Volume 1

State and County Data

Part 45

Vermont

AC78-A-45

1978 CENSUS OF AGRICULTURE

U.S. Department of Commerce
BUREAU OF THE CENSUS

1978 CENSUS OF AGRICULTURE

Volume 1
State and County Data

Part 45
Vermont

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CONTENTS

	Page
Introduction	VII
Highlights of the State's Agriculture: 1978 and 1974	IX
State Map	X

CHARTS

1.	Changes in State's Agriculture: 1978 From 1974	XI
2.	Profile of State's Agriculture: 1978	XII
3.	Land in Farms by Type of Organization: 1978	XIII
4.	Farms by Value of Sales: 1978	XIV
5.	Value of Products Sold by Size of Sales: 1978	XIV

PATTERN MAPS

1.	Land in Farms by County: 1978	XV
2.	Average Size of Farm by County: 1978	XV
3.	Value of Land and Buildings by County: 1978	XVI
4.	Value of Agricultural Products Sold by County: 1978	XVI
5.	Milk Cows Inventory by County: 1978	XVII
6.	Chickens 3 Months Old or Older Inventory by County: 1978	XVII
7.	Land in Orchards by County: 1978	XVIII
8.	Land From Which Hay Was Cut by County: 1978	XVIII

TABLES

CHAPTER 1. State Data

1.	Farms, Land in Farms, and Land Use: 1945 to 1978	1
2.	Farms, Land in Farms, and Land Use, for Farms With Sales of $2,500 or More: 1978, 1974, and 1969	1
3.	Farms, Land in Farms, and Land Use, by Size of Farm: 1978 and 1974	2
4.	Operators—Tenure, Type of Organization, and Characteristics: 1978, 1974, and 1969	2
5.	Operators by Type of Organization for Farms With Sales of $2,500 or More: 1978, 1974, and 1969	3
6.	Selected Farm Production Expenses: 1978, 1974, and 1969	4
7.	Expenses for Energy and Petroleum Products: 1978, 1974, and 1969	5
8.	Fuel Expenses, Quantity Purchased, and Storage Capacity: 1978	5
9.	Farm Payroll, Employment, and Contract Expenses: 1978, 1974, and 1969	5
10.	Market Value of Agricultural Products Sold: 1978, 1974, and 1969	6
11.	Value of Agricultural Products Sold Directly to Consumers for Human Consumption: 1978	6
12.	Income From Machine Work, Customwork, and Other Agricultural Services: 1978, 1974, and 1969	7
13.	Selected Characteristics of Farms by Standard Industrial Classification of Farms: 1978	7
14.	Machinery and Equipment on Place: 1978 and 1974	8
15.	Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974	8
16.	Irrigation: 1978, 1974, and 1969	9
17.	Selected Characteristics of Irrigated and Nonirrigated Farms: 1978	9
18.	Livestock and Poultry—Inventory and Sales: 1978, 1974, and 1969	10
19.	Poultry—Inventory and Sales: 1978 and 1974	10
20.	Cattle and Calves—Inventory and Sales: 1978 and 1974	12
21.	Hogs and Pigs—Inventory and Sales: 1978 and 1974	14
22.	Sheep and Lambs—Inventory and Sales: 1978 and 1974	15

TABLES—Con.

Page

CHAPTER 1—Con.

23. Other Livestock and Livestock Products—Inventory and Sales: 1978 and 1974 16
24. Fish Sales: 1978 16
25. Crops Harvested: 1978 and 1974 17
26. Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1978 18
27. Crops Harvested and Value of Production: 1978 and 1974 18
28. Crops by Acres Harvested: 1978 19
29. Summary by Tenure of Operator: 1978 22
30. Summary by Type of Organization: 1978 29
31. Summary by Age and Principal Occupation of Operator: 1978 36
32. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978 50
33. Summary by Size of Farm: 1978 64
34. Summary by Value of Agricultural Products Sold: 1978 78
35. Summary by Standard Industrial Classification of Farm: 1978 92

CHAPTER 2. County Summary Data

1. Number, Land, and Value of Farms: 1978 and 1974 106
2. Land Use: 1978 106
3. Irrigation: 1978 107
4. Farms by Tenure of Operator: 1978 107
5. Farms and Land in Farms by Type of Organization: 1978 107
6. Characteristics of Operators: 1978 108
7. Farms by Value of Sales and Occupation: 1978 108
8. Farms by Standard Industrial Classification: 1978 108
9. Farms by Market Value of Agricultural Products Sold: 1978 109
10. Market Value of Agricultural Products Sold for All Farms: 1978 109
11. Market Value of Agricultural Products Sold for Farms With Sales of $2,500 or More: 1978 110
12. Selected Farm Production Expenses: 1978 110
13. Energy Expenses and Fuel Storage Capacity for Farm Business: 1978 111
14. Hired Farm Labor—Expenses and Number of Workers: 1978 112
15. Estimated Market Value of All Machinery and Equipment: 1978 112
16. Cattle and Calves—Inventory and Sales: 1978 112
17. Hogs and Pigs—Inventory and Sales: 1978 116
18. Poultry—Inventory and Sales: 1978 117
19. Broilers Sold by Number Per Farm: 1978 118
20. Sheep and Lambs—Inventory and Sales: 1978 118
21. Milk Goats—Inventory and Sales: 1978 118
22. Angora Goats—Inventory and Sales: 1978 119
23. Mink and Their Pelts—Inventory and Sales: 1978 119
24. Colonies of Bees and Honey—Inventory and Sales: 1978 119
25. Fish Sales: 1978 119
26. Miscellaneous Poultry—Inventory and Sales: 1978 119
27. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1978 120
28. Grains—Corn, Sorghums, Wheat, and Other Small Grains: 1978 121
29. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1978 121
30. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1978 122
31. Vegetables, Sweet Corn, and Melons, Harvested for Sale: 1978 123
32. Fruits and Nuts: 1978 124
33. Berries: 1978 125
34. Nursery and Greenhouse Products, Mushrooms, and Sod: 1978 125
35. Other Crops: 1978 . . . . Not shown
36. Operator Response to Land Held Under Foreign Ownership: 1978 126
37. Income From Machine Work, Customwork and Other Agricultural Services: 1978 126

TABLES—Con.

CHAPTER 2—Con.

38. Value of Agricultural Products Sold Directly to Consumers for Human Consumption: 1978 . . 127
39. Farms Operated by Black and Other Races: 1978 127
40. Farms Operated by Black and Other Races by Tenure: 1978 127
41. Operators by Selected Racial Groups: 1978 127
42. Operators of Spanish Origin: 1978 128
43. Female Operators: 1978 128

CHAPTER 3. Individual County Data [The following tables are common to the State and each county]

1. Farms, Land in Farms, and Land Use: 1978 and 1974
2. Market Value of Agricultural Products Sold: 1978 and 1974
3. Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974
4. Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974
5. Selected Farm Production Expenses: 1978 and 1974
6. Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974
7. Machinery and Equipment on Place: 1978 and 1974
8. Hired Farm Workers: 1978 and 1974
9. Livestock and Poultry—Inventory and Sales: 1978 and 1974
10. Crops: 1978 and 1974

Vermont 129
Farms Not on Mail List 134
Addison. 139
Bennington 144
Caledonia. 149
Chittenden. 154
Essex 159
Franklin 164
Grand Isle 169
Lamoille 174
Orange 179
Orleans 184
Rutland. 189
Washington 194
Windham 199
Windsor. 204

APPENDIXES

A. General Explanation A-1
B. Farms by Current and Prior Definitions and Value of Agricultural Products Sold: 1978 and 1974 . . B-1
C. Comparison of 1974 Farm Counts With 1978 Farm Counts. C-1
D. Report Forms. D-1

Index Index-1
Publication Program. . . . . Inside back cover

INTRODUCTION

	Page
HISTORY	VII
AUTHORITY AND AREA COVERED	VII
FARM DEFINITION	VII
METHOD OF ENUMERATION	VII
COMPARABILITY OF DATA	VII
USE OF SAMPLING	VIII
GRAPHICS	VIII
TABULAR PRESENTATION	VIII
PRELIMINARY REPORTS	VIII
CENSUS DISCLOSURE RULES	VIII
DEFINITIONS AND EXPLANATIONS	VIII
"SEE TEXT" REFERENCE	VIII
ABBREVIATIONS AND SYMBOLS	VIII

HISTORY

The census of agriculture provides a periodic statistical picture of the Nation's farming, ranching, and related activities. The 1978 Census of Agriculture is the 21st taken by the U.S. Department of Commerce, Bureau of the Census.

The first agriculture census was taken in 1840 as part of the sixth decennial census. From 1840 to 1950, an agriculture census was taken as part of the decennial census of population. A mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974 a census of agriculture 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 to coincide with the 1982 Economic Censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. Thereafter, the agriculture census will revert to a 5-year cycle.

AUTHORITY AND AREA COVERED

The census of agriculture is authorized under the provisions of title 13, United States Code. Section 142(a) provides for the census to be taken in 1979, in 1983, and in every fifth year after 1983. Section 191 provides that the census shall include each State, the District of Columbia, Puerto Rico, Guam, and the Virgin Islands. A census of agriculture will be conducted in American Samoa and the Northern Mariana Islands in conjunction with the 1980 Census of Population and Housing.

FARM DEFINITION

Since 1850, when minimum criteria defining a farm for census purposes were first established, the farm definition has been changed nine times, as the Nation has grown and changed. The current definition was announced on August 12, 1975, in accordance with a joint agreement between the U.S. Department of Agriculture, the Office of Management and Budget, and the Bureau of the Census. It defines a farm, for statistical purposes, as any place from which $1,000 or more of agricultural products were sold or normally would have been sold during the census year. The previous definition (used for the 1959, 1964, and 1969 censuses, and for the 1974 preliminary county reports) counted as a farm any place with less than 10 acres from which $250 or more of agricultural products were sold or normally would have been sold during the census year, or any place of 10 acres or more from which $50 or more of agricultural products were sold or normally would have been sold during the census year.

METHOD OF ENUMERATION

Evaluation studies of the 1969 and 1974 censuses, which were conducted primarily by mail, indicated that the administrative lists used to create the census mailing list were not adequate to assure complete coverage in the census. Also, censuses prior to 1969, conducted by direct enumeration, had been found by evaluation studies (conducted since 1950) to be progressively less and less complete, as increased mobility of farm operators led to increases in the numbers of nonresident operators, operators farming on a part-time basis, and operators farming two or more separate tracts.

The 1978 Census of Agriculture was conducted primarily by mail for maximum economy, supplemented by a personal canvass of a statistical area segment sample for maximum completeness of coverage. The area segment sample, which consists of selected geographic areas completely canvassed by direct enumeration, provides reliable estimates for States of the number and characteristics of any farms not represented in the mail portion of the census. Estimates for such farms are an integral part of the State totals published for the 1978 census. The direct enumeration sample estimates are statistically reliable only for State totals and have not been allocated to counties. Appendix A provides a more detailed description of how the 1978 census was taken and includes a discussion of census coverage.

COMPARABILITY OF DATA

State totals for 1978 are not directly comparable with totals for 1974 or earlier censuses as they include data for farm operations represented on the mail list plus estimates from the direct enumeration sample for farms not represented on the mail list. The 1974 State level data include only operations represented on the mail list.

Coverage evaluation studies for the 1974 census indicated that 10.7 percent of all farms were not included in the census. Farms missed in the census were usually small and accounted for less than 3 percent of the total value of agricultural products sold and less than 6 percent of the land in farms. The proportion of farms missed in the 1974 census was generally higher in

States having a large proportion of small farms and urbanized areas having a sizable number of part-time farms. Farm counts for 1974, adjusted for the net undercount, are shown in appendix C.

County level data on acreages and inventories for 1978 and 1974 are generally comparable; however, improvements in the coverage of the 1978 census, especially of smaller farms, should be taken into consideration when comparing farm counts.

USE OF SAMPLING

Two types of sampling were used for data collection for the 1978 census. In addition to the State estimates from the direct enumeration sample discussed previously, data for items in sections 22 through 27 of the census report form were collected from only a sample of farms. Data based on a sample are subject to sampling error. Detailed discussions of the census report forms, the use of sampling, and estimates of sampling error are included in appendix A.

GRAPHICS

Several charts and maps presented on the following pages show selected agricultural statistics for this State. The items in the charts and the first four maps are presented for all States. The last four maps present data of particular importance to this State.

TABULAR PRESENTATION

State data—In chapter 1, State tables 1 through 28 show detailed State level data usually accompanied by historical data for one or more censuses. Tables 29 through 35 provide 1978 State data cross-tabulated by various farm classifications.

County summary data—Selected data items are presented by county in chapter 2. Tables 1 through 15 include general data such as land in farms, size of farms, land use, operator characteristics, expenses, and machinery and equipment. Inventory and sales data for livestock, poultry, and animal specialties are contained in tables 16 through 27 and detailed crop data in tables 28 through 35. Tables 36 through 43 present data on foreign ownership, income from customwork, direct sales to consumers, operators by racial group, and female operators.

Individual county data—Five pages of tables are presented in chapter 3 for each county with 10 farms or more in 1978. The tables include final data for each county and are more comprehensive than those in the preliminary reports. Data are provided for all farms and for farms with sales of $2,500 or more for both 1978 and 1974.

This chapter also includes a set of similar tables for the State as a whole and for those farms in the State not on the mailing list and not included in county tables.

PRELIMINARY REPORTS

Preliminary reports have been published separately for all counties in the United States with 10 farms or more in 1978, each State, the four geographic regions, and the United States. This series provided, at the earliest possible date, information on major data items, with comparable final data from the 1974 census. The data items were standard for each State and county except in table 3 where the selected crops varied by State according to their relative importance in the State. The State preliminary report also included a full set of tables providing data derived from the direct enumeration sample on the estimated number and characteristics of farms not included in county totals because they were not represented on the mailing list.

For major data items at the county level differences between the preliminary and final figures are in general less than 5 percent. At the State level, differences are significantly less.

CENSUS DISCLOSURE RULES

In keeping with the provisions of title 13, United States Code, data that would disclose the operations of an individual farm are not published. However, the number of farms in a given size category or other classification is not considered a disclosure. Appendix A presents additional information on disclosure rules.

DEFINITIONS AND EXPLANATIONS

Appendix A includes definitions and explanations of selected terms used in the tables.

"SEE TEXT" REFERENCE

Items in the tables which are followed by the reference "See text" are explained or defined in appendix A.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

- — Zero.
- (D) Data withheld to avoid disclosing information for individual farms.
- (X) Not applicable.
- (Z) Less than half of the unit reported.
- (NA) Not available.
- * Independent city.

Highlights of the State's Agriculture: 1978 and 1974

		All farms			Farms with sales of $2,500 or more		
		1978		1974[1]	1978		1974[1]
		Total	Not on mail list	Total	Total	Not on mail list	Total
Farms	number	7 273	1 421	5 906	4 835	348	4 531
Land in farms	acres	1 752 940	119 891	1 667 561	1 479 685	45 599	1 487 270
Average size of farm	acres	241	84	282	306	131	328
Harvested cropland	acres	580 792	25 835	514 804	532 016	10 811	486 923
Average per farm	acres	80	18	87	110	31	107
Farms by size:							
1 to 49 acres	number	1 180	535	562	352	49	225
50 to 499 acres	number	5 286	872	4 565	3 724	285	3 546
500 to 999 acres	number	685	7	655	648	7	640
1,000 acres or more	number	122	7	124	111	7	120
Value of land and buildings:[2]							
Average per farm	dollars	161 885	79 300	130 338	195 715	82 146	149 094
Average per acre	dollars	660	940	462	625	627	454
Value of machinery and equipment on farms[2]	$1,000	225 195	9 587	141 152	206 233	3 134	129 318
Average per farm	dollars	30 963	6 747	23 900	42 654	9 005	28 541
Value of agricultural products sold	$1,000	274 318	3 437	207 889	271 309	2 739	205 970
Average per farm	dollars	37 717	2 418	35 200	56 114	7 872	45 458
Crops sold	$1,000	17 475	756	15 843	16 513	433	15 105
Average per farm	dollars	2 403	532	2 683	3 415	1 244	3 334
Livestock and livestock products sold	$1,000	250 580	2 663	180 556	248 572	2 303	179 519
Average per farm	dollars	34 453	1 874	30 572	51 411	6 619	39 620
Poultry and poultry products sold	$1,000	6 263	17	8 780	6 224	3	8 753
Average per farm	dollars	861	12	1 487	1 287	9	1 932
Farms by value of agricultural products sold:							
Less than $2,500	number	2 423	1 073	1 418	–	–	55
$2,500 to $9,999	number	1 197	281	766	1 197	281	766
$10,000 to $39,999	number	1 201	52	1 759	1 201	52	1 759
$40,000 to $99,999	number	1 670	15	1 596	1 670	15	1 596
$100,000 to $199,999	number	632	–	289	632	–	289
$200,000 or more	number	135	–	66	135	–	66
Abnormal farms	number	15	(X)	12	(X)	(X)	(X)
Value of agricultural products sold by farms having sales of—							
Less than $2,500	$1,000	2 179	697	1 460	–	–	53
$2,500 to $9,999	$1,000	5 868	1 144	4 239	5 868	1 144	4 239
$10,000 to $39,999	$1,000	28 513	881	42 783	28 513	881	42 783
$40,000 to $99,999	$1,000	108 161	714	98 018	108 161	714	98 018
$100,000 to $199,999	$1,000	83 482	–	37 443	83 482	–	37 443
$200,000 or more	$1,000	45 285	–	23 433	45 285	–	23 433
Abnormal farms	$1,000	830	(X)	512	(X)	(X)	(X)
Farm production expenses for selected items:[2]							
Feed for livestock and poultry	$1,000	85 682	1 367	67 486	84 073	684	66 740
Seeds, bulbs, plants, and trees	$1,000	3 354	198	1 901	3 149	41	1 859
Commercial fertilizer	$1,000	9 524	291	7 400	9 139	124	7 278
Other agricultural chemicals	$1,000	2 810	108	1 539	2 632	45	1 511
Petroleum products—gasoline, diesel, etc.	$1,000	9 826	377	6 705	9 298	194	6 449
Hired farm labor	$1,000	21 635	102	14 779	20 731	65	14 497
Livestock and poultry inventory:							
Cattle and calves	number	326 517	9 533	331 990	313 270	5 797	320 346
Hogs and pigs	number	7 871	2 637	4 455	3 960	194	3 340
Sheep and lambs	number	9 002	2 556	4 998	5 252	1 522	3 084
Chickens 3 months old or older	number	531 740	7 283	826 674	519 054	1 180	818 728
Crops harvested:							
Corn for all purposes	acres	102 440	2 083	94 412	100 852	1 635	93 840
Oats for grain	acres	3 366	644	(NA)	3 254	630	2 188
	bushels	147 097	19 684	(NA)	143 582	18 900	99 809
Hay crops	acres	493 499	21 424	431 888	448 081	8 486	405 328
	tons, dry	879 189	31 997	783 415	826 496	18 039	750 506
Land in orchards	acres	6 494	1 961	5 322	4 308	49	5 127

[1]Not fully comparable because of direct enumeration sample in 1978 totals; see text.
[2]1978 data are based on a sample of farms; see text.

VERMONT

U. S. DEPARTMENT OF COMMERCE
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Chart 1.
Changes in State's Agriculture: 1978 From 1974

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Chart 2.
Profile of State's Agriculture: 1978

VERMONT

Chart 2 — Con.
Profile of State's Agriculture: 1978

Chart 3.
Land in Farms by Type of Organization: 1978

VERMONT

Chart 4.
Farms by Value of Sales: 1978

Chart 5.
Value of Products Sold by Size of Sales: 1978

Map 1. **Land in Farms by County: 1978**
As percent of land in county
State average 29.6 percent

Map 2. **Average Size of Farm by County: 1978**
Average size 241 acres

Map 3. **Value of Land and Buildings by County: 1978**

Average per farm

State average $161,885

Dollars
- Less than 150,000
- 150,000 - 169,999
- 170,000 - 199,999
- 200,000 or more

Map 4. **Value of Agricultural Products Sold by County: 1978**

State total $274,318,000

Dollars
- Less than 10 million
- 10 - 19 million
- 20 - 39 million
- 40 million or more

Map 5. **Milk Cows Inventory by County: 1978**

State total 187,424

Milk Cows
- Less than 5,000
- 5,000 - 9,999
- 10,000 - 29,999
- 30,000 or more

Map 6. **Chickens 3 Months Old or Older Inventory by County: 1978**

State total 531,740

Chickens
- Less than 5,000
- 5,000 - 9,999
- 10,000 - 49,999
- 50,000 - 99,999
- 100,000 or more

Map 7. **Land in Orchards by County: 1978**

State total 6,494 acres

Map 8. **Land From Which Hay Was Cut by County: 1978**

State total 16,029 acres

Table 1. **Farms, Land in Farms, and Land Use: 1945 to 1978**

		1978	1974	1969	1964	1959	1954	1950	1945
All farms	number	7 273	5 906	6 874	9 247	12 099	15 981	19 043	26 490
Land in farms	acres	1 752 940	1 667 561	1 915 520	2 524 371	2 945 343	3 317 737	3 527 381	3 930 514
Average size of farm	acres	241	282	279	273	243	208	185	148
Approximate land area	acres	5 930 240	5 931 136	5 931 136	5 936 640	5 936 640	5 937 920	5 937 920	5 937 920
Proportion in farms	percent	29.6	28.1	32.3	42.5	49.6	55.9	59.4	66.2
Value of land and buildings:[1]									
Average per farm	dollars	161 885	130 338	62 347	29 733	19 837	12 662	10 314	5 080
Average per acre	dollars	660	462	224	109	81	61	56	34
Farms by value of land and buildings:									
$1 to $9,999		78	76	415	1 577	(NA)	(NA)	(NA)	(NA)
$10,000 to $19,999		122	202	808	2 617	(NA)	(NA)	(NA)	(NA)
$20,000 to $39,999		705	675	1 907	3 007	(NA)	(NA)	(NA)	(NA)
$40,000 to $69,999		1 077	1 145	1 834	1 432	(NA)	(NA)	(NA)	(NA)
$70,000 to $99,999		1 031	897	825	302	(NA)	(NA)	(NA)	(NA)
$100,000 to $149,999		1 222	1 134	592	176	(NA)	(NA)	(NA)	(NA)
$150,000 to $199,999		1 170	707	236	62	(NA)	(NA)	(NA)	(NA)
$200,000 to $499,999		1 574	950	216	63	(NA)	(NA)	(NA)	(NA)
$500,000 or more		294	120	41	11	(NA)	(NA)	(NA)	(NA)
Land in farms according to use:									
Total cropland	farms	7 095	5 762	6 600	8 930	11 680	15 195	18 505	25 876
	acres	861 662	779 344	836 246	878 153	983 564	1 062 266	1 155 668	1 280 592
Harvested cropland	farms	6 582	5 501	6 125	8 619	11 418	14 643	17 997	25 603
	acres	580 792	514 804	511 096	657 282	743 448	799 145	858 512	1 159 888
Farms by acres harvested:									
1 to 49 acres		3 021	2 050	2 470	3 581	5 430	8 107	11 114	16 234
1 to 9 acres		575	368	513	749	1 069	1 881	2 722	4 504
10 to 19 acres		803	396	484	618	928	1 389	2 097	2 923
20 to 29 acres		682	462	467	693	1 108	1 600	2 058	3 097
30 to 49 acres		961	824	1 006	1 521	2 325	3 237	4 237	5 710
50 to 99 acres		1 423	1 483	1 735	2 771	3 745	4 525	4 987	6 702
100 to 199 acres		1 388	1 377	1 375	1 742	1 840	1 688	1 629	2 319
200 to 499 acres		696	548	520	493	377	310	250	337
500 to 999 acres		51	38	22	29	24	13	14	10
1,000 acres or more		3	5	3	3	2	–	3	1
1,000 to 1,999 acres		2	5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2,000 acres or more		1	–	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland used only for pasture or grazing[2]	farms	4 791	3 844	4 510	4 181	5 398	6 015	6 397	2 687
	acres	254 001	232 979	279 029	183 188	196 477	196 265	219 109	92 990
Other cropland	farms	1 008	923	1 111	1 357	1 575	2 898	2 761	(NA)
	acres	26 869	31 561	46 121	37 683	43 639	66 856	78 047	27 714
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	295	(NA)	(NA)	359	399	(NA)	(NA)	(NA)
	acres	5 424	(NA)	(NA)	9 074	8 573	(NA)	(NA)	(NA)
Cropland on which all crops failed	farms	111	(NA)	(NA)	275	(NA)	(NA)	(NA)	610
	acres	1 828	(NA)	(NA)	4 674	(NA)	(NA)	(NA)	10 534
Cropland in cultivated summer fallow[3]	farms	110	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	acres	1 992	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland idle	farms	618	(NA)	(NA)	869	(NA)	1 927	(NA)	769
	acres	17 625	(NA)	(NA)	23 935	(NA)	45 386	(NA)	17 180
Total woodland	farms	5 522	4 782	5 739	8 006	10 400	12 976	15 180	18 642
	acres	700 381	657 088	792 129	1 166 328	1 364 235	1 507 232	1 521 747	1 551 474
Woodland pastured	farms	2 310	(NA)	(NA)	4 701	6 690	8 730	10 296	13 020
	acres	168 958	(NA)	(NA)	406 614	555 477	702 724	733 425	857 087
Woodland not pastured	farms	4 541	(NA)	(NA)	5 774	7 073	8 086	9 344	9 938
	acres	531 423	(NA)	(NA)	759 714	808 758	804 508	788 322	694 387
Other land	farms	4 730	4 184	4 676	(NA)	(NA)	(NA)	(NA)	(NA)
	acres	190 897	231 129	287 145	479 890	597 544	748 239	849 966	1 098 448
Pastureland and rangeland other than cropland and woodland pastured	farms	1 646	(NA)	(NA)	5 384	7 460	9 896	11 257	16 666
	acres	116 787	(NA)	(NA)	405 703	521 097	668 813	751 573	1 022 774
Land in house lots, ponds, roads, wasteland, etc.	farms	4 228	(NA)	(NA)	8 307	(NA)	13 939	15 346	16 236
	acres	74 110	(NA)	(NA)	74 187	76 447	79 426	98 393	75 674
Irrigated land	farms	109	46	37	77	72	55	22	2
	acres	1 595	509	286	1 063	1 612	689	303	6

[1]1978 and 1950 through 1964 data are based on a sample of farms. [2]Not fully comparable for various census years because of differences in cropland used only for pasture. [3]Varies from State to State, 1950 through 1964; 17 Western States, 1945 not available.

Table 2. **Farms, Land in Farms, and Land Use, for Farms With Sales of $2,500 or More: 1978, 1974, and 1969**

		1978	1974	1969
Farms	number	4 835	4 531	4 850
Land in farms	acres	1 479 685	1 487 270	1 617 034
Average size of farm	acres	306	328	333
Value of land and buildings:[1]				
Average per farm	dollars	195 715	149 094	73 286
Average per acre	dollars	625	454	220
Land in farms according to use:				
Total cropland	farms	4 740	4 434	4 731
	acres	762 230	714 218	752 776
Harvested cropland	farms	4 602	4 346	4 595
	acres	532 016	486 923	473 755
Farms by acres harvested:				
1 to 49 acres		1 245	1 015	1 118
50 to 99 acres		1 254	1 367	1 564
100 to 199 acres		1 357	1 374	1 370
200 to 499 acres		692	547	518
500 to 999 acres		51	38	22
1,000 acres or more		3	5	3
1,000 to 1,999 acres		2	5	3
2,000 acres or more		1	–	–
Cropland used only for pasture or grazing	farms	3 252	2 932	3 389
	acres	211 756	201 938	245 566
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	190	210	148
	acres	3 669	6 375	5 151
Land in farms according to use—Con.				
Total cropland—Con.				
Cropland on which all crops failed	farms	91	167	53
	acres	1 576	5 587	1 097
Cropland in cultivated summer fallow	farms	76	85	160
	acres	1 718	2 747	4 598
Cropland idle	farms	350	323	458
	acres	11 495	10 648	22 609
Total woodland	farms	3 928	3 729	4 156
	acres	560 516	562 850	630 964
Woodland pastured	farms	1 918	2 122	2 553
	acres	151 110	193 053	231 091
Woodland not pastured	farms	3 135	2 799	2 953
	acres	409 406	369 797	399 873
Pastureland and rangeland other than cropland and woodland pastured	farms	1 238	1 687	1 947
	acres	102 499	147 923	172 835
Land in house lots, ponds, roads, wasteland, etc.	farms	2 730	2 815	2 694
	acres	54 440	62 279	60 459
Pastureland, all types	farms	4 246	4 057	4 489
	acres	465 365	542 914	649 492
Irrigated land	farms	88	36	34
	acres	1 531	446	274

[1]1978 data are based on a sample of farms; see text.

Table 3. **Farms, Land in Farms, and Land Use, by Size of Farm: 1978 and 1974**

	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	1978	1974	1978	1974	1978	1974	1978	1974
All farms ..... number	7 273	5 906	1 752 940	1 667 561	580 792	514 804	1 595	509
with harvested cropland	6 582	5 501	1 696 966	1 616 671	580 792	514 804	1 595	509
with irrigated land	109	46	19 688	6 819	8 160	2 287	1 595	509
Forms by size:								
1 to 9 acres ..... number	316	160	1 177	543	299	190	22	12
with harvested cropland	140	91	632	326	299	190	22	12
with irrigated land	15	9	84	46	28	12	22	12
10 to 49 acres ..... number	864	402	23 039	11 108	8 816	4 240	142	39
with harvested cropland	676	317	18 809	8 894	8 816	4 240	142	39
with irrigated land	32	9	670	231	193	34	142	39
50 to 69 acres ..... number	362	238	20 872	13 843	7 897	4 892	185	13
with harvested cropland	319	200	18 412	11 651	7 897	4 892	185	13
with irrigated land	9	3	512	170	195	64	185	13
70 to 99 acres ..... number	581	303	49 133	25 753	14 489	8 016	23	11
with harvested cropland	545	270	46 082	22 968	14 489	8 016	23	11
with irrigated land	4	3	315	230	72	39	23	11
100 to 139 acres ..... number	897	572	104 536	66 459	27 878	21 113	46	12
with harvested cropland	734	522	84 090	60 654	27 878	21 113	46	12
with irrigated land	6	4	684	500	193	144	46	12
140 to 179 acres ..... number	658	577	104 984	91 360	32 318	28 590	78	(D)
with harvested cropland	634	539	101 207	85 480	32 318	28 590	78	46
with irrigated land	6	2	910	(D)	153	60	78	(D)
180 to 219 acres ..... number	579	595	115 166	117 876	39 740	37 954	72	105
with harvested cropland	566	577	112 570	114 347	39 740	37 954	72	105
with irrigated land	7	4	1 392	821	454	205	72	105
220 to 259 acres ..... number	525	539	124 776	128 448	45 082	43 163	238	(D)
with harvested cropland	503	516	119 598	123 066	45 082	43 163	238	17
with irrigated land	4	2	928	(D)	520	63	238	(D)
260 to 499 acres ..... number	1 684	1 741	597 793	618 016	217 612	203 050	358	211
with harvested cropland	1 666	1 706	591 464	606 823	217 612	203 050	358	211
with irrigated land	16	8	5 746	3 029	2 812	1 351	358	211
500 to 999 acres ..... number	685	655	439 868	414 749	144 163	121 689	326	(D)
with harvested cropland	678	641	434 739	405 416	144 163	121 689	326	43
with irrigated land	7	2	4 615	(D)	1 695	315	326	(D)
1,000 to 1,999 acres ..... number	113	110	144 337	137 291	37 932	35 704	105	–
with harvested cropland	113	108	144 337	134 931	37 932	35 704	105	–
with irrigated land	3	–	3 832	–	1 845	–	105	–
2,000 acres or more ..... number	9	14	27 259	42 115	4 566	6 203	–	–
with harvested cropland	8	14	25 026	42 115	4 566	6 203	–	–
with irrigated land	–	–	–	–	–	–	–	–
5,000 acres or more ..... number	1	(NA)	(D)	(NA)	(D)	(NA)	–	(NA)
with harvested cropland	1	(NA)	(D)	(NA)	(D)	(NA)	–	(NA)
with irrigated land	–	(NA)	–	(NA)	–	(NA)	–	(NA)

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978, 1974, and 1969**

	All farms			Farms operated by Black and other races[1]		
	1978	1974	1969	1978	1974	1969
Farms and land in farms operated by:						
All operators ..... farms	7 273	5 906	6 874	23	23	3
acres	1 752 940	1 667 561	1 915 520	4 464	8 862	1 387
Harvested cropland ..... farms	6 582	5 501	6 125	20	21	3
acres	580 792	514 804	511 096	2 161	2 540	654
Full owners ..... farms	4 033	3 504	4 691	14	15	3
acres	779 787	817 662	1 123 959	3 793	3 563	1 387
Harvested cropland ..... farms	3 557	3 177	4 025	11	14	3
acres	215 764	220 867	272 175	1 847	1 121	654
Part owners ..... farms	2 785	2 106	1 947	9	7	–
acres	882 683	776 991	729 169	671	5 099	–
Harvested cropland ..... farms	2 658	2 051	1 895	9	6	–
acres	331 078	267 451	220 417	314	1 349	–
Tenants ..... farms	455	296	236	–	1	–
acres	90 470	72 908	62 392	–	(D)	–
Harvested cropland ..... farms	367	273	205	–	1	–
acres	33 950	26 486	18 504	–	(D)	–
Percent of tenancy ..... percent	6.3	5.0	3.4	–	4.3	–
Farms by type of organization:						
Individual or family ..... farms	6 572	(NA)	(NA)	21	(NA)	(NA)
acres	1 478 116	(NA)	(NA)	3 716	(NA)	(NA)
Partnership ..... farms	511	(NA)	(NA)	2	(NA)	(NA)
acres	188 748	(NA)	(NA)	(D)	(NA)	(NA)
Corporations ..... farms	145	(NA)	(NA)	–	(NA)	(NA)
acres	69 414	(NA)	(NA)	–	(NA)	(NA)
Family held:						
More than 10 stockholders ..... farms	4	(NA)	(NA)	–	(NA)	(NA)
acres	(D)	(NA)	(NA)	–	(NA)	(NA)
10 or less stockholders ..... farms	121	(NA)	(NA)	–	(NA)	(NA)
acres	57 327	(NA)	(NA)	–	(NA)	(NA)
Other than family held:						
More than 10 stockholders ..... farms	1	(NA)	(NA)	–	(NA)	(NA)
acres	(D)	(NA)	(NA)	–	(NA)	(NA)
10 or less stockholders ..... farms	19	(NA)	(NA)	–	(NA)	(NA)
acres	8 985	(NA)	(NA)	–	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc. ..... farms	45	(NA)	(NA)	–	(NA)	(NA)
acres	16 662	(NA)	(NA)	–	(NA)	(NA)

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978, 1974, and 1969**—Con.

	All farms			Farms operated by Black and other races[1]		
	1978	1974	1969	1978	1974	1969
Operators by age group:[1]						
Under 25 years	159	106	123	7	–	–
25 to 34 years	1 164	738	686	2	5	–
35 to 44 years	1 760	1 216	1 517	5	3	1
45 to 54 years	1 782	1 556	1 856	4	6	–
55 to 64 years	1 398	1 307	1 675	5	6	1
65 years and over	1 010	887	1 017	–	3	1
Average age	48.3	50.0	50.4	39.7	48.8	58.3
Operators by place of residence:[1]						
On farm operated	6 371	4 808	5 899	19	17	3
Not on farm operated	491	371	479	3	1	–
Not reported	411	727	496	1	5	–
Operators reporting days of work off farm:[1]						
None	3 480	2 713	(NA)	8	8	(NA)
Any	3 542	2 202	3 081	14	7	–
1 to 49 days	571	436	614	1	1	–
50 to 99 days	199	181	198	–	–	–
100 to 149 days	224	133	470	7	1	–
150 to 199 days	449	241		2	1	
200 days or more	2 099	1 211	1 799	4	4	–
Not reporting	251	895	(NA)	1	8	(NA)
Operators by principal occupation:[1]						
Farming	4 571	4 223	(NA)	9	17	(NA)
Other	2 702	1 587	(NA)	14	6	(NA)
Operators by sex:						
Male — farms	6 681	(NA)	(NA)	21	(NA)	(NA)
Male — acres	1 637 456	(NA)	(NA)	4 351	(NA)	(NA)
Female — farms	592	(NA)	(NA)	2	(NA)	(NA)
Female — acres	115 484	(NA)	(NA)	(D)	(NA)	(NA)
Operators of Spanish origin — farms	35	(NA)	(NA)	1	(NA)	(NA)
Operators of Spanish origin — acres	6 724	(NA)	(NA)	(D)	(NA)	(NA)

[1]1969 data apply only to farms operated by Blacks; 1974 data apply only to individual or family operations (sole proprietorship) and partnerships; see text.

Table 5. **Operators by Type of Organization for Farms With Sales of $2,500 or More: 1978, 1974, and 1969**

	1978		1974		1969	
	Farms	Farms operated by Black and other races, (see text)	Farms	Farms operated by Black and other races, (see text)	Farms	Farms operated by Black and other races,[1] (see text)
Individual or family — farms	4 239	11	4 108	16	4 308	1
Individual or family — acres	1 228 906	3 376	1 295 655	6 388	1 392 948	115
Partnership — farms	441	2	339	1	477	–
Partnership — acres	176 853	(D)	144 918	(D)	190 618	–
Corporations — farms	138	–	77	(NA)	47	1
Corporations — acres	68 177	–	42 225	(NA)	26 450	(D)
Family held:						
More than 10 stockholders — farms	3	–	(NA)	(NA)	(NA)	(NA)
More than 10 stockholders — acres	(D)	–	(NA)	(NA)	(NA)	(NA)
10 or less stockholders — farms	115	–	(NA)	(NA)	(NA)	(NA)
10 or less stockholders — acres	56 365	–	(NA)	(NA)	(NA)	(NA)
Other than family held:						
More than 10 stockholders — farms	1	–	(NA)	(NA)	(NA)	(NA)
More than 10 stockholders — acres	(D)	–	(NA)	(NA)	(NA)	(NA)
10 or less stockholders — farms	19	–	(NA)	(NA)	(NA)	(NA)
10 or less stockholders — acres	8 985	–	(NA)	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc. — farms	17	–	7	(NA)	18	–
Other—cooperative, estate or trust, institutional, etc. — acres	5 749	–	4 472	(NA)	7 018	–

[1]1969 data for farms operated by Blacks only.

Table 6. Selected Farm Production Expenses: 1978, 1974, and 1969

[1978 data are based on a sample of farms; see text]

All Farms

	1978 Farms	1978 Expenses ($1,000)	1974	1969
Livestock and poultry purchased ..... forms	3 492	(X)	2 603	3 222
$1,000	(X)	16 104	11 322	7 495
Farms with expenses of—				
$1 to $499	1 184	204	852	1 218
$500 to $999	414	278	352	436
$1,000 to $4,999	1 121	2 686	822	1 149
$5,000 to $9,999	377	2 574	280	295
$10,000 to $14,999	157	1 855	177	
$15,000 to $19,999	66	1 110		
$20,000 to $29,999	94	2 130		
$30,000 to $39,999	31	997		124
$40,000 to $49,999	17	721	120	
$50,000 to $79,999	15	825		
$80,000 or more	16	2 723		
Feed for livestock and poultry ..... forms	6 232	(X)	5 136	5 771
$1,000	(X)	85 682	67 486	34 922
Farms with expenses of—				
$1 to $499	1 255	272	807	1 237
$500 to $999	798	525	354	348
$1,000 to $4,999	1 017	2 148	810	1 520
$5,000 to $9,999	591	4 443	802	1 564
$10,000 to $14,999	527	6 500	1 316	
$15,000 to $19,999	425	7 289		
$20,000 to $29,999	727	17 562		1 102
$30,000 to $39,999	383	13 154	1 047	
$40,000 to $79,999	423	21 736		
$80,000 or more	86	12 051		
Commercially mixed formula feeds ..... forms	4 982	(X)	4 672	5 027
$1,000	(X)	67 258	61 008	32 202
Farms by tons purchased:				
1 to 49 tons	2 452	(X)	2 010	2 095
50 to 99 tons	886	(X)	1 090	1 383
100 to 199 tons	1 012	(X)	1 080	1 178
200 to 499 tons	552	(X)	438	332
500 to 799 tons	61	(X)	54	39
800 to 999 tons	9	(X)		
1,000 tons or more	10	(X)		
Farms with expenses of—				
$1 to $499	873	176	654	756
$500 to $999	477	312	274	285
$1,000 to $4,999	766	1 882	749	1 505
$5,000 to $9,999	734	5 517	814	1 503
$10,000 to $14,999	527	6 469	1 268	
$15,000 to $19,999	429	7 451		
$20,000 to $29,999	554	13 295		978
$30,000 to $39,999	309	10 485	913	
$40,000 to $49,999	138	6 080		
$50,000 or more	175	15 589		
Animal health cost ..... forms	5 288	(X)	(NA)	(NA)
$1,000	(X)	3 492	(NA)	(NA)
Farms with expenses of—				
$1 to $99	1 126	49	(NA)	(NA)
$100 to $499	2 126	507	(NA)	(NA)
$500 to $999	893	608	(NA)	(NA)
$1,000 to $2,999	975	1 508	(NA)	(NA)
$3,000 to $4,999	124	449	(NA)	(NA)
$5,000 or more	44	371	(NA)	(NA)
Seeds, bulbs, plants, and trees ..... forms	3 703	(X)	3 463	3 378
$1,000	(X)	3 354	1 901	860
Farms with expenses of—				
$1 to $499	2 007	355	2 355	2 953
$500 to $999	689	482	595	312
$1,000 to $4,999	922	1 757	492	108
$5,000 to $9,999	66	392	12	1
$10,000 to $19,999	9	110	9	4
$20,000 or more	10	258		

All Farms

	1978 Farms	1978 Expenses ($1,000)	1974	1969
Commercial fertilizer ..... forms	4 756	(X)	3 997	4 471
$1,000	(X)	9 524	7 400	3 496
Farms with expenses of—				
$1 to $499	1 478	327	1 334	2 420
$500 to $999	869	601	656	908
$1,000 to $4,999	1 896	4 359	1 672	1 090
$5,000 to $9,999	393	2 609	260	46
$10,000 to $19,999	109	1 374	61	
$20,000 to $29,999	11	254		7
$30,000 to $39,999	–	–	14	
$40,000 or more	–	–		
Other agricultural chemicals including lime ..... forms	4 049	(X)	2 532	(NA)
$1,000	(X)	2 810	1 539	1 168
Farms with expenses of—				
$1 to $99	807	27	568	(NA)
$100 to $499	1 651	425	1 133	(NA)
$500 to $999	821	548	440	(NA)
$1,000 to $1,999	481	628	366	(NA)
$2,000 to $4,999	244	682		
$5,000 to $9,999	24	165		
$10,000 to $19,999	17	202	25	(NA)
$20,000 or more	4	134		
Hired farm labor ..... forms	3 866	(X)	3 137	4 472
$1,000	(X)	21 635	14 779	11 550
Farms with expenses of—				
$1 to $99	129	6	184	1 546
$100 to $499	658	166	537	
$500 to $999	428	294	406	725
$1,000 to $2,499	697	1 114	549	920
$2,500 to $4,999	620	2 273	564	672
$5,000 to $9,999	746	5 259	535	403
$10,000 to $19,999	406	5 570	259	
$20,000 to $29,999	99	2 359	103	206
$30,000 to $49,999	51	1 912		
$50,000 or more	32	2 683		
Contract labor ..... forms	445	(X)	215	(NA)
$1,000	(X)	659	389	(NA)
Farms with expenses of—				
$1 to $499	242	50	89	(NA)
$500 to $999	56	42	47	(NA)
$1,000 to $4,999	118	277	64	(NA)
$5,000 to $9,999	24	160	8	(NA)
$10,000 to $19,999	3	(D)	7	(NA)
$20,000 or more	2	(D)		
Customwork, machine hire, and rental of machinery and equipment ..... forms	1 711	(X)	1 728	(NA)
$1,000	(X)	1 296	1 125	(NA)
Farms with expenses of—				
$1 to $499	979	187	1 159	(NA)
$500 to $999	355	233	274	(NA)
$1,000 to $4,999	345	639	272	(NA)
$5,000 to $9,999	26	154	15	(NA)
$10,000 to $19,999	6	84	8	(NA)
$20,000 or more	–	–		
Energy and petroleum products expenses ..... forms	7 251	(X)	(NA)	(NA)
$1,000	(X)	15 542	(NA)	(NA)
Farms with expenses of—				
$1 to $499	2 762	563	(NA)	(NA)
$500 to $999	729	520	(NA)	(NA)
$1,000 to $1,999	1 106	1 614	(NA)	(NA)
$2,000 to $4,999	1 783	5 631	(NA)	(NA)
$5,000 to $9,999	700	4 615	(NA)	(NA)
$10,000 to $19,999	153	2 065	(NA)	(NA)
$20,000 to $39,999	15	382	(NA)	(NA)
$40,000 or more	3	151	(NA)	(NA)
Petroleum products ..... forms	7 239	(X)	5 782	6 747
$1,000	(X)	9 826	6 705	4 320
Farms with expenses of—				
$1 to $499	3 262	611	2 147	3 614
$500 to $999	943	678	1 290	1 840
$1,000 to $1,999	1 449	2 030	2 210	1 266
$2,000 to $4,999	1 253	3 833		
$5,000 to $9,999	272	1 805	121	21
$10,000 to $19,999	52	650	14	6
$20,000 or more	8	219		

Table 7. **Expenses for Energy and Petroleum Products: 1978, 1974, and 1969**

[1978 data are based on a sample of farms; see text]

	1978, All forms		Forms with sales of $2,500 or more			
	Farms	Expenses ($1,000)	1978, farms	1978, expenses ($1,000)	1974, farms	1969, farms
Gasoline ..... forms	7 034	(X)	4 690	(X)	4 400	4 784
$1,000	(X)	5 342	(X)	4 980	4 065	2 871
Farms with expenses of—						
$1 to $499	3 827	644	1 607	375	1 536	2 470
$500 to $999	1 387	956	1 270	879	1 442	1 015
$1,000 to $1,999	1 136	1 510	1 133	1 505	1 034	594
$2,000 to $4,999	619	1 747	615	1 735	367	96
$5,000 to $9,999	55	345	55	345	15	9
$10,000 to $19,999	9	(D)	9	(D)	6	
$20,000 or more	1	(D)	1	(D)		
Diesel fuel ..... forms	3 509	(X)	3 166	(X)	2 622	2 109
$1,000	(X)	2 657	(X)	2 599	1 400	535
Farms with expenses of—						
$1 to $499	1 799	380	1 482	(D)	1 702	1 842
$500 to $999	832	572	826	567	534	205
$1,000 to $1,999	593	778	574	757	284	49
$2,000 to $4,999	249	668	248	(D)	97	11
$5,000 to $9,999	32	205	32	205	3	2
$10,000 or more	4	56	4	56	2	
LP gas, butane, and propane ..... forms	751	(X)	710	(X)	536	814
$1,000	(X)	248	(X)	239	201	125
Farms with expenses of—						
$1 to $99	237	15	231	(D)	156	370
$100 to $499	370	92	336	83	294	410
$500 to $999	105	66	104	(D)	56	27
$1,000 to $2,499	28	34	28	34	28	7
$2,500 to $4,999	8	19	8	19		
$5,000 or more	3	23	3	23	2	
Motor oil, grease, natural gas, kerosene, and fuel oil ..... forms	7 239	(X)	4 834	(X)	4 482	4 827
$1,000	(X)	1 578	(X)	1 480	783	482
Farms with expenses of—						
$1 to $99	4 297	142	2 142	95	2 217	3 267
$100 to $499	2 233	442	1 996	414	2 018	1 462
$500 to $999	354	235	347	231	188	79
$1,000 to $2,999	252	350	249	346	51	19
$3,000 to $4,999	87	279	85	(D)		
$5,000 or more	16	130	15	(D)	8	

	1978, All forms									
	Fuel oil		Natural gas		Kerosene, motor oil, and grease		Electricity		Other—coal, wood, coke, etc.	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Farms ..... number	824	(X)	35	(X)	7 239	(X)	5 184	(X)	473	(X)
dollars	(X)	724	(X)	10	(X)	844	(X)	5 506	(X)	210
Farms with expenses of—										
$1 to $99	112	6	5	(Z)	4 537	152	638	27	31	1
$100 to $999	470	196	29	9	2 657	628	2 396	1 006	393	134
$1,000 to $1,999	160	211	1	(D)	37	43	1 323	1 801	41	48
$2,000 to $4,999	68	198	–	–	8	21	749	2 088	8	27
$5,000 or more	14	114	–	–	–	–	78	585	–	–

Table 8. **Fuel Expenses, Quantity Purchased, and Storage Capacity: 1978**

[1978 data are based on a sample of farms; see text]

All Farms

	Total				Reporting storage capacity			
	Farms	Purchased (1,000 gallons)	Expenses ($1,000)	Price per gallon	Farms	Expenses ($1,000)	Storage capacity (1,000 gallons)	Average capacity
Gasoline	7 034	8 538	5 342	62.6	3 189	3 667	1 373	431
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	1 254	2 085	864	689
Diesel fuel	3 509	5 209	2 657	51.0	2 458	2 151	918	374
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	617	972	466	756
LP gas, butane, and propane	751	469	248	52.9	359	138	112	312
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	71	59	62	869
Fuel oil	824	1 401	724	51.7	448	436	247	552
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	189	286	180	955

Table 9. **Farm Payroll, Employment, and Contract Expenses: 1978, 1974, and 1969**

[1978 data are based on a sample of farms; see text]

	All farms, 1978	Forms with sales of $2,500 or more		
		1978	1974	1969
Hired farm labor ..... farms	3 866	3 297	2 834	3 759
workers	14 375	13 064	15 158	12 305
payroll, $1,000	21 635	20 731	14 497	11 051
Workers by number of days worked:				
150 days or more ..... farms	2 102	1 998	1 557	1 643
workers	4 146	3 985	2 957	2 610
Less than 150 days ..... farms	2 936	2 430	2 087	2 928
workers	10 229	9 079	12 201	9 695
Contract labor ..... farms	445	365	164	249
expenses, $1,000	659	583	364	314

Table 10. **Market Value of Agricultural Products Sold: 1978, 1974, and 1969**

	All farms			Farms with sales of $2,500 or more		
	1978	1974	1969	1978	1974	1969
Market value of agricultural products sold[1] (see text) ..... farms	7 273	5 906	6 874	4 835	4 531	4 850
$1,000	274 318	207 889	136 010	271 309	205 970	133 955
Average per farm ..... dollars	37 717	35 200	19 786	56 114	45 458	27 619
Farms by value of agricultural products sold:						
Less than $2,500 (see text) ..... farms	2 423	1 418	2 092	(X)	55	'80
$1,000	2 179	1 460	1 656	(X)	53	98
$2,500 to $4,999 ..... farms	742	379	377	742	379	377
$1,000	2 593	1 392	1 359	2 593	1 392	1 359
$5,000 to $7,499 ..... farms	264	213	260	264	213	260
$1,000	1 626	1 326	1 612	1 626	1 326	1 612
$7,500 to $9,999 ..... farms	191	174	287	191	174	287
$1,000	1 650	1 521	2 515	1 650	1 521	2 515
$10,000 to $14,999 ..... farms	274	316	569	274	316	569
$1,000	3 374	3 913	7 115	3 374	3 913	7 115
$15,000 to $19,999 ..... farms	202	303	550	202	303	550
$1,000	3 503	5 241	9 638	3 503	5 241	9 638
$20,000 to $29,999 ..... farms	361	624	1 119	361	624	1 119
$1,000	8 963	15 614	27 636	8 963	15 614	27 636
$30,000 to $39,999 ..... farms	364	516	695	364	516	695
$1,000	12 673	18 015	23 873	12 673	18 015	23 873
$40,000 to $59,999 ..... farms	742	854	578	742	854	578
$1,000	36 671	41 681	27 511	36 671	41 681	27 511
$60,000 to $79,999 ..... farms	560	480	178	560	480	178
$1,000	38 739	33 203	12 056	38 739	33 203	12 056
$80,000 to $99,999 ..... farms	368	262	77	368	262	77
$1,000	32 752	23 134	6 858	32 752	23 134	6 858
$100,000 or more ..... farms	767	355	80	767	355	80
$1,000	128 767	60 876	13 685	128 767	60 876	13 685
$100,000 to $199,999 ..... farms	632	289	69	632	289	69
$1,000	83 482	37 443	(NA)	83 482	37 443	(NA)
$200,000 to $499,999 ..... farms	124	63	7	124	63	7
$1,000	34 678	16 738	(NA)	34 678	16 738	(NA)
$500,000 or more ..... farms	11	3	4	11	3	4
$1,000	10 607	6 695	(NA)	10 607	6 695	(NA)
Abnormal farms ..... farms	15	12	12	(X)	(X)	(X)
$1,000	830	512	496	(X)	(X)	(X)
Farm sales by commodity or commodity group:						
Crops, including nursery and greenhouse products ..... farms	2 198	2 082	2 461	1 357	1 382	1 394
$1,000	17 475	15 843	8 462	16 513	15 105	7 645
Grains ..... farms	64	(NA)	(NA)	57	77	101
$1,000	276	(NA)	(NA)	273	394	128
Commodity Credit Corporation loans ..... farms	–	(NA)	(NA)	–	(NA)	(NA)
$1,000	–	(NA)	(NA)	–	(NA)	(NA)
Cotton and cottonseed ..... farms	–	(NA)	(NA)	–	–	–
$1,000	–	(NA)	(NA)	–	–	–
Commodity Credit Corporation loans ..... farms	–	(NA)	(NA)	–	(NA)	(NA)
$1,000	–	(NA)	(NA)	–	(NA)	(NA)
Tobacco ..... farms	–	(NA)	(NA)	–	–	–
$1,000	–	(NA)	(NA)	–	–	–
Field seeds, hay, forage, and silage ..... farms	1 672	(NA)	(NA)	1 036	1 073	1 119
$1,000	7 208	(NA)	(NA)	6 466	7 544	3 580
Vegetables, sweet corn, and melons ..... farms	282	(NA)	(NA)	175	131	138
$1,000	1 164	(NA)	(NA)	1 099	548	367
Fruits, nuts, and berries ..... farms	222	(NA)	(NA)	145	131	121
$1,000	6 109	(NA)	(NA)	6 061	4 298	2 413
Nursery and greenhouse products ..... farms	208	157	(NA)	140	114	57
$1,000	2 269	1 581	(NA)	2 174	1 515	698
Other crops ..... farms	84	(NA)	(NA)	55	83	70
$1,000	449	(NA)	(NA)	441	806	459
Livestock, poultry, and their products sold ..... farms	5 715	4 915	5 519	4 311	4 068	4 579
$1,000	256 843	189 336	126 152	254 796	188 272	125 019
Poultry and poultry products ..... farms	466	346	(NA)	262	214	215
$1,000	6 263	8 780	(NA)	6 224	8 753	3 136
Dairy products ..... farms	3 363	(NA)	(NA)	3 300	3 447	4 082
$1,000	219 321	(NA)	(NA)	218 654	160 265	108 615
Cattle and calves ..... farms	4 862	(NA)	(NA)	4 097	3 945	(NA)
$1,000	29 078	(NA)	(NA)	28 308	18 589	12 610
Sheep, lambs, and wool ..... farms	469	(NA)	(NA)	174	84	
$1,000	336	(NA)	(NA)	257	130	
Hogs and pigs ..... farms	576	(NA)	(NA)	228	190	(NA)
$1,000	536	(NA)	(NA)	372	172	658
Other livestock and livestock products (see text) ..... farms	875	(NA)	(NA)	405	157	
$1,000	1 309	(NA)	(NA)	980	364	

[1] 1974 and 1969 data include sales of forest products.

Table 11. **Value of Agricultural Products Sold Directly to Consumers for Human Consumption: 1978**

	All farms		Farms with sales or $2,500 or more	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Direct sales ..... farms	732	(X)	465	(X)
$1,000	(X)	1 928	(X)	1 745
Average per farm ..... dollars	(X)	2 635	(X)	3 753
Farms by value of direct sales:				
$1 to $99	73	3	40	(D)
$100 to $249	116	19	66	11
$250 to $499	115	40	56	20
$500 to $999	148	102	73	51
$1,000 to $4,999	200	410	152	337
$5,000 to $9,999	30	193	30	193
$10,000 to $19,999	28	358	26	(D)
$20,000 to $29,999	8	192	8	192
$30,000 or more	14	611	14	611

Table 12. Income From Machine Work, Customwork, and Other Agricultural Services: 1978, 1974, and 1969

	All forms			Farms with sales of $2,500 or more		
	1978	1974	1969	1978	1974	1969
Total ..... forms	437	411	508	317	308	344
$1,000	431	805	427	332	686	325
Average per farm ..... dollars	986	1 959	841	1 047	2 227	945
Income from machine work, customwork, and other agricultural services:						
$1 to $249	182	(NA)	(NA)	126	114	168
$250 to $499	80	(NA)	(NA)	58	56	57
$500 to $999	62	(NA)	(NA)	51	47	48
$1,000 to $4,999	92	(NA)	(NA)	65	66	60
$5,000 to $9,999	17	(NA)	(NA)	13	8	6
$10,000 to $19,999	3	(NA)	(NA)	3		
$20,000 to $29,999	1	(NA)	(NA)	1	17	5
$30,000 or more	–	(NA)	(NA)	–		

Table 13. Selected Characteristics of Farms by Standard Industrial Classification of Farms: 1978

All Farms

				Selected capital assets,[1] average per farm (dollars)		Value of sales ($1,000)			
	Farms	Land in farms (acres)	Harvested cropland (acres)	Value of land and buildings	Value of machinery and equipment	Total	Crops, including nursery and greenhouse products	Livestock and livestock products	Poultry and poultry products
Total	7 273	1 752 940	580 792	161 885	30 984	274 318	17 475	250 580	6 263
Crops (01)	1 783	264 402	75 022	123 610	14 566	15 252	14 701	541	11
Cash grains (011)	13	2 443	991	234 191	35 124	102	102	1	–
Wheat (0111)	1	(D)	(D)	–	–	(D)	(D)	–	–
Rice (0112)	–	–	–	–	–	–	–	–	–
Corn (0115)	7	1 270	555	124 431	27 417	71	71	1	–
Soybeans (0116)	–	–	–	–	–	–	–	–	–
Cash grains, n.e.c.[2] (0119)	5	(D)	(D)	404 928	47 111	(D)	(D)	–	–
Field crops, except cash grains (013)	1 035	199 066	58 460	140 603	16 058	5 826	5 412	407	6
Cotton (0131)	–	–	–	–	–	–	–	–	–
Tobacco (0132)	–	–	–	–	–	–	–	–	–
Sugar crops (0133)	–	–	–	–	–	–	–	–	–
Irish potatoes (0134)	11	3 662	1 343	390 546	54 375	418	406	11	–
Field crops, except cash grains, n.e.c.[2] (0139)	1 024	195 404	57 117	138 697	15 765	5 408	5 006	396	6
Vegetables and melons (016)	102	7 897	1 853	81 142	12 983	922	882	38	2
Fruits and tree nuts (017)	167	20 328	5 837	122 333	19 502	5 990	5 940	50	–
Berry crops (0171)	27	2 191	200	62 446	7 658	147	144	3	–
Grapes (0172)	–	–	–	–	–	–	–	–	–
Tree nuts (0173)	–	–	–	–	–	–	–	–	–
Citrus fruits (0174)	–	–	–	–	–	–	–	–	–
Deciduous tree fruits (0175)	93	14 177	5 158	154 704	26 727	5 833	5 787	46	–
Fruits and tree nuts, n.e.c.[2] (0179)	47	3 960	479	67 182	6 395	9	9	–	–
Horticultural specialties (018)	165	4 617	732	67 294	10 602	2 247	2 239	8	1
Ornamental floriculture and nursery products (0181)	161	4 383	655	66 123	10 672	2 186	2 178	7	1
Food crops grown under cover (0182)	2	(D)	(D)	–	–	(D)	(D)	–	–
Horticultural specialties, n.e.c.[2] (0189)	2	(D)	(D)	98 333	8 750	(D)	(D)	–	–
General farms, primarily crop (019)	301	30 051	7 149	97 730	7 000	166	127	37	2
Livestock (02)	5 490	1 488 538	505 770	174 279	36 286	259 066	2 775	250 039	6 252
Livestock, except dairy, poultry, and animal specialties (021)	1 659	255 718	48 542	102 881	12 001	10 702	580	10 095	27
Beef cattle feedlots (0211)	137	21 111	5 030	125 678	12 168	796	30	763	3
Beef cattle, except feedlots (0212)	1 088	186 844	35 879	94 526	13 746	8 988	484	8 491	12
Hogs (0213)	119	8 107	1 314	84 536	8 101	287	4	281	2
Sheep and goats (0214)	238	26 136	4 120	137 391	6 540	319	12	303	4
General livestock, except dairy, poultry, and animal specialties (0219)	77	13 520	2 199	105 889	9 788	312	49	256	7
Dairy (024)	3 205	1 164 102	447 858	227 690	53 904	239 165	1 520	237 576	69
Poultry and eggs (025)	84	6 483	1 242	84 122	20 718	6 376	233	73	6 069
Broiler, fryer, and roaster chickens (0251)	1	(D)	(D)	–	–	–	–	–	–
Chicken eggs (0252)	64	5 691	1 093	105 644	22 097	6 194	232	64	5 898
Turkey and turkey eggs (0253)	5	(D)	(D)	10 967	45 000	150	–	–	150
Poultry hatcheries (0254)	–	–	–	–	–	–	–	–	–
Poultry and eggs, n.e.c.[2] (0259)	14	536	109	31 600	5 767	31	1	9	21
Animal specialties (027)	323	34 647	3 277	104 407	8 480	1 035	17	1 014	3
Fur-bearing animals and rabbits (0271)	7	267	91	90 800	3 214	152	–	151	–
Horses and other equines (0272)	296	33 329	3 024	108 736	8 699	752	17	732	3
Animal specialties, n.e.c.[2] (0279)	20	1 051	162	47 211	7 274	131	–	131	–
General farms, primarily livestock (029)	219	27 588	4 851	68 123	8 642	1 789	425	1 281	83

[1] 1978 data are based on a sample of farms; see text.
[2] Not elsewhere classified receives 50 percent or more of their value of sales from a three digit SIC group, but less than 50 percent from any single four digit SIC group.

Table 14. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

All Farms

	1978 Forms	1978 Value ($1,000)	1974 Forms	1974 Value ($1,000)
Estimated market value of all machinery and equipment ... forms	7 268	(X)	5 754	(X)
... $1,000	(X)	225 195	(X)	141 152
Average per farm ... dollars	(X)	30 984	(X)	24 531
By value group:				
$1 to $999	29	13	27	17
$1,000 to $4,999	1 023	2 908	669	1 929
$5,000 to $9,999	1 760	11 492	1 036	7 282
$10,000 to $19,999	1 044	13 641	1 196	16 644
$20,000 to $29,999	830	18 986	1 057	25 326
$30,000 to $49,999	1 003	36 959	1 095	39 810
$50,000 to $69,999	573	31 710	386	21 280
$70,000 or more	1 006	109 484	288	28 864
$70,000 to $99,999	486	38 245	(NA)	(NA)
$100,000 to $199,999	458	55 695	(NA)	(NA)
$200,000 to $499,999	60	(D)	(NA)	(NA)
$500,000 or more	2	(D)	(NA)	(NA)

	1978 Total Forms	1978 Total Number	1978 Manufactured 1974 to 1978 Forms	1978 Manufactured 1974 to 1978 Number	1978 Manufactured prior to 1974 Forms	1978 Manufactured prior to 1974 Number	1974 Forms	1974 Number	1974 Number manufactured 1970 to 1974
Selected machinery and equipment:									
Automobiles	4 998	6 580	2 914	3 439	2 636	3 141	4 719	6 353	4 013
2 or 3	1 193	2 579	454	941	385	826	1 270	2 726	1 231
4 or more	57	253	12	50	19	83	51	229	66
Motortrucks, including pickups	5 608	7 849	2 902	3 252	3 439	4 597	4 373	6 177	2 446
2 or 3	1 367	2 992	251	547	757	1 651	1 149	2 520	459
4 or more	158	774	12	66	70	334	110	543	66
Wheel tractors	6 537	16 322	1 838	2 640	6 097	13 682	5 319	13 694	3 100
2 or 3	3 069	7 685	502	1 144	2 884	7 022	(NA)	(NA)	(NA)
4 or more	1 366	6 535	45	205	941	4 388	(NA)	(NA)	(NA)
Grain and bean combines, self-propelled only	152	170	11	14	142	156	80	87	8
Cornpickers, corn heads, and picker-shellers	490	579	208	239	313	340	400	426	162
Corn heads for combines	356	375	129	131	233	244	224	238	100
Other cornpickers and picker-shellers	181	204	96	108	89	96	182	188	62
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	3 711	4 104	1 754	1 806	2 093	2 298	2 591	2 776	1 413
Pickup balers	4 202	4 434	1 015	1 030	3 255	3 404	3 779	3 975	1 156
Field forage harvesters, shear bar or flywheel type	2 351	2 798	914	968	1 548	1 830	2 040	2 328	927

Table 15. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms, 1978	Farms with sales of $2,500 or more, 1978	Farms with sales of $2,500 or more, 1974
Agricultural chemicals, including commercial fertilizer and lime ... forms	5 188	4 088	3 516
... $1,000	12 334	11 771	8 789
Commercial fertilizer ... forms	4 756	3 803	3 376
... acres on which used	369 395	355 364	274 044
... $1,000	9 524	9 139	7 278
Lime ... forms	2 516	2 150	1 124
... acres on which used	81 803	77 267	40 535
... tons	133 783	127 291	62 777
Forms by tons used:			
1 to 49 tons	1 549	1 208	672
50 to 99 tons	571	549	258
100 to 199 tons	307	304	146
200 to 499 tons	80	80	46
500 to 999 tons	8	8	2
1,000 tons or more	1	1	–
Sprays, dusts, granules, fumigants, etc. to control:			
Insects on hay and other crops ... forms	1 147	822	(NA)
... acres on which used	38 295	34 362	30 885
Nematodes in crops ... forms	130	108	5
... acres on which used	7 369	7 206	122
Diseases in crops and orchards ... forms	386	256	75
... acres on which used	9 872	9 142	3 365
Weeds, grass, or brush in crops and pasture ... forms	2 447	2 174	(NA)
... acres on which used	89 300	86 524	50 201
Chemicals for:			
Defoliation or for growth control of crops or thinning of fruit ... forms	204	166	30
... acres on which used	6 774	6 391	1 252
Insect control on livestock and poultry ... forms	2 413	1 982	462
Sanitation and rodent and bird control ... forms	915	751	(NA)

Table 16. **Irrigation: 1978, 1974, and 1969**

	All farms			Farms with sales of $2,500 or more		
	1978	1974	1969	1978	1974	1969
Forms irrigated in census year ... forms	109	46	37	88	36	34
Proportion of farms ... percent	1.5	0.8	0.5	1.8	0.8	0.7
Irrigated land ... acres	1 595	509	286	1 531	446	274
Average per farm ... acres	15	11	77	17	12	80
Irrigated farms by acres irrigated:						
1 to 9 acres ... farms	69	30	26	49	22	24
acres	172	(NA)	(NA)	128	58	79
10 to 49 acres ... farms	34	15	11	33	13	10
acres	819	(NA)	(NA)	(D)	(D)	195
50 to 99 acres ... farms	4	1	–	4	1	–
acres	252	(NA)	(NA)	252	(D)	–
100 to 199 acres ... farms	1	–	–	1	–	–
acres	(D)	(NA)	(NA)	(D)	–	–
200 to 499 acres ... farms	1	–	–	1	–	–
acres	(D)	(NA)	(NA)	(D)	–	–
500 to 999 acres ... farms	–	–	–	–	–	–
acres	–	(NA)	(NA)	–	–	–
1,000 acres or more ... farms	–	–	–	–	–	–
acres	–	(NA)	(NA)	–	–	–
Irrigated land use:						
Harvested cropland ... forms	95	(NA)	(NA)	76	36	32
acres	1 313	(NA)	(NA)	1 260	441	230
Pastureland ... farms	13	(NA)	(NA)	12	(NA)	(NA)
acres	259	(NA)	(NA)	(D)	–	5
Other land ... farms	5	(NA)	(NA)	3	2	3
acres	23	(NA)	(NA)	(D)	5	39
Land in irrigated farms ... acres	19 688	6 819	11 779	19 116	6 147	11 665
Cropland ... acres	10 982	(NA)	(NA)	10 741	3 105	5 348
Harvested cropland ... acres	8 160	2 287	2 525	8 068	2 167	2 493

Table 17. **Selected Characteristics of Irrigated and Nonirrigated Farms: 1978**

		Irrigated farms		
	All farms	Any irrigated land	All harvested cropland irrigated	Nonirrigated farms
Farms ... number	7 273	109	44	7 164
Land in farms ... acres	1 752 940	19 688	1 795	1 733 252
Value of land and buildings:[1]				
Average per farm ... dollars	161 885	136 709	73 088	162 254
Average per acre ... dollars	660	817	2 113	658
Irrigated land ... acres	1 595	1 595	402	(X)
Land in farms according to use:				
Total cropland ... farms	7 095	109	44	6 986
acres	861 662	10 982	650	850 680
Harvested cropland ... farms	6 582	109	44	6 473
acres	580 792	8 160	388	572 632
Total pastureland, excluding woodland pastured ... farms	5 760	50	10	5 710
acres	370 788	3 250	126	367 538
Inventory of livestock:				
Cattle and calves ... farms	5 395	47	6	5 348
number	326 517	4 061	59	322 456
Milk cows ... farms	3 919	29	2	3 890
number	187 424	2 121	(D)	185 303
Hogs and pigs ... farms	1 072	21	2	1 051
number	7 871	204	(D)	7 667
Sheep and lambs ... farms	545	9	1	536
number	9 002	32	(D)	8 970
Estimated market value of all machinery and equipment[1] ... farms	7 268	105	41	7 163
$1,000	225 195	3 421	721	221 774
Average per farm ... dollars	30 984	32 579	17 585	30 961
Market value of agricultural products sold ... $1,000	274 318	5 909	1 145	268 410
Average per farm ... dollars	37 717	54 207	26 012	37 466
Crops, including nursery and greenhouse products ... farms	2 198	76	40	2 122
$1,000	17 475	2 187	846	15 288
Livestock and livestock products ... farms	5 644	46	4	5 598
$1,000	250 580	3 405	(D)	247 174
Poultry and poultry products ... farms	466	13	2	453
$1,000	6 263	316	(D)	5 947
Selected farm production expenses:[1]				
Feed for livestock and poultry ... farms	6 232	52	13	6 180
$1,000	85 682	1 414	186	84 268
Seed, bulbs, plants, and trees ... farms	3 703	87	36	3 616
$1,000	3 354	244	116	3 110
Commercial fertilizer ... farms	4 756	102	39	4 654
$1,000	9 524	169	18	9 355
Other agricultural chemicals, including lime ... farms	4 049	88	39	3 961
$1,000	2 810	103	14	2 707
Energy and petroleum products ... farms	7 251	105	41	7 146
$1,000	15 542	323	79	15 219
Hired farm labor ... farms	3 866	80	27	3 786
$1,000	21 635	771	243	20 864
Contract labor ... farms	445	4	1	441
$1,000	659	24	(D)	634

[1]1978 data are based on a sample of farms; see text.

Table 18. **Livestock and Poultry—Inventory and Sales: 1978, 1974, and 1969**

All Farms

		Inventory			Sales		
		Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Value of livestock and poultry[1]	1978	6 298	(X)	197 031	5 715	(X)	256 843
	1974	5 110	(X)	103 569	4 915	(X)	189 336
	1969	(NA)	(X)	86 544	5 519	(X)	126 152
Value of poultry	1978	1 389	(X)	1 311	466	(X)	6 263
Value of livestock	1978	6 240	(X)	195 720	5 644	(X)	250 580
Cattle and calves	1978	5 395	326 517	193 262	4 862	161 875	29 078
	1974	4 763	331 990	100 255	4 592	150 895	(NA)
	1969	5 324	323 707	84 424	5 189	162 322	(NA)
Cows and heifers that had calved	1978	4 826	198 315	155 058	(NA)	(NA)	(NA)
	1974	4 464	201 031	79 171	(NA)	(NA)	(NA)
	1969	4 920	202 112	67 648	(NA)	(NA)	(NA)
Beef cows	1978	1 512	10 891	5 119	(NA)	(NA)	(NA)
	1974	1 204	11 825	2 542	(NA)	(NA)	(NA)
	1969	(NA)	14 861	3 047	(NA)	(NA)	(NA)
Milk cows	1978	3 919	187 424	149 939	(NA)	(NA)	(NA)
	1974	3 899	189 206	76 628	(NA)	(NA)	(NA)
	1969	4 409	187 251	64 602	(NA)	(NA)	(NA)
Hogs and pigs	1978	1 072	7 871	677	576	11 077	536
	1974	755	4 455	234	288	5 491	(NA)
	1969	422	3 780	128	154	6 349	(NA)
Feeder pigs sold	1978	(X)	(X)	(X)	278	5 957	171
	1974	(X)	(X)	(X)	98	2 811	(NA)
Sheep and lambs[2]	1978	545	9 002	513	280	5 695	336
	1974	243	4 998	213	142	2 534	(NA)
	1969	270	6 715	131	170	3 772	(NA)
Horses and ponies	1978	1 994	8 455	1 268	602	1 637	959
	1974	1 253	5 355	896	194	645	(NA)
	1969	1 746	7 193	1 015	248	900	(NA)
Chickens 3 months old or older	1978	1 217	531 740	1 273	156	412 746	(NA)
	1974	753	826 674	1 969	154	416 705	(NA)
	1969	648	448 582	840	145	190 582	(NA)
Hens and pullets of laying age	1978	1 200	504 525	1 236	137	362 499	(NA)
	1974	733	800 988	1 922	143	388 248	(NA)
	1969	609	356 196	748	134	160 613	(NA)
Broilers and other meat-type chickens	1978	242	8 407	5	65	6 375	(NA)
	1974	70	3 152	2	24	4 802	(NA)
	1969	12	11 032	5	3	30 130	(NA)
Turkeys	1978	133	4 782	33	30	11 121	(NA)

[1]Value of major poultry and livestock inventory items.
[2]Value of sales includes sheep, lambs, and wool sold.

Table 19. **Poultry—Inventory and Sales: 1978 and 1974**

		Inventory				Sales			
		All forms		Forms with sales of $2,500 or more		All forms		Forms with sales of $2,500 or more	
		Farms	Number	Farms	Number	Farms	Number	Farms	Number
Any poultry	1978	1 389	(X)	672	(X)	330	(X)	183	(X)
	1974	787	(X)	504	(X)	185	(X)	132	(X)
Chickens 3 months old or older	1978	1 217	531 740	589	519 054	156	412 746	91	409 805
	1974	753	826 674	476	818 728	154	416 705	109	415 048
Forms with—									
1 to 1,599	1978	1 198	37 140	570	24 454	137	12 416	72	9 475
1,600 to 3,199	1978	4	9 800	4	9 800	4	9 500	4	9 500
3,200 to 9,999	1978	4	27 100	4	27 100	6	46 700	6	46 700
10,000 or more	1978	11	457 700	11	457 700	9	344 130	9	344 130
Hens and pullets of laying age	1978	1 200	504 525	576	492 715	137	362 499	79	359 698
	1974	733	800 988	464	793 658	143	388 248	106	386 762
Forms with—									
1 to 99	1978	1 133	19 534	520	10 509	84	1 939	36	901
100 to 399	1978	36	7 441	25	4 656	27	4 730	17	2 967
400 to 1,599	1978	13	8 150	13	8 150	9	5 330	9	5 330
1,600 to 3,199	1978	3	7 900	3	7 900	4	9 500	4	9 500
3,200 to 9,999	1978	5	34 500	5	34 500	6	43 500	6	43 500
10,000 to 19,999	1978	4	55 000	4	55 000	4	57 500	4	57 500
20,000 to 49,999	1978	5	(D)	5	(D)	2	(D)	2	(D)
50,000 to 99,999	1978	–	–	–	–	–	–	–	–
100,000 or more	1978	1	(D)	1	(D)	1	(D)	1	(D)
Broilers and other meat-type chickens	1978	242	8 407	113	5 376	65	6 375	36	4 817
	1974	70	3 152	39	1 618	24	4 802	14	4 240
Turkeys	1978	133	4 782	49	4 114	30	11 121	19	11 034
	1974	(NA)	(NA)	27	3 714	(NA)	(NA)	8	7 507
For slaughter	1978	121	4 701	41	4 082	29	(D)	19	11 034
	1974	(NA)	(NA)	25	3 706	(NA)	(NA)	8	7 507
Hens kept for breeding	1978	27	81	12	32	1	(D)	–	–
	1974	(NA)	(NA)	5	8	(NA)	(NA)	–	–
Ducks, geese, and other poultry	1978	602	(X)	230	(X)	84	(X)	56	(X)
	1974	(NA)	(X)	57	(X)	(NA)	(X)	7	(X)

Table 19. **Poultry—Inventory and Sales: 1978 and 1974**—Con.

	Selected poultry inventory, 1978—All farms									
	Chickens 3 months old or older						Pullet chicks and pullets under 3 months old		Broilers and other meat-type chickens	
	Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age					
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Forms	Number
Forms with chickens 3 months old or older, inventory	1 217	531 740	1 200	504 525	140	27 215	54	33 377	205	6 029
1 to 99	1 149	21 199	1 133	19 534	132	1 665	46	427	201	4 458
100 to 399	36	(D)	36	(D)	1	(D)	1	(D)	2	(D)
400 to 1,599	13	8 450	13	(D)	1	(D)	1	(D)	2	(D)
1,600 to 3,199	4	9 800	3	(D)	1	(D)	1	(D)	–	–
3,200 to 9,999	4	27 100	4	(D)	1	(D)	–	–	–	–
10,000 to 19,999	5	69 500	5	(D)	1	(D)	2	(D)	–	–
20,000 to 49,999	5	138 200	5	122 000	3	16 200	3	18 700	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–	–	–
100,000 or more	1	(D)	1	(D)	–	–	–	–	–	–
None	(X)	(X)	(X)	(X)	(X)	(X)	11	23 608	37	2 378

	Selected poultry sales, 1978—All farms									
	Chickens 3 months old or older						Broilers and other meat-type chickens		Value of poultry and poultry products	
	Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age					
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Forms	Value ($1,000)
Forms with chickens 3 months old or older, inventory	(NA)	374 913	118	360 618	12	14 295	30	4 276	385	5 990
1 to 99	(NA)	(D)	61	1 244	10	(D)	26	2 781	319	(D)
100 to 399	(NA)	3 354	25	3 354	–	–	2	(D)	34	63
400 to 1,599	(NA)	3 890	13	3 890	–	–	2	(D)	13	99
1,600 to 3,199	(NA)	6 230	4	6 230	–	–	–	–	4	122
3,200 to 9,999	(NA)	18 200	4	18 200	–	–	–	–	4	374
10,000 to 19,999	(NA)	52 600	5	52 600	–	–	–	–	5	797
20,000 to 49,999	(NA)	89 130	5	(D)	2	(D)	–	–	5	1 460
50,000 to 99,999	(NA)	–	–	–	–	–	–	–	–	–
100,000 or more	(NA)	(D)	1	(D)	–	–	–	–	1	(D)
None	(NA)	37 833	19	1 881	10	35 952	35	2 099	81	273

	Selected poultry sales, 1978—All farms—Con.									
	Chickens 3 months old or older		Hens and pullets of laying age		Pullets 3 months old or older not of laying age		Broilers and other meat-type chickens		Pullet chicks and pullets under 3 months old	
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Forms	Number
Specified poultry sold	156	412 746	137	362 499	22	50 247	65	6 375	12	(D)
1 to 1,999	138	14 316	121	13 899	19	447	65	6 375	12	(D)
2,000 to 3,999	3	7 600	3	7 600	–	–	–	–	–	–
4,000 to 7,999	3	19 300	4	25 900	–	–	–	–	–	–
8,000 to 15,999	5	(D)	4	40 100	2	(D)	–	–	–	–
16,000 to 29,999	6	121 630	4	(D)	1	(D)	–	–	–	–
30,000 to 59,999	–	–	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–	–	–
100,000 or more	1	(D)	1	(D)	–	–	–	–	–	–

	Selected poultry sales, 1978—All farms—Con.					
	Turkeys		Turkeys for slaughter		Turkey hens kept for breeding	
	Forms	Number	Forms	Number	Forms	Number
Specified poultry sold	30	11 121	29	(D)	1	(D)
1 to 1,999	27	1 471	26	(D)	1	(D)
2,000 to 3,999	2	(D)	2	(D)	–	–
4,000 to 7,999	1	(D)	1	(D)	–	–
8,000 to 15,999	–	–	–	–	–	–
16,000 to 29,999	–	–	–	–	–	–
30,000 to 59,999	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–

Table 20. **Cattle and Calves—Inventory and Sales: 1978 and 1974**

		Inventory				Sales					
		All farms		Farms with sales of $2,500 or more		All farms			Farms with sales of $2,500 or more		
		Forms	Number	Forms	Number	Forms	Number	Sales ($1,000)	Forms	Number	Sales ($1,000)
Any livestock	1978	6 240	(X)	4 307	(X)	5 644	(X)	250 580	4 276	(X)	248 572
	1974	(NA)	(X)	4 052	(X)	4 845	(X)	180 557	4 025	(X)	179 519
Any cattle, hogs, or sheep	1978	5 722	(X)	4 155	(X)	5 252	(X)	29 950	4 171	(X)	28 937
	1974	4 874	(X)	3 972	(X)	4 695	(X)	(NA)	3 977	(X)	18 891
Cattle and calves	1978	5 395	326 517	4 089	313 270	4 862	161 875	29 078	4 097	158 153	28 308
	1974	4 763	331 990	3 938	320 346	4 592	150 895	(NA)	3 945	147 290	18 589
Farms with—											
1 to 9	1978	1 136	5 764	324	(D)	1 324	(D)	(D)	640	(D)	(D)
10 to 19	1978	631	8 538	272	3 904	786	11 047	2 171	717	10 168	2 073
20 to 49	1978	1 015	34 177	894	31 001	1 753	55 714	8 725	1 746	55 528	8 680
50 to 99	1978	1 566	111 660	1 557	111 014	789	51 897	8 731	784	51 581	8 701
100 to 199	1978	847	110 755	843	110 127	167	21 643	3 849	167	21 643	3 849
200 to 499	1978	191	50 142	190	(D)	38	11 521	2 831	38	11 521	2 831
500 to 999	1978	9	5 481	9	5 481	4	2 721	760	4	2 721	760
1,000 to 2,499	1978	–	–	–	–	1	(D)	(D)	1	(D)	(D)
2,500 or more	1978	–	–	–	–	–	–	–	–	–	–
Cows and heifers that had calved	1978	4 826	198 315	3 778	192 909	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	4 464	201 031	3 785	195 948	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Beef cows	1978	1 512	10 891	765	7 144	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	1 204	11 825	680	7 964	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Milk cows	1978	3 919	187 424	3 428	185 765	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	3 899	189 206	3 570	187 984	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Heifers and heifer calves	1978	4 535	113 526	3 622	108 066	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	(NA)	(NA)	3 496	105 653	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Steers, steer calves, bulls, and bull calves	1978	3 111	14 676	2 309	12 295	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	(NA)	(NA)	2 308	18 745	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cattle fattened on grain and concentrates sold	1978	(X)	(X)	(X)	(X)	400	3 405	1 357	237	3 116	1 257
	1974	(X)	(X)	(X)	(X)	(NA)	(NA)	(NA)	185	2 536	789
Farms with fattened cattle sold:											
1 to 9	1978	(X)	(X)	(X)	(X)	315	892	335	152	603	236
10 to 19	1978	(X)	(X)	(X)	(X)	45	534	203	45	534	203
20 to 49	1978	(X)	(X)	(X)	(X)	32	825	358	32	825	358
50 to 99	1978	(X)	(X)	(X)	(X)	3	202	97	3	202	97
100 to 199	1978	(X)	(X)	(X)	(X)	4	(D)	(D)	4	(D)	(D)
200 to 499	1978	(X)	(X)	(X)	(X)	1	(D)	(D)	1	(D)	(D)
500 to 999	1978	(X)	(X)	(X)	(X)	–	–	–	–	–	–
1,000 to 2,499	1978	(X)	(X)	(X)	(X)	–	–	–	–	–	–
2,500 or more	1978	(X)	(X)	(X)	(X)	–	–	–	–	–	–
Cows and heifers that had calved	1978	4 826	198 315	3 778	192 909	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	4 464	201 031	3 785	195 948	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Beef cows	1978	1 512	10 891	765	7 144	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Forms with—											
1 to 9	1978	1 161	3 683	516	1 637	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
10 to 19	1978	211	2 775	135	1 848	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20 to 49	1978	122	3 017	100	2 511	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
50 to 99	1978	14	845	11	677	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
100 to 199	1978	3	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 to 499	1978	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500 to 999	1978	–	–	–	–	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1,000 or more	1978	–	–	–	–	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Milk cows	1978	3 919	187 424	3 428	185 765	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Farms with—											
1 or 2	1978	497	603	147	184	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3 or 4	1978	135	461	45	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
5 to 9	1978	82	561	60	436	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
10 to 19	1978	179	2 626	165	2 486	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20 to 49	1978	1 426	49 707	1 416	49 462	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
50 to 99	1978	1 248	82 258	1 244	81 947	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
100 to 499	1978	349	49 366	348	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500 or more	1978	3	1 842	3	1 842	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cattle sold	1978	(X)	(X)	(X)	(X)	4 129	52 046	22 013	3 510	50 348	21 429
Farms with—											
1 to 9	1978	(X)	(X)	(X)	(X)	2 342	10 175	3 851	1 730	8 601	3 308
10 to 19	1978	(X)	(X)	(X)	(X)	1 070	13 946	5 604	1 066	13 897	5 591
20 to 49	1978	(X)	(X)	(X)	(X)	597	16 707	7 288	594	16 632	7 260
50 to 99	1978	(X)	(X)	(X)	(X)	92	5 838	2 622	92	5 838	2 622
100 to 199	1978	(X)	(X)	(X)	(X)	21	2 727	1 408	21	2 727	1 408
200 to 499	1978	(X)	(X)	(X)	(X)	6	(D)	(D)	6	(D)	(D)
500 to 999	1978	(X)	(X)	(X)	(X)	1	(D)	(D)	1	(D)	(D)
1,000 or more	1978	(X)	(X)	(X)	(X)	–	–	–	–	–	–
Calves sold	1978	(X)	(X)	(X)	(X)	4 040	109 829	7 065	3 588	107 805	6 879
Farms with—											
1 or 2	1978	(X)	(X)	(X)	(X)	336	490	60	107	165	16
3 or 4	1978	(X)	(X)	(X)	(X)	213	749	80	120	426	41
5 to 9	1978	(X)	(X)	(X)	(X)	506	3 608	457	433	3 169	414
10 to 19	1978	(X)	(X)	(X)	(X)	863	11 972	653	813	11 347	614
20 to 49	1978	(X)	(X)	(X)	(X)	1 593	47 603	2 260	1 590	47 518	2 256
50 to 99	1978	(X)	(X)	(X)	(X)	426	26 702	1 283	422	26 475	1 266
100 to 499	1978	(X)	(X)	(X)	(X)	99	15 984	1 511	99	15 984	1 511
500 or more	1978	(X)	(X)	(X)	(X)	4	2 721	760	4	2 721	760

Table 20. Cattle and Calves—Inventory and Sales: 1978 and 1974—Con.

	Inventory, 1978—All farms									
	Cattle and calves		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total cows		Milk cows					
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Forms	Number
Forms with milk cow inventory	3 919	300 991	3 919	191 087	3 919	187 424	3 578	102 303	2 156	7 601
1 to 4 milk cows	632	6 916	632	2 778	632	1 064	474	3 051	388	1 087
5 to 9 milk cows	82	1 661	82	708	82	561	81	687	49	266
10 to 19 milk cows	179	4 522	179	2 738	179	2 626	165	1 508	86	276
20 to 29 milk cows	397	15 905	397	9 895	397	9 563	373	5 428	194	582
30 to 49 milk cows	1 029	64 595	1 029	40 523	1 029	40 144	978	22 684	492	1 388
50 to 99 milk cows	1 248	129 700	1 248	83 045	1 248	82 258	1 191	44 186	721	2 469
100 to 199 milk cows	304	58 772	304	37 836	304	37 650	275	19 679	195	1 257
200 to 499 milk cows	45	16 679	45	11 722	45	11 716	38	4 708	29	(D)
500 milk cows or more	3	2 241	3	1 842	3	1 842	3	372	2	(D)
No milk cows	1 476	25 526	907	7 228	(X)	(X)	957	11 223	955	7 075

	Sales, 1978—All farms								
	Cattle and calves			Cattle		Calves		Dairy products	
	Forms	Number	Sales ($1,000)	Forms	Number	Forms	Number	Forms	Sales ($1,000)
Forms with milk cow inventory	3 675	138 413	21 684	3 178	40 765	3 373	97 648	3 312	217 907
1 to 4 milk cows	396	3 313	921	276	1 807	274	1 506	76	83
5 to 9 milk cows	74	699	163	68	322	49	377	45	256
10 to 19 milk cows	179	2 546	584	133	1 004	155	1 542	165	2 203
20 to 29 milk cows	397	7 204	1 103	336	2 287	359	4 917	397	9 115
30 to 49 milk cows	1 029	28 855	4 231	918	8 160	988	20 695	1 029	44 872
50 to 99 milk cows	1 248	59 015	8 722	1 126	16 165	1 210	42 850	1 248	97 881
100 to 199 milk cows	304	26 433	4 098	280	7 488	293	18 945	304	46 360
200 to 499 milk cows	45	8 354	1 288	38	2 324	42	6 030	45	14 621
500 milk cows or more	3	1 994	573	3	1 208	3	786	3	2 516
No milk cows	1 187	23 462	7 394	951	11 281	667	12 181	51	1 414

	Inventory, 1978—All farms										
	Cattle and calves		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves		Sales of cattle and calves, 1978		
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Sales ($1,000)
Forms with cattle and calves inventory	5 395	326 517	4 826	198 315	4 535	113 526	3 111	14 676	4 729	156 442	27 210
1 to 9 cattle and calves	1 136	5 764	805	1 948	611	1 728	689	2 088	577	3 524	871
10 to 19 cattle and calves	631	8 538	523	3 613	525	3 562	384	1 363	532	5 084	1 496
20 to 49 cattle and calves	1 015	34 177	929	20 650	903	11 412	526	2 115	1 007	17 447	3 340
50 to 99 cattle and calves	1 566	111 660	1 538	71 003	1 497	36 896	844	3 761	1 566	53 346	8 297
100 to 199 cattle and calves	847	110 755	836	67 903	809	39 613	526	3 239	847	50 248	8 086
200 to 499 cattle and calves	191	50 142	186	29 054	181	19 034	134	2 054	191	23 139	4 275
500 to 999 cattle and calves	9	5 481	9	4 144	9	1 281	8	56	9	3 654	845
1,000 to 2,499 cattle and calves	–	–	–	–	–	–	–	–	–	–	–
2,500 cattle and calves or more	–	–	–	–	–	–	–	–	–	–	–
No cattle and calves	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	133	5 433	1 868
Forms with cows and heifers that had calved inventory	4 826	316 107	4 826	198 315	4 167	107 147	2 762	10 645	4 312	146 106	24 086
1 to 4 cows	1 000	8 039	1 000	2 294	699	4 035	650	1 710	537	3 927	1 196
5 to 9 cows	292	4 595	292	1 912	228	1 904	198	779	264	3 057	853
10 to 19 cows	380	8 871	380	5 294	286	2 483	218	1 094	357	4 527	1 175
20 to 29 cows	461	17 870	461	10 958	413	6 081	212	831	461	8 346	1 485
30 to 49 cows	1 067	66 306	1 067	41 593	1 012	22 949	515	1 764	1 067	29 480	4 440
50 to 99 cows	1 264	130 493	1 264	83 469	1 205	44 446	734	2 578	1 264	59 368	8 855
100 to 199 cows	312	60 291	312	38 821	281	19 993	203	1 477	312	26 883	4 158
200 to 499 cows	47	17 401	47	12 132	40	(D)	30	(D)	47	8 524	1 350
500 to 999 cows	3	2 241	3	1 842	3	(D)	2	(D)	3	1 994	573
1,000 cows or more	–	–	–	–	–	–	–	–	–	–	–
No cows	569	10 410	(X)	(X)	368	6 379	349	4 031	550	15 769	4 992
Forms with beef cow inventory	1 512	45 342	1 512	26 338	1 100	14 622	979	4 382	1 161	19 807	4 499
1 to 4 beef cows	897	21 807	897	11 906	671	8 273	591	1 628	586	9 085	1 735
5 to 9 beef cows	264	7 621	264	4 345	197	2 563	184	713	239	4 338	1 023
10 to 19 beef cows	211	7 029	211	4 334	128	1 816	137	879	196	3 027	812
20 to 29 beef cows	94	4 010	94	2 703	68	989	31	318	94	1 772	499
30 to 49 beef cows	28	2 012	28	1 219	22	429	20	364	28	683	197
50 to 99 beef cows	14	1 706	14	1 260	10	266	12	180	14	678	156
100 to 199 beef cows	3	(D)	3	(D)	3	(D)	3	(D)	3	(D)	(D)
200 to 499 beef cows	1	(D)	1	(D)	1	(D)	1	(D)	1	(D)	(D)
500 to 999 beef cows	–	–	–	–	–	–	–	–	–	–	–
1,000 beef cows or more	–	–	–	–	–	–	–	–	–	–	–
No beef cows	3 883	281 175	3 314	171 977	3 435	98 904	2 132	10 294	3 701	142 068	24 579

Table 20. **Cattle and Calves—Inventory and Sales: 1978 and 1974—Con.**

	Sales, 1978—All farms											
	Cattle and calves			Cattle						Calves		
							Fattened on grain and concentrates					
	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)
Farms with sales of cattle and calves	4 862	161 875	29 078	4 129	52 046	22 013	400	3 405	1 357	4 040	109 829	7 065
1 to 4 cattle and calves	696	1 680	496	557	1 084	422	159	264	93	316	596	74
5 to 9 cattle and calves	628	4 458	1 096	403	1 799	702	58	199	78	470	2 659	394
10 to 19 cattle and calves	786	11 047	2 171	658	4 537	1 784	71	423	160	626	6 510	388
20 to 49 cattle and calves	1 753	55 714	8 725	1 592	16 759	6 838	78	881	357	1 664	38 955	1 887
50 to 99 cattle and calves	789	51 897	8 731	740	16 509	7 027	25	532	237	761	35 388	1 704
100 to 199 cattle and calves	167	21 643	3 849	150	6 526	3 001	5	453	235	163	15 117	848
200 to 499 cattle and calves	38	11 521	2 831	28	3 924	1 833	4	653	197	35	7 597	997
500 cattle and calves or more	5	(D)	1 178	1	(D)	(D)	–	–	–	5	(D)	773
500 to 999 cattle and calves	4	2 721	(D)	–	–	–	–	–	–	4	2 721	(D)
1,000 cattle and calves or more	1	(D)	(D)	1	(D)	(D)	–	–	–	1	(D)	(D)
Farms with beef cow inventory	1 161	19 807	4 499	1 009	8 484	3 447	213	974	377	753	11 323	1 052
1 to 4 beef cows	586	9 085	1 735	509	3 414	1 421	99	225	91	374	5 671	314
5 to 9 beef cows	239	4 338	1 023	219	1 618	641	40	148	58	165	2 720	382
10 to 19 beef cows	196	3 027	812	180	1 800	710	51	335	120	116	1 227	103
20 to 29 beef cows	94	1 772	499	57	825	302	12	126	51	68	947	197
30 to 49 beef cows	28	683	(D)	27	394	174	9	(D)	(D)	15	289	23
50 to 99 beef cows	14	(D)	156	14	291	129	2	(D)	(D)	13	(D)	(D)
100 to 199 beef cows	3	124	26	2	(D)	(D)	–	–	–	2	(D)	(D)
200 to 499 beef cows	1	(D)	(D)	1	(D)	(D)	–	–	–	–	–	–
500 to 999 beef cows	–	–	–	–	–	–	–	–	–	–	–	–
1,000 beef cows or more	–	–	–	–	–	–	–	–	–	–	–	–
No beef cows	3 701	142 068	24 579	3 120	43 562	18 566	187	2 431	980	3 287	98 506	6 013

Table 21. **Hogs and Pigs—Inventory and Sales: 1978 and 1974**

		Inventory				Sales					
		All forms		Forms with sales of $2,500 or more		All forms			Forms with sales of $2,500 or more		
		Forms	Number	Forms	Number	Forms	Number	Sales ($1,000)	Forms	Number	Sales ($1,000)
Total hogs and pigs	1978	1 072	7 871	498	3 960	576	11 077	536	228	7 125	372
	1974	755	4 455	509	3 340	288	5 491	(NA)	190	4 388	172
Farms with—											
1 to 24	1978	1 007	3 807	466	1 890	474	3 807	196	158	1 395	100
	1974	732	3 049	490	2 034	234	1 738	(NA)	148	1 179	58
25 to 49	1978	39	1 230	16	487	63	2 125	98	38	1 224	65
	1974	16	524	12	424	30	964	(NA)	22	720	26
50 to 99	1978	10	696	9	(D)	19	1 412	48	13	1 047	40
	1974	4	233	4	233	16	1 071	(NA)	12	771	22
100 to 199	1978	14	1 697	6	737	13	1 815	90	13	1 815	90
	1974	1	(D)	1	(D)	4	562	(NA)	4	562	26
200 to 499	1978	2	(D)	1	(D)	6	1 378	82	5	(D)	(D)
	1974	2	(D)	2	(D)	4	1 156	(NA)	4	1 156	38
500 or more	1978	–	–	–	–	1	(D)	(D)	1	(D)	(D)
	1974	–	–	–	–	–	–	(NA)	–	–	–
500 to 999	1978	–	–	–	–	1	(D)	(D)	1	(D)	(D)
1,000 to 1,999	1978	–	–	–	–	–	–	–	–	–	–
2,000 to 4,999	1978	–	–	–	–	–	–	–	–	–	–
5,000 or more	1978	–	–	–	–	–	–	–	–	–	–
Hogs and pigs used or to be used for breeding	1978	503	2 049	173	885	(X)	(X)	(X)	(X)	(X)	(X)
	1974	(NA)	(NA)	153	791	(X)	(X)	(X)	(X)	(X)	(X)
Other hogs and pigs	1978	846	5 822	456	3 075	(X)	(X)	(X)	(X)	(X)	(X)
	1974	(NA)	(NA)	472	2 549	(X)	(X)	(X)	(X)	(X)	(X)
Feeder pigs sold	1978	(X)	(X)	(X)	(X)	278	5 957	171	76	3 311	93
	1974	(X)	(X)	(X)	(X)	98	2 811	(NA)	67	2 119	45
Litters of pigs farrowed between—											
Dec. 1 of preceding year and Nov. 30	1978	527	1 727	180	892	(X)	(X)	(X)	(X)	(X)	(X)
	1974	235	943	162	762	(X)	(X)	(X)	(X)	(X)	(X)
Dec. 1 of preceding year and May 31	1978	423	1 037	142	491	(X)	(X)	(X)	(X)	(X)	(X)
	1974	158	457	102	365	(X)	(X)	(X)	(X)	(X)	(X)
June 1 and Nov. 30	1978	230	690	119	401	(X)	(X)	(X)	(X)	(X)	(X)
	1974	173	486	129	397	(X)	(X)	(X)	(X)	(X)	(X)

Table 21. **Hogs and Pigs—Inventory and Sales: 1978 and 1974—Con.**

	Inventory, 1978—All farms						Sales, 1978—All farms					
	Hogs and pigs		Used or to be used for breeding		Other hogs and pigs		Hogs and pigs			Feeder pigs sold		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)
Farms with hogs and pigs inventory	1 072	7 871	503	2 049	846	5 822	507	10 510	479	269	5 879	168
1 to 9 hogs and pigs	944	2 935	393	778	725	2 157	379	4 095	167	197	2 438	69
10 to 24 hogs and pigs	63	872	55	221	59	651	63	1 319	62	25	678	15
25 to 99 hogs and pigs	49	1 926	41	569	46	1 357	49	3 405	131	37	2 345	69
100 to 199 hogs and pigs	14	(D)	13	(D)	14	(D)	14	(D)	(D)	9	(D)	(D)
200 to 499 hogs and pigs	2	(D)	1	(D)	2	(D)	2	(D)	(D)	1	(D)	(D)
500 to 999 hogs and pigs	–	–	–	–	–	–	–	–	–	–	–	–
1,000 hogs and pigs or more	–	–	–	–	–	–	–	–	–	–	–	–
No hogs and pigs	(X)	(X)	(X)	(X)	(X)	(X)	69	567	57	9	78	2
Farms with hogs and pigs sold	507	6 150	384	1 729	332	4 421	576	11 077	536	278	5 957	171
1 to 9 hogs and pigs	304	971	205	255	162	716	360	2 013	96	157	1 277	38
10 to 49 hogs and pigs	165	3 008	144	919	141	2 089	177	3 919	197	99	2 120	64
50 to 99 hogs and pigs	19	507	18	153	14	354	19	1 412	48	12	773	19
100 to 199 hogs and pigs	12	1 008	11	227	11	781	13	1 815	90	5	656	16
200 to 499 hogs and pigs	6	(D)	5	(D)	3	(D)	6	(D)	(D)	4	(D)	(D)
500 to 999 hogs and pigs	1	(D)	1	(D)	1	(D)	1	(D)	(D)	1	(D)	(D)
1,000 hogs and pigs or more	–	–	–	–	–	–	–	–	–	–	–	–
No hogs and pigs	565	1 721	119	320	514	1 401	(X)	(X)	(X)	(X)	(X)	(X)
Forms by litters farrowed	514	5 831	502	2 045	289	3 786	409	9 740	404	277	5 955	171
1 litter	163	799	160	311	113	488	93	631	28	42	266	7
2 to 4 litters	283	1 858	274	609	123	1 249	247	3 479	142	185	2 265	66
5 to 9 litters	30	477	30	201	20	276	31	1 233	52	26	897	22
10 to 19 litters	26	1 806	26	586	25	1 220	26	1 783	63	18	1 038	32
20 to 49 litters	11	(D)	11	(D)	7	(D)	11	(D)	(D)	5	(D)	(D)
50 to 99 litters	1	(D)	1	(D)	1	(D)	1	(D)	(D)	1	(D)	(D)
100 to 199 litters	–	–	–	–	–	–	–	–	–	–	–	–
200 litters or more	–	–	–	–	–	–	–	–	–	–	–	–
No litters	558	2 040	1	(D)	557	(D)	167	1 337	132	1	(D)	(D)

	Litters of pigs farrowed between Dec. 1, 1977, and Nov. 30, 1978—All farms					
	Total		Dec. 1, 1977, and May 31, 1978		June 1, 1978, and Nov. 30, 1978	
	Farms	Number	Farms	Number	Farms	Number
Forms by litters farrowed—	527	1 727	423	1 037	230	690
1 litter	168	168	107	107	61	61
2 to 4 litters	290	692	257	512	104	180
5 to 9 litters	31	190	29	102	30	88
10 to 19 litters	26	343	18	126	24	217
20 to 49 litters	11	(D)	11	(D)	10	(D)
50 to 99 litters	1	(D)	1	(D)	1	(D)
100 to 199 litters	–	–	–	–	–	–
200 litters or more	–	–	–	–	–	–

Table 22. **Sheep and Lambs—Inventory and Sales: 1978 and 1974**

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
Inventory of—				
Sheep and lambs ... farms	545	243	208	114
number	9 002	4 998	5 252	3 084
Ewes 1 year old or older ... farms	478	(NA)	175	90
number	6 177	(NA)	3 727	2 164
Sheep and lambs sold ... farms	280	142	148	75
number	5 695	2 534	4 362	1 817
Sheep and lambs shorn ... farms	452	(NA)	166	72
number	7 475	(NA)	4 503	2 438
pounds of wool	55 008	(NA)	31 974	18 441
Value of sales from sheep, lambs, and wool ... farms	469	(NA)	174	84
$1,000	336	(NA)	257	130

	Inventory, 1978—All farms				Sales, 1978—All farms						
	Sheep and lambs		Ewes 1 year old or older		Sheep and lambs		Sheep and lambs shorn			Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Sales ($1,000)
Forms with sheep and lambs inventory	545	9 002	478	6 177	260	5 359	437	7 280	53 453	449	320
1 to 24 sheep and lambs	465	3 436	399	2 369	181	1 791	359	2 754	21 493	370	96
25 to 99 sheep and lambs	64	3 004	63	2 026	63	1 625	62	2 242	16 783	63	91
100 to 299 sheep and lambs	16	2 562	16	1 782	16	1 943	16	2 284	15 177	16	133
300 to 999 sheep and lambs	–	–	–	–	–	–	–	–	–	–	–
1,000 to 2,499 sheep and lambs	–	–	–	–	–	–	–	–	–	–	–
2,500 to 4,999 sheep and lambs	–	–	–	–	–	–	–	–	–	–	–
5,000 sheep and lambs or more	–	–	–	–	–	–	–	–	–	–	–
No sheep and lambs	(X)	(X)	(X)	(X)	20	336	15	195	1 555	20	16
Forms with ewes 1 year old or older inventory	478	8 749	478	6 177	249	5 275	420	7 214	52 948	429	315
1 to 24 ewes	416	3 795	416	2 687	188	2 016	359	3 110	24 165	368	107
25 to 99 ewes	57	3 852	57	2 687	56	2 539	56	3 230	23 479	56	165
100 to 199 ewes	4	(D)	4	(D)	4	(D)	4	(D)	(D)	4	(D)
200 to 499 ewes	1	(D)	1	(D)	1	(D)	1	(D)	(D)	1	(D)
500 to 999 ewes	–	–	–	–	–	–	–	–	–	–	–
1,000 to 2,499 ewes	–	–	–	–	–	–	–	–	–	–	–
2,500 to 4,999 ewes	–	–	–	–	–	–	–	–	–	–	–
5,000 ewes or more	–	–	–	–	–	–	–	–	–	–	–
No ewes	67	253	(X)	(X)	31	420	32	261	2 060	40	21

Table 23. **Other Livestock and Livestock Products—Inventory and Sales: 1978 and 1974**

		Inventory			Sales		
			Farms with sales of $2,500 or more			Farms with sales of $2,500 or more	
		All farms, 1978	1978	1974	All farms, 1978	1978	1974
Horses and ponies	farms	1 994	1 087	830	602	326	117
	number	8 455	4 741	3 827	1 637	948	467
	$1,000	(X)	(X)	(X)	959	658	234
Mules, burros, and donkeys	farms	49	26	17	5	3	1
	number	76	33	37	13	(D)	(D)
	$1,000	(X)	(X)	(X)	2	(D)	(D)
Mink and their pelts	farms	4	4	1	3	3	1
	number	1 060	1 060	528	(D)	(D)	(D)
	$1,000	(X)	(X)	(X)	(D)	(D)	(D)
Colonies of bees	farms	173	114	34	6	5	–
	number	4 044	3 684	2 193	614	(D)	–
	$1,000	(X)	(X)	(X)	(D)	(D)	–
Honey sold (pounds)	farms	(X)	(X)	(X)	73	52	18
	number	(X)	(X)	(X)	169 415	162 178	109 045
	$1,000	(X)	(X)	(X)	107	101	58
Goats	farms	419	54	15	180	24	7
	number	2 201	439	80	1 033	245	22
	$1,000	(X)	(X)	(X)	29	14	1
Angora goats	farms	8	–	1	–	–	–
	number	25	–	1	–	–	–
	$1,000	(X)	(X)	(X)	–	–	–
Mohair sold (pounds)	farms	(X)	(X)	(X)	8	–	1
	number	(X)	(X)	(X)	114	–	6
	$1,000	(X)	(X)	(X)	(Z)	–	(Z)
Milk goats	farms	344	37	9	176	22	5
	number	1 898	394	57	1 017	241	20
	$1,000	(X)	(X)	(X)	28	14	1
Goats milk sold (gallons)	farms	(X)	(X)	(X)	11	6	2
	number	(X)	(X)	(X)	(D)	(D)	(D)
	$1,000	(X)	(X)	(X)	(D)	(D)	(D)
Other goats	farms	191	17	9	5	2	2
	number	278	45	22	16	(D)	(D)
	$1,000	(X)	(X)	(X)	(Z)	(D)	(D)
Rabbits and their pelts	farms	248	47	15	30	14	8
	number	8 572	2 321	1 122	16 681	16 005	8 027
	$1,000	(X)	(X)	(X)	(D)	(D)	16
Chinchillas and their pelts	farms	1	1	1	1	1	1
	number	(D)	(D)	(D)	(D)	(D)	(D)
	$1,000	(X)	(X)	(X)	(D)	(D)	(D)
Worms (see text)	farms	3	2	(NA)	2	2	(NA)
	number	(D)	(D)	(NA)	(D)	(D)	(NA)
	$1,000	(X)	(X)	(X)	(D)	(D)	(NA)
All other livestock	farms	3	2	58	–	–	11
	$1,000	(X)	(X)	(X)	–	–	4
Other livestock products	farms	(X)	(X)	(X)	7	6	(NA)
	$1,000	(X)	(X)	(X)	(D)	(D)	(NA)

Table 24. **Fish Sales: 1978**

	Total		Any				Only pounds			Only number			Acres under water for fish production	
	Farms	Sales ($1,000)	Farms	Pounds	Farms	Number	Farms	Pounds	Sales ($1,000)	Farms	Number	Sales ($1,000)	Farms	Acres
ALL FARMS														
Catfish	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Trout	7	1	1	(D)	7	1 005	–	–	–	6	975	1	4	3
Tropical and bait fish	1	(D)	–	–	1	(D)	–	–	–	1	(D)	(D)	1	(D)
Other fish	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other aquacultural products	–	–	–	(X)	–	(X)	–	(X)	(NA)	–	(X)	(NA)	–	–
FARMS WITH SALES OF $2,500 OR MORE														
Catfish	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Trout	4	(Z)	1	(D)	4	395	–	–	–	3	365	(Z)	2	(D)
Tropical and bait fish	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other fish	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other aquacultural products	–	–	–	(X)	–	(X)	–	(X)	(NA)	–	(X)	(NA)	–	–

Table 25. **Crops Harvested: 1978 and 1974**

		All farms					Forms with sales of $2,500 or more				
					Irrigated land					Irrigated land	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	2 279	102 440	(X)	12	290	2 137	100 852	(X)	12	290
	1974	2 310	94 412	(X)	(NA)	(NA)	2 229	93 840	(X)	4	153
For grain or seed (bushels)	1978	171	6 895	553 536	1	(D)	149	6 829	550 936	1	(D)
	1974	185	5 776	470 402	(NA)	(NA)	162	5 671	464 326	1	(D)
For silage or green chop (tons, green)	1978	2 190	95 543	1 351 610	11	283	2 067	94 023	1 330 870	11	283
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2 170	87 776	1 251 336	4	149
For fodder, hogged or grazed	1978	2	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	12	393	(X)	–	–
Sorghums for all purposes	1978	82	1 299	(X)	2	(D)	82	1 299	(X)	2	(D)
	1974	93	1 894	(X)	(NA)	(NA)	82	1 671	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	82	1 299	12 079	2	(D)	82	1 299	12 079	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	72	1 352	10 480	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	284	568	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	35	(X)	–	–
Wheat for grain (bushels)	1978	18	328	10 622	–	–	14	299	10 257	–	–
	1974	25	252	9 281	(NA)	(NA)	21	230	8 662	–	–
Oats for grain (bushels)	1978	135	3 366	147 097	–	–	113	3 254	143 582	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	112	2 188	99 809	–	–
Barley for grain (bushels)	1978	12	364	12 397	–	–	11	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	24	587	23 260	–	–
Rye for grain (bushels)	1978	5	15	666	–	–	4	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	17	390	–	–
Other small grains for grain	1978	8	132	(X)	–	–	6	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	86	(X)	–	–
Soybeans for beans (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	7	107	3 260	(NA)	(NA)	7	107	3 260	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	120	701	127 284	11	(D)	77	672	124 193	2	(D)
	1974	198	1 035	221 208	(NA)	(NA)	120	983	216 224	3	3
Sweetpotatoes (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	5 965	493 499	879 189	11	264	4 331	448 081	826 496	11	264
	1974	5 074	431 888	783 415	(NA)	(NA)	4 051	405 328	750 506	9	197
Alfalfa hay (tons, dry)	1978	2 057	99 443	220 029	1	(D)	1 776	93 693	212 387	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1 562	80 639	182 765	2	(D)
Other tame dry hay (tons, dry) (see text)	1978	4 251	256 038	462 498	6	81	3 205	229 240	429 107	6	81
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	234 538	438 126	(NA)	(D)
Field seed crops	1978	3	112	(X)	–	–	3	112	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	51	1 600	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	16	290	10 222	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	23	328	15 202	–	–
All vegetables harvested for sale (see text)	1978	282	1 600	(X)	31	306	175	1 426	(X)	19	288
	1974	229	1 338	(X)	(NA)	(NA)	154	1 177	(X)	7	40
Sweet corn	1978	221	1 001	(X)	17	(D)	138	899	(X)	7	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	134	775	(X)	4	23
Tomatoes	1978	99	87	(X)	18	25	68	79	(X)	8	23
	1974	(NA)	(NA)	(X)	(NA)	(NA)	61	54	(X)	3	1
Green peas excluding cowpeas	1978	38	25	(X)	3	(D)	27	23	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	43	44	(X)	5	3
Land in orchards	1978	394	6 494	(X)	9	212	127	4 308	(X)	5	(D)
	1974	161	5 322	(X)	(NA)	(NA)	112	5 127	(X)	1	(D)
Apples (pounds)	1978	391	6 430	50 121 866	(NA)	(NA)	125	4 267	49 399 591	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	112	5 105	50 991 522	(NA)	(NA)
Peaches (pounds)	1978	8	14	(D)	(NA)	(NA)	4	12	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	27	10	4 875	(NA)	(NA)	9	5	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	152	232	(X)	35	136	87	201	(X)	25	130
	1974	79	96	(X)	(NA)	(NA)	52	83	(X)	13	40
Strawberries (pounds)	1978	118	188	679 664	35	126	76	172	642 409	25	120
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	42	70	278 107	13	36
Nursery and greenhouse products	1978	208	269	(X)	29	84	140	236	(X)	26	80
Other crops	1978	8	112	(X)	(NA)	(NA)	8	112	(X)	(NA)	(NA)

Table 26. **Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1978**

All Farms

	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 or seed (bushels)	1	(D)	35.0	–	–	–	–	170	6 888	80.3
Corn for silage or green chop (tons, green)	2	(D)	19.2	9	223	705	13.4	2 179	94 555	14.2
Sorghums for grain or seed (bushels)	–	–	–	–	–	–	–	–	–	–
Wheat for grain (bushels)	–	–	–	–	–	–	–	18	328	32.4
Oats for grain (bushels)	–	–	–	–	–	–	–	135	3 366	43.7
Barley for grain (bushels)	–	–	–	–	–	–	–	12	364	34.1
Rice (100-lb bags)	–	–	–	–	–	–	–	–	–	–
Soybeans for beans (bushels)	–	–	–	–	–	–	–	1	(D)	30.0
Peanuts for nuts (pounds)	–	–	–	–	–	–	–	–	–	–
Dry field and seed beans (100-lb bags)	–	–	–	–	–	–	–	3	(D)	3.1
Cotton (bales)	–	–	–	–	–	–	–	–	–	–
Tobacco (pounds)	–	–	–	–	–	–	–	–	–	–
Irish potatoes (hundredweight)	11	13	181.2	–	–	–	–	109	687	181.7
Sugar beets for sugar (tons)	–	–	–	–	–	–	–	–	–	–
Sugarcane for sugar (tons)	–	–	–	–	–	–	–	–	–	–
Alfalfa hay (tons, dry)	1	(D)	0.2	–	–	–	–	2 056	99 418	2.2
Small grain hay (tons, dry)	1	(D)	0.6	–	–	–	–	412	7 424	1.8
Other tame dry hay (see text) (tons, dry)	2	(D)	2.0	4	59	266	1.7	4 245	255 691	1.8
Wild hay (tons, dry)	–	–	–	–	–	–	–	953	36 825	1.2
Grass silage and haylage (tons, green)	–	–	–	4	150	630	6.2	1 022	76 952	4.5
Hay crops cut and fed green (tons, green)	–	–	–	–	–	–	–	560	16 029	3.8
Alfalfa seed (pounds)	–	–	–	–	–	–	–	–	–	–
All vegetables harvested for sale (see text)	21	292	(X)	10	14	68	(X)	251	1 226	(X)
Land in orchards	6	28	(X)	3	184	196	(X)	385	6 086	(X)
Strawberries (pounds)	32	123	3647.8	3	2	3	3601.9	83	60	3549.2

Table 27. **Crops Harvested and Value of Production: 1978 and 1974**

All Farms

	1978				1974			
	Farms	Acres	Quantity	Value of production ($1,000)	Farms	Acres	Quantity	Value of production ($1,000)
Harvested cropland	6 582	580 792	(X)	97 209	5 501	514 804	(X)	75 125
Corn for grain or seed (bushels)	171	6 895	553 536	1 273	185	5 776	470 402	1 411
Corn for silage or green chop or fodder or hogged or grazed	2 192	95 545	(X)	25 681	2 235	88 636	(X)	18 893
Sorghums for grain or seed (bushels)	–	–	–	–	–	–	–	–
Sorghums for silage or green chop or cut for dry forage or hay or hogged or grazed	82	1 299	(X)	181	93	1 894	(X)	185
Wheat for grain (bushels)	18	328	10 622	31	25	252	9 281	33
Other small grains for grain	(NA)	3 877	(X)	185	(NA)	(NA)	(X)	211
Soybeans for beans (bushels)	1	(D)	(D)	3	7	107	3 260	23
Peanuts for nuts (pounds)	–	–	–	–	–	–	–	–
Cotton (bales)	–	–	–	–	–	–	–	–
Tobacco (pounds)	–	–	–	–	–	–	–	–
Irish potatoes (hundredweight)	120	701	127 284	815	198	1 035	221 208	841
Sweetpotatoes (bushels)	1	(D)	(D)	(Z)	–	–	–	–
Hay crops (tons, dry) (see text)	5 965	493 499	879 189	59 112	5 074	431 888	783 415	45 549
All vegetables harvested for sale (see text)	282	1 600	(X)	1 164	229	1 338	(X)	634
Land in orchards	394	6 494	(X)	6 081	161	5 322	(X)	5 661
Berries	152	232	(X)	366	79	96	(X)	138
Other crops (including nursery and greenhouse products)	(NA)	493	(X)	2 317	(NA)	(NA)	(X)	1 548

Table 28. **Crops by Acres Harvested: 1978**

	All farms					Farms with sales of $2,500 or more				
				Irrigated land					Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes:										
Acres harvested	2 279	102 440	(X)	12	290	2 137	100 852	(X)	12	290
1 to 14 acres	506	4 084	(X)	–	–	400	3 461	(X)	–	–
15 to 24 acres	410	7 622	(X)	2	(D)	382	7 149	(X)	2	(D)
25 to 49 acres	597	20 004	(X)	3	74	593	19 858	(X)	3	74
50 to 99 acres	519	34 263	(X)	2	(D)	516	34 026	(X)	2	(D)
100 to 249 acres	229	(D)	(X)	5	174	228	(D)	(X)	5	174
250 to 499 acres	17	5 350	(X)	–	–	17	5 350	(X)	–	–
500 to 999 acres	1	(D)	(X)	–	–	1	(D)	(X)	–	–
1,000 acres or more	–	–	(X)	–	–	–	–	(X)	–	–
Oats for grain (bushels):										
Acres harvested	135	3 366	147 097	–	–	113	3 254	143 582	–	–
1 to 14 acres	72	517	22 496	–	–	51	435	20 481	–	–
15 to 24 acres	22	376	17 800	–	–	22	376	17 800	–	–
25 to 49 acres	23	779	41 777	–	–	22	(D)	(D)	–	–
50 to 99 acres	15	1 094	37 524	–	–	15	1 094	37 524	–	–
100 to 249 acres	2	(D)	(D)	–	–	2	(D)	(D)	–	–
250 to 499 acres	1	(D)	(D)	–	–	1	(D)	(D)	–	–
500 to 999 acres	–	–	–	–	–	–	–	–	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
Irish potatoes (hundredweight):										
Acres harvested	120	701	127 284	11	(D)	77	672	124 193	2	(D)
0.1 to 0.9 acres	82	25	2 670	8	1	50	17	1 819	–	–
1.0 to 2.9 acres	20	29	5 615	2	(D)	11	18	3 845	1	(D)
3.0 to 9.9 acres	10	53	7 130	1	(D)	8	(D)	(D)	1	(D)
10.0 to 24.9 acres	2	(D)	(D)	–	–	2	(D)	(D)	–	–
25.0 to 49.9 acres	2	(D)	(D)	–	–	2	(D)	(D)	–	–
50.0 to 99.9 acres	1	(D)	(D)	–	–	1	(D)	(D)	–	–
100.0 to 249.9 acres	3	435	82 765	–	–	3	435	82 765	–	–
250.0 to 499.9 acres	–	–	–	–	–	–	–	–	–	–
500.0 acres or more	–	–	–	–	–	–	–	–	–	–
Hay crops (tons, dry) (see text):										
Acres harvested	5 965	493 499	879 189	11	264	4 331	448 081	826 496	11	264
1 to 14 acres	573	4 741	7 766	1	(D)	150	1 300	2 500	1	(D)
15 to 24 acres	685	12 344	19 562	1	(D)	303	5 292	10 763	1	(D)
25 to 49 acres	1 348	45 817	78 336	2	(D)	719	25 341	54 126	2	(D)
50 to 99 acres	1 539	106 242	200 624	1	(D)	1 372	96 306	191 054	1	(D)
100 to 249 acres	1 528	223 089	401 892	4	90	1 497	219 185	398 145	4	90
250 to 499 acres	263	(D)	(D)	2	(D)	261	(D)	(D)	2	(D)
500 to 999 acres	28	16 742	31 485	–	–	28	16 742	31 485	–	–
1,000 acres or more	1	(D)	(D)	–	–	1	(D)	(D)	–	–
Alfalfa hay (tons, dry):										
Acres harvested	2 057	99 443	220 029	1	(D)	1 776	93 693	212 387	1	(D)
1 to 14 acres	516	4 284	10 211	–	–	363	3 052	7 961	–	–
15 to 24 acres	330	6 049	14 402	–	–	283	5 255	13 473	–	–
25 to 49 acres	493	16 414	40 200	1	(D)	438	14 675	37 977	1	(D)
50 to 99 acres	432	28 063	64 026	–	–	409	26 617	62 386	–	–
100 to 249 acres	252	33 560	70 254	–	–	250	(D)	(D)	–	–
250 to 499 acres	31	9 523	17 921	–	–	30	(D)	(D)	–	–
500 to 999 acres	3	1 550	3 015	–	–	3	1 550	3 015	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
Other tame dry hay (tons, dry) (see text):										
Acres harvested	4 251	256 038	462 498	6	81	3 205	229 240	429 107	6	81
1 to 14 acres	481	3 920	6 882	1	(D)	183	1 663	3 254	1	(D)
15 to 24 acres	592	10 664	19 446	1	(D)	359	6 360	12 954	1	(D)
25 to 49 acres	1 142	38 531	71 358	1	(D)	725	25 010	55 098	1	(D)
50 to 99 acres	1 219	81 547	152 287	2	(D)	1 135	76 600	147 346	2	(D)
100 to 249 acres	758	101 566	178 782	1	(D)	744	99 797	176 712	1	(D)
250 to 499 acres	54	15 835	24 893	–	–	54	15 835	24 893	–	–
500 to 999 acres	4	2 275	4 600	–	–	4	2 275	4 600	–	–
1,000 acres or more	1	(D)	(D)	–	–	1	(D)	(D)	–	–
All vegetables harvested for sale (see text):										
Acres harvested	282	1 600	(X)	31	306	175	1 426	(X)	19	288
0.1 to 0.9 acres	70	32	(X)	8	3	33	13	(X)	5	2
1.0 to 4.9 acres	143	296	(X)	12	21	76	159	(X)	3	4
5.0 to 14.9 acres	45	340	(X)	5	16	42	322	(X)	5	16
15.0 to 24.9 acres	12	217	(X)	5	(D)	12	217	(X)	5	(D)
25.0 to 49.9 acres	8	261	(X)	–	–	8	261	(X)	–	–
50.0 to 99.9 acres	2	(D)	(X)	–	–	2	(D)	(X)	–	–
100.0 to 249.9 acres	2	(D)	(X)	1	(D)	2	(D)	(X)	1	(D)
250.0 to 499.9 acres	–	–	(X)	–	–	–	–	(X)	–	–
500.0 acres or more	–	–	(X)	–	–	–	–	(X)	–	–
Land in orchards:										
Acres in orchards	394	6 494	(X)	9	212	127	4 308	(X)	5	(D)
0.1 to 0.9 acres	10	5	(X)	1	(D)	6	4	(X)	–	–
1.0 to 4.9 acres	127	295	(X)	4	7	39	81	(X)	2	(D)
5.0 to 14.9 acres	196	2 058	(X)	–	–	31	254	(X)	–	–
15.0 to 24.9 acres	21	352	(X)	1	(D)	11	187	(X)	–	–
25.0 to 49.9 acres	16	523	(X)	1	(D)	16	523	(X)	1	(D)
50.0 to 99.9 acres	13	915	(X)	1	(D)	13	915	(X)	1	(D)
100.0 to 249.9 acres	7	1 035	(X)	–	–	7	1 035	(X)	–	–
250.0 to 499.9 acres	4	1 310	(X)	1	(D)	4	1 310	(X)	1	(D)
500.0 acres or more	–	–	(X)	–	–	–	–	(X)	–	–

Table 28. **Crops by Acres Harvested: 1978**—Con.

	All farms, 1978								
	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Farms	Pounds
Apples:									
Acres	391	6 430	403 034	269	121 375	365	281 659	308	50 121 866
0.1 to 0.9 acres	22	9	505	14	247	16	258	9	21 490
1.0 to 4.9 acres	117	278	7 641	54	3 281	101	4 360	73	329 226
5.0 to 14.9 acres	192	2 041	83 068	165	16 933	189	66 135	174	2 298 930
15.0 to 24.9 acres	20	337	12 495	6	860	19	11 635	12	1 556 830
25.0 to 49.9 acres	16	520	30 850	11	9 425	16	21 425	16	7 484 300
50.0 to 99.9 acres	13	904	80 967	9	9 542	13	71 425	13	10 592 290
100.0 acres or more	11	2 340	187 508	10	81 087	11	106 421	11	27 838 800

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Table 29. **Summary by Tenure of Operator: 1978**

[Excludes abnormal farms; see text]

	All farms				Farms with sales of $2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARMS AND LAND IN FARMS								
Farms ..... number	7 258	4 023	2 780	455	4 835	2 171	2 335	329
..... percent	100.0	55.4	38.3	6.2	66.6	29.9	32.1	4.5
Land in farms ..... acres	1 745 390	775 381	879 539	90 470	1 479 685	553 868	842 825	82 992
Average size of farm ..... acres	240	193	316	199	306	255	361	252
Value of land and buildings[1] ..... farms	7 258	3 980	2 816	462	4 857	2 130	2 394	333
..... $1,000	1 165 074	501 711	607 470	55 894	950 587	333 679	568 242	48 666
Average per farm ..... dollars	160 522	126 057	215 720	120 982	195 714	156 656	237 360	146 144
Average per acre ..... dollars	655	643	676	568	624	587	657	543
Farms by value of land and buildings:								
$1 to $19,999	200	152	13	35	80	50	5	25
$20,000 to $39,999	704	519	112	73	197	137	42	18
$40,000 to $69,999	1 076	629	362	85	537	255	238	44
$70,000 to $99,999	1 031	718	242	71	541	290	180	71
$100,000 to $149,999	1 221	658	492	71	917	459	398	60
$150,000 to $199,999	1 169	696	437	36	896	442	418	36
$200,000 to $499,999	1 569	541	949	79	1 425	453	905	67
$500,000 to $999,999	240	48	182	10	219	28	181	10
$1,000,000 or more	48	19	27	2	45	16	27	2
Owned and rented land by operator:								
Land owned ..... farms	6 809	4 023	2 780	6	4 511	2 171	2 335	5
..... acres	1 405 706	812 979	591 690	1 037	1 148 280	574 775	572 983	522
Land rented or leased from others ..... farms	3 244	9	2 780	455	2 670	6	2 335	329
..... acres	386 327	388	295 085	90 854	360 044	198	276 482	83 364
Land rented or leased to others ..... farms	531	420	99	12	310	217	83	10
..... acres	46 643	37 986	7 236	1 421	28 639	21 105	6 640	894
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms	7 080	3 882	2 763	435	4 740	2 093	2 324	323
..... acres	858 808	338 888	469 269	50 651	762 230	265 590	449 037	47 603
Harvested cropland ..... farms	6 568	3 548	2 653	367	4 602	2 028	2 274	300
..... acres	579 014	214 804	330 260	33 950	532 016	181 178	318 975	31 863
Farms by acres harvested:								
1 to 49 acres	3 016	2 147	742	127	1 245	750	419	76
50 to 99 acres	1 422	695	614	113	1 254	580	574	100
100 to 199 acres	1 383	498	803	82	1 357	490	788	79
200 to 499 acres	693	198	451	44	692	198	450	44
500 to 999 acres	51	10	40	1	51	10	40	1
1,000 to 1,999 acres	2	–	2	–	2	–	2	–
2,000 acres or more	1	–	1	–	1	–	1	–
Cropland:								
Pasture or grazing only ..... farms	4 782	2 384	2 094	304	3 252	1 265	1 757	230
..... acres	253 140	107 712	129 691	15 737	211 756	75 160	121 734	14 862
Cover crops, legumes, and soil-improvement grasses not harvested or pastured ..... farms	291	171	99	21	190	81	90	19
..... acres	5 332	3 301	1 816	215	3 669	1 699	1 759	211
On which all crops failed ..... farms	111	57	45	9	91	42	41	8
..... acres	1 828	(D)	1 041	(D)	1 576	(D)	1 031	(D)
In cultivated summer fallow ..... farms	109	55	53	1	76	34	41	1
..... acres	1 977	(D)	1 392	(D)	1 718	(D)	1 288	(D)
Idle ..... farms	613	395	193	25	350	187	144	19
..... acres	17 517	11 892	5 069	556	11 495	6 770	4 250	475
Total woodland ..... farms	5 507	3 029	2 229	249	3 928	1 725	1 998	205
..... acres	696 460	350 005	315 360	31 095	560 516	230 490	301 989	28 037
Woodland pastured ..... farms	2 306	1 114	1 079	113	1 918	805	1 011	102
..... acres	168 042	76 116	84 175	7 751	151 110	61 410	82 483	7 217
Woodland not pastured ..... farms	4 527	2 516	1 808	203	3 135	1 357	1 613	165
..... acres	528 418	273 889	231 185	23 344	409 406	169 080	219 506	20 820
Pastureland and rangeland other than cropland and woodland pastured ..... farms	1 642	825	721	96	1 238	517	640	81
..... acres	116 543	47 238	62 742	6 563	102 499	35 482	61 580	5 437
Land in house lots, ponds, roads, wasteland, etc. ..... farms	4 217	2 411	1 626	180	2 730	1 251	1 341	138
..... acres	73 579	39 250	32 168	2 161	54 440	22 306	30 219	1 915
Pastureland, all types ..... farms	6 125	3 173	2 574	378	4 246	1 772	2 184	290
..... acres	537 725	231 066	276 608	30 051	465 365	172 052	265 797	27 516
Irrigated land ..... farms	108	72	31	5	88	53	30	5
..... acres	1 586	881	660	45	1 531	828	658	45
Harvested cropland irrigated ..... farms	95	61	29	5	76	43	28	5
..... acres	1 313	646	622	45	1 260	595	620	45
Pastureland irrigated ..... farms	13	10	3	–	12	9	3	–
..... acres	259	(D)	(D)	–	258	(D)	(D)	–
Other land irrigated ..... farms	4	3	1	–	3	2	1	–
..... acres	14	(D)	(D)	–	13	(D)	(D)	–
Land set aside in the federal farm programs in 1978 ..... farms	113	35	76	2	105	27	76	2
..... acres	1 889	(D)	1 387	(D)	1 708	(D)	1 387	(D)
RACE AND TENURE OF OPERATOR								
All operators ..... number	7 258	4 023	2 780	455	4 835	2 171	2 335	329
Full owners ..... number	4 023	4 023	–	–	2 171	2 171	–	–
Part owners ..... number	2 780	–	2 780	–	2 335	–	2 335	–
Tenants ..... number	455	–	–	455	329	–	–	329
White ..... number	7 235	4 009	2 771	455	4 822	2 159	2 334	329
Full owners ..... number	4 009	4 009	–	–	2 159	2 159	–	–
Part owners ..... number	2 771	–	2 771	–	2 334	–	2 334	–
Tenants ..... number	455	–	–	455	329	–	–	329
Black and other races ..... number	23	14	9	–	13	12	1	–
Full owners ..... number	14	14	–	–	12	12	–	–
Part owners ..... number	9	–	9	–	1	–	1	–
Tenants ..... number	–	–	–	–	–	–	–	–

See footnote at end of table.

Table 29. **Summary by Tenure of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

	All farms				Farms with sales of $2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARMS BY TYPE OF ORGANIZATION								
Individual or family ... farms	6 572	3 710	2 465	397	4 239	1 930	2 032	277
acres	1 478 116	675 435	729 274	73 407	1 228 906	468 300	693 991	66 615
Partnership ... farms	511	226	244	41	441	171	233	37
acres	188 748	67 793	108 532	12 423	176 853	57 863	107 223	11 767
Corporations:								
Family held ... farms	125	59	55	11	118	54	55	9
acres	59 679	20 625	35 345	3 709	58 442	19 418	35 345	3 679
More than 10 stockholders ... farms	4	2	2	–	3	1	2	–
10 or less stockholders ... farms	121	57	53	11	115	53	53	9
Other than family held ... farms	20	10	9	1	20	10	9	1
acres	9 735	5 306	(D)	(D)	9 735	5 306	(D)	(D)
More than 10 stockholders ... farms	1	1	–	–	1	1	–	–
10 or less stockholders ... farms	19	9	9	1	19	9	9	1
Other—cooperative, estate or trust, etc. ... farms	30	18	7	5	17	6	6	5
acres	9 112	6 222	(D)	(D)	5 749	2 981	(D)	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	6 363	3 438	2 568	357	4 214	1 795	2 161	258
Not on farm operated	484	284	117	83	320	173	89	58
Operators by age group:								
Under 25 years	159	49	53	57	112	37	32	43
25 to 34 years	1 159	406	571	182	818	198	477	143
35 to 44 years	1 756	992	665	99	1 041	425	541	75
45 to 54 years	1 780	967	735	78	1 259	596	624	39
55 to 64 years	1 394	827	543	24	1 016	500	498	18
65 years and over	1 010	782	213	15	589	415	163	11
Average age	48.3	51.1	46.1	37.1	48.1	51.8	46.4	35.9
Operators by sex:								
Male	6 666	3 561	2 667	438	4 593	2 009	2 259	325
Female	592	462	113	17	242	162	76	4
Operators of Spanish origin	35	22	13	–	20	9	11	–
Operators by principal occupation:								
Farming	4 564	2 081	2 160	323	3 903	1 552	2 067	284
Other	2 694	1 942	620	132	932	619	268	45
Operators reporting days of work off farm:								
None	3 472	1 799	1 457	216	2 887	1 269	1 419	199
1 to 99 days	768	371	351	46	581	226	320	35
100 to 199 days	672	304	317	51	386	125	234	27
200 days or more	2 095	1 404	558	133	762	432	269	61
FARMS BY SIZE								
1 to 9 acres	316	238	15	63	111	98	5	8
10 to 49 acres	862	564	236	62	241	147	65	29
50 to 69 acres	362	236	106	20	133	86	34	13
70 to 99 acres	580	434	125	21	194	119	56	19
100 to 139 acres	897	540	304	53	523	226	253	44
140 to 179 acres	656	454	173	29	403	237	140	26
180 to 219 acres	579	337	203	39	444	230	185	29
220 to 259 acres	525	259	239	27	456	201	230	25
260 to 499 acres	1 680	697	882	101	1 571	602	873	96
500 to 999 acres	681	226	417	38	648	194	416	38
1,000 to 1,999 acres	111	31	78	2	104	26	76	2
2,000 acres or more	9	7	2	–	7	5	2	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	13	6	5	2	9	3	4	2
Field crop, except cash grain farms (013)	1 033	824	186	23	471	351	103	17
Cotton farms (0131)	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	1 033	824	186	23	471	351	103	17
Vegetable and melon farms (016)	102	67	17	18	62	34	12	16
Fruit and tree nut farms (017)	166	137	27	2	85	65	18	2
Horticultural specialty farms (018)	164	135	25	4	104	76	25	3
General farms, primarily crop (019)	301	176	89	36	14	8	6	–
Livestock farms, except dairy, poultry, and animal specialty (021)	1 656	1 119	426	111	634	382	211	41
Beef cattle farms, except feedlots (0212)	1 086	714	293	79	494	311	147	36
Dairy farms (024)	3 198	1 155	1 794	249	3 185	1 151	1 792	242
Poultry and egg farms (025)	84	68	16	–	40	35	5	–
Animal specialty farms (027)	322	256	59	7	78	48	27	3
General farms, primarily livestock (029)	219	80	136	3	153	18	132	3
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold ... farms	7 258	4 023	2 780	455	4 835	2 171	2 335	329
$1,000	273 488	96 937	161 257	15 294	271 309	95 200	160 876	15 233
Farms by value of agricultural products sold:								
$500,000 or more	11	2	8	1	11	2	8	1
$200,000 to $499,999	124	31	88	5	124	31	88	5
$100,000 to $199,999	632	207	400	25	632	207	400	25
$40,000 to $99,999	1 670	609	938	123	1 670	609	938	123
$20,000 to $39,999	725	326	340	59	725	326	340	59
$10,000 to $19,999	476	282	152	42	476	282	152	42
$5,000 to $9,999	455	276	144	35	455	276	144	35
$2,500 to $4,999	742	438	265	39	742	438	265	39
Less than $2,500	2 423	1 852	445	126	(X)	(X)	(X)	(X)

See footnote at end of table.

Table 29. **Summary by Tenure of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

	All farms				Farms with sales of $2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
VALUE OF PRODUCTS SOLD—Con.								
Market value of agricultural products sold—Con.								
Grain ... forms	63	28	30	5	57	24	28	5
$1,000	276	(D)	131	(D)	273	(D)	131	(D)
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Cotton and cottonseed ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage ... forms	1 669	1 068	550	51	1 036	541	451	44
$1,000	7 203	4 539	2 488	176	6 466	3 894	2 403	169
Sales of $40,000 or more ... forms	18	10	8	–	18	10	8	–
$1,000	1 219	666	553	–	1 219	666	553	–
Vegetables, sweet corn, and melons ... forms	279	174	82	23	175	87	67	21
$1,000	1 153	395	606	152	1 099	350	598	151
Sales of $40,000 or more ... forms	6	1	4	1	6	1	4	1
$1,000	431	(D)	(D)	(D)	431	(D)	(D)	(D)
Fruits, nuts, and berries ... forms	219	160	45	14	145	92	40	13
$1,000	6 102	3 162	2 502	437	6 061	3 125	2 499	437
Sales of $40,000 or more ... forms	38	26	10	2	38	26	10	2
$1,000	5 427	2 670	(D)	(D)	5 427	2 670	(D)	(D)
Nursery and greenhouse products ... forms	206	157	41	8	140	94	39	7
$1,000	2 268	1 651	501	116	2 174	1 560	500	113
Sales of $40,000 or more ... forms	17	12	4	1	17	12	4	1
$1,000	1 189	815	(D)	(D)	1 189	815	(D)	(D)
Other crops ... forms	83	51	30	2	55	29	25	1
$1,000	449	(D)	401	(D)	441	(D)	399	(D)
Sales of $40,000 or more ... forms	4	–	4	–	4	–	4	–
$1,000	356	–	356	–	356	–	356	–
Poultry and poultry products ... forms	464	275	157	32	262	133	114	15
$1,000	6 259	5 360	893	7	6 224	5 332	887	5
Sales of $40,000 or more ... forms	19	16	3	–	19	16	3	–
$1,000	5 882	5 096	786	–	5 882	5 096	786	–
Dairy products ... forms	3 356	1 236	1 859	261	3 300	1 209	1 838	253
$1,000	218 680	68 773	137 336	12 571	218 654	68 764	137 325	12 565
Sales of $40,000 or more ... forms	2 165	718	1 325	122	2 165	718	1 325	122
$1,000	192 919	58 426	124 800	9 693	192 919	58 426	124 800	9 693
Cattle and calves ... forms	4 852	2 158	2 382	312	4 097	1 632	2 187	278
$1,000	29 007	11 615	15 709	1 683	28 308	11 126	15 529	1 653
Sales of $40,000 or more ... forms	66	29	34	3	66	29	34	3
$1,000	5 596	2 616	2 765	216	5 596	2 616	2 765	216
Hogs and pigs ... forms	574	376	162	36	228	102	103	23
$1,000	507	307	150	50	372	197	129	46
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sheep, lambs, and wool ... forms	467	318	136	13	174	67	101	6
$1,000	335	122	203	10	257	71	180	6
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ... forms	874	575	272	27	405	156	227	22
$1,000	1 251	845	336	69	980	620	296	65
Sales of $40,000 or more ... forms	2	2	–	–	2	2	–	–
$1,000	(D)	(D)	–	–	(D)	(D)	–	–
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased ... forms	3 485	1 565	1 579	341	2 474	942	1 308	224
$1,000	15 959	5 700	9 070	1 189	15 364	5 469	8 743	1 152
Farms with expenses of—								
$1 to $4,999	2 714	1 281	1 155	278	1 720	667	892	161
$5,000 to $19,999	599	213	332	54	590	204	332	54
$20,000 to $49,999	142	61	77	4	134	61	69	4
$50,000 or more	30	10	15	5	30	10	15	5
Feed for livestock and poultry ... forms	6 221	3 165	2 630	426	4 350	1 770	2 279	301
$1,000	85 387	31 330	49 302	4 755	84 073	30 399	48 988	4 686
Farms with expenses of—								
$1 to $4,999	3 068	1 966	894	208	1 211	577	551	83
$5,000 to $19,999	1 541	646	763	132	1 527	640	755	132
$20,000 to $49,999	1 342	470	797	75	1 342	470	797	75
$50,000 or more	270	83	176	11	270	83	176	11
Commercially mixed formula feeds ... forms	4 972	2 312	2 316	344	3 882	1 543	2 079	260
tons	453 904	165 308	266 046	22 550	450 445	163 025	265 092	22 328
$1,000	67 039	24 639	38 893	3 507	66 458	24 273	38 720	3 465
Farms by tons purchased:								
1 to 99 tons	3 334	1 765	1 287	282	2 244	996	1 050	198
100 to 499 tons	1 558	520	977	61	1 558	520	977	61
500 tons or more	80	27	52	1	80	27	52	1
Farms with expenses of—								
$1 to $4,999	2 113	1 272	695	146	1 031	503	466	62
$5,000 to $19,999	1 686	646	894	146	1 678	646	886	146
$20,000 to $49,999	1 000	332	623	45	1 000	332	623	45
$50,000 or more	173	62	104	7	173	62	104	7

See footnote at end of table.

Table 29. **Summary by Tenure of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

	All farms				Farms with sales of $2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Animal health costs ... farms	5 277	2 455	2 442	380	4 039	1 597	2 160	282
... $1,000	3 472	1 222	2 037	212	3 315	1 117	1 993	206
Farms with expenses of—								
$1 to $499	3 250	1 738	1 239	273	2 045	898	972	175
$500 to $999	889	331	522	36	873	330	507	36
$1,000 to $2,999	971	334	575	62	954	317	575	62
$3,000 or more	167	52	106	9	167	52	106	9
Seeds, bulbs, plants, and trees ... farms	3 691	1 528	1 962	201	3 143	1 110	1 839	194
... $1,000	3 346	1 453	1 733	160	3 149	1 273	1 718	158
Farms with expenses of—								
$1 to $999	2 686	1 150	1 386	150	2 172	766	1 263	143
$1,000 to $4,999	920	325	546	49	886	291	546	49
$5,000 to $9,999	66	40	24	2	66	40	24	2
$10,000 or more	19	13	6	–	19	13	6	–
Commercial fertilizer ... farms	4 745	2 259	2 170	316	3 803	1 526	2 007	270
... $1,000	9 489	3 103	5 754	632	9 139	2 814	5 707	618
Farms with expenses of—								
$1 to $2,499	3 534	1 892	1 409	233	2 592	1 159	1 246	187
$2,500 to $9,999	1 091	344	675	72	1 091	344	675	72
$10,000 to $19,999	109	23	75	11	109	23	75	11
$20,000 or more	11	–	11	–	11	–	11	–
Other agricultural chemicals including lime ... farms	4 037	1 840	1 983	214	3 281	1 243	1 842	196
... $1,000	2 803	1 087	1 573	143	2 632	941	1 551	140
Farms with expenses of—								
$1 to $2,499	3 862	1 778	1 881	203	3 106	1 181	1 740	185
$2,500 to $9,999	154	54	90	10	154	54	90	10
$10,000 to $19,999	17	6	10	1	17	6	10	1
$20,000 or more	4	2	2	–	4	2	2	–
Energy and petroleum products ... farms	7 236	3 958	2 816	462	4 846	2 119	2 394	333
... $1,000	15 463	5 799	8 836	828	14 812	5 325	8 683	805
Farms with expenses of—								
$1 to $2,499	5 012	3 163	1 501	348	2 622	1 324	1 079	219
$2,500 to $9,999	2 056	751	1 197	108	2 056	751	1 197	108
$10,000 to $19,999	150	40	104	6	150	40	104	6
$20,000 or more	18	4	14	–	18	4	14	–
Petroleum products ... farms	7 224	3 946	2 816	462	4 834	2 107	2 394	333
... $1,000	9 775	3 631	5 638	506	9 298	3 284	5 529	485
Gasoline ... farms	7 020	3 849	2 737	434	4 690	2 052	2 325	313
... $1,000	5 323	2 075	2 987	260	4 980	1 817	2 919	244
Diesel fuel ... farms	3 498	1 464	1 782	252	3 166	1 244	1 698	224
... $1,000	2 647	869	1 627	151	2 599	847	1 603	150
LP gas, butane, and propane ... farms	748	272	443	33	710	239	438	33
... $1,000	247	95	132	21	239	88	130	21
Fuel oil ... farms	816	336	445	35	752	285	437	30
... $1,000	706	(D)	421	(D)	698	(D)	421	(D)
Natural gas ... farms	35	17	17	1	35	17	17	1
... $1,000	10	(D)	4	(D)	10	(D)	4	(D)
Kerosene, motor oil, and grease ... farms	7 224	3 946	2 816	462	4 834	2 107	2 394	333
... $1,000	841	325	466	50	772	273	452	47
Electricity ... farms	5 174	2 484	2 402	288	4 170	1 733	2 179	258
... $1,000	5 479	2 060	3 105	314	5 335	1 956	3 068	311
Other—coal, wood, coke, etc. ... farms	473	246	210	17	383	172	194	17
... $1,000	210	108	93	9	180	85	86	9
Hired farm labor ... farms	3 853	1 843	1 829	181	3 297	1 404	1 735	158
... $1,000	21 322	7 480	12 962	880	20 731	6 999	12 857	874
Farms with expenses of—								
$1 to $4,999	2 528	1 378	1 016	134	1 977	944	922	111
$5,000 to $19,999	1 147	427	681	39	1 142	422	681	39
$20,000 to $49,999	148	29	113	6	148	29	113	6
$50,000 or more	30	9	19	2	30	9	19	2
Workers by number of days worked:								
150 days or more ... farms	2 094	822	1 196	76	1 998	759	1 163	76
... workers	4 113	1 462	2 477	174	3 985	1 389	2 422	174
Less than 150 days ... farms	2 927	1 463	1 321	143	2 430	1 051	1 259	120
... workers	10 154	5 198	4 461	495	9 079	4 359	4 285	435
Contract labor ... farms	444	149	267	28	365	100	253	12
... $1,000	658	252	389	17	583	221	348	14
Farms with expenses of—								
$1 to $2,499	373	123	225	25	302	74	219	9
$2,500 to $9,999	66	24	39	3	58	24	31	3
$10,000 to $19,999	3	1	2	–	3	1	2	–
$20,000 or more	2	1	1	–	2	1	1	–
Customwork, machine hire, and rental of machinery and equipment ... farms	1 709	797	823	89	1 432	575	793	64
... $1,000	1 296	541	704	51	1 191	449	698	43
Farms with expenses of—								
$1 to $2,499	1 608	761	763	84	1 339	546	733	60
$2,500 to $9,999	95	36	55	4	87	29	55	3
$10,000 to $19,999	6	–	5	1	6	–	5	1
$20,000 or more	–	–	–	–	–	–	–	–
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services ... farms	437	172	229	36	317	99	188	30
... $1,000	431	137	257	37	332	97	202	32
Value of agricultural products sold directly to individuals for human consumption ... farms	727	426	258	43	465	228	200	37
... $1,000	1 895	942	874	79	1 745	831	839	75

See footnote at end of table.

Table 29. **Summary by Tenure of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

	All farms				Farms with sales of $2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ... forms	7 253	3 975	2 816	462	4 857	2 130	2 394	333
$1,000	224 345	88 905	123 144	12 296	206 233	75 895	118 865	11 474
Farms by value group:								
$1 to $4,999	1 052	667	324	61	384	174	189	21
$5,000 to $9,999	1 759	1 332	313	114	461	276	141	44
$10,000 to $19,999	1 043	577	395	71	760	362	337	61
$20,000 to $49,999	1 826	880	802	144	1 703	807	761	135
$50,000 to $99,999	1 056	373	643	40	1 032	365	627	40
$100,000 to $199,999	455	128	297	30	455	128	297	30
$200,000 to $499,999	60	17	41	2	60	17	41	2
$500,000 or more	2	1	1	–	2	1	1	–
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ... forms	4 995	2 670	2 054	271	3 613	1 572	1 828	213
number	6 577	3 403	2 819	355	4 941	2 125	2 519	297
Motortrucks, including pickups ... forms	5 595	2 861	2 370	364	3 938	1 583	2 075	280
number	7 817	3 610	3 733	474	5 855	2 148	3 324	383
Wheel tractors ... forms	6 522	3 437	2 663	422	4 617	1 962	2 337	318
number	16 271	7 376	7 818	1 077	13 410	5 220	7 271	919
2 or 3 ... forms	3 065	1 514	1 338	213	2 398	1 002	1 224	172
number	7 673	3 679	3 469	525	6 189	2 561	3 198	430
4 or more ... forms	1 358	481	790	87	1 315	458	770	87
number	6 499	2 255	3 814	430	6 317	2 157	3 730	430
Grain and bean combines, self-propelled only ... forms	152	77	64	11	149	74	64	11
number	170	80	72	18	166	76	72	18
Cornpickers, corn heads, and picker-shellers ... forms	489	192	272	25	468	180	263	25
number	578	236	314	28	557	224	305	28
Corn heads for combines ... forms	355	150	186	19	340	143	178	19
number	374	160	195	19	359	153	187	19
Other cornpickers and picker-shellers ... forms	181	68	107	6	175	63	106	6
number	204	76	119	9	198	71	118	9
Cottonpickers ... forms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ... forms	3 701	1 496	1 960	245	3 348	1 272	1 854	222
number	4 094	1 655	2 158	281	3 725	1 422	2 046	257
Pickup balers ... forms	4 192	1 937	1 994	261	3 418	1 390	1 801	227
number	4 424	2 038	2 105	281	3 636	1 485	1 904	247
Field forage harvesters, shear bar or flywheel type ... forms	2 342	868	1 294	180	2 195	786	1 237	172
number	2 787	1 012	1 554	221	2 629	919	1 497	213
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ... forms	5 176	2 501	2 355	320	4 088	1 648	2 166	274
$1,000	12 292	4 190	7 327	775	11 771	3 755	7 258	759
Commercial fertilizer ... forms	4 621	2 188	2 145	288	3 736	1 492	1 994	250
acres on which used	367 785	122 374	221 944	23 467	355 364	112 618	219 549	23 197
Lime ... forms	2 510	1 030	1 323	157	2 150	772	1 231	147
acres on which used	81 665	27 825	48 783	5 057	77 267	24 750	47 525	4 992
tons	133 423	44 218	80 858	8 347	127 291	39 074	79 940	8 277
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ... forms	1 146	536	570	40	822	266	516	40
acres on which used	38 294	14 517	22 753	1 024	34 362	11 171	22 167	1 024
Nematodes in crops ... forms	130	50	73	7	108	43	58	7
acres on which used	7 369	1 786	4 183	1 400	7 206	1 693	4 113	1 400
Diseases in crops and orchards ... forms	382	226	137	19	256	143	94	19
acres on which used	9 848	4 186	4 906	756	9 142	3 759	4 627	756
Weeds, grass, or brush in crops and pasture ... forms	2 436	1 037	1 264	135	2 174	826	1 223	125
acres on which used	88 853	27 335	56 910	4 608	86 524	25 601	56 435	4 488
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ... forms	203	74	123	6	166	53	107	6
acres on which used	6 764	2 006	4 503	255	6 391	1 859	4 277	255
Insect control on livestock and poultry ... forms	2 405	1 046	1 234	125	1 982	686	1 181	115
Sanitation and rodent and bird control ... forms	910	443	405	62	751	322	373	56
LIVESTOCK								
Cattle and calves inventory ... forms	5 385	2 479	2 507	399	4 089	1 618	2 183	288
number	325 396	111 933	193 259	20 204	313 270	104 059	190 159	19 052
Farms with—								
1 to 9	1 135	686	385	64	324	130	182	12
10 to 49	1 645	901	587	157	1 166	602	466	98
50 to 99	1 563	591	842	130	1 557	585	842	130
100 to 199	843	244	557	42	843	244	557	42
200 to 499	190	57	127	6	190	57	127	6
500 or more	9	–	9	–	9	–	9	–
Cows and heifers that had calved ... forms	4 817	2 196	2 278	343	3 778	1 501	2 007	270
number	197 727	67 407	118 054	12 266	192 909	64 371	116 590	11 948
Beef cows ... forms	1 510	821	597	92	765	350	366	49
number	10 788	6 231	3 954	603	7 144	3 961	2 827	356
Farms with—								
1 to 9	1 160	636	455	69	516	218	261	37
10 to 49	333	172	138	23	235	122	101	12
50 to 99	14	11	3	–	11	8	3	–
100 to 199	2	1	1	–	2	1	1	–
200 to 499	1	1	–	–	1	1	–	–
500 or more	–	–	–	–	–	–	–	–

See footnote at end of table.

Table 29. **Summary by Tenure of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

	All farms				Forms with sales of $2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows ..... forms	3 912	1 666	1 949	297	3 428	1 311	1 863	254
..... number	186 939	61 176	114 100	11 663	185 765	60 410	113 763	11 592
Forms with—								
1 to 4	632	474	111	47	192	143	42	7
5 to 9	82	41	25	16	60	30	17	13
10 to 49	1 603	640	813	150	1 581	627	804	150
50 to 99	1 244	415	763	66	1 244	415	763	66
100 to 199	303	87	201	15	303	87	201	15
200 to 499	45	9	33	3	45	9	33	3
500 or more	3	–	3	–	3	–	3	–
Heifers and heifer calves ..... forms	4 525	2 045	2 123	357	3 622	1 439	1 910	273
..... number	113 106	37 662	68 284	7 160	108 066	34 340	67 252	6 474
Steers, steer calves, bulls, and bull calves ..... forms	3 105	1 404	1 510	191	2 309	849	1 316	144
..... number	14 563	6 864	6 921	778	12 295	5 348	6 317	630
Cattle and calves sold ..... forms	4 852	2 158	2 382	312	4 097	1 632	2 187	278
..... number	161 535	61 030	91 150	9 355	158 153	58 605	90 373	9 175
..... $1,000	29 007	11 615	15 709	1 683	28 308	11 126	15 529	1 653
Calves ..... forms	4 031	1 678	2 084	269	3 588	1 364	1 979	245
..... number	109 616	41 073	62 273	6 270	107 805	39 763	61 881	6 161
..... $1,000	7 042	3 228	3 421	394	6 879	3 110	3 382	387
Cattle ..... forms	4 120	1 803	2 041	276	3 510	1 383	1 875	252
..... number	51 919	19 957	28 877	3 085	50 348	18 842	28 492	3 014
..... $1,000	21 965	8 387	12 288	1 290	21 429	8 016	12 147	1 266
Fattened on grain and concentrates ..... forms	400	221	160	19	237	116	108	13
..... number	3 405	1 737	1 542	126	3 116	1 537	1 460	119
..... $1,000	1 357	636	666	55	1 257	568	638	52
Hogs and pigs inventory ..... forms	1 069	619	373	77	498	190	264	44
..... number	7 656	4 888	2 369	399	3 960	1 935	1 774	251
Farms with—								
1 to 9	942	544	329	69	429	160	231	38
10 to 49	102	56	38	8	53	20	27	6
50 to 99	10	7	3	–	9	6	3	–
100 to 199	14	11	3	–	6	3	3	–
200 to 499	1	1	–	–	1	1	–	–
500 or more	–	–	–	–	–	–	–	–
Used or to be used for breeding ..... forms	502	339	124	39	173	83	72	18
..... number	2 046	1 428	514	104	885	478	341	66
Other ..... forms	844	440	351	53	456	173	247	36
..... number	5 610	3 460	1 855	295	3 075	1 457	1 433	185
Hogs and pigs sold ..... forms	574	376	162	36	228	102	103	23
..... number	10 786	6 925	3 228	633	7 125	3 877	2 740	508
..... $1,000	507	307	150	50	372	197	129	46
Feeder pigs sold ..... forms	277	221	46	10	76	32	36	8
..... number	5 955	4 248	1 467	240	3 311	1 860	1 283	168
..... $1,000	171	126	39	6	93	55	34	4
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... forms	526	354	133	39	180	85	77	18
..... number	1 726	1 166	485	75	892	487	363	42
Dec. 1 and May 31 ..... forms	422	273	113	36	142	61	65	16
..... number	1 036	703	283	50	491	266	201	24
June 1 and Nov. 30 ..... forms	230	148	71	11	119	59	51	9
..... number	690	463	202	25	401	221	162	18
Sheep and lambs of all ages inventory ..... forms	542	357	170	15	208	80	121	7
..... number	8 913	4 077	4 571	265	5 252	1 401	3 701	150
Ewes 1 year old or older ..... forms	475	321	141	13	175	71	98	6
..... number	6 111	2 627	3 266	218	3 727	874	2 733	120
Sheep and lambs sold ..... forms	278	152	114	12	148	56	87	5
..... number	5 678	2 181	3 331	166	4 362	1 345	2 931	86
Sheep and lambs shorn ..... forms	450	308	131	11	166	64	96	6
..... number	7 452	3 481	3 783	188	4 503	1 236	3 151	116
..... pounds of wool	54 756	26 297	26 833	1 626	31 974	9 111	21 925	938
Horses and ponies inventory ..... forms	1 991	1 054	830	107	1 087	390	621	76
..... number	8 367	4 847	3 158	362	4 741	2 210	2 300	231
Horses and ponies sold ..... forms	601	345	237	19	326	111	200	15
..... number	1 622	989	408	225	948	439	290	219
..... $1,000	901	593	249	58	658	394	210	54
Goats inventory ..... forms	418	376	38	4	54	32	20	2
..... number	2 192	1 979	181	32	439	304	(D)	(D)
Goats sold ..... forms	180	173	6	1	24	21	3	–
..... number	1 033	960	(D)	(D)	245	216	29	–
..... $1,000	29	26	(D)	(D)	14	12	2	–
POULTRY								
Chickens 3 months old or older inventory ..... forms	1 213	763	388	62	589	273	280	36
..... number	531 152	455 659	74 345	1 148	519 054	446 265	71 970	819
Forms with—								
1 to 399	1 181	741	378	62	557	251	270	36
400 to 3,199	17	10	7	–	17	10	7	–
3,200 to 9,999	4	4	–	–	4	4	–	–
10,000 to 19,999	5	3	2	–	5	3	2	–
20,000 to 49,999	5	4	1	–	5	4	1	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	1	1	–	–	1	1	–	–
Hens and pullets of laying age ..... forms	1 196	751	383	62	576	264	276	36
..... number	503 937	429 451	73 365	1 121	492 715	420 685	71 219	811
Pullets 3 months old or older not of laying age ..... forms	140	86	50	4	69	36	30	3
..... number	27 215	26 208	980	27	26 339	25 580	751	8

See footnote at end of table.

Table 29. **Summary by Tenure of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

	All farms				Farms with sales of $2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
POULTRY—Con.								
Chickens 3 months old or older sold ... forms	154	94	56	4	91	52	37	2
number	412 196	364 175	47 941	80	409 805	362 434	(D)	(D)
Broilers and other meat-type chickens sold ... forms	65	36	26	3	36	12	22	2
number	6 375	4 727	1 416	232	4 817	3 449	(D)	(D)
Forms with—								
1 to 1,999	65	36	26	3	36	12	22	2
2,000 to 59,999	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ... forms	27	17	8	2	12	3	7	2
number	81	54	(D)	(D)	32	12	(D)	(D)
Turkeys sold ... forms	30	15	13	2	19	8	10	1
number	11 121	10 111	(D)	(D)	11 034	10 043	(D)	(D)
CROPS HARVESTED								
Corn for all purposes ... forms	2 271	772	1 366	133	2 137	679	1 328	130
acres	101 982	30 793	65 445	5 744	100 852	30 074	65 054	5 724
Oats for grain ... forms	135	65	59	11	113	48	54	11
acres	3 366	1 193	1 468	705	3 254	1 093	1 456	705
bushels	147 097	56 823	68 166	22 108	143 582	53 616	67 858	22 108
Irrigated ... forms	–	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–	–
Irish potatoes ... forms	119	73	42	4	77	39	35	3
acres	700	96	602	2	672	78	593	2
hundredweight	126 834	8 208	118 216	410	124 193	6 248	117 595	350
Irrigated ... forms	11	10	1	–	2	1	1	–
acres	13	(D)	(D)	–	(D)	(D)	(D)	–
Farms by acres harvested:								
0.1 to 0.9 acres	82	56	23	3	50	29	19	2
1.0 to 4.9 acres	22	11	10	1	14	5	8	1
5.0 to 24.9 acres	9	5	4	–	7	4	3	–
25.0 to 99.9 acres	3	1	2	–	3	1	2	–
100.0 acres or more	3	–	3	–	3	–	3	–
Hay crops (see text) ... forms	5 953	3 041	2 571	341	4 331	1 841	2 213	277
acres	492 192	186 119	277 331	28 742	448 081	155 226	266 159	26 696
tons, dry	876 374	325 056	506 739	44 579	826 496	289 021	494 624	42 851
Irrigated ... forms	11	5	5	1	11	5	5	1
acres	264	124	(D)	(D)	264	124	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	1 255	809	390	56	453	207	227	19
25 to 99 acres	2 884	1 644	1 064	176	2 091	1 054	885	152
100 to 499 acres	1 785	580	1 096	109	1 758	572	1 080	106
500 acres or more	29	8	21	–	29	8	21	–
Alfalfa hay ... forms	2 050	913	1 028	109	1 776	707	966	103
acres	98 979	39 964	54 247	4 768	93 693	36 126	53 074	4 493
tons, dry	219 212	86 845	124 269	8 098	212 387	81 665	122 798	7 924
Irrigated ... forms	1	1	–	–	1	1	–	–
acres	(D)	(D)	–	–	(D)	(D)	–	–
All vegetables harvested for sale (see text) ... forms	279	174	82	23	175	87	67	21
acres	1 593	572	873	147	1 426	425	858	143
Irrigated ... forms	31	23	6	2	19	12	5	2
acres	306	68	(D)	(D)	288	51	(D)	(D)
Farms by acres harvested:								
0.1 to 4.9 acres	211	142	57	12	109	57	42	10
5.0 to 24.9 acres	56	30	16	10	54	28	16	10
25.0 to 99.9 acres	10	2	7	1	10	2	7	1
100.0 acres or more	2	–	2	–	2	–	2	–
Land in orchards ... forms	392	342	36	14	127	92	28	7
acres	6 473	4 754	1 413	307	4 308	2 661	1 358	289
Irrigated ... forms	9	8	1	–	5	4	1	–
acres	212	(D)	(D)	–	186	(D)	(D)	–
Farms by acres in orchards:								
0.1 to 4.9 acres	137	113	12	12	45	28	12	5
5.0 to 24.9 acres	215	200	15	–	42	35	7	–
25.0 to 99.9 acres	29	23	5	1	29	23	5	1
100.0 acres or more	11	6	4	1	11	6	4	1
Apples ... forms	389	339	36	14	125	90	28	7
total acres	6 410	4 709	1 397	303	4 267	2 635	1 342	289
pounds	50 012 866	29 915 715	16 033 601	4 063 550	49 399 591	29 311 900	16 031 141	4 056 550

[1]1978 data are based on a sample of farms; see text.

Table 30. **Summary by Type of Organization: 1978**

[Excludes abnormal farms; see text]

All Farms

		Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
FARMS AND LAND IN FARMS										
Farms	number	7 258	6 572	511	145	125	121	20	19	30
	percent	100.0	90.5	7.0	1.9	1.7	1.6	0.2	0.2	0.4
Land in farms	acres	1 745 390	1 478 116	188 748	69 414	59 679	57 327	9 735	8 985	9 112
Average size of farm	acres	240	225	369	479	477	474	487	473	304
Value of land and buildings[1]	farms	7 258	6 598	453	174	158	155	16	15	33
	$1,000	1 165 074	998 440	110 244	50 062	44 033	42 585	6 029	4 529	6 328
Average per farm	dollars	160 522	151 324	243 363	287 713	278 688	274 743	376 825	301 947	191 749
Average per acre	dollars	655	663	587	684	682	682	700	576	592
Farms by value of land and buildings:										
$1 to $19,999		200	194	6	–	–	–	–	–	–
$20,000 to $39,999		704	682	13	1	1	1	–	–	8
$40,000 to $69,999		1 076	1 026	34	11	11	11	–	–	5
$70,000 to $99,999		1 031	994	16	15	14	14	1	1	6
$100,000 to $149,999		1 221	1 139	55	26	23	22	3	3	1
$150,000 to $199,999		1 169	993	131	44	40	40	4	4	1
$200,000 to $499,999		1 569	1 354	159	50	45	44	5	5	6
$500,000 to $999,999		240	179	34	22	21	21	1	1	5
$1,000,000 or more		48	37	5	5	3	2	2	1	1
Owned and rented land by operator:										
Land owned	farms	6 809	6 179	471	134	115	111	19	18	25
	acres	1 405 706	1 195 403	145 502	57 072	48 472	46 395	8 600	7 850	7 729
Land rented or leased from others	farms	3 244	2 871	285	76	66	64	10	10	12
	acres	386 327	324 659	(D)	14 948	(D)	13 453	(D)	(D)	(D)
Land rented or leased to others	farms	531	480	30	20	18	17	2	2	1
	acres	46 643	41 946	(D)	2 606	(D)	2 521	(D)	(D)	(D)
LAND IN FARMS ACCORDING TO USE										
Total cropland	farms	7 080	6 407	500	143	123	119	20	19	30
	acres	858 808	729 482	91 594	34 744	29 787	28 368	4 957	4 607	2 988
Harvested cropland	farms	6 568	5 918	478	142	122	118	20	19	30
	acres	579 014	486 015	63 932	26 659	22 726	21 525	3 933	3 633	2 408
Farms by acres harvested:										
1 to 49 acres		3 016	2 863	102	33	32	31	1	1	18
50 to 99 acres		1 422	1 287	109	23	17	17	6	6	3
100 to 199 acres		1 383	1 172	170	36	31	30	5	5	5
200 to 499 acres		693	562	89	38	32	31	6	5	4
500 to 999 acres		51	32	8	11	9	8	2	2	–
1,000 to 1,999 acres		2	1	–	1	1	1	–	–	–
2,000 acres or more		1	1	–	–	–	–	–	–	–
Cropland:										
Pasture or grazing only	farms	4 782	4 347	341	81	72	69	9	8	13
	acres	253 140	219 595	25 676	7 459	6 550	6 338	(D)	(D)	410
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	291	266	16	7	7	7	–	–	2
	acres	5 332	4 915	(D)	205	205	205	–	–	(D)
On which all crops failed	farms	111	101	7	3	3	3	–	–	–
	acres	1 828	1 624	154	50	50	50	–	–	–
In cultivated summer fallow	farms	109	96	10	2	1	1	1	1	1
	acres	1 977	1 365	543	(D)	(D)	(D)	(D)	(D)	(D)
Idle	farms	613	561	39	10	9	8	1	1	3
	acres	17 517	15 968	(D)	(D)	(D)	(D)	(D)	(D)	162
Total woodland	farms	5 507	4 945	429	115	99	95	16	15	18
	acres	696 460	587 904	76 692	27 131	23 077	22 199	4 054	3 754	4 733
Woodland pastured	farms	2 306	2 030	220	49	42	41	7	7	7
	acres	168 042	142 116	20 882	4 711	3 987	3 957	724	724	333
Woodland not pastured	farms	4 527	4 070	342	99	86	83	13	12	16
	acres	528 418	445 788	55 810	22 420	19 090	18 242	3 330	3 030	4 400
Pastureland and rangeland other than cropland and woodland pastured	farms	1 642	1 459	142	35	32	32	3	3	6
	acres	116 543	99 400	12 684	4 013	3 588	3 588	(D)	(D)	446
Land in house lots, ponds, roads, wasteland, etc.	farms	4 217	3 804	307	91	81	77	10	9	15
	acres	73 579	61 330	7 778	3 526	3 227	3 172	299	199	945
Pastureland, all types	farms	6 125	5 546	446	114	100	97	14	13	19
	acres	537 725	461 111	59 242	16 183	14 125	13 883	2 058	2 008	1 189
Irrigated land	farms	108	88	9	11	11	11	–	–	–
	acres	1 586	1 012	427	147	147	147	–	–	–
Harvested cropland irrigated	farms	95	76	8	11	11	11	–	–	–
	acres	1 313	(D)	(D)	147	147	147	–	–	–
Pastureland irrigated	farms	13	11	2	–	–	–	–	–	–
	acres	259	(D)	(D)	–	–	–	–	–	–
Other land irrigated	farms	4	4	–	–	–	–	–	–	–
	acres	14	14	–	–	–	–	–	–	–
Land set aside in the federal farm programs in 1978	farms	113	104	6	3	3	2	–	–	–
	acres	1 889	1 662	92	135	135	(D)	–	–	–
RACE AND TENURE OF OPERATOR										
All operators	number	7 258	6 572	511	145	125	121	20	19	30
Full owners	number	4 023	3 710	226	69	59	57	10	9	18
Part owners	number	2 780	2 465	244	64	55	53	9	9	7
Tenants	number	455	397	41	12	11	11	1	1	5
White	number	7 235	6 551	509	145	125	121	20	19	30
Full owners	number	4 009	3 698	224	69	59	57	10	9	18
Part owners	number	2 771	2 456	244	64	55	53	9	9	7
Tenants	number	455	397	41	12	11	11	1	1	5
Black and other races	number	23	21	2	–	–	–	–	–	–
Full owners	number	14	12	2	–	–	–	–	–	–
Part owners	number	9	9	–	–	–	–	–	–	–
Tenants	number	–	–	–	–	–	–	–	–	–

See footnote at end of table.

Table 30. **Summary by Type of Organization: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
FARMS BY TYPE OF ORGANIZATION									
Individual or family ..... farms	6 572	6 572	–	–	–	–	–	–	–
acres	1 478 116	1 478 116	–	–	–	–	–	–	–
Partnership ..... farms	511	–	511	–	–	–	–	–	–
acres	188 748	–	188 748	–	–	–	–	–	–
Corporations:									
Family held ..... farms	125	–	–	125	125	121	–	–	–
acres	59 679	–	–	59 679	59 679	57 327	–	–	–
More than 10 stockholders ..... farms	4	–	–	4	4	–	–	–	–
10 or less stockholders ..... farms	121	–	–	121	121	121	–	–	–
Other than family held ..... farms	20	–	–	20	–	–	20	19	–
acres	9 735	–	–	9 735	–	–	9 735	8 985	–
More than 10 stockholders ..... farms	1	–	–	1	–	–	1	–	–
10 or less stockholders ..... farms	19	–	–	19	–	–	19	19	–
Other—cooperative, estate or trust, etc. ..... farms	30	–	–	–	–	–	–	–	30
acres	9 112	–	–	–	–	–	–	–	9 112
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	6 363	5 792	440	110	99	95	11	10	21
Not on farm operated	484	396	55	27	19	19	8	8	6
Operators by age group:									
Under 25 years	159	140	14	2	2	2	–	–	3
25 to 34 years	1 159	1 044	83	19	17	17	2	2	13
35 to 44 years	1 756	1 625	96	31	25	23	6	6	4
45 to 54 years	1 780	1 630	110	37	33	32	4	4	3
55 to 64 years	1 394	1 213	134	40	35	34	5	5	7
65 years and over	1 010	920	74	16	13	13	3	2	–
Average age	48.3	48.3	49.7	49.3	49.2	49.4	49.8	48.5	39.3
Operators by sex:									
Male	6 666	6 017	480	141	121	118	20	19	28
Female	592	555	31	4	4	3	–	–	2
Operators of Spanish origin	35	34	1	–	–	–	–	–	–
Operators by principal occupation:									
Farming	4 564	4 052	382	118	101	98	17	16	12
Other	2 694	2 520	129	27	24	23	3	3	18
Operators reporting days of work off farm:									
None	3 472	3 062	305	96	79	76	17	16	9
1 to 99 days	768	683	66	15	15	15	–	–	4
100 to 199 days	672	636	20	8	8	8	–	–	8
200 days or more	2 095	1 959	109	18	16	16	2	2	9
FARMS BY SIZE									
1 to 9 acres	316	291	15	10	9	9	1	1	–
10 to 49 acres	862	821	24	8	8	8	–	–	9
50 to 69 acres	362	345	15	2	2	2	–	–	–
70 to 99 acres	580	551	26	2	2	2	–	–	1
100 to 139 acres	897	855	34	4	3	3	1	1	4
140 to 179 acres	656	626	26	2	2	2	–	–	2
180 to 219 acres	579	534	33	10	8	8	2	2	2
220 to 259 acres	525	480	33	11	10	9	1	1	1
260 to 499 acres	1 680	1 461	178	34	26	25	8	8	7
500 to 999 acres	681	523	108	47	41	40	6	5	3
1,000 to 1,999 acres	111	79	17	15	14	13	1	1	–
2,000 acres or more	9	6	2	–	–	–	–	–	1
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)									
Cash grain farms (011)	13	11	1	–	–	–	–	–	1
Field crop, except cash grain farms (013)	1 033	950	57	15	14	14	1	1	11
Cotton farms (0131)	–	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	1 033	950	57	15	14	14	1	1	11
Vegetable and melon farms (016)	102	85	12	3	2	2	1	1	2
Fruit and tree nut farms (017)	166	151	5	10	8	8	2	2	–
Horticultural specialty farms (018)	164	143	6	15	14	14	1	1	–
General farms, primarily crop (019)	301	291	9	–	–	–	–	–	1
Livestock farms, except dairy, poultry, and animal specialty (021)	1 656	1 573	65	11	10	9	1	1	7
Beef cattle farms, except feedlots (0212)	1 086	1 028	46	7	6	6	1	1	5
Dairy farms (024)	3 198	2 774	331	85	71	68	14	13	8
Poultry and egg farms (025)	84	79	4	1	1	1	–	–	–
Animal specialty farms (027)	322	303	14	5	5	5	–	–	–
General farms, primarily livestock (029)	219	212	7	–	–	–	–	–	–
VALUE OF AGRICULTURAL PRODUCTS SOLD									
Market value of agricultural products sold ..... farms	7 258	6 572	511	145	125	121	20	19	30
$1,000	273 488	219 895	33 688	18 989	16 993	16 590	1 996	1 797	916
Farms by value of agricultural products sold:									
$500,000 or more	11	6	–	5	5	5	–	–	–
$200,000 to $499,999	124	84	22	18	16	16	2	2	–
$100,000 to $199,999	632	494	101	33	28	26	5	4	4
$40,000 to $99,999	1 670	1 461	163	43	33	32	10	10	3
$20,000 to $39,999	725	656	56	10	8	8	2	2	3
$10,000 to $19,999	476	431	30	11	11	11	–	–	4
$5,000 to $9,999	455	420	22	10	9	9	1	1	3
$2,500 to $4,999	742	687	47	8	8	8	–	–	–
Less than $2,500	2 423	2 333	70	7	7	6	–	–	13

See footnote at end of table.

Table 30. **Summary by Type of Organization: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
VALUE OF PRODUCTS SOLD—Con.									
Market value of agricultural products sold—Con.									
Grain ... farms	63	50	6	4	3	3	1	1	3
$1,000	276	221	24	18	(D)	(D)	(D)	(D)	(D)
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... farms	–	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–	–
Cotton and cottonseed ... farms	–	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... farms	–	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–	–
Tobacco ... farms	–	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage ... farms	1 669	1 531	97	24	21	21	3	3	17
$1,000	7 203	6 087	646	406	279	279	127	127	63
Sales of $40,000 or more ... farms	18	14	2	2	1	1	1	1	–
$1,000	1 219	852	(D)	(D)	(D)	(D)	(D)	(D)	–
Vegetables, sweet corn, and melons ... farms	279	244	20	4	2	2	2	2	11
$1,000	1 153	766	290	72	(D)	(D)	(D)	(D)	25
Sales of $40,000 or more ... farms	6	3	2	1	–	–	1	1	–
$1,000	431	149	(D)	(D)	–	–	(D)	(D)	–
Fruits, nuts, and berries ... farms	219	188	16	12	9	9	3	3	3
$1,000	6 102	3 086	314	2 690	2 351	2 351	339	339	11
Sales of $40,000 or more ... farms	38	24	4	10	8	8	2	2	–
$1,000	5 427	2 516	223	2 687	(D)	(D)	(D)	(D)	–
Nursery and greenhouse products ... farms	206	183	7	16	15	15	1	1	–
$1,000	2 268	1 597	136	535	(D)	(D)	(D)	(D)	–
Sales of $40,000 or more ... farms	17	13	1	3	3	3	–	–	–
$1,000	1 189	791	(D)	(D)	(D)	(D)	–	–	–
Other crops ... farms	83	74	6	2	1	1	1	1	1
$1,000	449	351	4	(D)	(D)	(D)	(D)	(D)	(D)
Sales of $40,000 or more ... farms	4	3	–	1	1	1	–	–	–
$1,000	356	(D)	–	(D)	(D)	(D)	–	–	–
Poultry and poultry products ... farms	464	418	38	4	4	4	–	–	4
$1,000	6 259	2 801	454	3 000	3 000	3 000	–	–	4
Sales of $40,000 or more ... farms	19	15	3	1	1	1	–	–	–
$1,000	5 882	2 472	(D)	(D)	(D)	(D)	–	–	–
Dairy products ... farms	3 356	2 916	343	86	72	69	14	13	11
$1,000	218 680	178 838	28 258	10 905	9 650	9 275	1 256	1 128	679
Sales of $40,000 or more ... farms	2 165	1 816	262	80	66	63	14	13	7
$1,000	192 919	155 135	26 346	10 802	9 546	9 172	1 256	1 128	636
Cattle and calves ... farms	4 852	4 327	412	96	81	78	15	14	17
$1,000	29 007	24 218	3 462	1 214	1 020	992	194	122	114
Sales of $40,000 or more ... farms	66	50	10	5	4	4	1	–	1
$1,000	5 596	4 526	703	(D)	238	238	(D)	–	(D)
Hogs and pigs ... farms	574	536	22	5	5	5	–	–	11
$1,000	507	461	35	5	5	5	–	–	6
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–	–
Sheep, lambs, and wool ... farms	467	443	19	2	2	1	–	–	3
$1,000	335	326	(D)	(D)	(D)	(D)	–	–	(Z)
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ... farms	874	831	34	8	8	8	–	–	1
$1,000	1 251	1 142	(D)	50	50	50	–	–	(D)
Sales of $40,000 or more ... farms	2	2	–	–	–	–	–	–	–
$1,000	(D)	(D)	–	–	–	–	–	–	–
SELECTED FARM PRODUCTION EXPENSES[1]									
Livestock and poultry purchased ... farms	3 485	3 176	213	75	72	69	3	3	21
$1,000	15 959	13 328	1 386	1 205	1 149	1 140	56	56	40
Farms with expenses of—									
$1 to $4,999	2 714	2 522	139	34	34	31	–	–	19
$5,000 to $19,999	599	513	57	27	26	26	1	1	2
$20,000 to $49,999	142	119	14	9	7	7	2	2	–
$50,000 or more	30	22	3	5	5	5	–	–	–
Feed for livestock and poultry ... farms	6 221	5 657	411	129	117	114	12	11	24
$1,000	85 387	68 766	11 066	5 365	5 044	4 909	320	286	191
Farms with expenses of—									
$1 to $4,999	3 068	2 960	65	24	24	24	–	–	19
$5,000 to $19,999	1 541	1 393	105	42	38	38	4	4	1
$20,000 to $49,999	1 342	1 099	196	44	37	35	7	6	3
$50,000 or more	270	205	45	19	18	17	1	1	1
Commercially mixed formula feeds ... farms	4 972	4 484	369	102	91	88	11	10	17
tons	453 904	363 775	57 702	31 501	29 414	28 667	2 087	1 877	926
$1,000	67 039	53 619	8 667	4 612	4 352	4 244	260	226	141
Farms by tons purchased:									
1 to 99 tons	3 334	3 137	149	34	31	31	3	3	14
100 to 499 tons	1 558	1 291	207	57	50	47	7	6	3
500 tons or more	80	56	13	11	10	10	1	1	–
Farms with expenses of—									
$1 to $4,999	2 113	2 055	41	5	5	5	–	–	12
$5,000 to $19,999	1 686	1 488	152	44	39	39	5	5	2
$20,000 to $49,999	1 000	813	146	39	33	30	6	5	2
$50,000 or more	173	128	30	14	14	14	–	–	1

See footnote at end of table.

Table 30. **Summary by Type of Organization: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms

		Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
SELECTED FARM PRODUCTION EXPENSES[1]—Con.										
Animal health costs	farms	5 277	4 733	392	126	114	111	12	11	26
	$1,000	3 472	2 862	413	192	175	169	18	13	4
Forms with expenses of—										
$1 to $499		3 250	3 014	155	57	53	53	4	4	24
$500 to $999		889	800	71	16	14	14	2	2	2
$1,000 to $2,999		971	801	137	33	29	26	4	4	–
$3,000 or more		167	118	29	20	18	18	2	1	–
Seeds, bulbs, plants, and trees	farms	3 691	3 234	322	118	104	101	14	13	17
	$1,000	3 346	2 721	313	301	269	261	31	28	12
Forms with expenses of—										
$1 to $999		2 686	2 425	200	46	42	41	4	4	15
$1,000 to $4,999		920	740	119	59	50	49	9	8	2
$5,000 to $9,999		66	57	2	7	6	5	1	1	–
$10,000 or more		19	12	1	6	6	6	–	–	–
Commercial fertilizer	farms	4 745	4 239	359	134	121	119	13	12	13
	$1,000	9 489	7 794	1 125	549	491	480	58	48	21
Forms with expenses of—										
$1 to $2,499		3 534	3 248	203	73	68	67	5	5	10
$2,500 to $9,999		1 091	910	135	43	36	35	7	6	3
$10,000 to $19,999		109	73	21	15	14	14	1	1	–
$20,000 or more		11	8	–	3	3	3	–	–	–
Other agricultural chemicals including lime	farms	4 037	3 557	317	144	129	126	15	14	19
	$1,000	2 803	2 221	312	263	227	224	36	35	6
Forms with expenses of—										
$1 to $2,499		3 862	3 432	288	123	111	108	12	11	19
$2,500 to $9,999		154	112	29	13	12	12	1	1	–
$10,000 to $19,999		17	11	–	6	4	4	2	2	–
$20,000 or more		4	2	–	2	2	2	–	–	–
Energy and petroleum products	farms	7 236	6 581	453	169	153	150	16	15	33
	$1,000	15 463	12 701	1 757	949	857	833	92	84	56
Forms with expenses of—										
$1 to $2,499		5 012	4 765	164	59	57	57	2	2	24
$2,500 to $9,999		2 056	1 697	265	86	73	71	13	12	8
$10,000 to $19,999		150	110	20	19	18	17	1	1	1
$20,000 or more		18	9	4	5	5	5	–	–	–
Petroleum products	farms	7 224	6 569	453	169	153	150	16	15	33
	$1,000	9 775	8 007	1 078	649	579	562	70	67	40
Gasoline	farms	7 020	6 392	435	161	146	143	15	14	32
	$1,000	5 323	4 382	593	327	291	285	36	33	21
Diesel fuel	farms	3 498	3 052	318	120	107	104	13	13	8
	$1,000	2 647	2 160	305	173	154	150	19	19	9
LP gas, butane, and propane	farms	748	638	49	58	53	52	5	5	3
	$1,000	247	202	20	23	22	21	2	2	2
Fuel oil	farms	816	658	90	65	59	57	6	6	3
	$1,000	706	548	68	85	76	70	9	9	5
Natural gas	farms	35	32	3	–	–	–	–	–	–
	$1,000	10	10	(Z)	–	–	–	–	–	–
Kerosene, motor oil, and grease	farms	7 224	6 569	453	169	153	150	16	15	33
	$1,000	841	705	93	40	37	35	4	3	3
Electricity	farms	5 174	4 612	396	146	132	129	14	13	20
	$1,000	5 479	4 507	670	(D)	266	259	(D)	(D)	(D)
Other—coal, wood, coke, etc.	farms	473	442	14	15	14	14	1	1	2
	$1,000	210	187	8	(D)	12	12	(D)	(D)	(D)
Hired farm labor	farms	3 853	3 408	298	130	118	116	12	11	17
	$1,000	21 322	16 825	2 001	2 370	2 216	2 172	153	96	127
Forms with expenses of—										
$1 to $4,999		2 528	2 302	162	54	52	52	2	2	10
$5,000 to $19,999		1 147	983	115	42	33	33	9	9	7
$20,000 to $49,999		148	105	18	25	25	23	–	–	–
$50,000 or more		30	18	3	9	8	8	1	–	–
Workers by number of days worked:										
150 days or more	farms	2 094	1 786	183	108	98	96	10	9	17
	workers	4 113	3 383	375	324	301	292	23	19	31
Less than 150 days	farms	2 927	2 601	243	80	72	71	8	7	3
	workers	10 154	8 829	774	548	504	503	44	43	3
Contract labor	farms	444	394	25	20	17	17	3	3	5
	$1,000	658	469	75	108	92	92	16	16	6
Forms with expenses of—										
$1 to $2,499		373	340	14	14	14	14	–	–	5
$2,500 to $9,999		66	50	11	5	2	2	3	3	–
$10,000 to $19,999		3	3	–	–	–	–	–	–	–
$20,000 or more		2	1	–	1	1	1	–	–	–
Customwork, machine hire, and rental of machinery and equipment	farms	1 709	1 527	136	39	37	36	2	1	7
	$1,000	1 296	1 082	131	(D)	68	66	(D)	(D)	12
Forms with expenses of—										
$1 to $2,499		1 608	1 448	119	34	33	32	1	1	7
$2,500 to $9,999		95	75	17	3	2	2	1	–	–
$10,000 to $19,999		6	4	–	2	2	2	–	–	–
$20,000 or more		–	–	–	–	–	–	–	–	–
FARM-RELATED INCOME										
Income from machine work, customwork, and other agricultural services	farms	437	385	34	14	13	13	1	1	4
	$1,000	431	346	39	41	(D)	(D)	(D)	(D)	5
Value of agricultural products sold directly to individuals for human consumption	farms	727	650	57	14	12	11	2	2	6
	$1,000	1 895	1 496	238	151	(D)	(D)	(D)	(D)	9

See footnote at end of table.

Table 30. **Summary by Type of Organization: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment ... forms	7 253	6 593	453	174	158	155	16	15	33
$1,000	224 345	190 652	21 917	10 849	9 879	9 581	970	762	927
Farms by value group:									
$1 to $4,999	1 052	1 012	25	8	8	8	–	–	7
$5,000 to $9,999	1 759	1 703	41	8	8	8	–	–	7
$10,000 to $19,999	1 043	970	47	26	24	24	2	2	–
$20,000 to $49,999	1 826	1 600	163	48	42	41	6	6	15
$50,000 to $99,999	1 056	892	120	43	37	36	6	6	1
$100,000 to $199,999	455	377	48	27	26	26	1	1	3
$200,000 to $499,999	60	37	9	14	13	12	1	–	–
$500,000 or more	2	2	–	–	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]									
Automobiles ... forms	4 995	4 489	370	125	117	115	8	7	11
number	6 577	5 701	653	209	198	191	11	10	14
Motortrucks, including pickups ... forms	5 595	5 046	381	153	138	135	15	14	15
number	7 817	6 835	635	313	283	276	30	27	34
Wheel tractors ... forms	6 522	5 927	410	153	138	135	15	14	32
number	16 271	14 203	1 422	570	501	487	69	66	76
2 or 3 ... forms	3 065	2 772	207	67	63	62	4	3	19
number	7 673	6 900	558	175	165	162	10	7	40
4 or more ... forms	1 358	1 118	169	64	53	51	11	11	7
number	6 499	5 266	830	373	314	303	59	59	30
Grain and bean combines, self-propelled only ... forms	152	135	7	10	9	9	1	–	–
number	170	150	9	11	(D)	(D)	(D)	–	–
Cornpickers, corn heads, and picker-shellers ... forms	489	406	45	37	34	33	3	2	1
number	578	477	(D)	45	41	40	4	(D)	(D)
Corn heads for combines ... forms	355	293	37	24	21	21	3	2	1
number	374	311	(D)	24	21	21	3	(D)	(D)
Other cornpickers and picker-shellers ... forms	181	143	17	21	20	19	1	–	–
number	204	166	17	21	(D)	(D)	(D)	–	–
Cottonpickers ... forms	–	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–	–
Mower conditioners ... forms	3 701	3 237	325	120	109	107	11	10	19
number	4 094	3 553	390	132	120	118	12	11	19
Pickup balers ... forms	4 192	3 737	341	102	92	90	10	9	12
number	4 424	3 929	374	109	99	97	10	9	12
Field forage harvesters, shear bar or flywheel type ... forms	2 342	2 010	241	87	80	77	7	7	4
number	2 787	2 397	289	97	90	87	7	7	4
AGRICULTURAL CHEMICALS[1]									
Agricultural chemicals, including commercial fertilizer and lime ... forms	5 176	4 632	371	152	137	134	15	14	21
$1,000	12 292	10 015	1 437	812	718	703	94	83	28
Commercial fertilizer ... forms	4 621	4 128	348	132	119	117	13	12	13
acres on which used	367 785	304 448	42 366	20 452	18 415	17 865	2 037	1 747	519
Lime ... forms	2 510	2 178	219	94	86	83	8	7	19
acres on which used	81 665	66 924	9 285	5 107	4 512	4 362	595	535	349
tons	133 423	108 524	16 248	8 133	7 235	6 913	898	778	518
Sprays, dusts, granules, fumigants, etc. to control—									
Insects on hay and other crops ... forms	1 146	1 011	89	34	28	28	6	6	12
acres on which used	38 294	31 420	4 031	2 769	2 392	2 392	377	377	74
Nematodes in crops ... forms	130	93	19	17	16	16	1	1	1
acres on which used	7 369	5 650	878	(D)	749	749	(D)	(D)	(D)
Diseases in crops and orchards ... forms	382	328	21	21	18	18	3	3	12
acres on which used	9 848	6 768	519	2 487	2 040	2 040	447	447	74
Weeds, grass, or brush in crops and pasture ... forms	2 436	2 120	215	94	85	82	9	8	7
acres on which used	88 853	72 236	11 220	5 237	4 783	4 638	454	314	160
Chemicals for—									
Defoliation or for growth control of crops, or thinning of fruit ... forms	203	180	13	10	8	8	2	2	–
acres on which used	6 764	5 563	484	717	(D)	(D)	(D)	(D)	–
Insect control on livestock and poultry ... forms	2 405	2 149	195	54	44	41	10	9	7
Sanitation and rodent and bird control ... forms	910	793	83	26	22	21	4	3	8
LIVESTOCK									
Cattle and calves inventory ... forms	5 385	4 848	422	98	83	80	15	14	17
number	325 396	268 802	41 375	14 311	12 570	12 087	1 741	1 558	908
Farms with—									
1 to 9	1 135	1 100	26	5	5	5	–	–	4
10 to 49	1 645	1 539	94	5	5	5	–	–	7
50 to 99	1 563	1 400	131	30	24	24	6	6	2
100 to 199	843	675	131	33	25	23	8	7	4
200 to 499	190	128	39	23	22	21	1	1	–
500 or more	9	6	1	2	2	2	–	–	–
Cows and heifers that had calved ... forms	4 817	4 312	396	94	79	76	15	14	15
number	197 727	164 068	24 070	8 979	7 808	7 496	1 171	1 069	610
Beef cows ... forms	1 510	1 407	88	11	9	9	2	2	4
number	10 788	9 757	731	274	(D)	(D)	(D)	(D)	26
Farms with—									
1 to 9	1 160	1 092	59	6	4	4	2	2	3
10 to 49	333	299	29	4	4	4	–	–	1
50 to 99	14	14	–	–	–	–	–	–	–
100 to 199	2	1	–	1	1	1	–	–	–
200 to 499	1	1	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–	–

See footnote at end of table.

Table 30. **Summary by Type of Organization: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
LIVESTOCK—Con.									
Cattle and calves inventory—Con.									
Cows and heifers that had calved—Con.									
Milk cows ... forms	3 912	3 458	356	86	72	69	14	13	12
number	186 939	154 311	23 339	8 705	(D)	(D)	(D)	(D)	584
Forms with—									
1 to 4	632	611	16	1	1	1	–	–	4
5 to 9	82	73	9	–	–	–	–	–	–
10 to 49	1 603	1 469	117	14	13	13	1	1	3
50 to 99	1 244	1 049	153	40	30	28	10	10	2
100 to 199	303	225	52	23	20	19	3	2	3
200 to 499	45	29	9	7	7	7	–	–	–
500 or more	3	2	–	1	1	1	–	–	–
Heifers and heifer calves ... forms	4 525	4 022	397	91	77	74	14	13	15
number	113 106	92 027	15 837	4 985	4 436	4 266	549	471	257
Steers, steer calves, bulls, and bull calves ... forms	3 105	2 793	239	61	52	51	9	8	12
number	14 563	12 707	1 468	347	326	325	21	18	41
Cattle and calves sold ... forms	4 852	4 327	412	96	81	78	15	14	17
number	161 535	135 466	18 682	6 814	5 872	5 576	942	745	573
$1,000	29 007	24 218	3 462	1 214	1 020	992	194	122	114
Calves ... forms	4 031	3 579	356	83	71	68	12	11	13
number	109 616	92 683	11 889	4 689	4 076	3 833	613	543	355
$1,000	7 042	6 223	545	260	236	227	24	21	14
Cattle ... forms	4 120	3 641	375	87	74	71	13	12	17
number	51 919	42 783	6 793	2 125	1 796	1 743	329	202	218
$1,000	21 965	17 995	2 917	954	784	765	170	101	100
Fattened on grain and concentrates ... forms	400	367	29	4	4	4	–	–	–
number	3 405	2 662	567	176	176	176	–	–	–
$1,000	1 357	1 003	260	93	93	93	–	–	–
Hogs and pigs inventory ... forms	1 069	1 004	50	9	8	8	1	1	6
number	7 656	7 181	317	107	(D)	(D)	(D)	(D)	51
Forms with—									
1 to 9	942	890	43	6	5	5	1	1	3
10 to 49	102	91	6	2	2	2	–	–	3
50 to 99	10	9	–	1	1	1	–	–	–
100 to 199	14	13	1	–	–	–	–	–	–
200 to 499	1	1	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–	–
Used or to be used for breeding ... forms	502	473	22	3	2	2	1	1	4
number	2 046	1 899	105	15	(D)	(D)	(D)	(D)	27
Other ... forms	844	789	42	8	8	8	–	–	5
number	5 610	5 282	212	92	92	92	–	–	24
Hogs and pigs sold ... forms	574	536	22	5	5	5	–	–	11
number	10 786	9 930	687	75	75	75	–	–	94
$1,000	507	461	35	5	5	5	–	–	6
Feeder pigs sold ... forms	277	266	7	2	2	2	–	–	2
number	5 955	5 683	184	(D)	(D)	(D)	–	–	(D)
$1,000	171	164	4	(D)	(D)	(D)	–	–	(D)
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30 ... forms	526	498	21	3	2	2	1	1	4
number	1 726	1 609	89	16	(D)	(D)	(D)	(D)	12
Dec. 1 and May 31 ... forms	422	400	17	2	2	2	–	–	3
number	1 036	967	57	(D)	(D)	(D)	–	–	(D)
June 1 and Nov. 30 ... forms	230	213	12	2	1	1	1	1	3
number	690	642	32	(D)	(D)	(D)	(D)	(D)	(D)
Sheep and lambs of all ages inventory ... forms	542	513	24	2	2	1	–	–	3
number	8 913	8 570	307	(D)	(D)	(D)	–	–	(D)
Ewes 1 year old or older ... forms	475	448	22	2	2	1	–	–	3
number	6 111	5 860	225	(D)	(D)	(D)	–	–	(D)
Sheep and lambs sold ... forms	278	257	17	2	2	1	–	–	2
number	5 678	5 496	157	(D)	(D)	(D)	–	–	(D)
Sheep and lambs shorn ... forms	450	427	18	2	2	1	–	–	3
number	7 452	7 200	212	(D)	(D)	(D)	–	–	(D)
pounds of wool	54 756	52 710	1 677	(D)	(D)	(D)	–	–	(D)
Horses and ponies inventory ... forms	1 991	1 851	115	19	18	17	1	1	6
number	8 367	7 699	440	212	(D)	(D)	(D)	(D)	16
Horses and ponies sold ... forms	601	573	21	7	7	7	–	–	–
number	1 622	1 537	48	37	37	37	–	–	–
$1,000	901	804	47	50	50	50	–	–	–
Goats inventory ... forms	418	409	7	1	1	1	–	–	1
number	2 192	2 088	(D)	(D)	(D)	(D)	–	–	(D)
Goats sold ... forms	180	175	4	–	–	–	–	–	1
number	1 033	989	(D)	–	–	–	–	–	(D)
$1,000	29	26	(D)	–	–	–	–	–	(D)
POULTRY									
Chickens 3 months old or older inventory ... forms	1 213	1 136	64	8	8	7	–	–	5
number	531 152	257 826	22 868	250 117	250 117	250 095	–	–	341
Forms with—									
1 to 399	1 181	1 109	60	7	7	6	–	–	5
400 to 3,199	17	14	3	–	–	–	–	–	–
3,200 to 9,999	4	4	–	–	–	–	–	–	–
10,000 to 19,999	5	4	1	–	–	–	–	–	–
20,000 to 49,999	5	5	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–	–
100,000 or more	1	–	–	1	1	1	–	–	–
Hens and pullets of laying age ... forms	1 196	1 119	64	8	8	7	–	–	5
number	503 937	231 028	22 451	250 117	250 117	250 095	–	–	341
Pullets 3 months old or older not of laying age ... forms	140	130	10	–	–	–	–	–	–
number	27 215	26 798	417	–	–	–	–	–	–

See footnote at end of table.

Table 30. **Summary by Type of Organization: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
POULTRY—Con.									
Chickens 3 months old or older sold ... farms	154	131	16	3	3	3	–	–	4
number	412 196	167 570	44 417	200 021	200 021	200 021	–	–	188
Broilers and other meat-type chickens sold ... farms	65	55	9	–	–	–	–	–	1
number	6 375	5 915	(D)	–	–	–	–	–	(D)
Farms with—									
1 to 1,999	65	55	9	–	–	–	–	–	1
2,000 to 59,999	–	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ... farms	27	23	2	–	–	–	–	–	2
number	81	74	(D)	–	–	–	–	–	(D)
Turkeys sold ... farms	30	28	2	–	–	–	–	–	–
number	11 121	(D)	(D)	–	–	–	–	–	–
CROPS HARVESTED									
Corn for all purposes ... farms	2 271	1 943	235	80	69	66	11	10	13
acres	101 982	81 900	12 945	6 770	5 880	5 689	890	730	367
Oats for grain ... farms	135	115	10	9	7	6	2	2	1
acres	3 366	2 461	(D)	643	(D)	563	(D)	(D)	(D)
bushels	147 097	104 380	(D)	29 667	(D)	26 223	(D)	(D)	(D)
Irrigated ... farms	–	–	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–	–	–
Irish pototoes ... farms	119	103	13	2	1	1	1	1	1
acres	700	484	8	(D)	(D)	(D)	(D)	(D)	(D)
hundredweight	126 834	95 156	966	(D)	(D)	(D)	(D)	(D)	(D)
Irrigated ... farms	11	11	–	–	–	–	–	–	–
acres	13	13	–	–	–	–	–	–	–
Farms by acres harvested:									
0.1 to 0.9 acres	82	71	10	–	–	–	–	–	1
1.0 to 4.9 acres	22	19	3	–	–	–	–	–	–
5.0 to 24.9 acres	9	8	–	1	–	–	1	1	–
25.0 to 99.9 acres	3	3	–	–	–	–	–	–	–
100.0 acres or more	3	2	–	1	1	1	–	–	–
Hay crops (see text) ... farms	5 953	5 362	449	112	97	93	15	14	30
acres	492 192	418 243	53 410	18 580	16 052	15 053	2 528	2 388	1 959
tons, dry	876 374	736 884	101 281	34 679	30 455	29 233	4 224	3 990	3 530
Irrigated ... farms	11	8	3	–	–	–	–	–	–
acres	264	137	127	–	–	–	–	–	–
Farms by acres harvested:									
1 to 24 acres	1 255	1 200	31	11	10	9	1	1	13
25 to 99 acres	2 884	2 648	193	34	29	29	5	5	9
100 to 499 acres	1 785	1 493	223	61	53	51	8	7	8
500 acres or more	29	21	2	6	5	4	1	1	–
Alfalfa hay ... farms	2 050	1 799	190	57	50	49	7	7	4
acres	98 979	83 838	10 271	4 682	3 509	3 410	1 173	1 173	188
tons, dry	219 212	182 301	25 423	10 958	8 498	8 251	2 460	2 460	530
Irrigated ... farms	1	1	–	–	–	–	–	–	–
acres	(D)	(D)	–	–	–	–	–	–	–
All vegetables harvested for sale (see text) ... farms	279	244	20	4	2	2	2	2	11
acres	1 593	1 025	417	126	(D)	(D)	(D)	(D)	25
Irrigated ... farms	31	29	1	1	1	1	–	–	–
acres	306	(D)	(D)	(D)	(D)	(D)	–	–	–
Farms by acres harvested:									
0.1 to 4.9 acres	211	188	12	2	1	1	1	1	9
5.0 to 24.9 acres	56	49	4	1	1	1	–	–	2
25.0 to 99.9 acres	10	7	3	–	–	–	–	–	–
100.0 acres or more	2	–	1	1	–	–	1	1	–
Land in orchards ... farms	392	364	12	11	9	8	2	2	5
acres	6 473	4 588	132	1 746	(D)	(D)	(D)	(D)	8
Irrigated ... farms	9	8	1	–	–	–	–	–	–
acres	212	(D)	(D)	–	–	–	–	–	–
Farms by acres in orchards:									
0.1 to 4.9 acres	137	125	6	1	1	–	–	–	5
5.0 to 24.9 acres	215	211	4	–	–	–	–	–	–
25.0 to 99.9 acres	29	23	2	4	3	3	1	1	–
100.0 acres or more	11	5	–	6	5	5	1	1	–
Apples ... farms	389	361	12	11	9	8	2	2	5
total acres	6 410	4 528	130	1 746	(D)	(D)	(D)	(D)	6
pounds	50 012 866	26 215 546	1 461 820	22 291 500	(D)	(D)	(D)	(D)	44 000

[1]1978 data are based on a sample of farms; see text.

Table 31. Summary by Age and Principal Occupation of Operator: 1978

(Excludes abnormal farms; see text)

All Farms

	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
FARMS AND LAND IN FARMS								
Farms ..... number	7 258	4 564	124	797	953	1 074	929	687
..... percent	100.0	62.8	1.7	10.9	13.1	14.7	12.7	9.4
Land in farms ..... acres	1 745 390	1 384 281	26 878	199 952	291 770	368 442	324 572	172 667
Average size of farm ..... acres	240	303	217	251	306	343	349	251
Value of land and buildings[1] ..... farms	7 258	4 592	104	855	920	1 075	906	732
..... $1,000	1 165 074	877 079	15 454	134 738	187 791	243 591	188 091	107 414
Average per farm ..... dollars	160 522	191 001	148 594	157 588	204 120	226 596	207 606	146 740
Average per acre ..... dollars	655	613	530	633	657	635	565	575
Farms by value of land and buildings:								
$1 to $19,999	200	89	15	2	10	9	14	39
$20,000 to $39,999	704	258	2	82	23	36	21	94
$40,000 to $69,999	1 076	500	12	202	36	43	68	139
$70,000 to $99,999	1 031	536	16	70	196	72	102	80
$100,000 to $149,999	1 221	817	24	128	173	214	163	115
$150,000 to $199,999	1 169	786	12	140	146	219	179	90
$200,000 to $499,999	1 569	1 367	20	202	276	416	295	158
$500,000 to $999,999	240	200	2	26	52	54	53	13
$1,000,000 or more	48	39	1	3	8	12	11	4
Owned and rented land by operator:								
Land owned ..... farms	6 809	4 245	74	651	891	1 037	916	676
..... acres	1 405 706	1 063 658	16 267	112 067	211 465	296 312	271 007	156 540
Land rented or leased from others ..... farms	3 244	2 488	81	605	528	591	480	203
..... acres	386 327	343 595	11 426	90 444	82 643	78 907	60 689	19 486
Land rented or leased to others ..... farms	531	245	11	16	27	61	71	59
..... acres	46 643	22 972	815	2 559	2 338	6 777	7 124	3 359
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms	7 080	4 472	117	777	940	1 059	918	661
..... acres	858 808	716 790	15 175	113 551	164 491	195 901	154 952	72 720
Harvested cropland ..... farms	6 568	4 227	103	751	804	1 039	888	642
..... acres	579 014	493 199	10 255	79 664	114 228	137 577	104 008	47 467
Farms by acres harvested:								
1 to 49 acres	3 016	1 189	34	269	109	202	222	353
50 to 99 acres	1 422	1 067	22	155	190	286	262	152
100 to 199 acres	1 383	1 267	41	211	319	333	270	93
200 to 499 acres	693	652	4	108	176	204	121	39
500 to 999 acres	51	49	2	8	9	14	12	4
1,000 to 1,999 acres	2	2	–	–	1	–	1	–
2,000 acres or more	1	1	–	–	–	–	–	1
Cropland:								
Pasture or grazing only ..... farms	4 782	3 131	79	587	684	734	640	407
..... acres	253 140	208 272	4 589	31 438	47 034	54 155	47 682	23 374
Cover crops, legumes, and soil-improvement grasses not harvested or pastured ..... farms	291	171	8	24	36	47	34	22
..... acres	5 332	3 530	(D)	(D)	893	1 085	529	496
On which all crops failed ..... farms	111	70	–	15	18	18	13	6
..... acres	1 828	1 290	–	245	345	488	166	46
In cultivated summer fallow ..... farms	109	72	1	14	8	13	20	16
..... acres	1 977	1 635	(D)	(D)	267	237	437	389
Idle ..... farms	613	344	15	84	52	55	75	63
..... acres	17 517	8 864	180	1 523	1 724	2 359	2 130	948
Total woodland ..... farms	5 507	3 641	85	621	682	927	783	543
..... acres	696 460	518 890	9 315	71 881	91 896	131 721	133 711	80 366
Woodland pastured ..... farms	2 306	1 779	40	247	362	490	404	236
..... acres	168 042	141 341	2 208	17 490	27 448	39 505	36 628	18 062
Woodland not pastured ..... farms	4 527	2 910	70	515	530	711	634	450
..... acres	528 418	377 549	7 107	54 391	64 448	92 216	97 083	62 304
Pastureland and rangeland other than cropland and woodland pastured ..... farms	1 642	1 137	22	152	226	304	267	166
..... acres	116 543	95 061	1 281	9 520	20 898	27 437	23 783	12 142
Land in house lots, ponds, roads, wasteland, etc. ..... farms	4 217	2 603	60	345	600	654	540	404
..... acres	73 579	53 540	1 107	5 000	14 485	13 383	12 126	7 439
Pastureland, all types ..... farms	6 125	4 043	98	701	879	975	838	552
..... acres	537 725	444 674	8 078	58 448	95 380	121 097	108 093	53 578
Irrigated land ..... farms	108	70	1	3	22	22	13	9
..... acres	1 586	1 423	(D)	42	(D)	274	433	54
Harvested cropland irrigated ..... farms	95	59	–	3	14	20	13	9
..... acres	1 313	1 167	–	42	415	223	433	54
Pastureland irrigated ..... farms	13	11	1	–	7	3	–	–
..... acres	259	(D)	(D)	–	182	51	–	–
Other land irrigated ..... farms	4	1	–	–	1	–	–	–
..... acres	14	(D)	–	–	(D)	–	–	–
Land set aside in the federal farm programs in 1978 ..... farms	113	101	4	12	30	29	19	7
..... acres	1 889	1 718	80	250	393	571	312	112
RACE AND TENURE OF OPERATOR								
All operators ..... number	7 258	4 564	124	797	953	1 074	929	687
Full owners ..... number	4 023	2 081	43	194	425	484	451	484
Part owners ..... number	2 780	2 160	31	457	466	550	465	191
Tenants ..... number	455	323	50	146	62	40	13	12
White ..... number	7 235	4 555	124	796	950	1 071	927	687
Full owners ..... number	4 009	2 073	43	193	423	481	449	484
Part owners ..... number	2 771	2 159	31	457	465	550	465	191
Tenants ..... number	455	323	50	146	62	40	13	12
Black and other races ..... number	23	9	–	1	3	3	2	–
Full owners ..... number	14	8	–	1	2	3	2	–
Part owners ..... number	9	1	–	–	1	–	–	–
Tenants ..... number	–	–	–	–	–	–	–	–

See footnote at end of table.

Table 31. **Summary by Age and Principal Occupation of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms		Other occupations						
			Age of operator					
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
FARMS AND LAND IN FARMS								
Farms	number	2 694	35	362	803	706	465	323
	percent	37.1	0.4	4.9	11.0	9.7	6.4	4.4
Land in farms	acres	361 109	3 795	30 649	91 760	91 594	87 707	55 604
Average size of farm	acres	134	108	85	114	130	189	172
Value of land and buildings[1]	farms	2 666	37	414	734	717	445	319
	$1,000	287 995	4 136	32 426	80 381	78 226	55 478	37 347
Average per farm	dollars	108 025	111 783	78 324	109 511	109 102	124 669	117 076
Average per acre	dollars	830	742	849	980	899	730	643
Farms by value of land and buildings:								
$1 to $19,999		111	1	20	32	35	22	1
$20,000 to $39,999		446	7	107	98	113	57	64
$40,000 to $69,999		576	8	100	162	146	118	42
$70,000 to $99,999		495	5	95	150	95	76	74
$100,000 to $149,999		404	–	41	66	157	69	71
$150,000 to $199,999		383	6	25	171	97	48	36
$200,000 to $499,999		202	10	25	42	62	41	22
$500,000 to $999,999		40	–	1	12	8	11	8
$1,000,000 or more		9	–	–	1	4	3	1
Owned and rented land by operator:								
Land owned	farms	2 564	28	327	766	668	455	320
	acres	342 048	2 135	25 146	85 017	85 688	86 802	57 260
Land rented or leased from others	farms	756	29	150	240	223	89	25
	acres	42 732	1 760	8 013	14 037	10 505	6 350	2 067
Land rented or leased to others	farms	286	3	36	72	63	64	48
	acres	23 671	100	2 510	7 294	4 599	5 445	3 723
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	2 608	35	350	783	668	458	314
	acres	142 018	1 872	14 943	39 063	36 886	29 420	19 834
Harvested cropland	farms	2 341	33	293	706	588	423	298
	acres	85 815	1 254	7 785	24 984	22 261	18 433	11 098
Farms by acres harvested:								
1 to 49 acres		1 827	23	261	579	446	301	217
50 to 99 acres		355	6	19	79	102	84	65
100 to 199 acres		116	4	11	30	26	30	15
200 to 499 acres		41	–	2	17	14	7	1
500 to 999 acres		2	–	–	1	–	1	–
1,000 to 1,999 acres		–	–	–	–	–	–	–
2,000 acres or more		–	–	–	–	–	–	–
Cropland:								
Pasture or grazing only	farms	1 651	21	233	535	442	264	156
	acres	44 868	338	5 718	11 795	11 573	9 044	6 400
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	120	1	15	57	15	17	15
	acres	1 802	(D)	169	682	255	334	(D)
On which all crops failed	farms	41	1	3	4	9	5	19
	acres	538	(D)	(D)	43	291	107	75
In cultivated summer fallow	farms	37	–	2	17	11	5	2
	acres	342	–	(D)	180	70	84	(D)
Idle	farms	269	16	40	75	59	40	39
	acres	8 653	257	1 261	1 379	2 436	1 418	1 902
Total woodland	farms	1 866	23	215	522	470	376	260
	acres	177 570	1 322	12 751	42 351	43 200	49 182	28 764
Woodland pastured	farms	527	5	42	129	153	119	79
	acres	26 701	175	1 314	4 615	7 912	8 364	4 321
Woodland not pastured	farms	1 617	20	190	456	405	311	235
	acres	150 869	1 147	11 437	37 736	35 288	40 818	24 443
Pastureland and rangeland other than cropland and woodland pastured	farms	505	20	62	138	114	97	74
	acres	21 482	523	1 321	4 914	5 700	4 890	4 134
Land in house lots, ponds, roads, wasteland, etc.	farms	1 614	17	204	519	425	265	184
	acres	20 039	78	1 634	5 432	5 808	4 215	2 872
Pastureland, all types	farms	2 082	32	265	665	541	357	222
	acres	93 051	1 036	8 353	21 324	25 185	22 298	14 855
Irrigated land	farms	38	–	6	7	18	3	4
	acres	163	–	15	17	88	38	5
Harvested cropland irrigated	farms	36	–	6	6	17	3	4
	acres	146	–	15	(D)	(D)	38	5
Pastureland irrigated	farms	2	–	–	1	1	–	–
	acres	(D)	–	–	(D)	(D)	–	–
Other land irrigated	farms	3	–	–	1	2	–	–
	acres	6	–	–	(D)	(D)	–	–
Land set aside in the federal farm programs in 1978	farms	12	1	1	3	3	2	2
	acres	171	(D)	(D)	44	46	(D)	(D)
RACE AND TENURE OF OPERATOR								
All operators	number	2 694	35	362	803	706	465	323
Full owners	number	1 942	6	212	567	483	376	298
Part owners	number	620	22	114	199	185	78	22
Tenants	number	132	7	36	37	38	11	3
White	number	2 680	28	361	801	705	462	323
Full owners	number	1 936	6	212	565	482	373	298
Part owners	number	612	15	113	199	185	78	22
Tenants	number	132	7	36	37	38	11	3
Black and other races	number	14	7	1	2	1	3	–
Full owners	number	6	–	–	2	1	3	–
Part owners	number	8	7	1	–	–	–	–
Tenants	number	–	–	–	–	–	–	–

See footnote at end of table.

Table 31. **Summary by Age and Principal Occupation of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
FARMS BY TYPE OF ORGANIZATION								
Individual or family ... farms	6 572	4 052	109	728	852	957	787	619
acres	1 478 116	1 156 044	23 343	172 077	247 601	314 133	260 393	138 497
Partnership ... farms	511	382	11	50	74	86	108	53
acres	188 748	163 999	2 727	18 690	29 457	38 874	48 254	25 997
Corporations:								
Family held ... farms	125	101	2	12	19	27	29	12
acres	59 679	51 381	(D)	(D)	10 273	14 334	14 562	4 993
More than 10 stockholders ... farms	4	3	–	–	1	1	1	–
10 or less stockholders ... farms	121	98	2	12	18	26	28	12
Other than family held ... farms	20	17	–	2	6	3	3	3
acres	9 735	8 923	–	(D)	(D)	(D)	(D)	3 180
More than 10 stockholders ... farms	1	1	–	–	–	–	–	1
10 or less stockholders ... farms	19	16	–	2	6	3	3	2
Other—cooperative, estate or trust, etc. ... farms	30	12	2	5	2	1	2	–
acres	9 112	3 934	(D)	(D)	(D)	(D)	(D)	–
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	6 363	4 121	97	725	858	1 000	833	608
Not on farm operated	484	197	22	45	32	33	46	19
Operators by age group:								
Under 25 years	159	124	124	–	–	–	–	–
25 to 34 years	1 159	797	–	797	–	–	–	–
35 to 44 years	1 756	953	–	–	953	–	–	–
45 to 54 years	1 780	1 074	–	–	–	1 074	–	–
55 to 64 years	1 394	929	–	–	–	–	929	–
65 years and over	1 010	687	–	–	–	–	–	687
Average age	48.3	48.7	22.6	30.2	39.7	49.8	59.4	71.2
Operators by sex:								
Male	6 666	4 208	122	774	790	1 026	872	624
Female	592	356	2	23	163	48	57	63
Operators of Spanish origin	35	10	–	1	4	3	1	1
Operators by principal occupation:								
Farming	4 564	4 564	124	797	953	1 074	929	687
Other	2 694	–	–	–	–	–	–	–
Operators reporting days of work off farm:								
None	3 472	3 157	73	416	721	765	658	524
1 to 99 days	768	628	13	137	109	135	154	80
100 to 199 days	672	354	12	182	50	41	41	28
200 days or more	2 095	174	21	38	41	34	30	10
FARMS BY SIZE								
1 to 9 acres	316	93	17	19	9	11	14	23
10 to 49 acres	862	247	14	77	29	42	25	60
50 to 69 acres	362	105	3	17	20	20	20	25
70 to 99 acres	580	172	1	38	16	32	27	58
100 to 139 acres	897	566	19	163	175	57	68	84
140 to 179 acres	656	392	8	45	57	95	81	106
180 to 219 acres	579	418	13	66	78	85	99	77
220 to 259 acres	525	412	9	69	76	100	105	53
260 to 499 acres	1 680	1 440	29	208	356	429	295	123
500 to 999 acres	681	624	9	86	122	181	162	64
1,000 to 1,999 acres	111	87	2	7	15	21	31	11
2,000 acres or more	9	8	–	2	–	1	2	3
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	13	7	–	2	3	–	1	1
Field crop, except cash grain farms (013)	1 033	354	9	26	39	40	78	162
Cotton farms (0131)	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	1 033	354	9	26	39	40	78	162
Vegetable and melon farms (016)	102	50	4	6	6	7	7	20
Fruit and tree nut farms (017)	166	69	1	16	12	7	17	16
Horticultural specialty farms (018)	164	83	1	38	8	15	7	14
General farms, primarily crop (019)	301	50	–	17	2	8	19	4
Livestock farms, except dairy, poultry, and animal specialty (021)	1 656	572	29	61	57	144	121	160
Beef cattle farms, except feedlots (0212)	1 086	438	26	38	39	105	101	129
Dairy farms (024)	3 198	3 008	77	492	687	830	649	273
Poultry and egg farms (025)	84	39	–	5	5	8	10	11
Animal specialty farms (027)	322	176	2	11	131	7	13	12
General farms, primarily livestock (029)	219	156	1	123	3	8	7	14
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold ... farms	7 258	4 564	124	797	953	1 074	929	687
$1,000	273 488	255 165	5 081	38 463	63 475	73 889	54 238	20 019
Farms by value of agricultural products sold:								
$500,000 or more	11	10	1	–	2	2	2	3
$200,000 to $499,999	124	121	2	14	34	33	31	7
$100,000 to $199,999	632	609	6	92	163	199	123	26
$40,000 to $99,999	1 670	1 590	40	286	401	431	307	125
$20,000 to $39,999	725	646	21	80	97	180	179	89
$10,000 to $19,999	476	352	9	48	53	77	97	68
$5,000 to $9,999	455	225	11	43	40	24	47	60
$2,500 to $4,999	742	350	12	143	19	57	39	80
Less than $2,500	2 423	661	22	91	144	71	104	229

See footnote at end of table.

Table 31. **Summary by Age and Principal Occupation of Operator: 1978**—Con.

[Excludes abnormal forms; see text]

All Farms	Other occupations						
		Age of operator					
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
FARMS BY TYPE OF ORGANIZATION							
Individual or family ... farms	2 520	31	316	773	673	426	301
acres	322 072	2 810	26 314	82 830	81 051	76 956	52 111
Partnership ... farms	129	3	33	22	24	26	21
acres	24 749	(D)	2 567	5 821	6 214	5 979	(D)
Corporations:							
Family held ... farms	24	–	5	6	6	6	1
acres	8 298	–	1 602	(D)	844	(D)	(D)
More than 10 stockholders ... farms	1	–	–	1	–	–	–
10 or less stockholders ... farms	23	–	5	5	6	6	1
Other than family held ... farms	3	–	–	–	1	2	–
acres	812	–	–	–	(D)	(D)	–
More than 10 stockholders ... farms	–	–	–	–	–	–	–
10 or less stockholders ... farms	3	–	–	–	1	2	–
Other—cooperative, estate or trust, etc. ... farms	18	1	8	2	2	5	–
acres	5 178	(D)	166	(D)	(D)	1 090	–
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	2 242	29	307	700	595	363	248
Not on farm operated	287	4	27	62	74	66	54
Operators by age group:							
Under 25 years	35	35	–	–	–	–	–
25 to 34 years	362	–	362	–	–	–	–
35 to 44 years	803	–	–	803	–	–	–
45 to 54 years	706	–	–	–	706	–	–
55 to 64 years	465	–	–	–	–	465	–
65 years and over	323	–	–	–	–	–	323
Average age	47.7	21.8	31.0	39.2	49.4	58.9	70.9
Operators by sex:							
Male	2 458	34	321	766	662	414	261
Female	236	1	41	37	44	51	62
Operators of Spanish origin	25	–	–	3	8	5	9
Operators by principal occupation:							
Farming	–	–	–	–	–	–	–
Other	2 694	35	362	803	706	465	323
Operators reporting days of work off farm:							
None	315	2	10	56	30	69	148
1 to 99 days	140	1	9	24	18	29	59
100 to 199 days	318	9	60	87	89	51	22
200 days or more	1 921	23	283	636	569	316	94
FARMS BY SIZE							
1 to 9 acres	223	2	40	78	61	25	17
10 to 49 acres	615	8	139	182	212	35	39
50 to 69 acres	257	11	57	80	48	38	23
70 to 99 acres	408	–	25	196	68	77	42
100 to 139 acres	331	3	32	65	78	88	65
140 to 179 acres	264	4	23	66	87	40	44
180 to 219 acres	161	2	20	35	38	36	30
220 to 259 acres	113	2	10	32	30	19	20
260 to 499 acres	240	3	9	49	69	81	29
500 to 999 acres	57	–	6	18	10	19	4
1,000 to 1,999 acres	24	–	1	2	4	7	10
2,000 acres or more	1	–	–	–	1	–	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	6	–	2	1	–	2	1
Field crop, except cash grain farms (013)	679	5	68	140	173	158	135
Cotton farms (0131)	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	679	5	68	140	173	158	135
Vegetable and melon farms (016)	52	–	17	12	11	8	4
Fruit and tree nut farms (017)	97	7	17	31	18	8	16
Horticultural specialty farms (018)	81	1	8	21	32	12	7
General farms, primarily crop (019)	251	1	32	57	89	45	27
Livestock farms, except dairy, poultry, and animal specialty (021)	1 084	17	133	404	260	173	97
Beef cattle farms, except feedlots (0212)	648	15	80	172	171	131	79
Dairy farms (024)	190	3	31	59	44	33	20
Poultry and egg farms (025)	45	–	1	32	4	5	3
Animal specialty farms (027)	146	1	33	32	58	12	10
General farms, primarily livestock (029)	63	–	20	14	17	9	3
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold ... farms	2 694	35	362	803	706	465	323
$1,000	18 323	125	1 890	5 730	4 724	3 964	1 891
Farms by value of agricultural products sold:							
$500,000 or more	1	–	–	1	–	–	–
$200,000 to $499,999	3	–	–	1	1	1	–
$100,000 to $199,999	23	–	2	7	5	8	1
$40,000 to $99,999	80	–	11	24	20	14	11
$20,000 to $39,999	79	1	9	29	23	12	5
$10,000 to $19,999	124	2	9	42	23	24	24
$5,000 to $9,999	230	3	26	43	80	51	27
$2,500 to $4,999	392	4	55	85	104	81	63
Less than $2,500	1 762	25	250	571	450	274	192

See footnote at end of table.

Table 31. **Summary by Age and Principal Occupation of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms

		Total farming and other occupations	Farming						
			Total	Age of operator					
				Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
VALUE OF PRODUCTS SOLD—Con.									
Market value of agricultural products sold—Con.									
Grain	forms	63	49	3	6	17	9	8	6
	$1,000	276	220	4	27	138	13	15	24
Sales of $40,000 or more	forms	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans	forms	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–
Cotton and cottonseed	forms	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more	forms	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans	forms	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–
Tobacco	forms	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more	forms	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage	forms	1 669	835	14	217	107	133	145	219
	$1,000	7 203	4 515	101	667	824	1 001	913	1 010
Sales of $40,000 or more	forms	18	14	–	1	2	5	2	4
	$1,000	1 219	921	–	(D)	(D)	267	(D)	299
Vegetables, sweet corn, and melons	forms	279	158	7	18	27	44	29	33
	$1,000	1 153	969	116	145	132	111	335	130
Sales of $40,000 or more	forms	6	6	2	–	1	1	2	–
	$1,000	431	431	(D)	–	(D)	(D)	(D)	–
Fruits, nuts, and berries	forms	219	119	3	21	20	19	26	30
	$1,000	6 102	5 011	144	618	1 466	589	1 853	341
Sales of $40,000 or more	forms	38	33	1	4	9	6	9	4
	$1,000	5 427	4 533	(D)	(D)	1 407	550	1 642	258
Nursery and greenhouse products	forms	206	116	3	43	12	18	13	27
	$1,000	2 268	1 483	17	173	305	525	321	142
Sales of $40,000 or more	forms	17	12	–	1	4	4	2	1
	$1,000	1 189	860	–	(D)	279	248	(D)	(D)
Other crops	forms	83	45	2	2	7	7	12	15
	$1,000	449	413	(D)	(D)	91	14	175	120
Sales of $40,000 or more	forms	4	4	–	–	1	–	2	1
	$1,000	356	356	–	–	(D)	–	(D)	(D)
Poultry and poultry products	forms	464	228	3	27	45	46	48	59
	$1,000	6 259	6 069	1	334	499	3 721	1 294	220
Sales of $40,000 or more	forms	19	18	–	3	3	5	5	2
	$1,000	5 882	(D)	–	310	479	3 665	1 189	(D)
Dairy products	forms	3 356	3 122	82	500	700	861	674	305
	$1,000	218 680	209 683	4 112	32 273	53 143	61 219	43 841	15 094
Sales of $40,000 or more	forms	2 165	2 083	41	351	540	606	410	135
	$1,000	192 919	185 951	3 447	28 655	49 379	54 854	37 732	11 885
Cattle and calves	forms	4 852	3 761	92	658	758	987	798	468
	$1,000	29 007	25 485	562	3 858	6 524	6 452	5 312	2 777
Sales of $40,000 or more	forms	66	59	3	5	15	13	15	8
	$1,000	5 596	5 143	129	466	1 915	859	980	793
Hogs and pigs	forms	574	298	4	43	160	30	35	26
	$1,000	507	299	2	60	88	83	27	38
Sales of $40,000 or more	forms	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–
Sheep, lambs, and wool	forms	467	290	2	36	155	31	38	28
	$1,000	335	235	(D)	(D)	31	47	31	30
Sales of $40,000 or more	forms	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–
Other livestock and livestock products (see text)	forms	874	459	8	164	177	39	37	34
	$1,000	1 251	783	8	214	234	114	120	94
Sales of $40,000 or more	forms	2	2	–	1	–	1	–	–
	$1,000	(D)	(D)	–	(D)	–	(D)	–	–
SELECTED FARM PRODUCTION EXPENSES[1]									
Livestock and poultry purchased	forms	3 485	2 236	82	582	443	500	362	267
	$1,000	15 959	13 969	649	2 878	3 979	3 683	1 965	814
Farms with expenses of—									
$1 to $4,999		2 714	1 552	65	403	272	309	266	237
$5,000 to $19,999		599	533	4	155	131	143	77	23
$20,000 to $49,999		142	123	11	21	31	41	14	5
$50,000 or more		30	28	2	3	9	7	5	2
Feed for livestock and poultry	forms	6 221	4 158	81	760	866	1 027	834	590
	$1,000	85 387	80 434	1 060	12 626	18 308	24 697	17 055	6 689
Farms with expenses of—									
$1 to $4,999		3 068	1 172	39	231	230	180	187	305
$5,000 to $19,999		1 541	1 436	22	255	272	396	319	172
$20,000 to $49,999		1 342	1 286	16	240	296	371	266	97
$50,000 or more		270	264	4	34	68	80	62	16
Commercially mixed formula feeds	forms	4 972	3 636	70	713	696	958	744	455
	tons	453 904	428 343	6 271	65 622	96 541	131 315	92 800	35 794
	$1,000	67 039	63 534	939	9 796	14 236	19 762	13 551	5 250
Farms by tons purchased:									
1 to 99 tons		3 334	2 072	50	458	350	485	409	320
100 to 499 tons		1 558	1 491	18	251	324	451	319	128
500 tons or more		80	73	2	4	22	22	16	7
Farms with expenses of—									
$1 to $4,999		2 113	902	28	231	111	168	173	191
$5,000 to $19,999		1 686	1 619	24	307	335	448	326	179
$20,000 to $49,999		1 000	948	15	153	207	296	201	76
$50,000 or more		173	167	3	22	43	46	44	9

See footnote at end of table.

Table 31. **Summary by Age and Principal Occupation of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms		Other occupations						
			Age of operator					
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
VALUE OF PRODUCTS SOLD—Con.								
Market value of agricultural products sold—Con.								
Grain	farms	14	–	2	4	3	3	2
	$1,000	56	–	(D)	13	4	23	(D)
Sales of $40,000 or more	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Commodity Credit Corporation loans	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Cotton and cottonseed	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Sales of $40,000 or more	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Commodity Credit Corporation loans	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Tobacco	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Sales of $40,000 or more	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage	farms	834	7	89	187	207	190	154
	$1,000	2 687	30	204	646	523	770	515
Sales of $40,000 or more	farms	4	–	–	1	–	2	1
	$1,000	299	–	–	(D)	–	(D)	(D)
Vegetables, sweet corn, and melons	farms	121	–	33	27	25	29	7
	$1,000	185	–	38	46	43	50	8
Sales of $40,000 or more	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Fruits, nuts, and berries	farms	100	–	12	45	24	8	11
	$1,000	1 091	–	48	770	65	187	21
Sales of $40,000 or more	farms	5	–	–	2	–	3	–
	$1,000	893	–	–	(D)	–	(D)	–
Nursery and greenhouse products	farms	90	1	8	21	35	14	11
	$1,000	785	(D)	162	167	341	72	(D)
Sales of $40,000 or more	farms	5	–	1	1	3	–	–
	$1,000	329	–	(D)	(D)	(D)	–	–
Other crops	farms	38	–	3	5	19	6	5
	$1,000	36	–	3	13	14	6	(Z)
Sales of $40,000 or more	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Poultry and poultry products	farms	236	4	35	95	53	31	18
	$1,000	190	(Z)	6	47	97	35	5
Sales of $40,000 or more	farms	1	–	–	–	1	–	–
	$1,000	(D)	–	–	–	(D)	–	–
Dairy products	farms	234	4	43	77	51	37	22
	$1,000	8 997	44	920	2 663	2 451	2 068	850
Sales of $40,000 or more	farms	82	–	10	22	19	20	11
	$1,000	6 968	–	662	1 847	1 913	1 818	727
Cattle and calves	farms	1 091	21	138	299	300	211	122
	$1,000	3 522	42	331	1 119	922	673	435
Sales of $40,000 or more	farms	7	–	1	5	1	–	–
	$1,000	454	–	(D)	(D)	(D)	–	–
Hogs and pigs	farms	276	5	68	93	62	39	9
	$1,000	208	2	55	66	47	30	9
Sales of $40,000 or more	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Sheep, lambs, and wool	farms	177	4	42	65	42	19	5
	$1,000	100	1	21	42	22	11	2
Sales of $40,000 or more	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Other livestock and livestock products (see text)	farms	415	2	61	210	104	22	16
	$1,000	467	(D)	(D)	137	195	40	4
Sales of $40,000 or more	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased	farms	1 249	18	231	378	382	146	94
	$1,000	1 991	28	190	702	740	201	130
Farms with expenses of—								
$1 to $4,999		1 162	18	224	339	352	142	87
$5,000 to $19,999		66	–	5	32	18	4	7
$20,000 to $49,999		19	–	2	7	10	–	–
$50,000 or more		2	–	–	–	2	–	–
Feed for livestock and poultry	farms	2 063	27	332	646	596	277	185
	$1,000	4 954	89	659	1 571	1 383	769	483
Farms with expenses of—								
$1 to $4,999		1 896	21	320	589	554	248	164
$5,000 to $19,999		105	6	4	35	27	20	13
$20,000 to $49,999		56	–	7	20	14	7	8
$50,000 or more		6	–	1	2	1	2	–
Commercially mixed formula feeds	farms	1 336	22	212	468	379	143	112
	tons	25 561	324	2 579	9 547	6 558	4 205	2 349
	$1,000	3 505	49	430	1 185	918	593	331
Farms by tons purchased:								
1 to 99 tons		1 262	22	204	445	360	128	103
100 to 499 tons		67	–	8	17	18	15	9
500 tons or more		7	–	–	6	1	–	–
Farms with expenses of—								
$1 to $4,999		1 211	16	202	428	346	117	102
$5,000 to $19,999		67	6	3	18	20	17	3
$20,000 to $49,999		52	–	6	20	12	7	7
$50,000 or more		6	–	1	2	1	2	–

See footnote at end of table.

Table 31. **Summary by Age and Principal Occupation of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms

	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Animal health costs ... forms	5 277	3 872	75	729	861	979	745	483
$1,000	3 472	3 114	42	522	780	882	639	249
Farms with expenses of—								
$1 to $499	3 250	2 009	55	391	415	456	376	316
$500 to $999	889	818	11	140	181	210	180	96
$1,000 to $2,999	971	890	6	185	211	274	155	59
$3,000 or more	167	155	3	13	54	39	34	12
Seeds, bulbs, plants, and trees ... forms	3 691	2 849	56	626	584	716	545	322
$1,000	3 346	2 857	51	551	617	731	712	194
Farms with expenses of—								
$1 to $999	2 686	1 966	34	445	388	464	364	271
$1,000 to $4,999	920	824	22	178	179	240	158	47
$5,000 to $9,999	66	44	–	3	15	8	14	4
$10,000 or more	19	15	–	–	2	4	9	–
Commercial fertilizer ... forms	4 745	3 369	72	571	711	846	692	477
$1,000	9 489	8 537	174	1 522	2 109	2 389	1 769	573
Farms with expenses of—								
$1 to $2,499	3 534	2 212	46	357	412	503	464	430
$2,500 to $9,999	1 091	1 042	24	193	265	317	203	40
$10,000 to $19,999	109	104	1	20	31	24	23	5
$20,000 or more	11	11	1	1	3	2	2	2
Other agricultural chemicals including lime ... forms	4 037	2 965	57	587	625	723	573	400
$1,000	2 803	2 418	57	351	659	600	537	215
Farms with expenses of—								
$1 to $2,499	3 862	2 807	50	564	582	688	535	388
$2,500 to $9,999	154	138	7	22	33	33	32	11
$10,000 to $19,999	17	17	–	1	9	2	4	1
$20,000 or more	4	3	–	–	1	–	2	–
Energy and petroleum products ... forms	7 236	4 592	104	855	920	1 075	906	732
$1,000	15 463	13 761	222	2 101	3 206	3 866	2 990	1 376
Farms with expenses of—								
$1 to $2,499	5 012	2 502	69	524	436	488	447	538
$2,500 to $9,999	2 056	1 928	34	317	439	533	421	184
$10,000 to $19,999	150	146	1	14	42	49	33	7
$20,000 or more	18	16	–	–	3	5	5	3
Petroleum products ... forms	7 224	4 592	104	855	920	1 075	906	732
$1,000	9 775	8 608	149	1 288	2 015	2 436	1 857	863
Gasoline ... forms	7 020	4 473	103	825	879	1 045	899	722
$1,000	5 323	4 592	98	649	1 022	1 302	1 044	477
Diesel fuel ... forms	3 498	2 877	58	499	635	751	592	342
$1,000	2 647	2 440	34	402	610	701	471	222
LP gas, butane, and propane ... forms	748	671	1	221	100	159	131	59
$1,000	247	223	(D)	46	48	56	(D)	(D)
Fuel oil ... forms	816	663	8	114	131	185	141	84
$1,000	706	624	(D)	81	157	186	(D)	66
Natural gas ... forms	35	29	–	7	8	4	8	2
$1,000	10	8	–	1	3	1	(D)	(D)
Kerosene, motor oil, and grease ... forms	7 224	4 592	104	855	920	1 075	906	732
$1,000	841	721	12	108	175	191	164	72
Electricity ... forms	5 174	3 751	60	714	736	911	763	567
$1,000	5 479	5 007	74	797	1 170	1 379	1 092	496
Other—coal, wood, coke, etc. ... forms	473	344	–	55	53	96	84	56
$1,000	210	146	–	16	21	51	41	17
Hired farm labor ... forms	3 853	2 995	42	510	589	771	654	429
$1,000	21 322	19 241	274	2 093	4 127	5 262	5 321	2 163
Farms with expenses of—								
$1 to $4,999	2 528	1 761	27	364	347	385	330	308
$5,000 to $19,999	1 147	1 070	9	132	201	343	280	105
$20,000 to $49,999	148	136	5	13	33	40	35	10
$50,000 or more	30	28	1	1	8	3	9	6
Workers by number of days worked:								
150 days or more ... forms	2 094	1 836	22	216	369	538	455	236
workers	4 113	3 656	37	397	765	1 044	977	436
Less than 150 days ... forms	2 927	2 220	31	437	423	539	457	333
workers	10 154	7 870	104	1 297	1 603	1 821	1 849	1 196
Contract labor ... forms	444	341	2	208	25	38	41	27
$1,000	658	494	(D)	(D)	104	115	92	44
Farms with expenses of—								
$1 to $2,499	373	276	2	195	12	17	29	21
$2,500 to $9,999	66	61	–	12	12	21	10	6
$10,000 to $19,999	3	3	–	1	–	–	2	–
$20,000 or more	2	1	–	–	1	–	–	–
Customwork, machine hire, and rental of machinery and equipment ... forms	1 709	1 308	9	206	274	377	276	166
$1,000	1 296	1 118	9	187	283	271	263	104
Farms with expenses of—								
$1 to $2,499	1 608	1 218	8	184	248	366	253	159
$2,500 to $9,999	95	84	1	21	25	11	20	6
$10,000 to $19,999	6	6	–	1	1	–	3	1
$20,000 or more	–	–	–	–	–	–	–	–
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services ... forms	437	301	12	57	65	59	60	48
$1,000	431	331	17	49	68	96	50	52
Value of agricultural products sold directly to individuals for human consumption ... forms	727	395	10	80	75	73	89	68
$1,000	1 895	1 513	44	288	330	292	340	218

See footnote at end of table.

Table 31. Summary by Age and Principal Occupation of Operator: 1978—Con.

[Excludes abnormal farms; see text]

All Farms		Other occupations						
			Age of operator					
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Animal health costs	farms	1 405	30	248	374	442	195	116
	$1,000	358	6	40	89	122	81	20
Farms with expenses of—								
$1 to $499		1 241	24	238	314	391	168	106
$500 to $999		71	6	2	45	12	4	2
$1,000 to $2,999		81	–	7	14	32	20	8
$3,000 or more		12	–	1	1	7	3	–
Seeds, bulbs, plants, and trees	farms	842	18	140	218	244	136	86
	$1,000	489	2	71	139	138	87	53
Farms with expenses of—								
$1 to $999		720	18	131	188	195	109	79
$1,000 to $4,999		96	–	8	23	43	21	1
$5,000 to $9,999		22	–	–	5	6	5	6
$10,000 or more		4	–	1	2	–	1	–
Commercial fertilizer	farms	1 376	18	198	457	344	185	174
	$1,000	952	15	89	331	208	184	124
Farms with expenses of—								
$1 to $2,499		1 322	18	196	437	326	176	169
$2,500 to $9,999		49	–	2	17	18	7	5
$10,000 to $19,999		5	–	–	3	–	2	–
$20,000 or more		–	–	–	–	–	–	–
Other agricultural chemicals including lime	farms	1 072	16	168	353	290	138	107
	$1,000	384	2	67	161	76	52	27
Farms with expenses of—								
$1 to $2,499		1 055	16	168	343	284	137	107
$2,500 to $9,999		16	–	–	9	6	1	–
$10,000 to $19,999		–	–	–	–	–	–	–
$20,000 or more		1	–	–	1	–	–	–
Energy and petroleum products	farms	2 644	37	409	733	707	439	319
	$1,000	1 702	25	168	460	520	306	222
Farms with expenses of—								
$1 to $2,499		2 510	31	397	696	664	413	309
$2,500 to $9,999		128	6	12	34	40	26	10
$10,000 to $19,999		4	–	–	2	2	–	–
$20,000 or more		2	–	–	1	1	–	–
Petroleum products	farms	2 632	37	409	733	695	439	319
	$1,000	1 167	17	116	321	340	213	160
Gasoline	farms	2 547	37	396	699	673	424	318
	$1,000	731	9	75	200	196	137	114
Diesel fuel	farms	621	11	70	190	174	101	75
	$1,000	208	7	17	61	63	39	22
LP gas, butane, and propane	farms	77	–	8	27	22	16	4
	$1,000	24	–	2	8	7	5	2
Fuel oil	farms	153	–	14	44	55	21	19
	$1,000	83	–	(D)	21	41	(D)	5
Natural gas	farms	6	–	1	–	3	2	–
	$1,000	1	–	(D)	–	1	(D)	–
Kerosene, motor oil, and grease	farms	2 632	37	409	733	695	439	319
	$1,000	120	2	14	31	33	25	16
Electricity	farms	1 423	12	231	356	426	210	188
	$1,000	472	8	46	136	163	67	52
Other—coal, wood, coke, etc.	farms	129	–	13	13	65	23	15
	$1,000	64	–	6	4	17	26	11
Hired farm labor	farms	858	11	115	193	257	172	110
	$1,000	2 081	13	205	509	584	525	244
Farms with expenses of—								
$1 to $4,999		767	11	112	166	225	157	96
$5,000 to $19,999		77	–	–	24	29	10	14
$20,000 to $49,999		12	–	3	2	3	4	–
$50,000 or more		2	–	–	1	–	1	–
Workers by number of days worked:								
150 days or more	farms	258	6	20	63	81	38	50
	workers	457	18	52	123	126	75	63
Less than 150 days	farms	707	11	108	150	206	152	80
	workers	2 284	17	512	334	639	493	289
Contract labor	farms	103	–	25	36	22	16	4
	$1,000	164	–	29	113	6	13	3
Farms with expenses of—								
$1 to $2,499		97	–	20	35	22	16	4
$2,500 to $9,999		5	–	5	–	–	–	–
$10,000 to $19,999		–	–	–	–	–	–	–
$20,000 or more		1	–	–	1	–	–	–
Customwork, machine hire, and rental of machinery and equipment	farms	401	5	64	84	132	60	56
	$1,000	178	1	31	39	45	28	33
Farms with expenses of—								
$1 to $2,499		390	5	63	79	130	58	55
$2,500 to $9,999		11	–	1	5	2	2	1
$10,000 to $19,999		–	–	–	–	–	–	–
$20,000 or more		–	–	–	–	–	–	–
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services	farms	136	7	18	35	35	29	12
	$1,000	100	7	24	30	22	10	7
Value of agricultural products sold directly to individuals for human consumption	farms	332	1	65	112	82	45	27
	$1,000	382	(D)	(D)	131	85	46	31

See footnote at end of table.

Table 31. **Summary by Age and Principal Occupation of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms

	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ... forms	7 253	4 592	104	855	920	1 075	906	732
$1,000	224 345	189 672	3 730	29 611	43 509	52 036	40 836	19 950
Forms by value group:								
$1 to $4,999	1 052	473	15	166	133	19	25	115
$5,000 to $9,999	1 759	585	18	102	56	151	96	162
$10,000 to $19,999	1 043	605	14	110	101	94	155	131
$20,000 to $49,999	1 826	1 473	30	270	276	367	325	205
$50,000 to $99,999	1 056	972	23	137	222	319	193	78
$100,000 to $199,999	455	425	3	61	117	112	97	35
$200,000 to $499,999	60	58	1	9	14	13	15	6
$500,000 or more	2	1	–	–	1	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ... forms	4 995	3 492	43	552	755	892	734	516
number	6 577	4 635	46	670	946	1 205	1 067	701
Motortrucks, including pickups ... forms	5 595	3 794	88	671	825	930	742	538
number	7 817	5 455	122	877	1 174	1 391	1 146	745
Wheel tractors ... forms	6 522	4 343	90	763	899	1 026	886	679
number	16 271	12 548	207	1 953	2 591	3 330	2 788	1 679
2 or 3 ... forms	3 065	2 155	39	325	493	472	467	359
number	7 673	5 587	104	859	1 298	1 253	1 223	850
4 or more ... forms	1 358	1 249	14	180	232	392	287	144
number	6 499	6 022	66	836	1 119	1 915	1 433	653
Grain and bean combines, self-propelled only ... forms	152	126	–	31	26	27	33	9
number	170	143	–	39	30	30	35	9
Cornpickers, corn heads, and picker-shellers ... forms	489	418	1	74	102	95	106	40
number	578	494	(D)	(D)	129	110	117	56
Corn heads for combines ... forms	355	304	1	59	69	57	82	36
number	374	321	(D)	(D)	74	60	83	42
Other cornpickers and picker-shellers ... forms	181	152	–	17	43	49	33	10
number	204	173	–	20	55	50	34	14
Cottonpickers ... forms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ... forms	3 701	2 975	57	572	618	775	579	374
number	4 094	3 305	72	622	664	856	669	422
Pickup balers ... forms	4 192	3 216	54	467	731	809	676	479
number	4 424	3 408	68	487	768	866	717	502
Field forage harvesters, shear bar or flywheel type ... forms	2 342	2 048	35	349	413	565	476	210
number	2 787	2 458	43	406	494	672	567	276
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ... forms	5 176	3 650	73	713	744	882	717	521
$1,000	12 292	10 955	230	1 873	2 768	2 990	2 306	788
Commercial fertilizer ... forms	4 621	3 308	72	552	709	826	680	469
acres on which used	367 785	330 538	6 921	55 775	81 722	94 737	67 887	23 496
Lime ... forms	2 510	1 977	47	316	462	532	393	227
acres on which used	81 665	71 702	1 672	12 132	19 015	19 691	13 742	5 450
tons	133 423	119 344	2 923	20 556	30 614	32 904	22 983	9 364
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ... forms	1 146	752	3	202	141	200	125	81
acres on which used	38 294	31 971	144	4 394	7 837	9 687	5 568	4 341
Nematodes in crops ... forms	130	107	–	22	25	34	24	2
acres on which used	7 369	7 077	–	2 826	1 526	1 310	1 314	(D)
Diseases in crops and orchards ... forms	382	210	6	43	25	48	44	44
acres on which used	9 848	8 162	276	1 633	1 643	2 136	1 398	(D)
Weeds, grass, or brush in crops and pasture ... forms	2 436	1 985	49	347	417	505	395	272
acres on which used	88 853	81 410	2 023	13 276	21 713	20 761	16 674	6 963
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ... forms	203	144	7	17	32	47	21	20
acres on which used	6 764	5 932	242	1 014	1 355	2 008	966	347
Insect control on livestock and poultry ... forms	2 405	1 872	18	438	375	466	345	230
Sanitation and rodent and bird control ... forms	910	707	10	139	137	196	132	93
LIVESTOCK								
Cattle and calves inventory ... forms	5 385	3 859	107	684	753	992	810	513
number	325 396	296 872	6 377	45 278	70 056	86 512	63 853	24 796
Forms with—								
1 to 9	1 135	398	11	153	16	59	46	113
10 to 49	1 645	988	41	128	129	199	270	221
50 to 99	1 563	1 470	42	257	354	422	276	119
100 to 199	843	812	10	123	205	258	170	46
200 to 499	190	182	2	23	47	51	47	12
500 or more	9	9	1	–	2	3	1	2
Cows and heifers that had calved ... forms	4 817	3 584	94	534	741	969	778	468
number	197 727	183 556	3 723	27 598	44 230	53 904	38 962	15 139
Beef cows ... forms	1 510	640	9	62	96	191	148	134
number	10 788	5 532	81	225	871	2 205	1 112	1 038
Forms with—								
1 to 9	1 160	449	5	57	66	118	101	102
10 to 49	333	181	4	5	29	68	47	28
50 to 99	14	9	–	–	1	4	–	4
100 to 199	2	1	–	–	–	1	–	–
200 to 499	1	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–

See footnote at end of table.

Table 31. **Summary by Age and Principal Occupation of Operator: 1978**—Con.

(Excludes abnormal farms; see text)

All Farms	Other occupations						
		Age of operator					
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ... farms	2 661	37	409	734	717	445	319
$1,000	34 673	534	3 828	9 449	9 643	6 275	4 945
Farms by value group:							
$1 to $4,999	579	15	125	158	136	97	48
$5,000 to $9,999	1 174	6	176	357	329	205	101
$10,000 to $19,999	438	–	65	87	139	80	67
$20,000 to $49,999	353	16	37	91	91	28	90
$50,000 to $99,999	84	–	5	28	10	29	12
$100,000 to $199,999	30	–	1	11	11	6	1
$200,000 to $499,999	2	–	–	2	–	–	–
$500,000 or more	1	–	–	–	1	–	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ... farms	1 503	18	187	435	419	249	195
number	1 942	25	226	510	547	364	270
Motortrucks, including pickups ... farms	1 801	26	287	542	493	272	181
number	2 362	26	361	698	640	394	243
Wheel tractors ... farms	2 179	21	289	600	614	364	291
number	3 723	43	479	936	1 119	666	480
2 or 3 ... farms	910	16	147	204	240	170	133
number	2 086	38	329	459	585	381	294
4 or more ... farms	109	–	2	24	47	27	9
number	477	–	(D)	(D)	207	118	37
Grain and bean combines, self-propelled only ... farms	26	–	1	7	2	9	7
number	27	–	(D)	(D)	(D)	10	7
Cornpickers, corn heads, and picker-shellers ... farms	71	–	5	21	9	18	18
number	84	–	6	28	10	20	20
Corn heads for combines ... farms	51	–	1	13	9	17	11
number	53	–	(D)	(D)	10	17	11
Other cornpickers and picker-shellers ... farms	29	–	4	15	–	3	7
number	31	–	4	15	–	3	9
Cottonpickers ... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ... farms	726	5	90	176	229	113	113
number	789	5	91	184	247	125	137
Pickup balers ... farms	976	21	120	211	305	189	130
number	1 016	21	121	228	321	194	131
Field forage harvesters, shear bar or flywheel type ... farms	294	6	43	111	56	51	27
number	329	6	43	124	64	59	33
AGRICULTURAL CHEMICALS[1]							
Agricultural chemicals, including commercial fertilizer and lime ... farms	1 526	23	223	484	387	222	187
$1,000	1 336	17	156	492	284	236	151
Commercial fertilizer ... farms	1 313	18	198	425	319	185	168
acres on which used	37 247	797	4 356	12 090	8 419	6 510	5 075
Lime ... farms	533	16	132	136	142	68	39
acres on which used	9 963	320	2 311	2 660	2 494	1 427	751
tons	14 079	586	2 946	4 117	3 474	2 271	685
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops ... farms	394	5	74	170	77	34	34
acres on which used	6 323	50	1 089	3 276	1 085	450	373
Nematodes in crops ... farms	23	5	4	3	6	5	–
acres on which used	292	50	12	106	34	90	–
Diseases in crops and orchards ... farms	172	5	32	46	36	30	23
acres on which used	1 686	50	372	752	167	227	118
Weeds, grass, or brush in crops and pasture ... farms	451	6	78	98	122	76	71
acres on which used	7 443	120	909	1 672	2 599	1 318	825
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit ... farms	59	5	15	18	20	1	–
acres on which used	832	55	15	242	(D)	(D)	–
Insect control on livestock and poultry ... farms	533	10	50	225	130	53	65
Sanitation and rodent and bird control ... farms	203	–	36	42	75	34	16
LIVESTOCK							
Cattle and calves inventory ... farms	1 526	23	213	428	434	270	158
number	28 524	335	2 892	8 466	8 106	6 145	2 580
Farms with—							
1 to 9	737	13	139	222	200	92	71
10 to 49	657	9	59	162	205	147	75
50 to 99	93	1	13	35	17	18	9
100 to 199	31	–	1	6	10	11	3
200 to 499	8	–	1	3	2	2	–
500 or more	–	–	–	–	–	–	–
Cows and heifers that had calved ... farms	1 233	11	190	347	335	220	130
number	14 171	120	1 532	4 062	3 934	3 110	1 413
Beef cows ... farms	870	6	123	238	254	166	83
number	5 256	27	542	1 456	1 423	1 324	484
Farms with—							
1 to 9	711	6	109	205	198	127	66
10 to 49	152	–	14	29	55	37	17
50 to 99	5	–	–	3	1	1	–
100 to 199	1	–	–	–	–	1	–
200 to 499	1	–	–	1	–	–	–
500 or more	–	–	–	–	–	–	–

See footnote at end of table.

Table 31. **Summary by Age and Principal Occupation of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms

	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows ... farms	3 912	3 341	92	512	708	928	714	387
number	186 939	178 024	3 642	27 373	43 359	51 699	37 850	14 101
Farms with—								
1 to 4	632	264	11	19	13	78	49	94
5 to 9	82	60	12	12	3	8	10	15
10 to 49	1 603	1 488	47	243	304	376	344	174
50 to 99	1 244	1 193	19	187	293	374	235	85
100 to 199	303	289	1	48	83	82	61	14
200 to 499	45	44	2	3	11	10	15	3
500 or more	3	3	–	–	1	–	–	2
Heifers and heifer calves ... farms	4 525	3 446	102	509	699	932	739	465
number	113 106	102 586	2 108	15 546	23 397	30 158	22 998	8 379
Steers, steer calves, bulls, and bull calves ... farms	3 105	2 164	49	416	440	541	439	279
number	14 563	10 730	546	2 134	2 429	2 450	1 893	1 278
Cattle and calves sold ... farms	4 852	3 761	92	658	758	987	798	468
number	161 535	146 393	3 088	22 731	35 759	40 093	31 663	13 059
$1,000	29 007	25 485	562	3 858	6 524	6 452	5 312	2 777
Calves ... farms	4 031	3 387	84	603	706	906	697	391
number	109 616	101 486	2 311	15 829	24 928	28 551	21 671	8 196
$1,000	7 042	6 337	197	1 018	1 862	1 630	1 161	468
Cattle ... farms	4 120	3 186	71	491	680	853	699	392
number	51 919	44 907	777	6 902	10 831	11 542	9 992	4 863
$1,000	21 965	19 148	365	2 840	4 662	4 822	4 151	2 309
Fattened on grain and concentrates ... farms	400	194	3	15	30	53	45	48
number	3 405	2 561	30	587	461	593	680	210
$1,000	1 357	1 030	13	206	224	229	284	74
Hogs and pigs inventory ... farms	1 069	585	17	78	223	113	87	67
number	7 656	3 407	47	460	666	947	611	676
Farms with—								
1 to 9	942	531	17	67	210	105	75	57
10 to 49	102	44	–	11	12	3	10	8
50 to 99	10	4	–	–	–	2	1	1
100 to 199	14	5	–	–	1	3	1	–
200 to 499	1	1	–	–	–	–	–	1
500 or more	–	–	–	–	–	–	–	–
Used or to be used for breeding ... farms	502	276	10	29	151	32	20	34
number	2 046	852	18	148	235	160	101	190
Other ... farms	844	418	10	70	95	99	83	61
number	5 610	2 555	29	312	431	787	510	486
Hogs and pigs sold ... farms	574	298	4	43	160	30	35	26
number	10 786	5 734	28	939	1 962	1 383	640	782
$1,000	507	299	2	60	88	83	27	38
Feeder pigs sold ... farms	277	186	1	15	139	11	12	8
number	5 955	3 011	(D)	(D)	1 581	349	240	393
$1,000	171	84	(D)	(D)	47	10	6	9
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ... farms	526	281	10	31	152	32	21	35
number	1 726	891	17	107	351	184	97	135
Dec. 1 and May 31 ... farms	422	258	9	27	146	28	14	34
number	1 036	614	9	54	302	114	46	89
June 1 and Nov. 30 ... farms	230	96	8	22	17	20	16	13
number	690	277	8	53	49	70	51	46
Sheep and lambs of all ages inventory ... farms	542	333	3	55	162	34	46	33
number	8 913	6 071	114	1 563	1 530	1 062	1 024	778
Ewes 1 year old or older ... farms	475	297	2	44	152	30	40	29
number	6 111	4 170	(D)	(D)	1 132	732	675	519
Sheep and lambs sold ... farms	278	148	2	33	28	26	35	24
number	5 678	3 786	(D)	(D)	553	768	626	577
Sheep and lambs shorn ... farms	450	281	2	35	152	28	37	27
number	7 452	5 212	(D)	(D)	1 438	1 004	690	598
pounds of wool	54 756	37 397	(D)	(D)	9 875	7 440	4 592	4 999
Horses and ponies inventory ... farms	1 991	1 151	17	251	323	212	185	163
number	8 367	5 121	29	798	1 516	1 286	977	515
Horses and ponies sold ... farms	601	380	2	146	161	27	23	21
number	1 622	1 101	(D)	(D)	458	162	75	50
$1,000	901	487	(D)	(D)	213	84	39	24
Goats inventory ... farms	418	196	8	10	133	5	5	35
number	2 192	1 397	83	23	1 131	54	22	84
Goats sold ... farms	180	12	1	2	2	1	3	3
number	1 033	89	(D)	(D)	(D)	(D)	6	34
$1,000	29	6	(D)	(D)	(D)	(D)	(Z)	3
POULTRY								
Chickens 3 months old or older inventory ... farms	1 213	701	16	70	225	147	111	132
number	531 152	510 903	305	28 212	65 680	310 151	87 838	18 717
Farms with—								
1 to 399	1 181	672	16	67	221	140	103	125
400 to 3,199	17	15	–	1	1	3	4	6
3,200 to 9,999	4	3	–	–	–	1	1	1
10,000 to 19,999	5	5	–	2	2	–	1	–
20,000 to 49,999	5	5	–	–	1	2	2	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	1	1	–	–	–	1	–	–
Hens and pullets of laying age ... farms	1 196	696	16	70	223	147	109	131
number	503 937	484 614	273	28 111	54 532	305 854	79 474	16 370
Pullets 3 months old or older not of laying age ... farms	140	66	9	11	13	7	13	13
number	27 215	26 289	32	101	11 148	4 297	8 364	2 347

See footnote at end of table.

Table 31. **Summary by Age and Principal Occupation of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Other occupations						
		Age of operator					
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
LIVESTOCK—Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows ..... forms	571	7	101	163	137	92	71
number	8 915	93	990	2 606	2 511	1 786	929
Farms with—							
1 to 4	368	2	78	92	89	57	50
5 to 9	22	2	1	10	4	3	2
10 to 49	115	3	16	45	26	14	11
50 to 99	51	–	5	10	13	15	8
100 to 199	14	–	1	6	4	3	–
200 to 499	1	–	–	–	1	–	–
500 or more	–	–	–	–	–	–	–
Heifers and heifer calves ..... forms	1 079	20	112	313	318	196	120
number	10 520	180	1 014	3 254	2 967	2 238	867
Steers, steer calves, bulls, and bull calves ..... forms	941	13	109	259	285	185	90
number	3 833	35	346	1 150	1 205	797	300
Cattle and calves sold ..... forms	1 091	21	138	299	300	211	122
number	15 142	154	1 383	4 582	3 978	3 269	1 776
$1,000	3 522	42	331	1 119	922	673	435
Calves ..... forms	644	8	93	171	183	124	65
number	8 130	52	748	2 713	2 254	1 733	630
$1,000	706	4	50	305	203	97	46
Cattle ..... forms	934	18	113	257	254	182	110
number	7 012	102	635	1 869	1 724	1 536	1 146
$1,000	2 817	38	281	813	719	576	389
Fattened on grain and concentrates ..... forms	206	4	29	58	56	39	20
number	844	6	59	246	208	231	94
$1,000	326	2	23	98	79	89	36
Hogs and pigs inventory ..... forms	484	7	103	163	129	60	22
number	4 249	26	653	1 927	987	550	106
Farms with—							
1 to 9	411	7	93	137	109	45	20
10 to 49	58	–	8	16	19	13	2
50 to 99	6	–	2	1	1	2	–
100 to 199	9	–	–	9	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Used or to be used for breeding ..... forms	226	3	57	84	49	27	6
number	1 194	5	225	576	105	246	37
Other ..... forms	426	7	74	148	119	59	19
number	3 055	21	428	1 351	882	304	69
Hogs and pigs sold ..... forms	276	5	68	93	62	39	9
number	5 052	67	1 280	1 329	1 101	1 003	272
$1,000	208	2	55	66	47	30	9
Feeder pigs sold ..... forms	91	1	15	33	21	20	1
number	2 944	(D)	(D)	786	603	508	(D)
$1,000	86	(D)	(D)	26	17	12	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... forms	245	3	58	87	61	29	7
number	835	10	197	279	161	145	43
Dec. 1 and May 31 ..... forms	164	3	55	46	41	13	6
number	422	6	147	83	98	61	27
June 1 and Nov. 30 ..... forms	134	2	11	62	31	24	4
number	413	(D)	(D)	196	63	84	16
Sheep and lambs of all ages inventory ..... forms	209	5	50	78	47	24	5
number	2 842	31	823	838	824	217	109
Ewes 1 year old or older ..... forms	178	4	44	65	42	19	4
number	1 941	17	563	600	506	178	77
Sheep and lambs sold ..... forms	130	3	30	47	32	14	4
number	1 892	14	387	887	410	155	39
Sheep and lambs shorn ..... forms	169	3	40	64	40	17	5
number	2 240	23	663	702	609	143	100
pounds of wool	17 359	197	5 280	5 344	4 533	1 282	723
Horses and ponies inventory ..... forms	840	7	120	249	272	135	57
number	3 246	22	426	825	1 304	489	180
Horses and ponies sold ..... forms	221	2	38	64	90	16	11
number	521	(D)	(D)	119	217	49	24
$1,000	414	(D)	(D)	119	178	39	2
Goats inventory ..... forms	222	–	30	155	30	6	1
number	795	–	209	397	159	(D)	(D)
Goats sold ..... forms	168	–	15	137	14	2	–
number	944	–	120	752	68	(D)	–
$1,000	23	–	6	14	(D)	(D)	–
POULTRY							
Chickens 3 months old or older inventory ..... forms	512	9	104	172	133	62	32
number	20 249	140	1 385	3 769	8 939	5 355	661
Farms with—							
1 to 399	509	9	104	171	132	61	32
400 to 3,199	2	–	–	1	–	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	–	–	–	–	–	–	–
Hens and pullets of laying age ..... forms	500	9	104	170	125	61	31
number	19 323	140	1 286	3 426	8 623	5 203	645
Pullets 3 months old or older not of laying age ..... forms	74	–	7	30	23	10	4
number	926	–	99	343	316	152	16

See footnote at end of table.

Table 31. **Summary by Age and Principal Occupation of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
POULTRY—Con.								
Chickens 3 months old or older sold ... farms	154	76	1	9	12	16	16	22
number	412 196	404 939	(D)	(D)	34 950	260 716	77 204	10 463
Broilers and other meat-type chickens sold ... farms	65	28	1	3	10	6	5	3
number	6 375	2 677	(D)	(D)	286	508	390	1 295
Forms with—								
1 to 1,999	65	28	1	3	10	6	5	3
2,000 to 59,999	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ... farms	27	11	–	3	2	1	4	1
number	81	36	–	5	(D)	(D)	20	(D)
Turkeys sold ... farms	30	16	–	4	3	4	5	–
number	11 121	7 429	–	2 549	56	779	4 045	–
CROPS HARVESTED								
Corn for all purposes ... farms	2 271	2 005	41	325	485	566	430	158
acres	101 982	94 924	1 669	16 064	25 265	26 604	18 733	6 589
Oats for grain ... farms	135	115	8	19	21	28	28	11
acres	3 366	3 189	21	975	885	458	685	165
bushels	147 097	139 390	824	34 871	39 158	23 317	33 125	8 095
Irrigated ... farms	–	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–	–
Irish potatoes ... farms	119	71	2	4	10	12	15	28
acres	700	623	(D)	(D)	204	24	235	123
hundredweight	126 834	120 470	(D)	(D)	30 436	3 142	55 946	27 056
Irrigated ... farms	11	2	–	–	–	2	–	–
acres	13	(D)	–	–	–	(D)	–	–
Forms by acres harvested:								
0.1 to 0.9 acres	82	46	1	3	8	7	9	18
1.0 to 4.9 acres	22	15	–	1	1	2	2	9
5.0 to 24.9 acres	9	5	–	–	–	3	2	–
25.0 to 99.9 acres	3	2	1	–	–	–	1	–
100.0 acres or more	3	3	–	–	1	–	1	1
Hay crops (see text) ... farms	5 953	3 987	92	685	764	1 005	845	596
acres	492 192	414 554	8 754	66 599	91 703	116 885	88 901	41 712
tons, dry	876 374	763 742	14 485	117 276	173 595	222 271	163 137	72 978
Irrigated ... farms	11	8	–	–	4	2	1	1
acres	264	234	–	–	122	(D)	(D)	(D)
Forms by acres harvested:								
1 to 24 acres	1 255	495	11	163	43	74	78	126
25 to 99 acres	2 884	1 818	41	246	306	445	425	355
100 to 499 acres	1 785	1 645	40	271	412	479	331	112
500 acres or more	29	29	–	5	3	7	11	3
Alfalfa hay ... farms	2 050	1 604	28	244	340	457	361	174
acres	98 979	84 530	1 075	11 708	18 090	25 833	19 363	8 461
tons, dry	219 212	190 585	2 646	23 502	43 820	58 307	43 153	19 157
Irrigated ... farms	1	1	–	–	1	–	–	–
acres	(D)	(D)	–	–	(D)	–	–	–
All vegetables harvested for sale (see text) ... farms	279	158	7	18	27	44	29	33
acres	1 593	1 288	94	180	184	156	462	213
Irrigated ... farms	31	15	–	1	2	5	5	2
acres	306	285	–	(D)	(D)	42	223	(D)
Forms by acres harvested:								
0.1 to 4.9 acres	211	105	3	9	18	38	17	20
5.0 to 24.9 acres	56	42	2	7	7	6	9	11
25.0 to 99.9 acres	10	9	2	2	2	–	1	2
100.0 acres or more	2	2	–	–	–	–	2	–
Land in orchards ... farms	392	114	4	28	21	18	21	22
acres	6 473	3 538	36	497	1 180	361	1 060	404
Irrigated ... farms	9	4	–	–	4	–	–	–
acres	212	177	–	–	177	–	–	–
Forms by acres in orchards:								
0.1 to 4.9 acres	137	47	3	11	10	10	2	11
5.0 to 24.9 acres	215	33	–	13	3	4	7	6
25.0 to 99.9 acres	29	25	1	3	4	4	9	4
100.0 acres or more	11	9	–	1	4	–	3	1
Apples ... farms	389	112	4	28	21	16	21	22
total acres	6 410	3 498	36	492	1 173	344	1 055	399
pounds	50 012 866	42 458 731	1 641 500	5 761 620	14 366 301	4 142 560	13 149 500	3 397 250

See footnote at end of table.

Table 31. **Summary by Age and Principal Occupation of Operator: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Other occupations						
		Age of operator					
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
POULTRY—Con.							
Chickens 3 months old or older sold ... farms	78	–	17	31	14	12	4
number	7 257	–	323	1 259	3 319	2 245	111
Broilers and other meat-type chickens sold ... farms	37	–	11	16	2	–	8
number	3 698	–	607	(D)	(D)	–	275
Farms with—							
1 to 1,999	37	–	11	16	2	–	8
2,000 to 59,999	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding ... farms	16	–	3	2	11	–	–
number	45	–	(D)	(D)	28	–	–
Turkeys sold ... farms	14	–	3	5	3	2	1
number	3 692	–	103	3 193	352	(D)	(D)
CROPS HARVESTED							
Corn for all purposes ... farms	266	1	26	100	68	53	18
acres	7 058	(D)	(D)	2 813	1 774	1 717	502
Oats for grain ... farms	20	–	3	5	5	6	1
acres	177	–	7	92	12	(D)	(D)
bushels	7 707	–	215	4 992	260	(D)	(D)
Irrigated ... farms	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–
Irish potatoes ... farms	48	–	3	6	20	12	7
acres	76	–	4	31	13	26	3
hundredweight	6 364	–	539	1 388	2 448	1 729	260
Irrigated ... farms	9	–	1	–	8	–	–
acres	2	–	(D)	–	(D)	–	–
Farms by acres harvested:							
0.1 to 0.9 acres	36	–	1	4	16	9	6
1.0 to 4.9 acres	7	–	2	–	3	1	1
5.0 to 24.9 acres	4	–	–	1	1	2	–
25.0 to 99.9 acres	1	–	–	1	–	–	–
100.0 acres or more	–	–	–	–	–	–	–
Hay crops (see text) ... farms	1 966	25	250	500	537	385	269
acres	77 638	1 192	7 319	20 905	20 908	16 940	10 374
tons, dry	112 632	1 449	9 793	31 726	28 196	26 977	14 491
Irrigated ... farms	3	–	1	–	2	–	–
acres	30	–	(D)	–	(D)	–	–
Farms by acres harvested:							
1 to 24 acres	760	11	145	196	219	110	79
25 to 99 acres	1 066	11	93	262	281	243	176
100 to 499 acres	140	3	12	42	37	32	14
500 acres or more	–	–	–	–	–	–	–
Alfalfa hay ... farms	446	7	50	129	126	95	39
acres	14 449	259	940	4 077	3 885	4 043	1 245
tons, dry	28 627	321	1 781	8 511	6 738	8 681	2 595
Irrigated ... farms	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–
All vegetables harvested for sale (see text) ... farms	121	–	33	27	25	29	7
acres	305	–	66	67	85	76	12
Irrigated ... farms	16	–	3	2	9	1	1
acres	21	–	1	(D)	17	(D)	(D)
Farms by acres harvested:							
0.1 to 4.9 acres	106	–	31	24	21	24	6
5.0 to 24.9 acres	14	–	2	3	3	5	1
25.0 to 99.9 acres	1	–	–	–	1	–	–
100.0 acres or more	–	–	–	–	–	–	–
Land in orchards ... farms	278	7	24	196	18	17	16
acres	2 936	35	269	2 240	112	126	155
Irrigated ... farms	5	–	1	1	2	1	–
acres	35	–	(D)	(D)	(D)	(D)	–
Farms by acres in orchards:							
0.1 to 4.9 acres	90	–	10	55	11	9	5
5.0 to 24.9 acres	182	7	12	139	6	7	11
25.0 to 99.9 acres	4	–	1	1	1	1	–
100.0 acres or more	2	–	1	1	–	–	–
Apples ... farms	277	7	23	196	18	17	16
total acres	2 911	35	260	2 229	109	123	155
pounds	7 554 135	1 260	367 850	5 568 735	297 160	1 263 550	55 580

[1]1978 data are based on a sample of forms; see text.

Table 32. **Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978**

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000		Total farming and other occupations	Farming						
				Age of operator					
			Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
FARMS AND LAND IN FARMS									
Farms	number	4 096	1 588	54	325	256	229	287	437
	percent	100.0	38.7	1.3	7.9	6.2	5.5	7.0	10.6
Land in farms	acres	566 214	262 474	5 041	39 616	41 250	41 272	65 362	69 933
Average size of farm	acres	138	165	93	122	161	180	228	160
Value of land and buildings[1]	farms	4 078	1 606	51	337	274	231	265	448
	$1,000	417 953	171 398	3 131	25 329	30 066	34 335	35 675	42 862
Average per farm	dollars	102 489	106 723	61 394	75 161	109 728	148 636	134 624	95 673
Average per acre	dollars	749	629	436	679	599	754	551	637
Forms by value of land and buildings:									
$1 to $19,999		168	68	15	–	10	8	8	27
$20,000 to $39,999		660	216	2	75	12	23	20	84
$40,000 to $69,999		948	390	12	173	10	23	54	118
$70,000 to $99,999		802	325	6	22	159	32	39	67
$100,000 to $149,999		639	274	10	28	33	97	49	57
$150,000 to $199,999		469	124	6	6	14	33	33	32
$200,000 to $499,999		334	186	–	32	32	8	51	63
$500,000 to $999,999		47	18	–	1	4	2	11	–
$1,000,000 or more		11	5	–	–	–	5	–	–
Owned and rented land by operator:									
Land owned	farms	3 856	1 471	22	272	241	223	284	429
	acres	511 506	219 944	1 756	22 305	33 172	36 691	59 829	66 191
Land rented or leased from others	farms	1 253	584	36	231	71	65	94	87
	acres	82 005	49 456	3 285	18 294	8 533	5 754	7 758	5 832
Land rented or leased to others	farms	372	109	–	4	8	20	31	46
	acres	27 297	6 926	–	983	455	1 173	2 225	2 090
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	3 963	1 534	50	311	250	222	280	421
	acres	217 571	105 452	2 524	13 508	23 167	16 021	24 071	26 161
Harvested cropland	farms	3 499	1 327	39	294	121	214	255	404
	acres	123 111	58 042	1 362	8 315	7 989	10 314	14 348	15 714
Farms by acres harvested:									
1 to 9 acres		534	167	9	46	11	28	16	57
10 to 29 acres		1 393	442	9	167	31	46	68	121
30 to 49 acres		766	299	7	25	14	61	59	133
50 to 99 acres		594	283	13	43	34	54	71	68
100 to 199 acres		177	112	1	12	27	20	32	20
200 to 499 acres		35	24	–	1	4	5	9	5
500 acres or more		–	–	–	–	–	–	–	–
Cropland:									
Pasture or grazing only	farms	2 540	1 000	30	229	194	119	185	243
	acres	80 055	43 553	1 143	4 572	14 393	5 213	8 703	9 529
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	167	56	1	7	9	7	15	17
	acres	2 485	823	(D)	20	(D)	58	160	355
On which all crops failed	farms	52	15	–	2	3	1	5	4
	acres	361	86	–	(D)	22	(D)	23	20
In cultivated summer fallow	farms	62	27	1	8	1	2	6	9
	acres	415	81	(D)	9	(D)	(D)	27	35
Idle	farms	413	158	2	47	12	17	35	45
	acres	11 144	2 867	(D)	(D)	528	423	810	508
Total woodland	farms	2 855	1 134	26	224	104	208	237	335
	acres	284 925	128 260	2 056	23 100	10 458	21 162	34 370	37 114
Woodland pastured	farms	866	405	12	32	39	97	106	119
	acres	50 296	27 641	619	2 147	2 829	6 593	8 696	6 757
Woodland not pastured	farms	2 456	954	23	208	86	143	201	293
	acres	234 629	100 619	1 437	20 953	7 629	14 569	25 674	30 357
Pastureland and rangeland other than cropland and woodland pastured	farms	711	256	8	40	30	31	63	84
	acres	31 393	14 022	192	2 279	1 916	1 523	4 372	3 740
Land in house lots, ponds, roads, wasteland, etc.	farms	2 358	853	23	82	198	155	151	244
	acres	32 325	14 740	269	729	5 709	2 566	2 549	2 918
Pastureland, all types	farms	3 218	1 282	37	260	229	186	243	327
	acres	161 744	85 216	1 954	8 998	19 138	13 329	21 771	20 026
Irrigated land	farms	49	15	–	–	3	2	4	6
	acres	177	67	–	–	(D)	(D)	46	11
Harvested cropland irrigated	farms	48	15	–	–	3	2	4	6
	acres	161	67	–	–	(D)	(D)	46	11
Pastureland irrigated	farms	2	–	–	–	–	–	–	–
	acres	(D)	–	–	–	–	–	–	–
Other land irrigated	farms	2	–	–	–	–	–	–	–
	acres	(D)	–	–	–	–	–	–	–
Land set aside in the federal farm programs in 1978	farms	18	9	–	1	5	1	–	2
	acres	484	321	–	(D)	36	(D)	–	(D)
RACE AND TENURE OF OPERATOR									
All operators	number	4 096	1 588	54	325	256	229	287	437
Full owners	number	2 848	1 005	18	94	185	164	194	350
Part owners	number	1 006	466	4	178	56	59	90	79
Tenants	number	242	117	32	53	15	6	3	8
White	number	4 082	1 587	54	325	255	229	287	437
Full owners	number	2 842	1 004	18	94	184	164	194	350
Part owners	number	998	466	4	178	56	59	90	79
Tenants	number	242	117	32	53	15	6	3	8
Black and other races	number	14	1	–	–	1	–	–	–
Full owners	number	6	1	–	–	1	–	–	–
Part owners	number	8	–	–	–	–	–	–	–
Tenants	number	–	–	–	–	–	–	–	–

See footnote at end of table.

Table 32. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978—Con.

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000		Other occupations						
			Age of operator					
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
FARMS AND LAND IN FARMS								
Farms	number	2 508	34	340	741	657	430	306
	percent	61.2	0.8	8.3	18.0	16.0	10.4	7.4
Land in farms	acres	303 740	3 355	25 750	71 740	76 021	76 163	50 711
Average size of farm	acres	121	99	76	97	116	177	166
Value of land and buildings[1]	farms	2 472	31	395	677	661	414	294
	$1,000	246 555	2 996	30 018	67 053	67 568	49 370	29 549
Average per farm	dollars	99 738	96 645	75 995	99 044	102 220	119 252	100 505
Average per acre	dollars	864	1 021	887	1 075	953	765	581
Farms by value of land and buildings:								
$1 to $19,999		100	1	20	32	24	22	1
$20,000 to $39,999		444	7	106	98	112	57	64
$40,000 to $69,999		558	8	94	157	140	117	42
$70,000 to $99,999		477	5	95	144	93	71	69
$100,000 to $149,999		365	–	33	54	156	63	59
$150,000 to $199,999		345	–	24	160	89	37	35
$200,000 to $499,999		148	10	23	22	37	35	21
$500,000 to $999,999		29	–	–	10	7	9	3
$1,000,000 or more		6	–	–	–	3	3	–
Owned and rented land by operator:								
Land owned	farms	2 385	27	310	705	619	421	303
	acres	291 562	1 835	21 617	67 748	71 288	77 034	52 040
Land rented or leased from others	farms	669	28	141	210	201	69	20
	acres	32 549	1 620	6 605	10 288	8 435	3 963	1 638
Land rented or leased to others	farms	263	3	34	63	56	61	46
	acres	20 371	100	2 472	6 296	3 702	4 834	2 967
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	2 429	34	329	721	624	424	297
	acres	112 119	1 744	12 696	27 152	29 454	23 371	17 702
Harvested cropland	farms	2 172	32	275	647	547	389	282
	acres	65 069	1 152	6 568	16 374	17 681	13 772	9 522
Farms by acres harvested:								
1 to 9 acres		367	9	64	124	101	42	27
10 to 29 acres		951	12	133	328	216	134	128
30 to 49 acres		467	2	52	119	115	119	60
50 to 99 acres		311	6	17	58	93	78	59
100 to 199 acres		65	3	8	16	18	12	8
200 to 499 acres		11	–	1	2	4	4	–
500 acres or more		–	–	–	–	–	–	–
Cropland:								
Pasture or grazing only	farms	1 540	20	217	501	412	245	145
	acres	36 502	330	4 713	8 795	9 047	7 768	5 849
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	111	1	15	50	15	16	14
	acres	1 662	(D)	169	574	255	307	(D)
On which all crops failed	farms	37	–	3	3	7	5	19
	acres	275	–	4	13	76	107	75
In cultivated summer fallow	farms	35	–	2	17	10	4	2
	acres	334	–	(D)	180	67	79	(D)
Idle	farms	255	16	38	71	54	37	39
	acres	8 277	(D)	(D)	1 216	2 328	1 338	1 902
Total woodland	farms	1 721	22	198	474	431	351	245
	acres	156 665	1 215	10 268	35 830	37 165	45 772	26 415
Woodland pastured	farms	461	4	38	106	136	106	71
	acres	22 655	105	1 146	3 569	6 418	7 313	4 104
Woodland not pastured	farms	1 502	19	176	417	374	292	224
	acres	134 010	1 110	9 122	32 261	30 747	38 459	22 311
Pastureland and rangeland other than cropland and woodland pastured	farms	455	19	60	117	107	81	71
	acres	17 371	323	1 281	3 741	4 942	3 261	3 823
Land in house lots, ponds, roads, wasteland, etc.	farms	1 505	16	192	485	398	240	174
	acres	17 585	73	1 505	5 017	4 460	3 759	2 771
Pastureland, all types	farms	1 936	31	248	615	506	326	210
	acres	76 528	758	7 140	16 105	20 407	18 342	13 776
Irrigated land	farms	34	–	5	6	17	2	4
	acres	110	–	7	(D)	87	(D)	5
Harvested cropland irrigated	farms	33	–	5	5	17	2	4
	acres	94	–	7	6	(D)	(D)	5
Pastureland irrigated	farms	2	–	–	1	1	–	–
	acres	(D)	–	–	(D)	(D)	–	–
Other land irrigated	farms	2	–	–	1	1	–	–
	acres	(D)	–	–	(D)	(D)	–	–
Land set aside in the federal farm programs in 1978	farms	9	–	1	1	3	2	2
	acres	163	–	(D)	(D)	46	(D)	(D)
RACE AND TENURE OF OPERATOR								
All operators	number	2 508	34	340	741	657	430	306
Full owners	number	1 843	6	199	535	456	361	286
Part owners	number	540	21	110	170	163	59	17
Tenants	number	125	7	31	36	38	10	3
White	number	2 495	27	339	740	656	427	306
Full owners	number	1 838	6	199	534	455	358	286
Part owners	number	532	14	109	170	163	59	17
Tenants	number	125	7	31	36	38	10	3
Black and other races	number	13	7	1	1	1	3	–
Full owners	number	5	–	–	1	1	3	–
Part owners	number	8	7	1	–	–	–	–
Tenants	number	–	–	–	–	–	–	–

See footnote at end of table.

Table 32. **Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978**—Con.

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000	Total farming and other occupations	Farming						
			Age of operator					
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
FARMS BY TYPE OF ORGANIZATION								
Individual or family ... farms	3 871	1 508	47	310	246	219	270	416
acres	519 294	241 873	4 498	36 151	38 692	37 541	61 212	63 779
Partnership ... farms	169	59	5	12	6	6	13	17
acres	31 051	14 157	(D)	(D)	(D)	1 201	3 569	5 292
Corporations:								
Family held ... farms	35	18	–	2	4	4	4	4
acres	10 457	6 210	–	(D)	(D)	2 530	581	862
More than 10 stockholders ... farms	1	–	–	–	–	–	–	–
10 or less stockholders ... farms	34	18	–	2	4	4	4	4
Other than family held ... farms	1	–	–	–	–	–	–	–
acres	(D)	–	–	–	–	–	–	–
More than 10 stockholders ... farms	–	–	–	–	–	–	–	–
10 or less stockholders ... farms	1	–	–	–	–	–	–	–
Other—cooperative, estate or trust, etc. ... farms	20	3	2	1	–	–	–	–
acres	4 987	234	(D)	(D)	–	–	–	–
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	3 520	1 407	37	297	230	207	248	388
Not on farm operated	339	89	15	19	11	11	20	13
Operators by age group:								
Under 25 years	88	54	54	–	–	–	–	–
25 to 34 years	665	325	–	325	–	–	–	–
35 to 44 years	997	256	–	–	256	–	–	–
45 to 54 years	886	229	–	–	–	229	–	–
55 to 64 years	717	287	–	–	–	–	287	–
65 years and over	743	437	–	–	–	–	–	437
Average age	49.1	51.3	23.1	30.5	40.5	50.4	59.7	71.6
Operators by sex:								
Male	3 614	1 331	53	306	112	204	255	401
Female	482	257	1	19	144	25	32	36
Operators of Spanish origin	26	2	–	–	1	1	–	–
Operators by principal occupation:								
Farming	1 588	1 588	54	325	256	229	287	437
Other	2 508	–	–	–	–	–	–	–
Operators reporting days of work off farm:								
None	1 131	843	16	59	178	111	170	309
1 to 99 days	385	255	7	59	27	38	61	63
100 to 199 days	580	279	12	174	20	20	28	25
200 days or more	1 882	93	18	28	24	8	10	5
FARMS BY SIZE								
1 to 9 acres	282	64	15	15	3	5	8	18
10 to 49 acres	802	201	11	67	20	31	18	54
50 to 69 acres	320	70	1	12	11	10	12	24
70 to 99 acres	525	126	–	31	5	20	18	52
100 to 139 acres	740	423	14	141	144	29	36	59
140 to 179 acres	468	218	4	10	12	60	44	88
180 to 219 acres	289	147	5	21	12	15	42	52
220 to 259 acres	180	89	2	5	10	17	30	25
260 to 499 acres	377	190	1	15	35	33	54	52
500 to 999 acres	88	53	1	6	4	7	23	12
1,000 to 1,999 acres	23	6	–	1	–	2	2	1
2,000 acres or more	2	1	–	1	–	–	–	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	13	7	–	2	3	–	1	1
Field crop, except cash grain farms (013)	990	323	6	26	31	32	71	157
Cotton farms (0131)	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	990	323	6	26	31	32	71	157
Vegetable and melon farms (016)	88	36	2	3	4	5	4	18
Fruit and tree nut farms (017)	121	30	–	12	3	1	3	11
Horticultural specialty farms (018)	134	61	1	37	4	4	2	13
General farms, primarily crop (019)	299	48	–	17	2	7	18	4
Livestock farms, except dairy, poultry, and animal specialty (021)	1 564	497	24	56	35	126	107	149
Beef cattle farms, except feedlots (0212)	1 005	373	21	34	19	90	90	119
Dairy farms (024)	312	259	18	40	41	40	64	56
Poultry and egg farms (025)	62	19	–	1	2	4	3	9
Animal specialty farms (027)	313	170	2	10	130	7	11	10
General farms, primarily livestock (029)	200	138	1	121	1	3	3	9
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold ... farms	4 096	1 588	54	325	256	229	287	437
$1,000	14 924	8 796	251	1 588	1 345	1 566	2 001	2 044
Farms by value of agricultural products sold:								
$15,000 or more	202	162	1	24	25	36	41	35
$10,000 to $14,999	274	190	8	24	28	41	56	33
$5,000 to $9,999	455	225	11	43	40	24	47	60
$2,500 to $4,999	742	350	12	143	19	57	39	80
Less than $2,500	2 423	661	22	91	144	71	104	229
$2,000 to $2,499	264	95	–	9	1	6	14	65
$1,500 to $1,999	330	110	3	41	6	15	14	31
$1,000 to $1,499	580	234	2	7	127	15	24	59
Less than $1,000	1 249	222	17	34	10	35	52	74

See footnote at end of table.

Table 32. **Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978**—Con.

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000		Other occupations						
			Age of operator					
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
FARMS BY TYPE OF ORGANIZATION								
Individual or family	farms	2 363	30	299	718	631	398	287
	acres	277 421	2 370	22 657	66 556	70 044	68 099	47 695
Partnership	farms	110	3	30	17	20	22	18
	acres	16 894	885	1 926	4 180	(D)	4 419	(D)
Corporations:								
Family held	farms	17	–	3	4	4	5	1
	acres	4 247	–	1 001	(D)	199	2 555	(D)
More than 10 stockholders	farms	1	–	–	1	–	–	–
10 or less stockholders	farms	16	–	3	3	4	5	1
Other than family held	farms	1	–	–	–	–	1	–
	acres	(D)	–	–	–	–	(D)	–
More than 10 stockholders	farms	–	–	–	–	–	–	–
10 or less stockholders	farms	1	–	–	–	–	1	–
Other—cooperative, estate or trust, etc.	farms	17	1	8	2	2	4	–
	acres	4 753	(D)	166	(D)	(D)	(D)	–
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated		2 113	28	291	658	559	342	235
Not on farm operated		250	4	21	50	66	59	50
Operators by age group:								
Under 25 years		34	34	–	–	–	–	–
25 to 34 years		340	–	340	–	–	–	–
35 to 44 years		741	–	–	741	–	–	–
45 to 54 years		657	–	–	–	657	–	–
55 to 64 years		430	–	–	–	–	430	–
65 years and over		306	–	–	–	–	–	306
Average age		47.7	21.9	31.0	39.1	49.4	58.9	70.7
Operators by sex:								
Male		2 283	33	302	704	615	381	248
Female		225	1	38	37	42	49	58
Operators of Spanish origin		24	–	–	2	8	5	9
Operators by principal occupation:								
Farming		–	–	–	–	–	–	–
Other		2 508	34	340	741	657	430	306
Operators reporting days of work off farm:								
None		288	1	7	49	27	64	140
1 to 99 days		130	1	7	24	15	28	55
100 to 199 days		301	9	59	81	82	48	22
200 days or more		1 789	23	267	587	533	290	89
FARMS BY SIZE								
1 to 9 acres		218	2	38	78	59	24	17
10 to 49 acres		601	8	136	179	206	33	39
50 to 69 acres		250	11	57	80	44	38	20
70 to 99 acres		399	–	24	195	64	74	42
100 to 139 acres		317	3	28	58	75	88	65
140 to 179 acres		250	4	22	58	84	39	43
180 to 219 acres		142	2	17	30	35	31	27
220 to 259 acres		91	2	8	22	26	17	16
260 to 499 acres		187	2	6	31	57	67	24
500 to 999 acres		35	–	3	10	6	12	4
1,000 to 1,999 acres		17	–	1	–	–	7	9
2,000 acres or more		1	–	–	–	1	–	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)		6	–	2	1	–	2	1
Field crop, except cash grain farms (013)		667	5	68	133	173	156	132
Cotton farms (0131)		–	–	–	–	–	–	–
Tobacco farms (0132)		–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		667	5	68	133	173	156	132
Vegetable and melon farms (016)		52	–	17	12	11	8	4
Fruit and tree nut farms (017)		91	7	16	29	17	6	16
Horticultural specialty farms (018)		73	1	6	20	28	11	7
General farms, primarily crop (019)		251	1	32	57	89	45	27
Livestock farms, except dairy, poultry, and animal specialty (021)		1 067	17	131	396	255	171	97
Beef cattle farms, except feedlots (0212)		632	15	79	164	166	129	79
Dairy farms (024)		53	2	14	15	10	6	6
Poultry and egg farms (025)		43	–	1	32	3	4	3
Animal specialty farms (027)		143	1	33	32	55	12	10
General farms, primarily livestock (029)		62	–	20	14	16	9	3
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold	farms	2 508	34	340	741	657	430	306
	$1,000	6 128	90	702	1 576	1 598	1 256	906
Farms by value of agricultural products sold:								
$15,000 or more		40	1	3	14	10	11	1
$10,000 to $14,999		84	1	6	28	13	13	23
$5,000 to $9,999		230	3	26	43	80	51	27
$2,500 to $4,999		392	4	55	85	104	81	63
Less than $2,500		1 762	25	250	571	450	274	192
$2,000 to $2,499		169	2	26	44	44	29	24
$1,500 to $1,999		220	4	34	61	57	36	28
$1,000 to $1,499		346	10	57	104	83	57	35
Less than $1,000		1 027	9	133	362	266	152	105

See footnote at end of table.

Table 32. **Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978**—Con.

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
VALUE OF PRODUCTS SOLD—Con.								
Market value of agricultural products sold—Con.								
Grain ... forms	27	17	3	3	5	2	3	1
$1,000	99	67	4	12	31	(D)	6	(D)
Sales of $5,000 or more ... forms	8	6	–	1	3	–	1	1
$1,000	78	56	–	(D)	29	–	(D)	(D)
Commodity Credit Corporation loans ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Cotton and cottonseed ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $5,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $5,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage ... forms	1 362	554	9	161	46	53	96	189
$1,000	3 982	1 854	21	355	288	279	411	500
Sales of $5,000 or more ... forms	234	112	1	15	24	21	31	20
$1,000	2 135	1 127	(D)	(D)	251	218	286	203
Vegetables, sweet corn, and melons ... forms	211	94	5	10	8	29	13	29
$1,000	350	202	17	20	20	27	21	97
Sales of $5,000 or more ... forms	18	13	2	2	2	1	1	5
$1,000	151	116	(D)	(D)	(D)	(D)	(D)	60
Fruits, nuts, and berries ... forms	149	56	2	16	4	5	5	24
$1,000	363	212	(D)	(D)	20	21	27	59
Sales of $5,000 or more ... forms	19	13	–	3	1	2	2	5
$1,000	200	145	–	55	(D)	(D)	(D)	36
Nursery and greenhouse products ... forms	166	84	2	40	7	6	5	24
$1,000	653	265	(D)	67	(D)	52	23	86
Sales of $5,000 or more ... forms	48	15	1	1	1	4	2	6
$1,000	451	171	(D)	(D)	(D)	52	(D)	63
Other crops ... forms	62	25	1	1	3	3	5	12
$1,000	39	14	(D)	(D)	(D)	(D)	3	(D)
Sales of $5,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Poultry and poultry products ... forms	348	117	3	14	17	21	18	44
$1,000	195	119	1	3	10	35	28	42
Sales of $5,000 or more ... forms	9	7	–	–	–	2	2	3
$1,000	87	(D)	–	–	–	(D)	(D)	22
Dairy products ... forms	410	320	20	45	48	57	76	74
$1,000	3 589	3 093	120	432	492	557	820	673
Sales of $5,000 or more ... forms	282	243	9	38	40	41	62	53
$1,000	3 419	2 972	84	422	480	540	791	655
Cattle and calves ... forms	1 831	897	28	199	87	169	184	230
$1,000	4 235	2 204	54	350	229	501	579	491
Sales of $5,000 or more ... forms	217	126	3	17	13	26	45	22
$1,000	1 891	1 102	25	142	108	248	384	196
Hogs and pigs ... forms	484	216	3	24	134	15	20	20
$1,000	322	141	2	37	45	29	14	15
Sales of $5,000 or more ... forms	6	3	–	–	1	2	–	–
$1,000	52	22	–	–	(D)	(D)	–	–
Sheep, lambs, and wool ... forms	408	235	1	31	135	18	26	24
$1,000	307	210	(D)	(D)	29	40	26	21
Sales of $5,000 or more ... forms	14	12	–	8	1	2	–	1
$1,000	137	(D)	–	77	(D)	(D)	–	(D)
Other livestock and livestock products (see text) ... forms	772	371	7	153	144	14	24	29
$1,000	791	414	8	145	158	22	42	38
Sales of $5,000 or more ... forms	23	10	–	3	3	–	2	2
$1,000	196	82	–	24	23	–	(D)	(D)
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased ... forms	1 937	783	48	228	70	149	115	173
$1,000	2 253	1 296	34	384	171	330	222	155
Farms with expenses of—								
$1 to $499	1 039	301	20	54	6	95	45	81
$500 to $2,499	648	343	23	147	36	21	40	76
$2,500 to $4,999	177	97	5	23	19	15	20	15
$5,000 or more	73	42	–	4	9	18	10	1
Feed for livestock and poultry ... forms	3 158	1 262	39	251	242	198	218	314
$1,000	3 918	2 448	43	350	592	433	542	488
Farms with expenses of—								
$1 to $499	1 249	273	13	32	23	52	32	121
$500 to $2,499	1 486	669	21	175	168	90	94	121
$2,500 to $4,999	242	164	5	23	20	21	47	48
$5,000 or more	181	156	–	21	31	35	45	24
Commercially mixed formula feeds ... forms	1 967	798	28	207	90	147	141	185
tons	14 365	9 879	148	1 239	1 792	1 783	2 658	2 259
$1,000	2 169	1 442	23	211	223	271	369	346
Farms by tons purchased:								
1 to 49 tons	1 555	487	20	169	37	95	62	104
50 to 99 tons	394	293	8	38	46	50	72	79
100 tons or more	18	18	–	–	7	2	7	2
Farms with expenses of—								
$1 to $499	871	161	13	23	16	33	28	48
$500 to $2,499	806	392	15	155	39	69	44	70
$2,500 to $4,999	208	164	–	25	19	26	45	49
$5,000 or more	82	81	–	4	16	19	24	18

See footnote at end of table.

Table 32. **Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978**—Con.

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000		Other occupations						
			Age of operator					
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
VALUE OF PRODUCTS SOLD—Con.								
Market value of agricultural products sold—Con.								
Grain	farms	10	–	2	2	2	2	2
	$1,000	31	–	(D)	(D)	(D)	(D)	(D)
Sales of $5,000 or more	farms	2	–	1	–	–	1	–
	$1,000	(D)	–	(D)	–	–	(D)	–
Commodity Credit Corporation loans	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Cotton and cottonseed	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Sales of $5,000 or more	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Commodity Credit Corporation loans	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Tobacco	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Sales of $5,000 or more	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage	farms	808	7	87	176	203	184	151
	$1,000	2 128	30	201	409	513	557	419
Sales of $5,000 or more	farms	122	2	9	23	28	39	21
	$1,000	1 008	(D)	(D)	195	214	315	199
Vegetables, sweet corn, and melons	farms	117	–	33	26	23	28	7
	$1,000	147	–	38	42	32	28	8
Sales of $5,000 or more	farms	5	–	1	1	2	1	–
	$1,000	35	–	(D)	(D)	(D)	(D)	–
Fruits, nuts, and berries	farms	93	–	11	43	23	5	11
	$1,000	151	–	22	54	45	9	21
Sales of $5,000 or more	farms	6	–	1	1	3	–	1
	$1,000	55	–	(D)	(D)	28	–	(D)
Nursery and greenhouse products	farms	82	1	6	20	31	13	11
	$1,000	388	(D)	(D)	(D)	(D)	(D)	(D)
Sales of $5,000 or more	farms	33	–	1	9	18	3	2
	$1,000	280	–	(D)	95	124	31	(D)
Other crops	farms	37	–	3	4	19	6	5
	$1,000	26	–	3	3	14	6	(Z)
Sales of $5,000 or more	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Poultry and poultry products	farms	231	4	34	94	52	30	17
	$1,000	76	(Z)	6	46	12	7	5
Sales of $5,000 or more	farms	2	–	–	2	–	–	–
	$1,000	(D)	–	–	(D)	–	–	–
Dairy products	farms	90	3	26	28	15	10	8
	$1,000	495	13	83	166	116	64	53
Sales of $5,000 or more	farms	39	1	6	14	8	5	5
	$1,000	447	(D)	(D)	146	109	59	51
Cattle and calves	farms	934	20	120	244	260	182	108
	$1,000	2 030	39	178	500	527	442	345
Sales of $5,000 or more	farms	91	2	6	23	26	16	18
	$1,000	788	(D)	(D)	196	213	164	153
Hogs and pigs	farms	268	5	63	90	62	39	9
	$1,000	181	2	33	62	47	30	9
Sales of $5,000 or more	farms	3	–	–	1	1	–	1
	$1,000	30	–	–	(D)	(D)	–	(D)
Sheep, lambs, and wool	farms	173	4	41	63	42	18	5
	$1,000	97	1	21	40	22	11	2
Sales of $5,000 or more	farms	2	–	–	1	–	1	–
	$1,000	(D)	–	–	(D)	–	(D)	–
Other livestock and livestock products (see text)	farms	401	2	60	202	100	22	15
	$1,000	377	(D)	(D)	131	112	40	4
Sales of $5,000 or more	farms	13	–	2	6	3	2	–
	$1,000	114	–	(D)	61	23	(D)	–
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased	farms	1 154	18	227	348	348	131	82
	$1,000	958	28	122	380	246	139	43
Farms with expenses of—								
$1 to $499		738	8	171	205	238	67	49
$500 to $2,499		305	5	45	95	85	42	33
$2,500 to $4,999		80	5	7	29	18	21	–
$5,000 or more		31	–	4	19	7	1	–
Feed for livestock and poultry	farms	1 896	21	320	593	546	250	166
	$1,000	1 470	8	222	476	440	198	126
Farms with expenses of—								
$1 to $499		976	16	138	334	268	133	87
$500 to $2,499		817	5	172	214	253	104	69
$2,500 to $4,999		78	–	10	34	21	10	3
$5,000 or more		25	–	–	11	4	3	7
Commercially mixed formula feeds	farms	1 169	16	200	415	329	116	93
	tons	4 486	7	669	1 351	1 474	555	431
	$1,000	728	1	114	231	230	83	68
Farms by tons purchased:								
1 to 49 tons		1 068	16	183	391	290	102	86
50 to 99 tons		101	–	17	24	39	14	7
100 tons or more		–	–	–	–	–	–	–
Farms with expenses of—								
$1 to $499		710	16	112	274	194	57	57
$500 to $2,499		414	–	88	123	122	52	29
$2,500 to $4,999		44	–	–	18	12	7	7
$5,000 or more		1	–	–	–	1	–	–

See footnote at end of table.

Table 32. **Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978**—Con.

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000	Total farming and other occupations	Forming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Animal health costs ... forms	2 297	1 053	33	234	240	168	156	222
$1,000	372	195	3	32	56	37	29	37
Forms with expenses of—								
$1 to $99	1 026	335	23	38	36	61	38	139
$100 to $999	1 150	644	10	188	189	88	112	57
$1,000 to $4,999	86	66	–	7	15	12	6	26
$5,000 or more	35	8	–	1	–	7	–	–
Seeds, bulbs, plants, and trees ... forms	1 241	534	5	209	85	61	52	122
$1,000	511	313	3	150	60	15	48	39
Forms with expenses of—								
$1 to $99	591	249	–	136	21	26	18	48
$100 to $999	447	178	–	36	37	30	15	60
$1,000 to $4,999	79	41	5	2	21	2	7	4
$5,000 or more	124	66	–	35	6	3	12	10
Commercial fertilizer ... forms	1 908	680	20	103	119	83	110	245
$1,000	1 041	433	20	75	86	62	65	126
Forms with expenses of—								
$1 to $499	1 162	400	11	62	68	42	64	153
$500 to $999	460	150	4	24	17	20	28	57
$1,000 to $2,499	241	101	–	7	31	17	18	28
$2,500 or more	45	29	5	10	3	4	–	7
Other agricultural chemicals including lime ... forms	1 556	611	9	179	92	67	61	203
$1,000	426	203	5	19	66	46	16	51
Forms with expenses of—								
$1 to $499	1 329	497	4	168	57	40	50	178
$500 to $999	165	65	–	10	30	14	3	8
$1,000 to $2,499	52	44	5	1	2	11	8	17
$2,500 or more	10	5	–	–	3	2	–	–
Energy and petroleum products ... forms	4 056	1 606	51	337	274	231	265	448
$1,000	2 216	1 242	21	180	252	204	254	331
Forms with expenses of—								
$1 to $499	2 711	883	40	250	164	77	102	250
$500 to $999	645	277	–	30	37	70	61	79
$1,000 to $2,499	610	377	11	47	48	75	87	109
$2,500 or more	90	69	–	10	25	9	15	10
Petroleum products ... forms	4 044	1 606	51	337	274	231	265	448
$1,000	1 601	887	17	132	188	142	179	229
Gasoline ... forms	3 949	1 592	51	335	274	224	265	443
$1,000	1 098	595	13	101	112	104	125	139
Diesel fuel ... forms	886	406	10	44	77	74	101	100
$1,000	215	130	1	6	31	19	29	46
LP gas, butane, and propane ... forms	270	209	–	140	16	19	15	19
$1,000	40	(D)	–	10	8	5	3	(D)
Fuel oil ... forms	208	96	5	8	15	4	24	40
$1,000	66	40	1	6	8	2	6	18
Natural gas ... forms	5	1	–	–	–	–	–	1
$1,000	1	(D)	–	–	–	–	–	(D)
Kerosene, motor oil, and grease ... forms	4 044	1 606	51	337	274	231	265	448
$1,000	181	93	2	10	29	13	17	22
Electricity ... forms	2 195	941	11	228	126	119	170	287
$1,000	528	321	4	44	58	52	72	91
Other—coal, wood, coke, etc. ... forms	221	106	–	13	19	26	15	33
$1,000	87	33	–	4	5	10	3	11
Hired farm labor ... forms	1 308	600	5	114	87	89	126	179
$1,000	1 477	677	5	72	134	79	164	223
Forms with expenses of—								
$1 to $499	586	258	–	71	15	52	48	72
$500 to $2,499	534	256	5	40	53	26	58	74
$2,500 to $4,999	158	68	–	2	19	5	14	28
$5,000 or more	30	18	–	1	–	6	6	5
Workers by number of days worked:								
150 days or more ... forms	272	138	5	5	38	3	32	55
workers	360	159	5	7	51	5	33	58
Less than 150 days ... forms	1 132	527	–	113	64	88	110	152
workers	3 348	1 556	–	214	177	265	334	566
Contract labor ... forms	278	189	1	155	–	10	6	17
$1,000	158	95	(D)	(D)	–	42	2	9
Forms with expenses of—								
$1 to $499	206	160	1	143	–	1	6	9
$500 to $999	30	12	–	4	–	–	–	8
$1,000 to $2,499	31	6	–	6	–	–	–	–
$2,500 or more	11	11	–	2	–	9	–	–
Customwork, machine hire, and rental of machinery and equipment ... forms	556	210	1	29	23	32	54	71
$1,000	244	117	(D)	(D)	11	11	58	27
Forms with expenses of—								
$1 to $499	409	136	1	27	7	24	34	43
$500 to $999	82	47	–	–	15	6	5	21
$1,000 to $2,499	52	22	–	2	1	2	10	7
$2,500 or more	13	5	–	–	–	–	5	–
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services ... forms	235	110	8	19	16	18	16	33
$1,000	214	140	16	22	22	22	16	41
Value of agricultural products sold directly to individuals for human consumption ... forms	518	200	8	43	32	32	32	53
$1,000	662	348	10	70	33	68	59	109

See footnote at end of table.

Table 32. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978—Con.

[Excludes abnormal forms; see text]

Farms With Sales of Less Than $20,000		Other occupations						
			Age of operator					
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
SELECTED FARM PRODUCTION EXPENSES[1] — Con.								
Animal health costs	forms	1 244	24	236	321	398	168	97
	$1,000	177	1	27	43	70	30	7
Forms with expenses of—								
$1 to $99		691	24	118	164	225	98	62
$100 to $999		506	–	117	141	156	57	35
$1,000 to $4,999		20	–	1	11	7	1	–
$5,000 or more		27	–	–	5	10	12	–
Seeds, bulbs, plants, and trees	forms	707	12	128	174	220	111	62
	$1,000	198	1	26	43	71	47	10
Forms with expenses of—								
$1 to $99		342	7	67	89	90	63	26
$100 to $999		269	5	42	64	94	30	34
$1,000 to $4,999		38	–	14	11	5	6	2
$5,000 or more		58	–	5	10	31	12	–
Commercial fertilizer	forms	1 228	12	181	404	309	162	160
	$1,000	608	3	67	203	150	97	88
Forms with expenses of—								
$1 to $499		762	7	122	217	231	86	99
$500 to $999		310	5	41	154	43	39	28
$1,000 to $2,499		140	–	18	27	25	37	33
$2,500 or more		16	–	–	6	10	–	–
Other agricultural chemicals including lime	forms	945	10	152	315	243	121	104
	$1,000	223	1	44	71	52	29	26
Forms with expenses of—								
$1 to $499		832	10	126	290	223	105	78
$500 to $999		100	–	24	20	15	15	26
$1,000 to $2,499		8	–	2	5	–	1	–
$2,500 or more		5	–	–	–	5	–	–
Energy and petroleum products	forms	2 450	31	390	676	651	408	294
	$1,000	975	8	119	214	293	192	149
Forms with expenses of—								
$1 to $499		1 828	26	318	533	472	282	197
$500 to $999		368	5	50	94	109	76	34
$1,000 to $2,499		233	–	20	49	58	43	63
$2,500 or more		21	–	2	–	12	7	–
Petroleum products	forms	2 438	31	390	676	639	408	294
	$1,000	714	7	83	167	206	134	117
Gasoline	forms	2 357	31	378	643	619	393	293
	$1,000	504	6	61	116	138	94	89
Diesel fuel	forms	480	5	61	143	134	77	60
	$1,000	85	1	9	21	25	16	12
LP gas, butane, and propane	forms	61	–	7	24	14	14	2
	$1,000	(D)	–	(D)	3	(D)	(D)	(D)
Fuel oil	forms	112	–	11	29	43	18	11
	$1,000	26	–	1	5	15	2	4
Natural gas	forms	4	–	1	–	1	2	–
	$1,000	(D)	–	(D)	–	(D)	(D)	–
Kerosene, motor oil, and grease	forms	2 438	31	390	676	639	408	294
	$1,000	88	1	11	22	24	18	12
Electricity	forms	1 254	6	219	302	371	187	169
	$1,000	207	1	30	46	72	32	26
Other—coal, wood, coke, etc.	forms	115	–	13	10	59	23	10
	$1,000	53	–	6	1	15	26	6
Hired farm labor	forms	708	5	104	154	210	145	90
	$1,000	800	(Z)	84	158	214	262	83
Forms with expenses of—								
$1 to $499		328	5	47	76	89	74	37
$500 to $2,499		278	–	47	53	80	55	43
$2,500 to $4,999		90	–	10	19	41	10	10
$5,000 or more		12	–	–	6	–	6	–
Workers by number of days worked:								
150 days or more	forms	134	–	10	34	47	12	31
	workers	201	–	20	62	60	28	31
Less than 150 days	forms	605	5	99	120	171	143	67
	workers	1 792	5	432	263	520	397	175
Contract labor	forms	89	–	19	31	21	15	3
	$1,000	62	–	7	35	5	12	2
Forms with expenses of—								
$1 to $499		46	–	14	1	20	10	1
$500 to $999		18	–	5	11	1	–	1
$1,000 to $2,499		25	–	–	19	–	5	1
$2,500 or more		–	–	–	–	–	–	–
Customwork, machine hire, and rental of machinery and equipment	forms	346	5	64	76	114	49	38
	$1,000	127	1	31	31	32	20	11
Forms with expenses of—								
$1 to $499		273	5	47	58	92	39	32
$500 to $999		35	–	7	12	14	2	–
$1,000 to $2,499		30	–	9	1	6	8	6
$2,500 or more		8	–	1	5	2	–	–
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services	forms	125	6	14	32	34	28	11
	$1,000	74	6	16	15	22	9	5
Value of agricultural products sold directly to individuals for human consumption	forms	318	1	63	108	78	41	27
	$1,000	314	(D)	(D)	118	61	43	31

See footnote at end of table.

Table 32. **Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978**—Con.

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ... farms	4 073	1 606	51	337	274	231	265	448
$1,000	44 859	20 361	570	2 282	4 582	3 624	4 048	5 255
Farms by value group:								
$1 to $4,999	1 031	458	15	156	132	15	25	115
$5,000 to $9,999	1 676	515	18	96	40	126	79	156
$10,000 to $19,999	733	310	13	64	35	15	89	94
$20,000 to $49,999	508	247	–	19	38	60	61	69
$50,000 to $99,999	105	61	5	1	16	14	11	14
$100,000 to $199,999	20	15	–	1	13	1	–	–
$200,000 to $499,999	–	–	–	–	–	–	–	–
$500,000 or more	–	–	–	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ... farms	2 329	969	10	139	221	155	173	271
number	2 867	1 121	10	141	237	183	235	315
Motortrucks, including pickups ... farms	2 867	1 223	43	239	260	191	203	287
number	3 551	1 432	53	262	311	218	239	349
Wheel tractors ... farms	3 419	1 429	40	270	263	204	251	401
number	5 702	2 533	60	383	462	360	511	757
2 or 3 ... farms	1 338	549	5	30	110	60	129	215
number	3 026	1 255	10	69	265	147	288	476
4 or more ... farms	177	112	5	20	11	18	28	30
number	772	510	20	94	55	87	129	125
Grain and bean combines, self-propelled only ... farms	40	23	–	6	3	1	13	–
number	44	26	–	6	6	(D)	(D)	–
Cornpickers, corn heads, and picker-shellers ... farms	88	50	–	14	15	5	11	5
number	100	62	–	14	23	5	11	9
Corn heads for combines ... farms	65	42	–	13	12	4	8	5
number	70	47	–	13	17	4	8	5
Other cornpickers and picker-shellers ... farms	27	12	–	1	3	1	3	4
number	30	15	–	(D)	6	(D)	(D)	4
Cottonpickers ... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ... farms	1 161	565	11	153	71	72	91	167
number	1 260	623	11	163	71	73	114	191
Pickup balers ... farms	1 611	761	10	59	223	113	125	231
number	1 658	779	10	59	228	113	136	233
Field forage harvesters, shear bar or flywheel type ... farms	402	190	5	12	31	37	49	56
number	474	245	5	14	43	38	71	74
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ... farms	2 229	867	20	225	133	91	123	275
$1,000	1 467	636	26	93	152	108	81	176
Commercial fertilizer ... farms	1 825	658	20	95	119	78	108	238
acres on which used	43 061	19 057	862	2 698	4 541	2 642	3 164	5 150
Lime ... farms	792	326	9	34	97	51	45	90
acres on which used	12 639	5 031	254	413	1 752	1 083	413	1 116
tons	18 525	8 380	508	623	2 943	1 617	687	2 002
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ... farms	594	245	–	133	12	34	27	39
acres on which used	6 869	3 203	–	476	753	1 194	354	426
Nematodes in crops ... farms	34	14	–	–	6	7	–	1
acres on which used	309	123	–	–	17	(D)	–	(D)
Diseases in crops and orchards ... farms	236	79	–	28	3	8	11	29
acres on which used	2 163	1 130	–	585	24	171	225	125
Weeds, grass, or brush in crops and pasture ... farms	649	279	9	31	40	23	24	152
acres on which used	7 549	3 925	149	295	1 181	306	362	1 632
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ... farms	88	29	–	–	5	6	6	12
acres on which used	1 573	741	–	–	150	342	132	117
Insect control on livestock and poultry ... farms	865	393	4	155	47	46	21	120
Sanitation and rodent and bird control ... farms	279	120	–	16	20	16	19	49
LIVESTOCK								
Cattle and calves inventory ... farms	2 386	1 017	44	226	86	180	203	278
number	37 437	21 029	815	3 012	2 747	4 894	5 018	4 543
Farms with—								
1 to 9	1 117	384	11	150	15	56	44	108
10 to 49	1 161	554	30	69	52	106	139	158
50 to 99	99	72	3	7	17	16	17	12
100 to 199	7	6	–	–	2	1	3	–
200 to 499	2	1	–	–	–	1	–	–
500 or more	–	–	–	–	–	–	–	–
Cows and heifers that had calved ... farms	1 868	780	33	82	81	165	179	240
number	16 472	9 963	333	890	1 374	2 815	2 481	2 070
Beef cows ... farms	1 216	366	6	26	38	97	91	108
number	8 476	3 562	75	101	395	1 488	795	708
Forms with—								
1 to 9	920	226	2	24	23	38	54	85
10 to 49	288	137	4	2	15	58	37	21
50 to 99	6	2	–	–	–	–	–	2
100 to 199	2	1	–	–	–	1	–	–
200 to 499	–	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–

See footnote at end of table.

Table 32. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978—Con.

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000	Other occupations						
		Age of operator					
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ... forms	2 467	31	390	677	661	414	294
$1,000	24 497	294	3 276	6 431	6 253	4 692	3 553
Farms by value group:							
$1 to $4,999	573	15	125	152	136	97	48
$5,000 to $9,999	1 161	6	169	356	329	200	101
$10,000 to $19,999	423	–	64	85	128	79	67
$20,000 to $49,999	261	10	27	63	64	19	78
$50,000 to $99,999	44	–	5	21	2	16	–
$100,000 to $199,999	5	–	–	–	2	3	–
$200,000 to $499,999	–	–	–	–	–	–	–
$500,000 or more	–	–	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ... forms	1 360	12	183	396	371	227	171
number	1 746	19	221	466	469	337	234
Motortrucks, including pickups ... forms	1 644	26	270	495	444	243	166
number	2 119	26	340	626	571	344	212
Wheel tractors ... forms	1 990	15	272	544	559	334	266
number	3 169	25	441	781	935	568	419
2 or 3 ... forms	789	10	134	162	208	148	127
number	1 771	20	303	357	495	319	277
4 or more ... forms	65	–	–	14	29	21	1
number	262	–	–	56	118	84	(D)
Grain and bean combines, self-propelled only ... forms	17	–	1	–	2	8	6
number	18	–	(D)	–	(D)	9	6
Cornpickers, corn heads, and picker-shellers ... forms	38	–	4	5	7	15	7
number	38	–	4	5	7	15	7
Corn heads for combines ... forms	23	–	–	–	7	15	1
number	23	–	–	–	7	(D)	(D)
Other cornpickers and picker-shellers ... forms	15	–	4	5	–	–	6
number	15	–	4	5	–	–	6
Cottonpickers ... forms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ... forms	596	5	82	141	184	91	93
number	637	5	83	144	194	97	114
Pickup balers ... forms	850	15	117	176	268	160	114
number	879	15	117	187	282	163	115
Field forage harvesters, shear bar or flywheel type ... forms	212	–	34	88	34	37	19
number	229	–	34	94	40	42	19
AGRICULTURAL CHEMICALS[1]							
Agricultural chemicals, including commercial fertilizer and lime ... forms	1 362	17	206	431	337	198	173
$1,000	831	4	111	273	202	126	114
Commercial fertilizer ... forms	1 167	12	181	373	285	162	154
acres on which used	24 004	185	3 476	6 642	6 102	3 734	3 865
Lime ... forms	466	10	122	118	119	59	38
acres on which used	7 608	200	2 070	1 857	1 718	1 027	736
tons	10 145	250	2 472	2 772	2 395	1 601	655
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops ... forms	349	5	61	155	66	29	33
acres on which used	3 666	50	769	1 712	704	87	344
Nematodes in crops ... forms	20	5	4	–	6	5	–
acres on which used	186	50	12	–	34	90	–
Diseases in crops and orchards ... forms	157	5	26	44	30	29	23
acres on which used	1 033	50	311	272	155	127	118
Weeds, grass, or brush in crops and pasture ... forms	370	–	68	76	96	62	68
acres on which used	3 624	–	494	735	981	696	718
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit ... forms	59	5	15	18	20	1	–
acres on which used	832	55	15	242	(D)	(D)	–
Insect control on livestock and poultry ... forms	472	10	42	212	107	38	63
Sanitation and rodent and bird control ... forms	159	–	23	36	57	27	16
LIVESTOCK							
Cattle and calves inventory ... forms	1 369	22	195	372	394	242	144
number	16 408	261	1 834	4 336	4 774	3 628	1 575
Farms with—							
1 to 9	733	13	138	219	200	92	71
10 to 49	607	9	53	143	190	139	73
50 to 99	27	–	4	10	3	10	–
100 to 199	1	–	–	–	1	–	–
200 to 499	1	–	–	–	–	1	–
500 or more	–	–	–	–	–	–	–
Cows and heifers that had calved ... forms	1 088	10	174	296	299	193	116
number	6 509	80	785	1 530	1 893	1 544	677
Beef cows ... forms	850	6	121	228	251	164	80
number	4 914	27	509	1 176	1 411	1 321	470
Farms with—							
1 to 9	694	6	108	197	195	125	63
10 to 49	151	–	13	29	55	37	17
50 to 99	4	–	–	2	1	1	–
100 to 199	1	–	–	–	–	1	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–

See footnote at end of table.

Table 32. **Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978**—Con.

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000	Total farming and other occupations	Forming						
			Age of operator					
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows ... forms	1 001	571	31	62	59	133	122	164
number	7 996	6 401	258	789	979	1 327	1 686	1 362
Forms with—								
1 to 4	628	260	11	19	13	78	48	91
5 to 9	81	60	12	12	3	8	10	15
10 to 49	281	242	8	30	41	45	62	56
50 to 99	11	9	–	1	2	2	2	2
100 to 199	–	–	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–
Heifers and heifer calves ... forms	1 711	768	44	82	76	159	164	243
number	14 611	7 786	416	892	1 065	1 645	1 930	1 838
Steers, steer calves, bulls, and bull calves ... forms	1 479	611	18	167	60	89	119	158
number	6 354	3 280	66	1 230	308	434	607	635
Cattle and calves sold ... forms	1 831	897	28	199	87	169	184	230
number	17 984	9 897	298	1 813	1 051	1 996	2 385	2 354
$1,000	4 235	2 204	54	350	229	501	579	491
Calves ... forms	1 165	663	25	162	64	130	114	168
number	9 176	5 715	202	1 349	611	1 165	1 061	1 327
$1,000	885	596	17	173	56	182	60	108
Cattle ... forms	1 409	617	16	72	74	121	153	181
number	8 808	4 182	96	464	440	831	1 324	1 027
$1,000	3 350	1 608	37	177	173	319	519	383
Fattened on grain and concentrates ... forms	311	111	2	4	14	32	20	39
number	1 252	453	(D)	(D)	54	138	113	131
$1,000	459	155	(D)	(D)	22	45	38	43
Hogs and pigs inventory ... forms	793	326	14	29	148	39	45	51
number	5 648	1 550	38	202	260	399	267	384
Forms with—								
1 to 9	695	299	14	22	144	36	38	45
10 to 49	80	23	–	7	4	1	6	5
50 to 99	8	3	–	–	–	1	1	1
100 to 199	10	1	–	–	–	1	–	–
200 to 499	–	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–
Used or to be used for breeding ... forms	418	197	10	11	133	10	7	26
number	1 634	509	18	82	156	67	39	147
Other ... forms	592	183	7	25	24	34	44	49
number	4 014	1 041	20	120	104	332	228	237
Hogs and pigs sold ... forms	484	216	3	24	134	15	20	20
number	7 320	2 906	23	368	1 317	529	271	398
$1,000	322	141	2	37	45	29	14	15
Feeder pigs sold ... forms	242	155	1	7	130	7	4	6
number	4 296	1 928	(D)	(D)	1 253	243	91	196
$1,000	119	55	(D)	(D)	37	7	3	5
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ... forms	439	199	10	11	133	10	8	27
number	1 291	526	17	39	275	73	48	74
Dec. 1 and May 31 ... forms	348	188	9	9	130	8	5	27
number	786	398	9	19	257	39	21	53
June 1 and Nov. 30 ... forms	179	50	8	8	8	10	7	9
number	505	128	8	20	18	34	27	21
Sheep and lambs of all ages inventory ... forms	460	256	2	42	136	18	30	28
number	8 030	5 246	(D)	(D)	1 416	822	812	603
Ewes 1 year old or older ... forms	415	241	1	39	135	17	25	24
number	5 555	3 657	(D)	(D)	1 069	585	545	400
Sheep and lambs sold ... forms	231	105	1	30	15	15	24	20
number	5 124	3 275	(D)	(D)	517	630	517	380
Sheep and lambs shorn ... forms	393	228	1	30	132	17	25	23
number	6 727	4 553	(D)	(D)	1 361	827	544	389
pounds of wool	48 840	32 036	(D)	(D)	9 269	6 080	3 430	3 194
Horses and ponies inventory ... forms	1 408	601	14	176	160	51	71	129
number	5 940	2 884	25	624	925	390	510	410
Horses and ponies sold ... forms	532	323	2	138	135	10	18	20
number	1 371	893	(D)	(D)	401	39	64	49
$1,000	660	335	(D)	(D)	138	22	29	24
Goats inventory ... forms	407	186	8	9	127	2	5	35
number	2 130	1 336	83	20	(D)	(D)	22	84
Goats sold ... forms	179	11	1	2	1	1	3	3
number	1 031	87	(D)	(D)	(D)	(D)	6	34
$1,000	29	6	(D)	(D)	(D)	(D)	(Z)	3
POULTRY								
Chickens 3 months old or older inventory ... forms	924	429	13	32	149	70	54	111
number	26 670	14 712	248	1 111	1 222	2 909	3 988	5 234
Forms with—								
1 to 399	915	421	13	32	149	67	52	108
400 to 3,199	9	8	–	–	–	3	2	3
3,200 to 9,999	–	–	–	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Hens and pullets of laying age ... forms	910	427	13	32	149	70	53	110
number	23 285	12 248	216	1 010	1 136	2 821	2 003	5 062
Pullets 3 months old or older not of laying age ... forms	119	46	9	11	5	4	7	10
number	3 385	2 464	32	101	86	88	1 985	172

See footnote at end of table.

Table 32. **Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978**—Con.

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000	Other occupations						
		Age of operator					
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
LIVESTOCK—Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows ..... farms	430	6	85	115	102	65	57
..... number	1 595	53	276	354	482	223	207
Farms with—							
1 to 4	368	2	78	92	89	57	50
5 to 9	21	2	1	9	4	3	2
10 to 49	39	2	6	14	7	5	5
50 to 99	2	–	–	–	2	–	–
100 to 199	–	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms	943	19	98	263	284	171	108
..... number	6 825	148	711	2 059	1 950	1 356	601
Steers, steer calves, bulls, and bull calves ..... farms	868	12	101	230	267	170	88
..... number	3 074	33	338	747	931	728	297
Cattle and calves sold ..... farms	934	20	120	244	260	182	108
..... number	8 087	128	787	1 795	2 141	1 996	1 240
..... $1,000	2 030	39	178	500	527	442	345
Calves ..... farms	502	7	77	121	147	99	51
..... number	3 461	34	404	706	1 081	956	280
..... $1,000	288	3	33	60	99	63	30
Cattle ..... farms	792	17	97	209	218	155	96
..... number	4 626	94	383	1 089	1 060	1 040	960
..... $1,000	1 742	35	145	440	428	379	315
Fattened on grain and concentrates ..... farms	200	4	28	56	54	38	20
..... number	799	6	58	234	191	216	94
..... $1,000	304	2	22	93	75	76	36
Hogs and pigs inventory ..... farms	467	7	98	158	127	57	20
..... number	4 098	26	552	1 895	981	542	102
Farms with—							
1 to 9	396	7	89	133	107	42	18
10 to 49	57	–	8	15	19	13	2
50 to 99	5	–	1	1	1	2	–
100 to 199	9	–	–	9	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Used or to be used for breeding ..... farms	221	3	55	81	49	27	6
..... number	1 125	5	164	568	105	246	37
Other ..... farms	409	7	69	143	117	56	17
..... number	2 973	21	388	1 327	876	296	65
Hogs and pigs sold ..... farms	268	5	63	90	62	39	9
..... number	4 414	67	726	1 245	1 101	1 003	272
..... $1,000	181	2	33	62	47	30	9
Feeder pigs sold ..... farms	87	1	13	31	21	20	1
..... number	2 368	(D)	(D)	755	603	508	(D)
..... $1,000	64	(D)	(D)	25	17	12	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms	240	3	56	84	61	29	7
..... number	765	10	135	271	161	145	43
Dec. 1 and May 31 ..... farms	160	3	53	44	41	13	6
..... number	388	(D)	(D)	80	98	61	27
June 1 and Nov. 30 ..... farms	129	2	9	59	31	24	4
..... number	377	(D)	(D)	191	63	84	16
Sheep and lambs of all ages inventory ..... farms	204	5	49	75	47	23	5
..... number	2 784	31	811	802	824	207	109
Ewes 1 year old or older ..... farms	174	4	43	63	42	18	4
..... number	1 898	17	553	573	506	172	77
Sheep and lambs sold ..... farms	126	3	29	45	32	13	4
..... number	1 849	14	382	855	410	149	39
Sheep and lambs shorn ..... farms	165	3	39	62	40	16	5
..... number	2 174	23	648	657	609	137	100
..... pounds of wool	16 804	197	5 175	4 919	4 533	1 257	723
Horses and ponies inventory ..... farms	807	7	117	237	262	128	56
..... number	3 056	22	421	781	1 185	470	177
Horses and ponies sold ..... farms	209	2	37	57	86	16	11
..... number	478	(D)	(D)	110	184	49	24
..... $1,000	325	(D)	(D)	114	95	39	2
Goats inventory ..... farms	221	–	30	154	30	6	1
..... number	794	–	(D)	396	159	28	(D)
Goats sold ..... farms	168	–	15	137	14	2	–
..... number	944	–	(D)	752	68	(D)	–
..... $1,000	23	–	(D)	14	2	(D)	–
POULTRY							
Chickens 3 months old or older inventory ..... farms	495	9	103	168	127	59	29
..... number	11 958	140	1 370	3 673	2 883	3 296	596
Farms with—							
1 to 399	494	9	103	167	127	59	29
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	–	–	–	–	–	–	–
Hens and pullets of laying age ..... farms	483	9	103	166	119	58	28
..... number	11 037	140	1 271	3 330	2 572	3 144	580
Pullets 3 months old or older not of laying age ..... farms	73	–	7	30	22	10	4
..... number	921	–	99	343	311	152	16

See footnote at end of table.

Table 32. **Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978**—Con.

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000	Total farming and other occupations	Forming						
			Age of operator					
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
POULTRY—Con.								
Chickens 3 months old or older sold ... farms	117	41	1	5	4	10	6	15
number	10 112	6 855	(D)	(D)	60	2 187	2 691	1 817
Broilers and other meat-type chickens sold ... farms	51	15	1	2	4	2	3	3
number	5 599	1 976	(D)	(D)	91	(D)	300	1 295
Farms with—								
1 to 1,999	51	15	1	2	4	2	3	3
2,000 to 15,999	–	–	–	–	–	–	–	–
16,000 to 29,999	–	–	–	–	–	–	–	–
30,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ... farms	24	8	–	3	–	1	3	1
number	75	30	–	5	–	(D)	(D)	(D)
Turkeys sold ... farms	19	5	–	2	1	–	2	–
number	3 727	35	–	(D)	(D)	–	(D)	–
CROPS HARVESTED								
Corn for all purposes ... farms	344	164	6	30	37	27	41	23
acres	4 909	2 795	69	480	727	440	752	327
Oats for grain ... farms	40	23	7	4	3	3	3	3
acres	273	182	14	54	30	24	30	30
bushels	10 724	7 761	784	2 176	1 308	1 040	1 038	1 415
Irrigated ... farms	–	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–	–
Irish potatoes ... farms	86	40	1	1	6	6	7	19
acres	81	30	(D)	(D)	(D)	7	5	15
hundredweight	8 807	3 459	(D)	(D)	(D)	484	521	2 100
Irrigated ... farms	9	–	–	–	–	–	–	–
acres	2	–	–	–	–	–	–	–
Farms by acres harvested:								
0.1 to 0.9 acres	65	30	1	1	6	4	6	12
1.0 to 4.9 acres	16	9	–	–	–	1	1	7
5.0 to 24.9 acres	5	1	–	–	–	1	–	–
25.0 to 99.9 acres	–	–	–	–	–	–	–	–
100.0 acres or more	–	–	–	–	–	–	–	–
Hay crops (see text) ... farms	3 004	1 191	31	241	107	204	240	368
acres	116 569	55 109	1 245	7 676	7 005	10 003	13 811	15 369
tons, dry	167 245	86 456	1 269	12 191	10 515	20 939	20 469	21 073
Irrigated ... farms	3	1	–	–	–	–	1	–
acres	34	(D)	–	–	–	–	(D)	–
Farms by acres harvested:								
1 to 24 acres	1 156	414	9	153	23	52	59	118
25 to 99 acres	1 647	651	21	77	58	128	142	225
100 to 499 acres	201	126	1	11	26	24	39	25
500 acres or more	–	–	–	–	–	–	–	–
Alfalfa hay ... farms	659	282	5	32	38	68	65	74
acres	18 558	8 933	103	577	856	2 305	2 656	2 436
tons, dry	30 965	15 552	280	1 108	1 439	4 334	4 625	3 766
Irrigated ... farms	–	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–	–
All vegetables harvested for sale (see text) ... farms	211	94	5	10	8	29	13	29
acres	599	328	24	36	16	74	31	147
Irrigated ... farms	22	6	–	–	–	2	2	2
acres	27	6	–	–	–	(D)	(D)	(D)
Farms by acres harvested:								
0.1 to 4.9 acres	179	73	3	6	7	28	10	19
5.0 to 24.9 acres	30	20	2	4	1	1	3	9
25.0 to 99.9 acres	2	1	–	–	–	–	–	1
100.0 acres or more	–	–	–	–	–	–	–	–
Land in orchards ... farms	332	62	2	24	6	7	6	17
acres	2 641	345	(D)	(D)	24	19	59	92
Irrigated ... farms	5	1	–	–	1	–	–	–
acres	27	(D)	–	–	(D)	–	–	–
Farms by acres in orchards:								
0.1 to 4.9 acres	126	36	2	11	5	6	1	11
5.0 to 24.9 acres	205	26	–	13	1	1	5	6
25.0 to 99.9 acres	–	–	–	–	–	–	–	–
100.0 acres or more	1	–	–	–	–	–	–	–
Apples ... farms	329	60	2	24	6	5	6	17
total acres	2 603	325	(D)	(D)	23	14	56	88
pounds	2 310 136	1 363 301	(D)	(D)	45 501	2 720	154 500	268 960

See footnote at end of table.

Table 32. **Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than $20,000: 1978**—Con.

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000		Other occupations						
			Age of operator					
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
POULTRY—Con.								
Chickens 3 months old or older sold	farms	76	–	17	31	13	11	4
	number	3 257	–	323	1 259	319	1 245	111
Broilers and other meat-type chickens sold	farms	36	–	11	15	2	–	8
	number	3 623	–	607	2 691	(D)	–	(D)
Farms with—								
1 to 1,999		36	–	11	15	2	–	8
2,000 to 15,999		–	–	–	–	–	–	–
16,000 to 29,999		–	–	–	–	–	–	–
30,000 or more		–	–	–	–	–	–	–
Turkey hens kept for breeding	farms	16	–	3	2	11	–	–
	number	45	–	(D)	(D)	28	–	–
Turkeys sold	farms	14	–	3	5	3	2	1
	number	3 692	–	103	3 193	352	(D)	(D)
CROPS HARVESTED								
Corn for all purposes	farms	180	–	22	65	49	34	10
	acres	2 114	–	113	829	630	434	108
Oats for grain	farms	17	–	3	2	5	6	1
	acres	91	–	7	(D)	12	58	(D)
	bushels	2 963	–	215	(D)	260	1 940	(D)
Irrigated	farms	–	–	–	–	–	–	–
	acres	–	–	–	–	–	–	–
Irish potatoes	farms	46	–	3	5	19	12	7
	acres	51	–	4	6	13	26	3
	hundredweight	5 348	–	539	388	2 432	1 729	260
Irrigated	farms	9	–	1	–	8	–	–
	acres	2	–	(D)	–	(D)	–	–
Farms by acres harvested:								
0.1 to 0.9 acres		35	–	1	4	15	9	6
1.0 to 4.9 acres		7	–	2	–	3	1	1
5.0 to 24.9 acres		4	–	–	1	1	2	–
25.0 to 99.9 acres		–	–	–	–	–	–	–
100.0 acres or more		–	–	–	–	–	–	–
Hay crops (see text)	farms	1 813	24	235	444	501	355	254
	acres	61 460	1 110	6 180	14 345	17 277	13 385	9 163
	tons, dry	80 789	1 324	7 899	18 758	21 908	19 405	11 495
Irrigated	farms	2	–	–	–	2	–	–
	acres	(D)	–	–	–	(D)	–	–
Farms by acres harvested:								
1 to 24 acres		742	11	141	190	214	110	76
25 to 99 acres		996	10	86	236	266	228	170
100 to 499 acres		75	3	8	18	21	17	8
500 acres or more		–	–	–	–	–	–	–
Alfalfa hay	farms	377	6	48	102	110	81	30
	acres	9 625	247	920	2 163	2 828	2 590	877
	tons, dry	15 413	301	1 704	3 344	4 193	4 543	1 328
Irrigated	farms	–	–	–	–	–	–	–
	acres	–	–	–	–	–	–	–
All vegetables harvested for sale (see text)	farms	117	–	33	26	23	28	7
	acres	271	–	66	61	69	64	12
Irrigated	farms	16	–	3	2	9	1	1
	acres	21	–	1	(D)	17	(D)	(D)
Farms by acres harvested:								
0.1 to 4.9 acres		106	–	31	24	21	24	6
5.0 to 24.9 acres		10	–	2	2	1	4	1
25.0 to 99.9 acres		1	–	–	–	1	–	–
100.0 acres or more		–	–	–	–	–	–	–
Land in orchards	farms	270	7	23	193	17	15	15
	acres	2 297	35	244	1 730	82	58	149
Irrigated	farms	4	–	1	–	2	1	–
	acres	26	–	(D)	–	(D)	(D)	–
Farms by acres in orchards:								
0.1 to 4.9 acres		90	–	10	55	11	9	5
5.0 to 24.9 acres		179	7	12	138	6	6	10
25.0 to 99.9 acres		–	–	–	–	–	–	–
100.0 acres or more		1	–	1	–	–	–	–
Apples	farms	269	7	22	193	17	15	15
	total acres	2 278	35	235	1 725	79	55	149
	pounds	946 835	1 260	127 350	481 935	177 160	103 550	55 580

[1]1978 data are based on a sample of farms; see text.

Table 33. **Summary by Size of Farm: 1978**

[Excludes abnormal farms; see text]

All Farms

		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARMS AND LAND IN FARMS							
Farms	number	7 258	316	862	362	580	897
	percent	100.0	4.3	11.8	4.9	7.9	12.3
Land in farms	acres	1 745 390	1 177	23 007	20 872	49 041	104 536
Average size of farm	acres	240	4	27	58	85	117
Value of land and buildings[1]	farms	7 258	324	902	394	555	763
	$1,000	1 165 074	17 194	55 448	26 902	58 384	63 163
Average per farm	dollars	160 522	53 069	61 472	68 278	105 196	82 782
Average per acre	dollars	655	15 532	2 323	1 177	1 246	709
Farms by value of land and buildings:							
$1 to $19,999		200	60	124	2	1	6
$20,000 to $39,999		704	107	254	97	74	66
$40,000 to $69,999		1 076	75	213	152	120	228
$70,000 to $99,999		1 031	37	134	87	117	255
$100,000 to $149,999		1 221	23	115	24	63	109
$150,000 to $199,999		1 169	7	49	15	145	82
$200,000 to $499,999		1 569	15	8	17	34	17
$500,000 to $999,999		240	–	5	–	1	–
$1,000,000 or more		48	–	–	–	–	–
Owned and rented land by operator:							
Land owned	farms	6 809	254	800	342	560	846
	acres	1 405 706	3 701	23 658	17 400	47 010	87 721
Land rented or leased from others	farms	3 244	79	298	126	149	359
	acres	386 327	242	5 998	4 932	6 390	22 426
Land rented or leased to others	farms	531	32	64	20	67	68
	acres	46 643	2 766	6 649	1 460	4 359	5 611
LAND IN FARMS ACCORDING TO USE							
Total cropland	farms	7 080	229	822	349	573	885
	acres	858 808	684	15 308	12 431	22 896	53 983
Harvested cropland	farms	6 568	140	675	319	544	734
	acres	579 014	299	8 815	7 897	14 477	27 878
Farms by acres harvested:							
1 to 49 acres		3 016	140	675	296	455	517
50 to 99 acres		1 422	–	–	23	89	180
100 to 199 acres		1 383	–	–	–	–	37
200 to 499 acres		693	–	–	–	–	–
500 to 999 acres		51	–	–	–	–	–
1,000 to 1,999 acres		2	–	–	–	–	–
2,000 acres or more		1	–	–	–	–	–
Cropland:							
Pasture or grazing only	farms	4 782	116	482	231	397	622
	acres	253 140	349	5 367	3 707	7 262	24 399
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	291	1	41	22	14	25
	acres	5 332	(D)	(D)	148	(D)	352
On which all crops failed	farms	111	1	6	3	2	23
	acres	1 828	(D)	15	9	(D)	96
In cultivated summer fallow	farms	109	–	15	5	4	8
	acres	1 977	–	21	9	11	55
Idle	farms	613	23	96	41	35	60
	acres	17 517	32	884	661	(D)	1 203
Total woodland	farms	5 507	19	412	217	442	634
	acres	696 460	67	5 123	5 482	20 862	37 817
Woodland pastured	farms	2 306	4	89	61	89	199
	acres	168 042	11	928	780	2 535	6 529
Woodland not pastured	farms	4 527	15	350	179	377	539
	acres	528 418	56	4 195	4 702	18 327	31 288
Pastureland and rangeland other than cropland and woodland pastured	farms	1 642	13	84	71	96	139
	acres	116 543	58	821	1 343	2 079	4 336
Land in house lots, ponds, roads, wasteland, etc.	farms	4 217	183	505	218	346	452
	acres	73 579	368	1 755	1 616	3 204	8 400
Pastureland, all types	farms	6 125	132	559	280	497	765
	acres	537 725	418	7 116	5 830	11 876	35 264
Irrigated land	farms	108	15	32	9	3	6
	acres	1 586	22	(D)	185	(D)	46
Harvested cropland irrigated	farms	95	15	31	1	3	6
	acres	1 313	22	127	(D)	(D)	46
Pastureland irrigated	farms	13	–	1	8	–	–
	acres	259	–	(D)	(D)	–	–
Other land irrigated	farms	4	–	2	1	–	–
	acres	14	–	(D)	(D)	–	–
Land set aside in the federal farm programs in 1978	farms	113	–	–	1	2	2
	acres	1 889	–	–	(D)	(D)	(D)
RACE AND TENURE OF OPERATOR							
All operators	number	7 258	316	862	362	580	897
Full owners	number	4 023	238	564	236	434	540
Part owners	number	2 780	15	236	106	125	304
Tenants	number	455	63	62	20	21	53
White	number	7 235	316	852	362	579	897
Full owners	number	4 009	238	562	236	433	540
Part owners	number	2 771	15	228	106	125	304
Tenants	number	455	63	62	20	21	53
Black and other races	number	23	–	10	–	1	–
Full owners	number	14	–	2	–	1	–
Part owners	number	9	–	8	–	–	–
Tenants	number	–	–	–	–	–	–

See footnote at end of table.

Table 33. **Summary by Size of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	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 acres or more
FARMS AND LAND IN FARMS							
Farms ..... number	656	579	525	1 680	681	111	9
percent	9.0	7.9	7.2	23.1	9.3	1.5	0.1
Land in farms ..... acres	104 669	115 166	124 776	596 549	436 666	141 672	27 259
Average size of farm ..... acres	160	199	238	355	641	1 276	3 029
Value of land and buildings[1] ..... farms	690	584	553	1 630	743	111	9
$1,000	71 437	87 075	86 394	349 523	269 920	69 936	9 697
Average per farm ..... dollars	103 532	149 100	156 228	214 431	363 283	630 057	1 077 412
Average per acre ..... dollars	657	748	654	595	561	493	355
Farms by value of land and buildings:							
$1 to $19,999	6	1	–	–	–	–	–
$20,000 to $39,999	70	12	12	7	5	–	–
$40,000 to $69,999	133	51	41	56	7	–	–
$70,000 to $99,999	134	100	57	102	8	–	–
$100,000 to $149,999	214	156	173	290	52	2	–
$150,000 to $199,999	76	121	125	411	133	5	–
$200,000 to $499,999	56	142	143	713	371	50	3
$500,000 to $999,999	1	1	2	43	144	40	3
$1,000,000 or more	–	–	–	8	23	14	3
Owned and rented land by operator:							
Land owned ..... farms	627	540	498	1 580	644	109	9
acres	91 052	96 854	102 563	468 443	328 226	112 296	26 782
Land rented or leased from others ..... farms	203	243	266	983	456	80	2
acres	16 085	21 424	24 743	137 156	113 619	31 112	(D)
Land rented or leased to others ..... farms	60	48	28	88	42	12	2
acres	2 468	3 112	2 530	9 050	5 179	1 736	(D)
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms	652	574	522	1 676	678	111	9
acres	51 180	59 332	65 008	311 832	205 023	54 178	6 953
Harvested cropland ..... farms	632	566	503	1 662	674	111	8
acres	32 286	39 740	45 082	217 085	143 591	37 298	4 566
Farms by acres harvested:							
1 to 49 acres	353	200	116	211	44	7	2
50 to 99 acres	215	223	182	424	78	8	–
100 to 199 acres	64	140	181	712	225	24	–
200 to 499 acres	–	3	24	315	306	42	3
500 to 999 acres	–	–	–	–	21	28	2
1,000 to 1,999 acres	–	–	–	–	–	2	–
2,000 acres or more	–	–	–	–	–	–	1
Cropland:							
Pasture or grazing only ..... farms	422	355	378	1 189	494	88	8
acres	16 325	17 246	18 258	87 134	56 216	15 017	1 860
Cover crops, legumes, and soil-improvement grasses not harvested or pastured ..... farms	23	20	31	80	28	6	–
acres	420	276	563	2 007	920	226	–
On which all crops failed ..... farms	6	12	5	33	17	2	1
acres	55	212	37	834	467	(D)	(D)
In cultivated summer fallow ..... farms	14	14	14	24	8	2	1
acres	147	241	204	671	294	(D)	(D)
Idle ..... farms	64	49	36	130	56	19	4
acres	1 947	1 617	864	4 101	3 535	1 471	279
Total woodland ..... farms	565	489	475	1 508	628	109	9
acres	43 320	43 407	49 760	218 999	179 745	73 779	18 099
Woodland pastured ..... farms	229	227	251	755	340	57	5
acres	10 985	11 683	14 442	60 138	44 491	13 079	2 441
Woodland not pastured ..... farms	438	383	374	1 220	543	101	8
acres	32 335	31 724	35 318	158 861	135 254	60 700	15 658
Pastureland and rangeland other than cropland and woodland pastured ..... farms	133	167	123	521	255	36	4
acres	5 279	8 544	6 412	43 526	34 312	8 466	1 367
Land in house lots, ponds, roads, wasteland, etc. ..... farms	373	319	293	1 017	431	73	7
acres	4 890	3 883	3 596	22 192	17 586	5 249	840
Pastureland, all types ..... farms	588	506	476	1 564	644	105	9
acres	32 589	37 473	39 112	190 798	135 019	36 562	5 668
Irrigated land ..... farms	6	7	4	16	7	3	–
acres	(D)	72	(D)	358	(D)	105	–
Harvested cropland irrigated ..... farms	6	7	3	13	7	3	–
acres	78	72	(D)	304	(D)	105	–
Pastureland irrigated ..... farms	–	–	1	2	1	–	–
acres	–	–	(D)	(D)	(D)	–	–
Other land irrigated ..... farms	–	–	–	1	–	–	–
acres	–	–	–	(D)	–	–	–
Land set aside in the federal farm programs in 1978 ..... farms	8	8	10	48	29	5	–
acres	110	68	119	624	769	113	–
RACE AND TENURE OF OPERATOR							
All operators ..... number	656	579	525	1 680	681	111	9
Full owners ..... number	454	337	259	697	226	31	7
Part owners ..... number	173	203	239	882	417	78	2
Tenants ..... number	29	39	27	101	38	2	–
White ..... number	654	578	524	1 675	678	111	9
Full owners ..... number	452	336	258	693	223	31	7
Part owners ..... number	173	203	239	881	417	78	2
Tenants ..... number	29	39	27	101	38	2	–
Black and other races ..... number	2	1	1	5	3	–	–
Full owners ..... number	2	1	1	4	3	–	–
Part owners ..... number	–	–	–	1	–	–	–
Tenants ..... number	–	–	–	–	–	–	–

See footnote at end of table.

Table 33. **Summary by Size of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARMS BY TYPE OF ORGANIZATION						
Individual or family ... farms	6 572	291	821	345	551	855
acres	1 478 116	1 089	22 065	19 893	46 631	99 479
Partnership ... farms	511	15	24	15	26	34
acres	188 748	58	632	(D)	(D)	4 108
Corporations:						
Family held ... farms	125	9	8	2	2	3
acres	59 679	(D)	206	(D)	(D)	(D)
More than 10 stockholders ... farms	4	–	–	–	–	–
10 or less stockholders ... farms	121	9	8	2	2	3
Other than family held ... farms	20	1	–	–	–	1
acres	9 735	(D)	–	–	–	(D)
More than 10 stockholders ... farms	1	–	–	–	–	–
10 or less stockholders ... farms	19	1	–	–	–	1
Other—cooperative, estate or trust, etc. ... farms	30	–	9	–	1	4
acres	9 112	–	104	–	(D)	447
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	6 363	254	758	305	521	782
Not on farm operated	484	34	54	41	35	75
Operators by age group:						
Under 25 years	159	19	22	14	1	22
25 to 34 years	1 159	59	216	74	63	195
35 to 44 years	1 756	87	211	100	212	240
45 to 54 years	1 780	72	254	68	100	135
55 to 64 years	1 394	39	60	58	104	156
65 years and over	1 010	40	99	48	100	149
Average age	48.3	45.5	44.8	45.6	48.9	47.7
Operators by sex:						
Male	6 666	291	780	315	551	717
Female	592	25	82	47	29	180
Operators of Spanish origin	35	1	10	1	1	3
Operators by principal occupation:						
Farming	4 564	93	247	105	172	566
Other	2 694	223	615	257	408	331
Operators reporting days of work off farm:						
None	3 472	85	175	88	125	378
1 to 99 days	768	17	70	35	41	74
100 to 199 days	672	33	123	30	64	183
200 days or more	2 095	176	477	207	335	242
FARMS BY SIZE						
1 to 9 acres	316	316	–	–	–	–
10 to 49 acres	862	–	862	–	–	–
50 to 69 acres	362	–	–	362	–	–
70 to 99 acres	580	–	–	–	580	–
100 to 139 acres	897	–	–	–	–	897
140 to 179 acres	656	–	–	–	–	–
180 to 219 acres	579	–	–	–	–	–
220 to 259 acres	525	–	–	–	–	–
260 to 499 acres	1 680	–	–	–	–	–
500 to 999 acres	681	–	–	–	–	–
1,000 to 1,999 acres	111	–	–	–	–	–
2,000 acres or more	9	–	–	–	–	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)						
Cash grain farms (011)	13	–	2	–	–	4
Field crop, except cash grain farms (013)	1 033	3	115	95	125	145
Cotton farms (0131)	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	1 033	3	115	95	125	145
Vegetable and melon farms (016)	102	18	43	6	10	7
Fruit and tree nut farms (017)	166	8	60	14	16	30
Horticultural specialty farms (018)	164	66	72	4	7	10
General farms, primarily crop (019)	301	1	123	24	54	25
Livestock farms, except dairy, poultry, and animal specialty (021)	1 656	126	310	132	256	207
Beef cattle farms, except feedlots (0212)	1 086	81	169	96	96	158
Dairy farms (024)	3 198	26	24	42	82	199
Poultry and egg farms (025)	84	19	26	14	2	6
Animal specialty farms (027)	322	35	70	14	24	137
General farms, primarily livestock (029)	219	14	17	17	4	127
VALUE OF AGRICULTURAL PRODUCTS SOLD						
Market value of agricultural products sold ... farms	7 258	316	862	362	580	897
$1,000	273 488	2 525	5 656	2 349	3 529	10 118
Farms by value of agricultural products sold:						
$500,000 or more	11	–	–	–	–	–
$200,000 to $499,999	124	–	2	–	–	2
$100,000 to $199,999	632	4	12	2	–	4
$40,000 to $99,999	1 670	18	22	10	24	66
$20,000 to $39,999	725	12	24	30	31	85
$10,000 to $19,999	476	25	23	14	33	71
$5,000 to $9,999	455	19	57	31	44	62
$2,500 to $4,999	742	33	101	46	62	233
Less than $2,500	2 423	205	621	229	386	374

See footnote at end of table.

Table 33. **Summary by Size of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	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 acres or more
FARMS BY TYPE OF ORGANIZATION							
Individual or family ... farms	626	534	480	1 461	523	79	6
acres	99 967	106 089	114 111	516 437	334 531	99 485	18 339
Partnership ... farms	26	33	33	178	108	17	2
acres	4 107	6 609	(D)	65 134	68 223	22 833	(D)
Corporations:							
Family held ... farms	2	8	10	26	41	14	–
acres	(D)	1 654	2 366	9 521	27 195	(D)	–
More than 10 stockholders ... farms	–	–	1	1	1	1	–
10 or less stockholders ... farms	2	8	9	25	40	13	–
Other than family held ... farms	–	2	1	8	6	1	–
acres	–	(D)	(D)	2 792	4 559	(D)	–
More than 10 stockholders ... farms	–	–	–	–	1	–	–
10 or less stockholders ... farms	–	2	1	8	5	1	–
Other—cooperative, estate or trust, etc. ... farms	2	2	1	7	3	–	1
acres	(D)	(D)	(D)	2 665	2 158	–	(D)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	564	510	478	1 485	604	94	8
Not on farm operated	45	32	20	102	32	13	1
Operators by age group:							
Under 25 years	12	15	11	32	9	2	–
25 to 34 years	68	86	79	217	92	8	2
35 to 44 years	123	113	108	405	140	17	–
45 to 54 years	182	123	130	498	191	25	2
55 to 64 years	121	135	124	376	181	38	2
65 years and over	150	107	73	152	68	21	3
Average age	51.9	50.3	49.5	48.2	49.4	54.8	53.3
Operators by sex:							
Male	621	531	499	1 601	648	105	7
Female	35	48	26	79	33	6	2
Operators of Spanish origin	8	4	–	5	1	1	–
Operators by principal occupation:							
Farming	392	418	412	1 440	624	87	8
Other	264	161	113	240	57	24	1
Operators reporting days of work off farm:							
None	280	324	316	1 130	488	77	6
1 to 99 days	85	75	63	203	89	15	1
100 to 199 days	49	47	40	85	12	4	2
200 days or more	188	116	86	193	63	12	–
FARMS BY SIZE							
1 to 9 acres	–	–	–	–	–	–	–
10 to 49 acres	–	–	–	–	–	–	–
50 to 69 acres	–	–	–	–	–	–	–
70 to 99 acres	–	–	–	–	–	–	–
100 to 139 acres	–	–	–	–	–	–	–
140 to 179 acres	656	–	–	–	–	–	–
180 to 219 acres	–	579	–	–	–	–	–
220 to 259 acres	–	–	525	–	–	–	–
260 to 499 acres	–	–	–	1 680	–	–	–
500 to 999 acres	–	–	–	–	681	–	–
1,000 to 1,999 acres	–	–	–	–	–	111	–
2,000 acres or more	–	–	–	–	–	–	9
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	4	–	–	2	1	–	–
Field crop, except cash grain farms (013)	175	102	66	150	48	8	1
Cotton farms (0131)	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	175	102	66	150	48	8	1
Vegetable and melon farms (016)	6	3	4	4	1	–	–
Fruit and tree nut farms (017)	8	5	6	9	10	–	–
Horticultural specialty farms (018)	2	–	1	2	–	–	–
General farms, primarily crop (019)	33	16	7	14	3	1	–
Livestock farms, except dairy, poultry, and animal specialty (021)	189	120	85	162	47	18	4
Beef cattle farms, except feedlots (0212)	144	90	70	128	34	17	3
Dairy farms (024)	215	307	343	1 313	559	84	4
Poultry and egg farms (025)	4	5	3	5	–	–	–
Animal specialty farms (027)	14	7	4	14	3	–	–
General farms, primarily livestock (029)	6	14	6	5	9	–	–
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold ... farms	656	579	525	1 680	681	111	9
$1,000	11 263	17 684	21 405	104 451	73 935	19 001	1 573
Farms by value of agricultural products sold:							
$500,000 or more	–	–	–	1	5	4	1
$200,000 to $499,999	1	1	2	17	68	30	1
$100,000 to $199,999	5	13	28	284	245	32	3
$40,000 to $99,999	103	186	206	776	238	21	–
$20,000 to $39,999	79	90	109	225	37	1	2
$10,000 to $19,999	76	55	29	111	29	10	–
$5,000 to $9,999	51	47	46	81	13	4	–
$2,500 to $4,999	88	52	36	76	13	2	–
Less than $2,500	253	135	69	109	33	7	2

See footnote at end of table.

Table 33. **Summary by Size of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms

		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
VALUE OF PRODUCTS SOLD—Con.							
Market value of agricultural products sold—Con.							
Grain	farms	63	–	4	–	1	6
	$1,000	276	–	11	–	(D)	24
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Commodity Credit Corporation loans	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Cotton and cottonseed	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Commodity Credit Corporation loans	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Tobacco	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Field seeds, hay, forage, and silage	farms	1 669	2	145	115	147	319
	$1,000	7 203	(D)	245	197	354	689
Sales of $40,000 or more	farms	18	–	–	–	–	–
	$1,000	1 219	–	–	–	–	–
Vegetables, sweet corn, and melons	farms	279	30	89	12	23	23
	$1,000	1 153	(D)	220	24	149	98
Sales of $40,000 or more	farms	6	–	1	–	2	1
	$1,000	431	–	(D)	–	(D)	(D)
Fruits, nuts, and berries	farms	219	8	83	11	16	30
	$1,000	6 102	(D)	451	295	199	578
Sales of $40,000 or more	farms	38	–	4	4	2	5
	$1,000	5 427	–	240	286	(D)	465
Nursery and greenhouse products	farms	206	72	85	6	9	14
	$1,000	2 268	1 212	721	26	142	111
Sales of $40,000 or more	farms	17	10	5	–	2	–
	$1,000	1 189	779	(D)	–	(D)	–
Other crops	farms	83	2	25	4	5	12
	$1,000	449	(D)	15	3	13	18
Sales of $40,000 or more	farms	4	–	–	–	–	–
	$1,000	356	–	–	–	–	–
Poultry and poultry products	farms	464	48	93	38	28	48
	$1,000	6 259	171	1 407	38	9	174
Sales of $40,000 or more	farms	19	2	8	–	–	1
	$1,000	5 882	(D)	1 330	–	–	(D)
Dairy products	farms	3 356	28	43	50	99	215
	$1,000	218 680	541	706	1 104	1 989	6 112
Sales of $40,000 or more	farms	2 165	4	6	8	16	54
	$1,000	192 919	243	352	466	926	3 137
Cattle and calves	farms	4 852	79	270	180	213	540
	$1,000	29 007	355	1 464	473	506	1 924
Sales of $40,000 or more	farms	66	3	9	–	–	3
	$1,000	5 596	127	946	–	–	508
Hogs and pigs	farms	574	37	108	53	33	157
	$1,000	507	43	77	39	36	76
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Sheep, lambs, and wool	farms	467	3	72	42	24	160
	$1,000	335	2	30	100	15	45
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Other livestock and livestock products (see text)	farms	874	47	133	54	171	291
	$1,000	1 251	131	307	51	117	269
Sales of $40,000 or more	farms	2	1	–	–	–	–
	$1,000	(D)	(D)	–	–	–	–
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased	farms	3 485	142	512	214	201	352
	$1,000	15 959	158	978	239	395	841
Farms with expenses of—							
$1 to $4,999		2 714	135	481	200	180	322
$5,000 to $19,999		599	7	11	14	12	26
$20,000 to $49,999		142	–	18	–	9	4
$50,000 or more		30	–	2	–	–	–
Feed for livestock and poultry	farms	6 221	200	677	312	454	644
	$1,000	85 387	521	2 275	795	654	2 553
Farms with expenses of—							
$1 to $4,999		3 068	177	637	261	403	516
$5,000 to $19,999		1 541	13	12	45	51	107
$20,000 to $49,999		1 342	10	15	6	–	17
$50,000 or more		270	–	13	–	–	4
Commercially mixed formula feeds	farms	4 972	158	464	189	374	396
	tons	453 904	2 851	13 022	3 610	3 096	11 692
	$1,000	67 039	424	1 963	479	493	1 688
Farms by tons purchased:							
1 to 99 tons		3 334	148	437	173	373	375
100 to 499 tons		1 558	10	19	16	1	19
500 tons or more		80	–	8	–	–	2
Farms with expenses of—							
$1 to $4,999		2 113	140	424	157	334	298
$5,000 to $19,999		1 686	8	20	31	40	90
$20,000 to $49,999		1 000	10	7	1	–	4
$50,000 or more		173	–	13	–	–	4

See footnote at end of table.

Table 33. **Summary by Size of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	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 acres or more
VALUE OF PRODUCTS SOLD—Con.							
Market value of agricultural products sold—Con.							
Grain ... forms	5	9	3	21	10	3	1
$1,000	37	(D)	(D)	121	(D)	18	(D)
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... forms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Cotton and cottonseed ... forms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... forms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Tobacco ... forms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage ... forms	224	156	117	297	126	18	3
$1,000	724	748	474	1 878	1 527	339	24
Sales of $40,000 or more ... forms	–	2	1	2	10	3	–
$1,000	–	(D)	(D)	(D)	662	280	–
Vegetables, sweet corn, and melons ... forms	17	16	12	38	17	–	2
$1,000	131	50	238	162	22	–	(D)
Sales of $40,000 or more ... forms	–	–	1	1	–	–	–
$1,000	–	–	(D)	(D)	–	–	–
Fruits, nuts, and berries ... forms	17	8	10	23	12	–	1
$1,000	121	228	481	781	2 950	–	(D)
Sales of $40,000 or more ... forms	1	3	3	6	10	–	–
$1,000	(D)	222	390	700	2 914	–	–
Nursery and greenhouse products ... forms	7	2	2	8	–	1	–
$1,000	41	(D)	(D)	10	–	(D)	–
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Other crops ... forms	6	6	3	15	4	1	–
$1,000	3	14	1	137	152	(D)	–
Sales of $40,000 or more ... forms	–	–	–	1	2	1	–
$1,000	–	–	–	(D)	(D)	(D)	–
Poultry and poultry products ... forms	38	50	22	65	32	1	1
$1,000	352	566	370	3 131	(D)	(D)	(D)
Sales of $40,000 or more ... forms	1	3	2	2	–	–	–
$1,000	(D)	539	(D)	(D)	–	–	–
Dairy products ... forms	232	324	359	1 341	575	86	4
$1,000	8 274	14 058	17 470	88 767	62 119	16 374	1 166
Sales of $40,000 or more ... forms	93	172	208	1 001	516	83	4
$1,000	5 325	10 524	13 743	80 120	60 610	16 308	1 166
Cattle and calves ... forms	420	448	457	1 512	620	104	9
$1,000	1 484	1 871	2 304	9 136	7 020	2 156	314
Sales of $40,000 or more ... forms	3	4	3	7	21	10	3
$1,000	155	212	139	516	1 753	1 003	236
Hogs and pigs ... forms	28	37	15	76	23	5	2
$1,000	28	61	14	83	45	(D)	(D)
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Sheep, lambs, and wool ... forms	27	29	32	51	21	5	1
$1,000	24	20	22	57	10	(D)	(D)
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ... forms	28	31	21	75	16	5	2
$1,000	43	56	18	189	20	(D)	(D)
Sales of $40,000 or more ... forms	–	–	–	–	–	–	1
$1,000	–	–	–	–	–	–	(D)
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased ... forms	345	248	319	703	383	58	8
$1,000	829	1 194	1 486	4 560	3 470	1 623	187
Farms with expenses of—							
$1 to $4,999	294	166	215	465	227	26	3
$5,000 to $19,999	51	72	94	182	115	14	1
$20,000 to $49,999	–	10	9	47	29	13	3
$50,000 or more	–	–	1	9	12	5	1
Feed for livestock and poultry ... forms	585	528	487	1 533	686	106	9
$1,000	3 450	6 226	6 787	33 330	22 545	5 831	419
Farms with expenses of—							
$1 to $4,999	392	191	148	263	58	17	5
$5,000 to $19,999	145	232	196	571	160	9	–
$20,000 to $49,999	46	102	134	617	355	38	2
$50,000 or more	2	3	9	82	113	42	2
Commercially mixed formula feeds ... forms	403	447	396	1 419	628	93	5
tons	17 365	34 649	34 432	177 429	123 179	30 310	2 268
$1,000	2 582	4 931	4 946	26 511	18 144	4 476	401
Forms by tons purchased:							
1 to 99 tons	343	329	273	691	166	25	1
100 to 499 tons	59	115	121	718	432	46	2
500 tons or more	1	3	2	10	30	22	2
Farms with expenses of—							
$1 to $4,999	238	153	102	224	31	11	1
$5,000 to $19,999	144	221	210	698	202	22	–
$20,000 to $49,999	20	71	80	457	321	27	2
$50,000 or more	1	2	4	40	74	33	2

See footnote at end of table.

Table 33. **Summary by Size of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms

		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
SELECTED FARM PRODUCTION EXPENSES[1]—Con.							
Animal health costs	farms	5 277	146	474	244	226	546
	$1,000	3 472	34	111	50	32	151
Forms with expenses of—							
$1 to $499		3 250	130	429	216	216	486
$500 to $999		889	5	22	15	9	35
$1,000 to $2,999		971	6	20	13	1	22
$3,000 or more		167	5	3	–	–	3
Seeds, bulbs, plants, and trees	farms	3 691	85	308	113	144	281
	$1,000	3 346	285	367	21	35	81
Forms with expenses of—							
$1 to $999		2 686	47	230	113	138	263
$1,000 to $4,999		920	28	62	–	6	16
$5,000 to $9,999		66	1	11	–	–	–
$10,000 or more		19	9	5	–	–	2
Commercial fertilizer	farms	4 745	64	435	197	335	277
	$1,000	9 489	15	114	83	209	209
Forms with expenses of—							
$1 to $2,499		3 534	64	435	197	330	258
$2,500 to $9,999		1 091	–	–	–	5	19
$10,000 to $19,999		109	–	–	–	–	–
$20,000 or more		11	–	–	–	–	–
Other agricultural chemicals including lime	farms	4 037	75	357	165	300	300
	$1,000	2 803	15	73	49	121	85
Forms with expenses of—							
$1 to $2,499		3 862	75	357	162	286	298
$2,500 to $9,999		154	–	–	3	14	–
$10,000 to $19,999		17	–	–	–	–	2
$20,000 or more		4	–	–	–	–	–
Energy and petroleum products	farms	7 236	319	897	393	555	757
	$1,000	15 463	211	476	192	319	547
Forms with expenses of—							
$1 to $2,499		5 012	300	853	380	539	726
$2,500 to $9,999		2 056	18	43	13	16	31
$10,000 to $19,999		150	1	1	–	–	–
$20,000 or more		18	–	–	–	–	–
Petroleum products	farms	7 224	319	885	393	555	757
	$1,000	9 775	148	319	112	234	375
Gasoline	farms	7 020	303	853	375	548	744
	$1,000	5 323	74	193	82	172	252
Diesel fuel	farms	3 498	60	141	87	102	176
	$1,000	2 647	9	31	11	32	45
LP gas, butane, and propane	farms	748	20	28	22	11	145
	$1,000	247	(D)	12	4	3	(D)
Fuel oil	farms	816	27	65	9	13	34
	$1,000	706	41	49	(Z)	4	14
Natural gas	farms	35	1	–	–	–	2
	$1,000	10	(D)	–	–	–	(D)
Kerosene, motor oil, and grease	farms	7 224	319	885	393	555	757
	$1,000	841	12	34	14	23	43
Electricity	farms	5 174	193	433	211	255	467
	$1,000	5 479	47	122	70	77	163
Other—coal, wood, coke, etc.	farms	473	20	73	25	24	21
	$1,000	210	16	34	10	7	9
Hired farm labor	farms	3 853	85	282	134	153	196
	$1,000	21 322	482	625	175	265	407
Forms with expenses of—							
$1 to $4,999		2 528	63	243	126	148	172
$5,000 to $19,999		1 147	15	35	8	–	22
$20,000 to $49,999		148	7	4	–	5	2
$50,000 or more		30	–	–	–	–	–
Workers by number of days worked:							
150 days or more	farms	2 094	38	53	21	27	52
	workers	4 113	69	121	33	39	80
Less than 150 days	farms	2 927	80	265	114	142	180
	workers	10 154	345	877	320	740	502
Contract labor	farms	444	3	55	27	28	135
	$1,000	658	2	38	18	95	30
Forms with expenses of—							
$1 to $2,499		373	3	55	25	10	135
$2,500 to $9,999		66	–	–	2	18	–
$10,000 to $19,999		3	–	–	–	–	–
$20,000 or more		2	–	–	–	–	–
Customwork, machine hire, and rental of machinery and equipment	farms	1 709	58	126	76	66	102
	$1,000	1 296	20	53	35	13	44
Forms with expenses of—							
$1 to $2,499		1 608	58	126	70	66	99
$2,500 to $9,999		95	–	–	6	–	3
$10,000 to $19,999		6	–	–	–	–	–
$20,000 or more		–	–	–	–	–	–
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services	farms	437	15	32	34	32	33
	$1,000	431	19	87	8	41	29
Value of agricultural products sold directly to individuals for human consumption	farms	727	44	145	54	52	77
	$1,000	1 895	88	267	70	144	244

See footnote at end of table.

Table 33. **Summary by Size of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms		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 acres or more
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Animal health costs	farms	462	463	457	1 478	676	97	8
	$1,000	159	249	274	1 236	940	217	19
Farms with expenses of—								
$1 to $499		338	275	248	694	195	20	3
$500 to $999		100	111	112	344	126	9	1
$1,000 to $2,999		23	67	95	400	280	42	2
$3,000 or more		1	10	2	40	75	26	2
Seeds, bulbs, plants, and trees	farms	255	309	314	1 201	588	86	7
	$1,000	91	165	255	1 043	829	156	19
Farms with expenses of—								
$1 to $999		228	243	242	822	325	32	3
$1,000 to $4,999		27	66	60	370	234	49	2
$5,000 to $9,999		–	–	12	8	27	5	2
$10,000 or more		–	–	–	1	2	–	–
Commercial fertilizer	farms	397	433	419	1 422	665	93	8
	$1,000	371	596	668	3 726	2 822	639	37
Farms with expenses of—								
$1 to $2,499		366	367	340	860	284	30	3
$2,500 to $9,999		31	66	78	525	321	42	4
$10,000 to $19,999		–	–	1	36	55	16	1
$20,000 or more		–	–	–	1	5	5	–
Other agricultural chemicals including lime	farms	292	332	328	1 207	587	87	7
	$1,000	107	144	234	940	872	150	14
Farms with expenses of—								
$1 to $2,499		291	329	315	1 163	512	70	4
$2,500 to $9,999		1	3	12	39	64	15	3
$10,000 to $19,999		–	–	1	5	7	2	–
$20,000 or more		–	–	–	–	4	–	–
Energy and petroleum products	farms	685	584	553	1 630	743	111	9
	$1,000	753	1 212	1 272	5 474	3 932	938	139
Farms with expenses of—								
$1 to $2,499		606	391	348	669	171	27	2
$2,500 to $9,999		72	187	203	923	501	47	2
$10,000 to $19,999		7	6	2	36	63	31	3
$20,000 or more		–	–	–	2	8	6	2
Petroleum products	farms	685	584	553	1 630	743	111	9
	$1,000	509	740	792	3 324	2 503	629	90
Gasoline	farms	668	579	537	1 572	724	108	9
	$1,000	320	442	474	1 720	1 264	294	37
Diesel fuel	farms	196	340	377	1 295	625	91	8
	$1,000	77	160	201	1 058	783	211	28
LP gas, butane, and propane	farms	35	65	57	207	133	24	1
	$1,000	9	19	19	63	62	13	(D)
Fuel oil	farms	45	79	52	256	186	46	4
	$1,000	(D)	53	(D)	196	191	66	(D)
Natural gas	farms	1	5	1	18	7	–	–
	$1,000	(D)	1	(D)	5	3	–	–
Kerosene, motor oil, and grease	farms	685	584	553	1 630	743	111	9
	$1,000	44	65	72	282	200	45	7
Electricity	farms	386	500	468	1 484	667	102	8
	$1,000	237	460	457	2 107	1 386	304	48
Other—coal, wood, coke, etc.	farms	29	37	45	110	79	10	–
	$1,000	6	11	23	44	43	5	–
Hired farm labor	farms	319	357	346	1 222	654	97	8
	$1,000	585	1 114	1 308	7 262	6 850	2 067	182
Farms with expenses of—								
$1 to $4,999		283	273	247	707	238	24	4
$5,000 to $19,999		34	82	95	484	333	37	2
$20,000 to $49,999		1	2	3	29	72	23	–
$50,000 or more		1	–	1	2	11	13	2
Workers by number of days worked:								
150 days or more	farms	89	191	190	827	517	83	6
	workers	146	269	319	1 494	1 201	314	28
Less than 150 days	farms	263	238	216	884	470	68	7
	workers	771	823	981	2 686	1 807	268	34
Contract labor	farms	29	19	26	68	51	3	–
	$1,000	13	32	68	134	211	17	–
Farms with expenses of—								
$1 to $2,499		29	18	20	48	30	–	–
$2,500 to $9,999		–	1	6	20	17	2	–
$10,000 to $19,999		–	–	–	–	2	1	–
$20,000 or more		–	–	–	–	2	–	–
Customwork, machine hire, and rental of machinery and equipment	farms	126	141	166	526	279	39	4
	$1,000	60	69	147	490	296	68	2
Farms with expenses of—								
$1 to $2,499		121	138	156	483	255	32	4
$2,500 to $9,999		5	3	10	42	21	5	–
$10,000 to $19,999		–	–	–	1	3	2	–
$20,000 or more		–	–	–	–	–	–	–
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services	farms	41	42	42	105	49	12	–
	$1,000	36	50	27	82	42	10	–
Value of agricultural products sold directly to individuals for human consumption	farms	57	58	47	136	53	3	1
	$1,000	141	202	188	361	185	(D)	(D)

See footnote at end of table.

Table 33. **Summary by Size of Farm: 1978**—Con.

[Excludes abnormal forms; see text]

All Farms	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ... forms	7 253	324	897	394	555	763
$1,000	224 345	2 525	8 841	4 214	5 677	9 429
Forms by value group:						
$1 to $4,999	1 052	91	285	80	92	323
$5,000 to $9,999	1 759	165	426	164	290	156
$10,000 to $19,999	1 043	39	93	108	91	83
$20,000 to $49,999	1 826	29	77	26	78	176
$50,000 to $99,999	1 056	–	3	16	4	24
$100,000 to $199,999	455	–	13	–	–	1
$200,000 to $499,999	60	–	–	–	–	–
$500,000 or more	2	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]						
Automobiles ... forms	4 995	147	538	220	388	414
number	6 577	160	640	261	464	523
Motortrucks, including pickups ... forms	5 595	189	572	316	441	598
number	7 817	216	701	430	510	717
Wheel tractors ... forms	6 522	202	655	318	503	715
number	16 271	312	1 040	555	726	1 217
2 or 3 ... forms	3 065	80	183	135	159	274
number	7 673	190	443	303	339	632
4 or more ... forms	1 358	–	37	23	12	43
number	6 499	–	162	92	55	187
Grain and bean combines, self-propelled only ... forms	152	–	2	–	–	3
number	170	–	(D)	–	–	4
Cornpickers, corn heads, and picker-shellers ... forms	489	3	4	12	8	24
number	578	4	4	12	8	26
Corn heads for combines ... forms	355	3	3	8	8	15
number	374	3	3	8	8	15
Other cornpickers and picker-shellers ... forms	181	1	1	4	–	11
number	204	(D)	(D)	4	–	11
Cottonpickers ... forms	–	–	–	–	–	–
number	–	–	–	–	–	–
Mower conditioners ... forms	3 701	38	145	67	132	292
number	4 094	39	148	71	147	292
Pickup balers ... forms	4 192	41	187	138	175	402
number	4 424	41	187	144	181	424
Field forage harvesters, shear bar or flywheel type ... forms	2 342	32	53	39	33	80
number	2 787	32	53	45	36	86
AGRICULTURAL CHEMICALS[1]						
Agricultural chemicals, including commercial fertilizer and lime ... forms	5 176	86	492	220	364	428
$1,000	12 292	30	186	131	329	294
Commercial fertilizer ... forms	4 621	51	414	192	313	268
acres on which used	367 785	147	3 949	3 640	6 699	8 000
Lime ... forms	2 510	12	176	111	90	105
acres on which used	81 665	22	1 296	1 387	1 739	1 392
tons	133 423	27	1 229	2 433	2 253	2 476
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops ... forms	1 146	23	144	31	153	161
acres on which used	38 294	28	960	260	2 201	1 347
Nematodes in crops ... forms	130	9	16	–	6	2
acres on which used	7 369	9	38	–	91	(D)
Diseases in crops and orchards ... forms	382	16	104	21	23	46
acres on which used	9 848	29	789	238	959	596
Weeds, grass, or brush in crops and pasture ... forms	2 436	24	118	96	102	125
acres on which used	88 853	98	519	831	1 183	2 187
Chemicals for—						
Defoliation or for growth control of crops, or thinning of fruit ... forms	203	4	32	16	20	7
acres on which used	6 764	4	349	47	625	232
Insect control on livestock and poultry ... forms	2 405	50	141	90	232	201
Sanitation and rodent and bird control ... forms	910	36	63	34	73	28
LIVESTOCK						
Cattle and calves inventory ... forms	5 385	124	463	220	305	585
number	325 396	2 038	5 226	3 395	5 762	13 973
Farms with—						
1 to 9	1 135	61	326	111	114	203
10 to 49	1 645	54	120	94	167	305
50 to 99	1 563	7	11	14	24	71
100 to 199	843	2	4	1	–	4
200 to 499	190	–	2	–	–	2
500 or more	9	–	–	–	–	–
Cows and heifers that had calved ... forms	4 817	90	348	184	269	403
number	197 727	723	1 863	1 959	3 139	7 284
Beef cows ... forms	1 510	51	246	95	163	180
number	10 788	230	876	534	873	1 193
Forms with—						
1 to 9	1 160	48	221	80	140	135
10 to 49	333	3	25	15	23	45
50 to 99	14	–	–	–	–	–
100 to 199	2	–	–	–	–	–
200 to 499	1	–	–	–	–	–
500 or more	–	–	–	–	–	–

See footnote at end of table.

Table 33. **Summary by Size of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	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 acres or more
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ... farms	690	584	553	1 630	743	111	9
$1,000	11 546	17 458	19 363	80 209	53 792	10 571	722
Farms by value group:							
$1 to $4,999	94	42	12	24	6	3	-
$5,000 to $9,999	256	91	65	115	26	5	-
$10,000 to $19,999	163	136	89	178	56	5	2
$20,000 to $49,999	119	200	249	661	190	19	2
$50,000 to $99,999	56	79	119	467	259	28	1
$100,000 to $199,999	2	36	18	170	176	36	3
$200,000 to $499,999	-	-	1	14	29	15	1
$500,000 or more	-	-	-	1	1	-	-
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ... farms	423	437	437	1 291	606	87	7
number	506	547	578	1 788	919	180	11
Motortrucks, including pickups ... farms	486	424	447	1 333	675	105	9
number	603	571	608	1 923	1 239	272	27
Wheel tractors ... farms	617	552	529	1 599	713	110	9
number	1 172	1 407	1 370	5 074	2 839	513	46
2 or 3 ... farms	337	348	382	878	266	20	3
number	787	892	968	2 326	731	54	8
4 or more ... farms	33	78	72	576	406	74	4
number	138	389	327	2 603	2 067	443	36
Grain and bean combines, self-propelled only ... farms	1	23	11	54	49	8	1
number	(D)	23	11	55	61	11	(D)
Cornpickers, corn heads, and picker-shellers ... farms	30	49	43	203	94	17	2
number	35	60	50	241	113	(D)	(D)
Corn heads for combines ... farms	28	39	40	137	63	10	1
number	28	39	40	153	65	(D)	(D)
Other cornpickers and picker-shellers ... farms	7	21	8	76	43	8	1
number	7	21	10	88	48	12	(D)
Cottonpickers ... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ... farms	249	374	423	1 271	608	95	7
number	283	404	454	1 407	717	121	11
Pickup balers ... farms	309	404	430	1 367	636	96	7
number	309	430	450	1 439	696	112	11
Field forage harvesters, shear bar or flywheel type ... farms	126	216	207	962	508	80	6
number	145	257	247	1 139	639	100	8
AGRICULTURAL CHEMICALS[1]							
Agricultural chemicals, including commercial fertilizer and lime ... farms	428	464	445	1 471	674	96	8
$1,000	478	740	902	4 666	3 694	789	51
Commercial fertilizer ... farms	392	411	413	1 403	663	93	8
acres on which used	14 669	24 150	27 457	146 657	105 607	24 562	2 248
Lime ... farms	192	203	240	879	430	68	4
acres on which used	4 518	5 739	7 327	29 810	22 011	5 829	595
tons	6 114	7 983	11 819	49 297	38 597	10 037	1 158
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops ... farms	83	57	88	241	136	25	4
acres on which used	1 041	1 834	4 160	12 395	10 548	2 610	910
Nematodes in crops ... farms	6	10	14	29	33	5	-
acres on which used	52	268	944	1 789	3 364	770	-
Diseases in crops and orchards ... farms	39	25	33	33	36	6	-
acres on which used	328	337	659	1 653	3 175	1 085	-
Weeds, grass, or brush in crops and pasture ... farms	167	252	219	838	429	60	6
acres on which used	2 745	5 386	5 671	34 360	28 038	6 865	970
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit ... farms	16	5	18	55	27	2	1
acres on which used	211	55	728	2 424	1 830	(D)	(D)
Insect control on livestock and poultry ... farms	170	208	166	720	369	56	2
Sanitation and rodent and bird control ... farms	63	71	68	281	165	27	1
LIVESTOCK							
Cattle and calves inventory ... farms	503	465	467	1 515	622	107	9
number	15 513	22 106	26 604	123 776	83 838	21 375	1 790
Farms with—							
1 to 9	143	54	39	57	15	10	2
10 to 49	249	197	149	261	43	6	-
50 to 99	106	188	234	739	156	11	2
100 to 199	5	26	43	423	298	35	2
200 to 499	-	-	2	35	108	39	2
500 or more	-	-	-	-	2	6	1
Cows and heifers that had calved ... farms	461	432	446	1 468	605	104	7
number	9 145	13 603	16 828	77 267	51 248	13 558	1 110
Beef cows ... farms	183	112	113	254	90	19	4
number	1 554	744	979	2 079	1 054	591	81
Farms with—							
1 to 9	118	84	78	192	55	8	1
10 to 49	64	28	33	56	31	8	2
50 to 99	1	-	2	5	4	1	1
100 to 199	-	-	-	1	-	1	-
200 to 499	-	-	-	-	-	1	-
500 or more	-	-	-	-	-	-	-

See footnote at end of table.

Table 33. **Summary by Size of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LIVESTOCK—Con.						
Cattle and calves inventory—Con.						
Cows and heifers that had calved—Con.						
Milk cows ..... forms	3 912	56	168	118	139	265
..... number	186 939	493	987	1 425	2 266	6 091
Forms with—						
1 to 4	632	38	135	73	48	57
5 to 9	82	2	9	4	15	18
10 to 49	1 603	16	21	31	71	170
50 to 99	1 244	–	3	10	5	19
100 to 199	303	–	–	–	–	1
200 to 499	45	–	–	–	–	–
500 or more	3	–	–	–	–	–
Heifers and heifer calves ..... forms	4 525	95	255	147	243	402
..... number	113 106	799	1 930	1 192	2 113	4 530
Steers, steer calves, bulls, and bull calves ..... forms	3 105	49	259	116	175	393
..... number	14 563	516	1 433	244	510	2 159
Cattle and calves sold ..... forms	4 852	79	270	180	213	540
..... number	161 535	1 281	5 709	2 117	2 633	8 980
..... $1,000	29 007	355	1 464	473	506	1 924
Calves ..... forms	4 031	64	170	110	139	409
..... number	109 616	837	4 363	1 073	1 600	6 342
..... $1,000	7 042	140	912	101	110	853
Cattle ..... forms	4 120	51	220	145	183	370
..... number	51 919	444	1 346	1 044	1 033	2 638
..... $1,000	21 965	216	553	372	397	1 070
Fattened on grain and concentrates ..... forms	400	10	72	18	35	48
..... number	3 405	23	604	82	169	185
..... $1,000	1 357	9	193	34	65	61
Hogs and pigs inventory ..... forms	1 069	76	178	94	75	193
..... number	7 656	924	1 116	506	1 392	553
Forms with—						
1 to 9	942	54	156	88	63	186
10 to 49	102	21	19	5	3	6
50 to 99	10	–	3	1	–	1
100 to 199	14	1	–	–	9	–
200 to 499	1	–	–	–	–	–
500 or more	–	–	–	–	–	–
Used or to be used for breeding ..... forms	502	50	74	57	36	139
..... number	2 046	191	264	176	560	177
Other ..... forms	844	58	163	60	69	69
..... number	5 610	733	852	330	832	376
Hogs and pigs sold ..... forms	574	37	108	53	33	157
..... number	10 786	992	1 859	929	802	1 710
..... $1,000	507	43	77	39	36	76
Feeder pigs sold ..... forms	277	20	17	23	19	130
..... number	5 955	565	1 185	598	478	1 252
..... $1,000	171	16	37	15	17	37
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 ..... forms	526	57	75	60	37	143
..... number	1 726	139	277	161	182	309
Dec. 1 and May 31 ..... forms	422	42	49	44	28	136
..... number	1 036	84	146	107	49	286
June 1 and Nov. 30 ..... forms	230	22	47	24	16	12
..... number	690	55	131	54	133	23
Sheep and lambs of all ages inventory ..... forms	542	18	80	45	38	165
..... number	8 913	61	1 115	1 497	495	1 961
Ewes 1 year old or older ..... forms	475	6	76	40	34	161
..... number	6 111	34	717	964	361	1 386
Sheep and lambs sold ..... forms	278	3	50	32	20	35
..... number	5 678	27	538	1 446	284	725
Sheep and lambs shorn ..... forms	450	3	72	40	22	158
..... number	7 452	27	909	1 370	363	1 668
..... pounds of wool	54 756	205	7 230	9 980	2 755	12 537
Horses and ponies inventory ..... forms	1 991	52	285	94	183	390
..... number	8 367	106	1 084	399	717	1 712
Horses and ponies sold ..... forms	601	30	74	45	41	279
..... number	1 622	39	171	89	131	766
..... $1,000	901	24	140	48	104	266
Goats inventory ..... forms	418	5	53	13	144	133
..... number	2 192	101	291	80	403	1 151
Goats sold ..... forms	180	4	28	11	125	6
..... number	1 033	117	163	54	664	22
..... $1,000	29	5	11	2	10	2
POULTRY						
Chickens 3 months old or older inventory ..... forms	1 213	72	203	83	90	213
..... number	531 152	7 598	137 748	2 174	2 131	14 144
Forms with—						
1 to 399	1 181	69	192	82	90	207
400 to 3,199	17	3	4	1	–	5
3,200 to 9,999	4	–	1	–	–	1
10,000 to 19,999	5	–	3	–	–	–
20,000 to 49,999	5	–	3	–	–	–
50,000 to 99,999	–	–	–	–	–	–
100,000 or more	1	–	–	–	–	–
Hens and pullets of laying age ..... forms	1 196	72	202	74	90	211
..... number	503 937	7 549	125 232	1 990	2 024	13 912
Pullets 3 months old or older not of laying age ..... forms	140	3	40	20	4	21
..... number	27 215	49	12 516	184	107	232

See footnote at end of table.

Table 33. **Summary by Size of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	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 acres or more
LIVESTOCK—Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows ..... farms	374	369	377	1 369	576	97	4
number	7 591	12 859	15 849	75 188	50 194	12 967	1 029
Farms with—							
1 to 4	149	44	20	45	11	12	–
5 to 9	9	10	4	10	1	–	–
10 to 49	181	230	226	563	91	3	–
50 to 99	35	83	124	651	287	25	2
100 to 199	–	2	3	96	162	39	–
200 to 499	–	–	–	4	24	16	1
500 or more	–	–	–	–	–	2	1
Heifers and heifer calves ..... farms	444	412	421	1 420	578	101	7
number	5 570	7 278	8 861	42 982	29 987	7 276	588
Steers, steer calves, bulls, and bull calves ..... farms	231	264	251	885	406	70	6
number	798	1 225	915	3 527	2 603	541	92
Cattle and calves sold ..... farms	420	448	457	1 512	620	104	9
number	7 439	10 825	13 273	57 324	39 998	10 699	1 257
$1,000	1 484	1 871	2 304	9 136	7 020	2 156	314
Calves ..... farms	332	371	381	1 384	578	88	5
number	4 694	7 219	8 878	40 423	26 818	6 666	703
$1,000	410	443	414	2 062	1 238	326	35
Cattle ..... farms	329	390	419	1 344	562	98	9
number	2 745	3 606	4 395	16 901	13 180	4 033	554
$1,000	1 074	1 428	1 890	7 074	5 783	1 830	279
Fattened on grain and concentrates ..... farms	47	34	38	64	32	2	–
number	210	331	199	614	(D)	(D)	–
$1,000	69	123	73	262	(D)	(D)	–
Hogs and pigs inventory ..... farms	62	80	66	166	66	11	2
number	467	598	202	935	813	(D)	(D)
Farms with—							
1 to 9	53	67	65	145	56	8	1
10 to 49	7	11	1	20	6	2	1
50 to 99	2	1	–	–	1	1	–
100 to 199	–	1	–	1	2	–	–
200 to 499	–	–	–	–	1	–	–
500 or more	–	–	–	–	–	–	–
Used or to be used for breeding ..... farms	23	24	12	61	19	5	2
number	164	97	29	272	81	(D)	(D)
Other ..... farms	60	77	62	154	62	8	2
number	303	501	173	663	732	(D)	(D)
Hogs and pigs sold ..... farms	28	37	15	76	23	5	2
number	768	743	248	1 972	649	(D)	(D)
$1,000	28	61	14	83	45	(D)	(D)
Feeder pigs sold ..... farms	9	10	6	32	9	1	1
number	305	218	161	1 007	(D)	(D)	(D)
$1,000	8	6	4	24	(D)	(D)	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms	26	25	12	65	19	5	2
number	131	108	35	267	90	(D)	(D)
Dec. 1 and May 31 ..... farms	25	22	11	47	13	3	2
number	81	60	23	147	42	(D)	(D)
June 1 and Nov. 30 ..... farms	18	15	8	48	14	4	2
number	50	48	12	120	48	(D)	(D)
Sheep and lambs of all ages inventory ..... farms	34	29	37	60	29	6	1
number	725	603	696	1 148	402	(D)	(D)
Ewes 1 year old or older ..... farms	25	26	35	44	23	4	1
number	503	373	557	899	200	(D)	(D)
Sheep and lambs sold ..... farms	20	26	29	41	17	4	1
number	361	421	492	988	201	(D)	(D)
Sheep and lambs shorn ..... farms	26	26	32	48	18	5	–
number	606	555	480	1 012	245	217	–
pounds of wool	4 019	4 009	3 319	6 730	2 011	1 961	–
Horses and ponies inventory ..... farms	173	133	108	384	155	30	4
number	647	505	373	1 431	757	218	418
Horses and ponies sold ..... farms	25	22	16	55	10	2	2
number	68	47	34	152	20	(D)	(D)
$1,000	38	53	18	144	20	(D)	(D)
Goats inventory ..... farms	43	6	6	10	5	–	–
number	59	16	16	64	11	–	–
Goats sold ..... farms	–	1	–	2	3	–	–
number	–	(D)	–	(D)	5	–	–
$1,000	–	(D)	–	(D)	(Z)	–	–
POULTRY							
Chickens 3 months old or older inventory ..... farms	138	81	81	174	72	6	–
number	28 789	42 507	22 764	269 206	2 997	1 094	–
Farms with—							
1 to 399	137	76	79	172	72	5	–
400 to 3,199	–	2	1	–	–	1	–
3,200 to 9,999	–	2	–	–	–	–	–
10,000 to 19,999	–	–	1	1	–	–	–
20,000 to 49,999	1	1	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	1	–	–	–
Hens and pullets of laying age ..... farms	138	80	80	172	72	5	–
number	22 568	40 326	22 702	263 959	2 920	755	–
Pullets 3 months old or older not of laying age ..... farms	14	7	5	19	4	3	–
number	6 221	2 181	62	5 247	77	339	–

See footnote at end of table.

Table 33. **Summary by Size of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
POULTRY—Con.						
Chickens 3 months old or older sold ..... farms	154	24	39	15	7	12
number	412 196	6 003	85 040	10 478	229	9 395
Broilers and other meat-type chickens sold ..... farms	65	3	22	2	9	4
number	6 375	1 705	2 395	(D)	800	175
Forms with—						
1 to 1,999	65	3	22	2	9	4
2,000 to 59,999	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms	27	8	2	1	2	3
number	81	29	(D)	(D)	(D)	3
Turkeys sold ..... farms	30	3	2	3	2	3
number	11 121	5 653	(D)	18	(D)	22
CROPS HARVESTED						
Corn for all purposes ..... farms	2 271	3	42	22	69	98
acres	101 982	11	391	294	850	1 868
Oats for grain ..... farms	135	–	11	1	3	6
acres	3 366	–	48	(D)	(D)	47
bushels	147 097	–	2 472	(D)	(D)	2 370
Irrigated ..... farms	–	–	–	–	–	–
acres	–	–	–	–	–	–
Irish potatoes ..... farms	119	2	29	4	7	14
acres	700	(D)	28	9	47	22
hundredweight	126 834	(D)	2 638	688	4 067	4 343
Irrigated ..... farms	11	–	9	–	–	–
acres	13	–	(D)	–	–	–
Farms by acres harvested:						
0.1 to 0.9 acres	82	–	22	2	4	6
1.0 to 4.9 acres	22	2	5	1	1	7
5.0 to 24.9 acres	9	–	2	1	1	1
25.0 to 99.9 acres	3	–	–	–	1	–
100.0 acres or more	3	–	–	–	–	–
Hay crops (see text) ..... farms	5 953	30	495	294	395	688
acres	492 192	96	7 419	7 472	12 202	25 512
tons, dry	876 374	138	9 880	10 226	16 585	38 951
Irrigated ..... farms	11	–	2	–	–	–
acres	264	–	(D)	–	–	–
Farms by acres harvested:						
1 to 24 acres	1 255	30	398	135	149	261
25 to 99 acres	2 884	–	97	159	245	401
100 to 499 acres	1 785	–	–	–	1	26
500 acres or more	29	–	–	–	–	–
Alfalfa hay ..... farms	2 050	2	104	54	77	173
acres	98 979	(D)	1 110	918	1 611	4 771
tons, dry	219 212	(D)	1 975	1 577	3 069	8 515
Irrigated ..... farms	1	–	–	–	–	–
acres	(D)	–	–	–	–	–
All vegetables harvested for sale (see text) ..... farms	279	30	89	12	23	23
acres	1 593	63	305	41	216	204
Irrigated ..... farms	31	2	14	1	1	2
acres	306	(D)	22	(D)	(D)	(D)
Farms by acres harvested:						
0.1 to 4.9 acres	211	27	74	9	12	13
5.0 to 24.9 acres	56	3	14	3	9	8
25.0 to 99.9 acres	10	–	1	–	2	1
100.0 acres or more	2	–	–	–	–	1
Land in orchards ..... farms	392	14	80	19	148	40
acres	6 473	44	517	251	1 714	726
Irrigated ..... farms	9	–	6	–	–	1
acres	212	–	28	–	–	(D)
Farms by acres in orchards:						
0.1 to 4.9 acres	137	14	34	5	20	14
5.0 to 24.9 acres	215	–	45	10	125	18
25.0 to 99.9 acres	29	–	1	4	3	6
100.0 acres or more	11	–	–	–	–	2
Apples ..... farms	389	14	79	19	148	40
total acres	6 410	(D)	509	247	1 707	719
pounds	50 012 866	(D)	3 405 310	3 131 100	2 087 545	4 119 210

See footnote at end of table.

Table 33. **Summary by Size of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	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 acres or more
POULTRY—Con.							
Chickens 3 months old or older sold ... forms	7	14	7	18	9	1	1
number	20 959	26 231	43 751	209 040	(D)	(D)	(D)
Broilers and other meat-type chickens sold ... forms	4	4	3	12	2	–	–
number	137	510	106	379	(D)	–	–
Forms with –							
1 to 1,999	4	4	3	12	2	–	–
2,000 to 59,999	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding ... forms	3	2	3	3	–	–	–
number	18	(D)	9	6	–	–	–
Turkeys sold ... forms	3	1	4	6	3	–	–
number	20	(D)	16	345	570	–	–
CROPS HARVESTED							
Corn for all purposes ... forms	141	190	216	942	468	74	6
acres	2 742	4 558	6 571	40 028	34 451	9 506	712
Oats for grain ... forms	12	12	10	38	32	9	1
acres	133	124	156	741	1 375	618	(D)
bushels	6 829	6 575	8 725	36 259	50 387	28 750	(D)
Irrigated ... forms	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–
Irish potatoes ... forms	12	13	6	22	9	1	–
acres	6	34	3	160	188	(D)	–
hundredweight	725	1 738	374	33 873	48 028	(D)	–
Irrigated ... forms	1	–	–	1	–	–	–
acres	(D)	–	–	(D)	–	–	–
Farms by acres harvested:							
0.1 to 0.9 acres	11	11	5	15	6	–	–
1.0 to 4.9 acres	1	–	1	4	–	–	–
5.0 to 24.9 acres	–	1	–	2	1	–	–
25.0 to 99.9 acres	–	1	–	–	1	–	–
100.0 acres or more	–	–	–	1	1	1	–
Hay crops (see text) ... forms	600	554	491	1 633	655	110	8
acres	29 864	36 687	39 837	187 212	113 657	28 588	3 646
tons, dry	56 767	62 101	73 155	329 831	218 810	52 756	7 174
Irrigated ... forms	1	1	1	4	2	–	–
acres	(D)	(D)	(D)	172	(D)	–	–
Farms by acres harvested:							
1 to 24 acres	80	64	49	62	21	4	2
25 to 99 acres	472	375	286	690	143	16	–
100 to 499 acres	48	115	156	881	482	71	5
500 acres or more	–	–	–	–	9	19	1
Alfalfa hay ... forms	168	189	191	705	337	47	3
acres	5 381	8 173	8 818	38 007	23 321	6 152	(D)
tons, dry	11 104	16 918	19 175	83 699	58 089	14 045	(D)
Irrigated ... forms	–	–	–	–	1	–	–
acres	–	–	–	–	(D)	–	–
All vegetables harvested for sale (see text) ... forms	17	16	12	38	17	–	2
acres	162	70	282	194	48	–	(D)
Irrigated ... forms	4	1	1	5	–	–	–
acres	39	(D)	(D)	36	–	–	–
Farms by acres harvested:							
0.1 to 4.9 acres	12	14	9	27	13	–	1
5.0 to 24.9 acres	3	1	–	10	4	–	1
25.0 to 99.9 acres	2	1	2	1	–	–	–
100.0 acres or more	–	–	1	–	–	–	–
Land in orchards ... forms	19	16	10	30	15	1	–
acres	110	182	367	656	(D)	(D)	–
Irrigated ... forms	–	–	–	1	1	–	–
acres	–	–	–	(D)	(D)	–	–
Farms by acres in orchards:							
0.1 to 4.9 acres	16	12	3	14	4	1	–
5.0 to 24.9 acres	2	2	3	8	2	–	–
25.0 to 99.9 acres	1	2	2	7	3	–	–
100.0 acres or more	–	–	2	1	6	–	–
Apples ... forms	17	16	10	30	15	1	–
total acres	104	175	364	646	1 896	(D)	–
pounds	727 180	1 810 101	3 817 200	7 177 770	23 679 000	(D)	–

[1]1978 data are based on a sample of farms; see text.

Table 34. Summary by Value of Agricultural Products Sold: 1978

	All farms	Farms with sales of $20,000 or more					
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
FARMS AND LAND IN FARMS							
Farms ..... number	7 273	3 162	11	124	632	1 670	725
..... percent	100.0	43.4	0.1	1.7	8.6	22.9	9.9
Land in farms ..... acres	1 752 940	1 179 176	15 992	96 464	324 473	563 664	178 583
Average size of farm ..... acres	241	373	1 454	778	513	338	246
Value of land and buildings[1] ..... farms	7 273	3 180	11	124	632	1 681	732
..... $1,000	1 177 393	747 121	13 173	71 216	210 243	339 647	112 842
Average per farm ..... dollars	161 885	234 943	1 197 559	574 326	332 662	202 050	154 155
Average per acre ..... dollars	659	612	823	738	647	576	584
Farms by value of land and buildings:							
$1 to $19,999	200	32	–	–	2	13	17
$20,000 to $39,999	705	44	–	1	5	19	19
$40,000 to $69,999	1 077	128	–	1	5	64	58
$70,000 to $99,999	1 031	229	–	2	5	95	127
$100,000 to $149,999	1 222	582	–	5	48	357	172
$150,000 to $199,999	1 170	700	–	3	93	455	149
$200,000 to $499,999	1 574	1 235	3	48	387	616	181
$500,000 to $999,999	243	193	4	53	72	55	9
$1,000,000 or more	51	37	4	11	15	7	–
Owned and rented land by operator:							
Land owned ..... farms	6 824	2 953	10	119	608	1 549	667
..... acres	1 412 848	894 200	13 368	75 330	245 898	421 571	138 033
Land rented or leased from others ..... farms	3 249	1 991	9	93	426	1 063	400
..... acres	386 735	304 322	2 624	24 464	82 625	152 114	42 495
Land rented or leased to others ..... farms	531	159	–	17	33	73	36
..... acres	46 643	19 346	–	3 330	4 050	10 021	1 945
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms	7 095	3 117	11	121	625	1 653	707
..... acres	861 662	641 237	8 530	56 672	185 177	302 665	88 193
Harvested cropland ..... farms	6 582	3 069	10	119	618	1 639	683
..... acres	580 792	455 903	7 522	44 321	139 855	208 540	55 665
Farms by acres harvested:							
1 to 49 acres	3 021	323	–	2	11	122	188
50 to 99 acres	1 423	828	–	–	33	482	313
100 to 199 acres	1 388	1 206	–	8	243	813	142
200 to 499 acres	696	658	5	84	312	217	40
500 to 999 acres	51	51	2	25	19	5	–
1,000 to 1,999 acres	2	2	2	–	–	–	–
2,000 acres or more	1	1	1	–	–	–	–
Cropland:							
Pasture or grazing only ..... farms	4 791	2 242	7	89	427	1 208	511
..... acres	254 001	173 085	1 008	10 951	41 402	89 415	30 309
Cover crops, legumes, and soil-improvement grasses not harvested or pastured ..... farms	295	124	–	8	25	62	29
..... acres	5 424	2 847	–	288	702	1 233	624
On which all crops failed ..... farms	111	59	–	2	23	28	6
..... acres	1 828	1 467	–	(D)	(D)	597	130
In cultivated summer fallow ..... farms	110	47	–	2	8	28	9
..... acres	1 992	1 562	–	(D)	(D)	619	149
Idle ..... farms	618	200	–	9	48	97	46
..... acres	17 625	6 373	–	852	1 944	2 261	1 316
Total woodland ..... farms	5 522	2 652	11	105	540	1 405	591
..... acres	700 381	411 535	5 925	30 347	102 539	200 320	72 404
Woodland pastured ..... farms	2 310	1 440	3	54	281	769	333
..... acres	168 958	117 746	506	7 499	30 104	57 081	22 556
Woodland not pastured ..... farms	4 541	2 071	9	91	420	1 103	448
..... acres	531 423	293 789	5 419	22 848	72 435	143 239	49 848
Pastureland and rangeland other than cropland and woodland pastured ..... farms	1 646	931	3	36	245	475	172
..... acres	116 787	85 150	935	5 113	26 468	41 090	11 544
Land in house lots, ponds, roads, wasteland, etc. ..... farms	4 228	1 859	9	88	394	969	399
..... acres	74 110	41 254	602	4 332	10 289	19 589	6 442
Pastureland, all types ..... farms	6 137	2 907	9	115	584	1 546	653
..... acres	539 746	375 981	2 449	23 563	97 974	187 586	64 409
Irrigated land ..... farms	109	59	1	4	15	17	22
..... acres	1 595	1 409	(D)	(D)	349	289	(D)
Harvested cropland irrigated ..... farms	95	47	1	4	14	14	14
..... acres	1 313	1 152	(D)	(D)	(D)	235	109
Pastureland irrigated ..... farms	13	11	–	–	2	2	7
..... acres	259	248	–	–	(D)	(D)	182
Other land irrigated ..... farms	5	2	–	–	–	1	1
..... acres	23	(D)	–	–	–	(D)	(D)
Land set aside in the federal farm programs in 1978 ..... farms	113	95	1	3	29	49	13
..... acres	1 889	1 405	(D)	(D)	650	559	115
RACE AND TENURE OF OPERATOR							
All operators ..... number	7 273	3 162	11	124	632	1 670	725
Full owners ..... number	4 033	1 175	2	31	207	609	326
Part owners ..... number	2 785	1 774	8	88	400	938	340
Tenants ..... number	455	213	1	5	25	123	59
White ..... number	7 250	3 153	11	124	629	1 666	723
Full owners ..... number	4 019	1 167	2	31	204	606	324
Part owners ..... number	2 776	1 773	8	88	400	937	340
Tenants ..... number	455	213	1	5	25	123	59
Black and other races ..... number	23	9	–	–	3	4	2
Full owners ..... number	14	8	–	–	3	3	2
Part owners ..... number	9	1	–	–	–	1	–
Tenants ..... number	–	–	–	–	–	–	–

See footnote at end of table.

Table 34. Summary by Value of Agricultural Products Sold: 1978—Con.

	Farms with sales of less than $20,000					Abnormal farms (see text)
	Total	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	
FARMS AND LAND IN FARMS						
Farms ..... number	4 096	476	455	742	2 423	15
..... percent	56.3	6.5	6.2	10.2	33.3	0.2
Land in farms ..... acres	566 214	110 346	83 885	106 278	265 705	7 550
Average size of farm ..... acres	138	232	184	143	110	503
Value of land and buildings[1] ..... farms	4 078	473	453	751	2 401	15
..... $1,000	417 953	71 387	54 949	77 129	214 487	12 318
Average per farm ..... dollars	102 489	150 923	121 300	102 702	89 332	821 231
Average per acre ..... dollars	749	623	679	723	840	1 631
Farms by value of land and buildings:						
$1 to $19,999	168	17	20	11	120	–
$20,000 to $39,999	660	47	32	74	507	1
$40,000 to $69,999	948	69	90	250	539	1
$70,000 to $99,999	802	95	97	120	490	–
$100,000 to $149,999	639	101	85	149	304	1
$150,000 to $199,999	469	49	64	83	273	1
$200,000 to $499,999	334	78	57	55	144	5
$500,000 to $999,999	47	12	7	7	21	3
$1,000,000 or more	11	5	1	2	3	3
Owned and rented land by operator:						
Land owned ..... farms	3 856	434	420	704	2 298	15
..... acres	511 506	91 404	72 077	90 599	257 426	7 142
Land rented or leased from others ..... farms	1 253	196	179	304	574	5
..... acres	82 005	21 247	16 194	18 281	26 283	408
Land rented or leased to others ..... farms	372	41	60	50	221	–
..... acres	27 297	2 305	4 386	2 602	18 004	–
LAND IN FARMS ACCORDING TO USE						
Total cropland ..... farms	3 963	458	441	724	2 340	15
..... acres	217 571	50 987	33 537	36 469	96 578	2 854
Harvested cropland ..... farms	3 499	434	408	691	1 966	14
..... acres	123 111	32 279	21 154	22 680	46 998	1 778
Farms by acres harvested:						
1 to 49 acres	2 693	162	225	535	1 771	5
50 to 99 acres	594	156	137	133	168	1
100 to 199 acres	177	91	39	21	26	5
200 to 499 acres	35	25	7	2	1	3
500 to 999 acres	–	–	–	–	–	–
1,000 to 1,999 acres	–	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–
Cropland:						
Pasture or grazing only ..... farms	2 540	300	241	469	1 530	9
..... acres	80 055	16 840	10 227	11 604	41 384	861
Cover crops, legumes, and soil-improvement grasses not harvested or pastured ..... farms	167	17	23	26	101	4
..... acres	(D)	(D)	412	221	1 663	92
On which all crops failed ..... farms	52	8	2	22	20	–
..... acres	361	(D)	(D)	35	252	–
In cultivated summer fallow ..... farms	62	5	10	14	33	1
..... acres	(D)	(D)	57	78	259	(D)
Idle ..... farms	413	42	42	66	263	5
..... acres	11 144	1 601	1 670	1 851	6 022	108
Total woodland ..... farms	2 855	350	337	589	1 579	15
..... acres	284 925	49 444	39 932	59 605	135 944	3 921
Woodland pastured ..... farms	866	175	119	184	388	4
..... acres	50 296	12 561	8 207	12 596	16 932	916
Woodland not pastured ..... farms	2 456	276	299	489	1 392	14
..... acres	234 629	36 883	31 725	47 009	119 012	3 005
Pastureland and rangeland other than cropland and woodland pastured ..... farms	711	89	119	99	404	4
..... acres	31 393	5 900	6 751	4 698	14 044	244
Land in house lots, ponds, roads, wasteland, etc. ..... farms	2 358	239	278	354	1 487	11
..... acres	32 325	4 015	3 665	5 506	19 139	531
Pastureland, all types ..... farms	3 218	389	346	604	1 879	12
..... acres	161 744	35 301	25 185	28 898	72 360	2 021
Irrigated land ..... farms	49	10	8	11	20	1
..... acres	(D)	(D)	40	21	55	(D)
Harvested cropland irrigated ..... farms	48	10	8	11	19	–
..... acres	161	57	30	21	53	–
Pastureland irrigated ..... farms	2	–	1	–	1	–
..... acres	(D)	–	(D)	–	(D)	–
Other land irrigated ..... farms	2	1	–	–	1	1
..... acres	(D)	(D)	–	–	(D)	(D)
Land set aside in the federal farm programs in 1978 ..... farms	18	2	5	3	8	–
..... acres	484	(D)	50	126	181	–
RACE AND TENURE OF OPERATOR						
All operators ..... number	4 096	476	455	742	2 423	15
Full owners ..... number	2 848	282	276	438	1 852	10
Part owners ..... number	1 006	152	144	265	445	5
Tenants ..... number	242	42	35	39	126	–
White ..... number	4 082	475	453	741	2 413	15
Full owners ..... number	2 842	281	274	437	1 850	10
Part owners ..... number	998	152	144	265	437	5
Tenants ..... number	242	42	35	39	126	–
Black and other races ..... number	14	1	2	1	10	–
Full owners ..... number	6	1	2	1	2	–
Part owners ..... number	8	–	–	–	8	–
Tenants ..... number	–	–	–	–	–	–

See footnote at end of table.

Table 34. **Summary by Value of Agricultural Products Sold: 1978**—Con.

	All farms	Farms with sales of $20,000 or more					
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
FARMS BY TYPE OF ORGANIZATION							
Individual or family ... forms	6 572	2 701	6	84	494	1 461	656
acres	1 478 116	958 822	11 045	62 544	245 424	480 322	159 487
Partnership ... forms	511	342	–	22	101	163	56
acres	188 748	157 697	–	(D)	58 904	65 287	(D)
Corporations:							
Family held ... forms	125	90	5	16	28	33	8
acres	59 679	49 222	4 947	13 131	16 171	12 821	2 152
More than 10 stockholders ... forms	4	3	–	–	2	1	–
10 or less stockholders ... forms	121	87	5	16	26	32	8
Other than family held ... forms	20	19	–	2	5	10	2
acres	(D)	(D)	–	(D)	2 374	3 704	(D)
More than 10 stockholders ... forms	1	1	–	–	1	–	–
10 or less stockholders ... forms	19	18	–	2	4	10	2
Other—cooperative, estate or trust, etc. ... forms	45	10	–	–	4	3	3
acres	(D)	(D)	–	–	1 600	1 530	(D)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	6 371	2 843	8	118	567	1 502	648
Not on farm operated	491	145	2	3	24	72	44
Operators by age group:							
Under 25 years	159	71	1	2	6	40	22
25 to 34 years	1 164	494	–	14	94	297	89
35 to 44 years	1 760	759	3	35	170	425	126
45 to 54 years	1 782	894	2	34	204	451	203
55 to 64 years	1 398	677	2	32	131	321	191
65 years and over	1 010	267	3	7	27	136	94
Average age	48.3	47.4	52.4	48.0	46.8	46.4	50.0
Operators by sex:							
Male	6 681	3 052	11	122	615	1 617	687
Female	592	110	–	2	17	53	38
Operators of Spanish origin	35	9	–	–	2	5	2
Operators by principal occupation:							
Farming	4 571	2 976	10	121	609	1 590	646
Other	2 702	186	1	3	23	80	79
Operators reporting days of work off farm:							
None	3 480	2 341	11	90	487	1 269	484
1 to 99 days	770	383	–	20	78	190	95
100 to 199 days	673	92	–	4	15	44	29
200 days or more	2 099	213	–	3	32	98	80
FARMS BY SIZE							
1 to 9 acres	316	34	–	–	4	18	12
10 to 49 acres	864	60	–	2	12	22	24
50 to 69 acres	362	42	–	–	2	10	30
70 to 99 acres	581	55	–	–	–	24	31
100 to 139 acres	897	157	–	2	4	66	85
140 to 179 acres	658	188	–	1	5	103	79
180 to 219 acres	579	290	–	1	13	186	90
220 to 259 acres	525	345	–	2	28	206	109
260 to 499 acres	1 684	1 303	1	17	284	776	225
500 to 999 acres	685	593	5	68	245	238	37
1,000 to 1,999 acres	113	88	4	30	32	21	1
2,000 acres or more	9	7	1	1	3	–	2
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	13	–	–	–	–	–	–
Field crop, except cash grain farms (013)	1 035	43	–	–	6	11	26
Cotton farms (0131)	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	1 035	43	–	–	6	11	26
Vegetable and melon farms (016)	102	14	–	–	–	6	8
Fruit and tree nut farms (017)	167	45	2	6	7	21	9
Horticultural specialty farms (018)	165	30	–	–	4	13	13
General farms, primarily crop (019)	301	2	–	–	–	–	2
Livestock farms, except dairy, poultry, and animal specialty (021)	1 659	92	1	1	16	37	37
Beef cattle farms, except feedlots (0212)	1 088	81	1	1	15	30	34
Dairy farms (024)	3 205	2 886	7	112	587	1 566	614
Poultry and egg farms (025)	84	22	1	5	8	4	4
Animal specialty farms (027)	323	9	–	–	–	2	7
General farms, primarily livestock (029)	219	19	–	–	4	10	5
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold ... forms	7 273	3 162	11	124	632	1 670	725
$1,000	274 318	258 564	10 607	34 678	83 482	108 161	21 636
Farms by value of agricultural products sold:							
$500,000 or more	11	11	11	–	–	–	–
$200,000 to $499,999	124	124	–	124	–	–	–
$100,000 to $199,999	635	632	–	–	632	–	–
$40,000 to $99,999	1 675	1 670	–	–	–	1 670	–
$20,000 to $39,999	725	725	–	–	–	–	725
$10,000 to $19,999	477	–	–	–	–	–	–
$5,000 to $9,999	456	–	–	–	–	–	–
$2,500 to $4,999	744	–	–	–	–	–	–
Less than $2,500	2 426	–	–	–	–	–	–

See footnote at end of table.

Table 34. **Summary by Value of Agricultural Products Sold: 1978**—Con.

	Farms with sales of less than $20,000					Abnormal farms (see text)
	Total	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	
FARMS BY TYPE OF ORGANIZATION						
Individual or family ... farms	3 871	431	420	687	2 333	–
acres	519 294	97 577	75 674	96 833	249 210	–
Partnership ... farms	169	30	22	47	70	–
acres	31 051	7 698	4 165	7 293	11 895	–
Corporations:						
Family held ... farms	35	11	9	8	7	–
acres	10 457	4 147	2 921	2 152	1 237	–
More than 10 stockholders ... farms	1	–	–	–	1	–
10 or less stockholders ... farms	34	11	9	8	6	–
Other than family held ... farms	1	–	1	–	–	–
acres	(D)	–	(D)	–	–	–
More than 10 stockholders ... farms	–	–	–	–	–	–
10 or less stockholders ... farms	1	–	1	–	–	–
Other—cooperative, estate or trust, etc. ... farms	20	4	3	–	13	15
acres	(D)	(D)	(D)	–	3 363	7 550
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	3 520	384	375	612	2 149	8
Not on farm operated	339	48	49	78	164	7
Operators by age group:						
Under 25 years	88	11	14	16	47	–
25 to 34 years	665	57	69	198	341	5
35 to 44 years	997	95	83	104	715	4
45 to 54 years	886	100	104	161	521	2
55 to 64 years	717	121	98	120	378	4
65 years and over	743	92	87	143	421	–
Average age	49.1	51.3	50.4	48.0	48.8	43.3
Operators by sex:						
Male	3 614	442	419	680	2 073	15
Female	482	34	36	62	350	–
Operators of Spanish origin	26	8	1	2	15	–
Operators by principal occupation:						
Farming	1 588	352	225	350	661	7
Other	2 508	124	230	392	1 762	8
Operators reporting days of work off farm:						
None	1 131	238	143	165	585	8
1 to 99 days	385	73	66	59	187	2
100 to 199 days	580	27	74	193	286	1
200 days or more	1 882	113	157	279	1 333	4
FARMS BY SIZE						
1 to 9 acres	282	25	19	33	205	–
10 to 49 acres	802	23	57	101	621	2
50 to 69 acres	320	14	31	46	229	–
70 to 99 acres	525	33	44	62	386	1
100 to 139 acres	740	71	62	233	374	–
140 to 179 acres	468	76	51	88	253	2
180 to 219 acres	289	55	47	52	135	–
220 to 259 acres	180	29	46	36	69	–
260 to 499 acres	377	111	81	76	109	4
500 to 999 acres	88	29	13	13	33	4
1,000 to 1,999 acres	23	10	4	2	7	2
2,000 acres or more	2	–	–	–	2	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)						
Cash grain farms (011)	13	5	3	1	4	–
Field crop, except cash grain farms (013)	990	90	156	182	562	2
Cotton farms (0131)	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	990	90	156	182	562	2
Vegetable and melon farms (016)	88	8	15	25	40	–
Fruit and tree nut farms (017)	121	9	10	21	81	1
Horticultural specialty farms (018)	134	22	27	25	60	1
General farms, primarily crop (019)	299	4	5	3	287	–
Livestock farms, except dairy, poultry, and animal specialty (021)	1 564	97	153	292	1 022	3
Beef cattle farms, except feedlots (0212)	1 005	86	104	223	592	2
Dairy farms (024)	312	224	58	17	13	7
Poultry and egg farms (025)	62	5	8	5	44	–
Animal specialty farms (027)	313	7	17	45	244	1
General farms, primarily livestock (029)	200	5	3	126	66	–
VALUE OF AGRICULTURAL PRODUCTS SOLD						
Market value of agricultural products sold ... farms	4 096	476	455	742	2 423	15
$1,000	14 924	6 877	3 275	2 593	2 179	830
Farms by value of agricultural products sold:						
$500,000 or more	–	–	–	–	–	–
$200,000 to $499,999	–	–	–	–	–	–
$100,000 to $199,999	–	–	–	–	–	3
$40,000 to $99,999	–	–	–	–	–	5
$20,000 to $39,999	–	–	–	–	–	–
$10,000 to $19,999	476	476	–	–	–	1
$5,000 to $9,999	455	–	455	–	–	1
$2,500 to $4,999	742	–	–	742	–	2
Less than $2,500	2 423	–	–	–	2 423	3

See footnote at end of table.

Table 34. **Summary by Value of Agricultural Products Sold: 1978**—Con.

	All farms	Farms with sales of $20,000 or more: Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
VALUE OF PRODUCTS SOLD—Con.							
Market value of agricultural products sold—Con.							
Grain ... farms	64	36	–	2	10	17	7
$1,000	276	178	–	(D)	59	65	(D)
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Cotton and cottonseed ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Tobacco ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage ... farms	1 672	307	2	11	68	153	73
$1,000	7 208	3 221	(D)	(D)	982	1 051	803
Sales of $40,000 or more ... farms	18	18	1	2	9	6	–
$1,000	1 219	1 219	(D)	(D)	642	314	–
Vegetables, sweet corn, and melons ... farms	282	68	–	5	14	33	16
$1,000	1 164	803	–	189	34	371	210
Sales of $40,000 or more ... farms	6	6	–	1	–	5	–
$1,000	431	431	–	(D)	–	(D)	–
Fruits, nuts, and berries ... farms	222	70	2	8	12	31	17
$1,000	6 109	5 739	(D)	(D)	1 046	1 392	247
Sales of $40,000 or more ... farms	38	38	2	6	9	21	–
$1,000	5 427	5 427	(D)	(D)	1 045	1 346	–
Nursery and greenhouse products ... farms	208	40	–	1	6	14	19
$1,000	2 269	1 615	–	(D)	427	770	(D)
Sales of $40,000 or more ... farms	17	17	–	–	4	13	–
$1,000	1 189	1 189	–	–	423	767	–
Other crops ... farms	84	21	–	–	3	10	8
$1,000	449	410	–	–	311	76	23
Sales of $40,000 or more ... farms	4	4	–	–	3	1	–
$1,000	356	356	–	–	(D)	(D)	–
Poultry and poultry products ... farms	466	116	1	8	19	43	45
$1,000	6 263	(D)	(D)	1 550	1 089	290	(D)
Sales of $40,000 or more ... farms	19	19	1	5	9	4	–
$1,000	5 882	5 882	(D)	(D)	1 079	263	–
Dairy products ... farms	3 363	2 946	8	112	599	1 597	630
$1,000	219 321	215 091	4 863	28 070	70 965	94 204	16 989
Sales of $40,000 or more ... farms	2 172	2 165	8	112	598	1 447	–
$1,000	193 561	192 919	4 863	28 070	70 932	89 054	–
Cattle and calves ... farms	4 862	3 021	8	114	614	1 618	667
$1,000	29 078	24 773	1 158	2 971	8 488	9 719	2 437
Sales of $40,000 or more ... farms	66	66	8	12	29	17	–
$1,000	5 596	5 596	1 158	1 065	2 353	1 021	–
Hogs and pigs ... farms	576	90	1	5	14	43	27
$1,000	536	(D)	(D)	16	19	76	(D)
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Sheep, lambs, and wool ... farms	469	59	1	–	10	35	13
$1,000	336	(D)	(D)	–	9	10	(D)
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ... farms	875	102	–	3	15	42	42
$1,000	1 309	(D)	–	(D)	(D)	139	267
Sales of $40,000 or more ... farms	3	2	–	–	1	1	–
$1,000	165	(D)	–	–	(D)	(D)	–
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased ... farms	3 492	1 548	7	84	350	818	289
$1,000	16 104	13 706	1 437	2 135	3 888	4 917	1 330
Farms with expenses of—							
$1 to $4,999	2 719	850	–	23	149	475	203
$5,000 to $19,999	600	535	1	29	131	311	63
$20,000 to $49,999	142	133	1	22	60	27	23
$50,000 or more	31	30	5	10	10	5	–
Feed for livestock and poultry ... farms	6 232	3 063	9	118	617	1 628	691
$1,000	85 682	81 469	3 371	10 826	25 893	34 313	7 066
Farms with expenses of—							
$1 to $4,999	3 070	91	–	–	7	30	54
$5,000 to $19,999	1 543	1 361	–	–	13	723	625
$20,000 to $49,999	1 347	1 341	–	11	449	869	12
$50,000 or more	272	270	9	107	148	6	–
Commercially mixed formula feeds ... farms	4 982	3 005	7	115	599	1 607	677
tons	455 588	439 539	18 630	58 531	135 444	191 461	35 473
$1,000	67 258	64 869	2 895	8 840	20 268	27 681	5 186
Farms by tons purchased:							
1 to 99 tons	3 338	1 367	–	2	66	660	639
100 to 499 tons	1 564	1 558	–	61	518	941	38
500 tons or more	80	80	7	52	15	6	–
Farms with expenses of—							
$1 to $4,999	2 116	228	–	–	14	76	138
$5,000 to $19,999	1 690	1 604	–	4	73	995	532
$20,000 to $49,999	1 001	1 000	–	18	445	530	7
$50,000 or more	175	173	7	93	67	6	–

See footnote at end of table.

Table 34. **Summary by Value of Agricultural Products Sold: 1978**—Con.

		Forms with sales of less than $20,000					Abnormal forms (see text)
		Total	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	
VALUE OF PRODUCTS SOLD—Con.							
Market value of agricultural products sold—Con.							
Grain	farms	27	13	6	2	6	1
	$1,000	(D)	68	24	(D)	3	(D)
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Commodity Credit Corporation loans	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Cotton and cottonseed	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Commodity Credit Corporation loans	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Tobacco	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Field seeds, hay, forage, and silage	farms	1 362	158	206	365	633	3
	$1,000	3 982	1 334	1 095	816	736	5
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Vegetables, sweet corn, and melons	farms	211	20	40	47	104	3
	$1,000	350	109	103	83	55	11
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Fruits, nuts, and berries	farms	149	23	20	32	74	3
	$1,000	363	171	81	70	41	7
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Nursery and greenhouse products	farms	166	25	41	34	66	2
	$1,000	(D)	290	182	(D)	94	(D)
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Other crops	farms	62	9	12	13	28	1
	$1,000	(D)	8	10	(D)	8	(D)
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Poultry and poultry products	farms	348	39	34	73	202	2
	$1,000	195	81	51	29	35	(D)
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Dairy products	farms	410	244	76	34	56	7
	$1,000	3 589	3 064	436	63	25	641
Sales of $40,000 or more	farms	–	–	–	–	–	7
	$1,000	–	–	–	–	–	641
Cattle and calves	farms	1 831	351	264	461	755	10
	$1,000	4 235	1 522	954	1 060	699	70
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Hogs and pigs	farms	484	32	37	69	346	2
	$1,000	322	75	47	64	135	(D)
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Sheep, lambs, and wool	farms	408	14	50	51	293	2
	$1,000	307	33	144	53	78	(D)
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Other livestock and livestock products (see text)	farms	772	30	52	221	469	1
	$1,000	791	121	149	250	270	(D)
Sales of $40,000 or more	farms	–	–	–	–	–	1
	$1,000	–	–	–	–	–	(D)
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased	farms	1 937	242	213	471	1 011	7
	$1,000	2 253	808	377	472	595	145
Farms with expenses of—							
$1 to $4,999		1 864	202	200	468	994	5
$5,000 to $19,999		64	39	13	3	9	1
$20,000 to $49,999		9	1	–	–	8	–
$50,000 or more		–	–	–	–	–	1
Feed for livestock and poultry	farms	3 158	374	309	604	1 871	11
	$1,000	3 918	1 575	424	604	1 315	295
Farms with expenses of—							
$1 to $4,999		2 977	230	295	595	1 857	2
$5,000 to $19,999		180	143	14	9	14	2
$20,000 to $49,999		1	1	–	–	–	5
$50,000 or more		–	–	–	–	–	2
Commercially mixed formula feeds	farms	1 967	307	160	410	1 090	10
	tons	14 365	7 448	1 308	2 149	3 459	1 684
	$1,000	2 169	1 050	199	339	581	219
Farms by tons purchased:							
1 to 99 tons		1 967	307	160	410	1 090	4
100 to 499 tons		–	–	–	–	–	6
500 tons or more		–	–	–	–	–	–
Farms with expenses of—							
$1 to $4,999		1 885	238	155	410	1 082	3
$5,000 to $19,999		82	69	5	–	8	4
$20,000 to $49,999		–	–	–	–	–	1
$50,000 or more		–	–	–	–	–	2

See footnote at end of table.

Table 34. **Summary by Value of Agricultural Products Sold: 1978**—Con.

	All farms	Farms with sales of $20,000 or more					
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
SELECTED FARM PRODUCTION EXPENSES[1] — Con.							
Animal health costs ... forms	5 288	2 980	9	118	621	1 607	625
$1,000	3 492	3 100	81	421	1 047	1 296	256
Forms with expenses of—							
$1 to $499	3 252	1 074	–	4	52	594	424
$500 to $999	893	803	–	9	115	524	155
$1,000 to $2,999	975	941	2	39	381	473	46
$3,000 or more	168	162	7	66	73	16	–
Seeds, bulbs, plants, and trees ... forms	3 703	2 450	10	112	579	1 329	420
$1,000	3 354	2 835	39	295	1 033	1 173	294
Forms with expenses of—							
$1 to $999	2 696	1 569	–	13	210	994	352
$1,000 to $4,999	922	807	7	88	346	309	57
$5,000 to $9,999	66	56	3	11	17	19	6
$10,000 or more	19	18	–	–	6	7	5
Commercial fertilizer ... forms	4 756	2 837	10	119	596	1 547	565
$1,000	9 524	8 448	137	1 128	2 971	3 611	602
Forms with expenses of—							
$1 to $2,499	3 539	1 671	–	8	146	982	535
$2,500 to $9,999	1 097	1 046	2	59	399	556	30
$10,000 to $19,999	109	109	7	46	47	9	–
$20,000 or more	11	11	1	6	4	–	–
Other agricultural chemicals including lime ... forms	4 049	2 481	11	117	564	1 333	456
$1,000	2 810	2 376	99	367	769	970	171
Forms with expenses of—							
$1 to $2,499	3 873	2 316	4	76	503	1 285	448
$2,500 to $9,999	155	147	5	34	53	47	8
$10,000 to $19,999	17	14	–	5	8	1	–
$20,000 or more	4	4	2	2	–	–	–
Energy and petroleum products ... forms	7 251	3 180	11	124	632	1 681	732
$1,000	15 542	13 247	287	1 518	3 814	5 928	1 700
Forms with expenses of—							
$1 to $2,499	5 019	1 046	–	1	33	532	480
$2,500 to $9,999	2 061	1 966	2	50	537	1 125	252
$10,000 to $19,999	153	150	3	64	62	21	–
$20,000 or more	18	18	6	9	–	3	–
Petroleum products ... forms	7 239	3 180	11	124	632	1 681	732
$1,000	9 826	8 174	207	998	2 366	3 549	1 053
Gasoline ... forms	7 034	3 071	11	122	610	1 627	701
$1,000	5 342	4 225	113	418	1 047	1 963	683
Diesel fuel ... forms	3 509	2 612	9	115	600	1 441	447
$1,000	2 657	2 432	53	353	855	970	202
LP gas, butane, and propane ... forms	751	478	4	33	121	233	87
$1,000	248	207	12	(D)	68	79	(D)
Fuel oil ... forms	824	608	7	79	183	278	61
$1,000	724	640	15	130	201	240	53
Natural gas ... forms	35	30	–	1	9	14	6
$1,000	10	9	–	(D)	4	4	(D)
Kerosene, motor oil, and grease ... forms	7 239	3 180	11	124	632	1 681	732
$1,000	844	660	14	72	190	294	90
Electricity ... forms	5 184	2 979	8	119	581	1 613	658
$1,000	5 506	4 951	(D)	514	1 427	2 323	(D)
Other—coal, wood, coke, etc. ... forms	473	252	2	14	38	136	62
$1,000	210	123	(D)	6	20	56	(D)
Hired farm labor ... forms	3 866	2 545	11	122	593	1 366	453
$1,000	21 635	19 845	1 040	3 592	6 535	7 549	1 128
Forms with expenses of—							
$1 to $4,999	2 532	1 250	–	7	129	730	384
$5,000 to $19,999	1 152	1 118	2	37	400	611	68
$20,000 to $49,999	150	148	1	61	60	25	1
$50,000 or more	32	29	8	17	4	–	–
Workers by number of days worked:							
150 days or more ... forms	2 102	1 822	11	120	509	1 006	176
workers	4 146	3 753	112	529	1 132	1 695	285
Less than 150 days ... forms	2 936	1 795	9	81	411	926	368
workers	10 229	6 806	130	560	1 535	3 365	1 216
Contract labor ... forms	445	166	2	7	41	92	24
$1,000	659	500	(D)	(D)	66	240	52
Forms with expenses of—							
$1 to $2,499	374	106	1	1	31	55	18
$2,500 to $9,999	66	55	–	2	10	37	6
$10,000 to $19,999	3	3	–	3	–	–	–
$20,000 or more	2	2	1	1	–	–	–
Customwork, machine hire, and rental of machinery and equipment ... forms	1 711	1 153	6	48	275	638	186
$1,000	1 296	1 052	39	83	339	515	77
Forms with expenses of—							
$1 to $2,499	1 610	1 065	2	37	240	600	186
$2,500 to $9,999	95	82	2	10	33	37	–
$10,000 to $19,999	6	6	2	1	2	1	–
$20,000 or more	–	–	–	–	–	–	–
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services ... forms	437	202	2	13	35	113	39
$1,000	431	217	(D)	(D)	46	88	65
Value of agricultural products sold directly to individuals for human consumption ... forms	732	209	1	8	34	110	56
$1,000	1 928	1 233	(D)	(D)	229	586	337

See footnote at end of table.

Table 34. **Summary by Value of Agricultural Products Sold: 1978**—Con.

	Farms with sales of less than $20,000					Abnormal farms (see text)
	Total	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	
SELECTED FARM PRODUCTION EXPENSES[1]—Con.						
Animal health costs ..... farms	2 297	318	257	484	1 238	11
$1,000	372	89	51	76	156	21
Farms with expenses of—						
$1 to $499	2 176	266	239	466	1 205	2
$500 to $999	86	46	12	12	16	4
$1,000 to $2,999	30	6	6	1	17	4
$3,000 or more	5	–	–	5	–	1
Seeds, bulbs, plants, and trees ..... farms	1 241	224	174	295	548	12
$1,000	511	189	80	46	197	8
Farms with expenses of—						
$1 to $999	1 117	179	132	292	514	10
$1,000 to $4,999	113	34	42	3	34	2
$5,000 to $9,999	10	10	–	–	–	–
$10,000 or more	1	1	–	–	–	–
Commercial fertilizer ..... farms	1 908	300	313	353	942	11
$1,000	1 041	283	217	190	350	35
Farms with expenses of—						
$1 to $2,499	1 863	269	305	347	942	5
$2,500 to $9,999	45	31	8	6	–	6
$10,000 to $19,999	–	–	–	–	–	–
$20,000 or ..... farms	–	–	–	–	–	–
Other agricultural chemicals including lime	1 556	196	242	362	756	12
$1,000	426	108	58	90	170	7
Farms with expenses of—						
$1 to $2,499	1 546	191	242	357	756	11
$2,500 to $9,999	7	2	–	5	–	1
$10,000 to $19,999	3	3	–	–	–	–
$20,000 or more	–	–	–	–	–	–
Energy and petroleum products ..... farms	4 056	463	453	750	2 390	15
$1,000	2 216	728	400	437	651	78
Farms with expenses of—						
$1 to $2,499	3 966	387	440	749	2 390	7
$2,500 to $9,999	90	76	13	1	–	5
$10,000 to $19,999	–	–	–	–	–	3
$20,000 or more	–	–	–	–	–	–
Petroleum products ..... farms	4 044	463	453	738	2 390	15
$1,000	1 601	494	304	326	477	51
Gasoline ..... farms	3 949	456	431	732	2 330	14
$1,000	1 098	317	207	231	343	19
Diesel fuel ..... farms	886	175	197	182	332	11
$1,000	215	81	42	43	48	10
LP gas, butane, and propane ..... farms	270	57	23	152	38	3
$1,000	40	16	(D)	(D)	8	1
Fuel oil ..... farms	208	54	52	38	64	8
$1,000	66	30	20	8	8	18
Natural gas ..... farms	5	3	1	1	–	–
$1,000	1	(Z)	(D)	(D)	–	–
Kerosene, motor oil, and grease ..... farms	4 044	463	453	738	2 390	15
$1,000	181	49	31	32	69	3
Electricity ..... farms	2 195	350	304	537	1 004	10
$1,000	528	202	89	93	144	28
Other—coal, wood, coke, etc. ..... farms	221	47	26	58	90	–
$1,000	87	32	7	19	30	–
Hired farm labor ..... farms	1 308	261	218	273	556	13
$1,000	1 477	435	221	230	591	313
Farms with expenses of—						
$1 to $4,999	1 278	237	218	272	551	4
$5,000 to $19,999	29	24	–	–	5	5
$20,000 to $49,999	–	–	–	–	–	2
$50,000 or more	1	–	–	1	–	2
Workers by number of days worked:						
150 days or more ..... farms	272	95	54	27	96	8
workers	360	127	72	33	128	33
Less than 150 days ..... farms	1 132	205	179	251	497	9
workers	3 348	687	592	994	1 075	75
Contract labor ..... farms	278	37	27	135	79	1
$1,000	158	36	22	24	75	(D)
Farms with expenses of—						
$1 to $2,499	267	36	25	135	71	1
$2,500 to $9,999	11	1	2	–	8	–
$10,000 to $19,999	–	–	–	–	–	–
$20,000 or more	–	–	–	–	–	–
Customwork, machine hire, and rental of machinery and equipment ..... farms	556	119	69	91	277	2
$1,000	(D)	(D)	25	50	105	(D)
Farms with expenses of—						
$1 to $2,499	543	119	69	86	269	2
$2,500 to $9,999	13	–	–	5	8	–
$10,000 to $19,999	–	–	–	–	–	–
$20,000 or more	–	–	–	–	–	–
FARM-RELATED INCOME						
Income from machine work, customwork, and other agricultural services ..... farms	235	16	52	47	120	–
$1,000	214	27	62	25	99	–
Value of agricultural products sold directly to individuals for human consumption ..... farms	518	62	87	107	262	5
$1,000	662	190	183	140	150	33

See footnote at end of table.

Table 34. **Summary by Value of Agricultural Products Sold: 1978**—Con.

	All farms	Farms with sales of $20,000 or more					
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ... forms	7 268	3 180	11	124	632	1 681	732
$1,000	225 195	179 486	1 985	17 609	53 560	84 851	21 481
Farms by value group:							
$1 to $4,999	1 052	21	–	1	2	4	14
$5,000 to $9,999	1 760	83	–	–	3	36	44
$10,000 to $19,999	1 044	310	–	2	13	106	189
$20,000 to $49,999	1 833	1 318	–	6	102	816	394
$50,000 to $99,999	1 059	951	1	30	292	540	88
$100,000 to $199,999	458	435	6	56	197	173	3
$200,000 to $499,999	60	60	4	27	23	6	–
$500,000 or more	2	2	–	2	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ... forms	4 998	2 666	9	110	546	1 417	584
number	6 580	3 710	26	202	826	1 929	727
Motortrucks, including pickups ... forms	5 608	2 728	11	121	571	1 448	577
number	7 849	4 266	74	377	966	2 093	756
Wheel tractors ... forms	6 537	3 103	11	123	614	1 641	714
number	16 322	10 569	102	720	2 549	5 292	1 906
2 or 3 ... forms	3 069	1 727	–	5	201	991	530
number	7 685	4 647	–	15	584	2 673	1 375
4 or more ... forms	1 366	1 181	11	113	398	560	99
number	6 535	5 727	102	700	1 950	2 529	446
Grain and bean combines, self-propelled only ... forms	152	112	–	9	31	59	13
number	170	126	–	9	37	67	13
Cornpickers, corn heads, and picker-shellers ... forms	490	401	3	23	104	223	48
number	579	478	3	25	124	255	71
Corn heads for combines ... forms	356	290	2	13	62	172	41
number	375	304	(D)	(D)	65	176	47
Other cornpickers and picker-shellers ... forms	181	154	1	11	56	69	17
number	204	174	(D)	(D)	59	79	24
Cottonpickers ... forms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ... forms	3 711	2 540	6	112	563	1 393	466
number	4 104	2 834	12	147	673	1 486	516
Pickup balers ... forms	4 202	2 581	6	99	528	1 390	558
number	4 434	2 766	9	116	568	1 486	587
Field forage harvesters, shear bar or flywheel type ... forms	2 351	1 940	9	103	492	1 057	279
number	2 798	2 313	15	145	588	1 221	344
AGRICULTURAL CHEMICALS[1]							
Agricultural chemicals, including commercial fertilizer and lime ... forms	5 188	2 947	11	122	613	1 594	607
$1,000	12 334	10 824	236	1 495	3 740	4 581	773
Commercial fertilizer ... forms	4 632	2 796	10	119	596	1 530	541
acres on which used	369 395	324 724	5 734	37 006	102 469	153 065	26 450
Lime ... forms	2 516	1 718	7	88	396	957	270
acres on which used	81 803	69 026	1 301	10 114	22 861	29 678	5 072
tons	133 783	114 898	2 635	17 046	38 989	47 752	8 476
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops ... forms	1 147	552	2	38	142	292	78
acres on which used	38 295	31 425	(D)	(D)	9 484	13 948	1 325
Nematodes in crops ... forms	130	96	1	11	29	40	15
acres on which used	7 369	7 060	(D)	(D)	1 946	2 930	282
Diseases in crops and orchards ... forms	386	146	4	11	23	63	45
acres on which used	9 872	7 685	1 520	1 548	1 566	2 314	737
Weeds, grass, or brush in crops and pasture ... forms	2 447	1 787	9	85	444	950	299
acres on which used	89 300	81 304	2 615	10 340	29 690	32 664	5 995
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit ... forms	204	115	1	5	21	69	19
acres on which used	6 774	5 191	(D)	(D)	1 401	2 384	665
Insect control on livestock and poultry ... forms	2 413	1 540	7	79	374	808	272
Sanitation and rodent and bird control ... forms	915	631	5	46	162	308	110
LIVESTOCK							
Cattle and calves inventory ... forms	5 395	2 999	7	114	606	1 607	665
number	326 517	287 959	4 237	32 266	87 498	131 400	32 558
Farms with—							
1 to 9	1 136	18	–	1	1	6	10
10 to 49	1 646	484	–	–	6	111	367
50 to 99	1 566	1 464	–	–	49	1 138	277
100 to 199	847	836	–	12	470	343	11
200 to 499	191	188	1	98	80	9	–
500 or more	9	9	6	3	–	–	–
Cows and heifers that had calved ... forms	4 826	2 949	7	113	599	1 580	650
number	198 315	181 255	3 362	20 827	54 495	82 252	20 319
Beef cows ... forms	1 512	294	–	11	47	131	105
number	10 891	2 312	–	110	526	844	832
Farms with—							
1 to 9	1 161	240	–	9	34	112	85
10 to 49	333	45	–	1	10	17	17
50 to 99	14	8	–	1	3	1	3
100 to 199	3	–	–	–	–	–	–
200 to 499	1	1	–	–	–	1	–
500 or more	–	–	–	–	–	–	–

See footnote at end of table.

Table 34. Summary by Value of Agricultural Products Sold: 1978—Con.

	Farms with sales of less than $20,000					Abnormal farms (see text)
	Total	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ... farms	4 073	473	453	751	2 396	15
$1,000	44 859	9 547	8 282	8 917	18 112	850
Farms by value group:						
$1 to $4,999	1 031	43	42	278	668	–
$5,000 to $9,999	1 676	116	95	167	1 298	1
$10,000 to $19,999	733	120	189	141	283	1
$20,000 to $49,999	508	137	104	144	123	7
$50,000 to $99,999	105	54	9	18	24	3
$100,000 to $199,999	20	3	14	3	–	3
$200,000 to $499,999	–	–	–	–	–	–
$500,000 or more	–	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]						
Automobiles ... farms	2 329	338	296	313	1 382	3
number	2 867	454	380	397	1 636	3
Motortrucks, including pickups ... farms	2 867	325	319	566	1 657	13
number	3 551	458	450	681	1 962	32
Wheel tractors ... farms	3 419	439	420	655	1 905	15
number	5 702	1 041	842	958	2 861	51
2 or 3 ... farms	1 338	230	221	220	667	4
number	3 026	547	499	496	1 484	12
4 or more ... farms	177	83	42	9	43	8
number	772	368	186	36	182	36
Grain and bean combines, self-propelled only ... farms	40	15	2	20	3	–
number	44	18	(D)	20	4	–
Cornpickers, corn heads, and picker-shellers ... farms	88	45	14	8	21	1
number	(D)	(D)	14	8	21	(D)
Corn heads for combines ... farms	65	35	13	2	15	1
number	(D)	40	13	(D)	15	(D)
Other cornpickers and picker-shellers ... farms	27	14	1	6	6	–
number	30	(D)	(D)	6	6	–
Cottonpickers ... farms	–	–	–	–	–	–
number	–	–	–	–	–	–
Mower conditioners ... farms	1 161	213	223	372	353	10
number	1 260	263	230	398	369	10
Pickup balers ... farms	1 611	259	257	321	774	10
number	1 658	280	259	331	788	10
Field forage harvesters, shear bar or flywheel type ... farms	402	124	59	72	147	9
number	474	167	64	85	158	11
AGRICULTURAL CHEMICALS[1]						
Agricultural chemicals, including commercial fertilizer and lime ... farms	2 229	319	332	490	1 088	12
$1,000	1 467	391	275	281	520	42
Commercial fertilizer ... farms	1 825	290	308	342	885	11
acres on which used	43 061	12 391	10 009	8 240	12 421	1 610
Lime ... farms	792	136	156	140	360	6
acres on which used	12 639	2 451	3 052	2 738	4 398	138
tons	18 525	3 999	4 516	3 878	6 132	360
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops ... farms	594	43	40	187	324	1
acres on which used	(D)	(D)	446	1 379	3 932	(D)
Nematodes in crops ... farms	34	8	4	–	22	–
acres on which used	309	134	12	–	163	–
Diseases in crops and orchards ... farms	236	31	34	45	126	4
acres on which used	2 163	583	400	474	706	24
Weeds, grass, or brush in crops and pasture ... farms	649	108	140	139	262	11
acres on which used	7 549	2 359	1 311	1 550	2 329	447
Chemicals for—						
Defoliation or for growth control of crops, or thinning of fruit ... farms	88	13	16	22	37	1
acres on which used	(D)	(D)	120	572	373	(D)
Insect control on livestock and poultry ... farms	865	89	115	238	423	8
Sanitation and rodent and bird control ... farms	279	42	48	30	159	5
LIVESTOCK						
Cattle and calves inventory ... farms	2 386	336	265	489	1 296	10
number	37 437	11 278	6 465	7 568	12 126	1 121
Farms with—						
1 to 9	1 117	31	58	217	811	1
10 to 49	1 161	241	178	263	479	1
50 to 99	99	60	25	8	6	3
100 to 199	7	3	4	–	–	4
200 to 499	2	1	–	1	–	1
500 or more	–	–	–	–	–	–
Cows and heifers that had calved ... farms	1 868	302	217	310	1 039	9
number	16 472	6 250	2 629	2 775	4 818	588
Beef cows ... farms	1 216	72	147	252	745	2
number	(D)	(D)	1 556	2 357	3 644	(D)
Farms with—						
1 to 9	920	44	81	151	644	1
10 to 49	288	25	65	100	98	–
50 to 99	6	2	1	–	3	–
100 to 199	2	1	–	1	–	1
200 to 499	–	–	–	–	–	–
500 or more	–	–	–	–	–	–

See footnote at end of table.

Table 34. **Summary by Value of Agricultural Products Sold: 1978**—Con.

	All forms	Farms with sales of $20,000 or more					
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
LIVESTOCK—Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows ..... forms	3 919	2 911	7	112	593	1 574	625
number	187 424	178 943	3 362	20 717	53 969	81 408	19 487
Forms with—							
1 to 4	632	4	–	–	1	2	1
5 to 9	82	1	–	–	–	–	1
10 to 49	1 605	1 322	–	–	7	732	583
50 to 99	1 248	1 233	–	–	377	816	40
100 to 199	304	303	–	72	207	24	–
200 to 499	45	45	4	40	1	–	–
500 or more	3	3	3	–	–	–	–
Heifers and heifer calves ..... forms	4 535	2 814	7	98	566	1 525	618
number	113 526	98 495	831	10 576	30 992	45 175	10 921
Steers, steer calves, bulls, and bull calves ..... forms	3 111	1 626	6	81	364	838	337
number	14 676	8 209	44	863	2 011	3 973	1 318
Cattle and calves sold ..... forms	4 862	3 021	8	114	614	1 618	667
number	161 875	143 551	3 766	16 277	46 223	61 901	15 384
$1,000	29 078	24 773	1 158	2 971	8 488	9 719	2 437
Calves ..... forms	4 040	2 866	8	111	590	1 547	610
number	109 829	100 440	1 867	11 573	32 579	44 015	10 406
$1,000	7 065	6 158	80	798	2 412	2 287	580
Cattle ..... forms	4 129	2 711	8	104	563	1 464	572
number	52 046	43 111	1 899	4 704	13 644	17 886	4 978
$1,000	22 013	18 615	1 077	2 173	6 077	7 432	1 856
Fattened on grain and concentrates ..... forms	400	89	–	3	23	38	25
number	3 405	2 153	–	152	912	906	183
$1,000	1 357	898	–	69	361	400	67
Hogs and pigs inventory ..... forms	1 072	276	1	15	53	127	80
number	7 871	2 008	(D)	(D)	246	760	675
Farms with—							
1 to 9	944	247	–	12	50	112	73
10 to 49	102	22	1	1	3	13	4
50 to 99	10	2	–	–	–	–	2
100 to 199	14	4	–	2	–	2	–
200 to 499	2	1	–	–	–	–	1
500 or more	–	–	–	–	–	–	–
Used or to be used for breeding ..... forms	503	84	–	4	14	36	30
number	2 049	412	–	35	70	125	182
Other ..... forms	846	252	1	13	50	118	70
number	5 822	(D)	(D)	280	176	635	493
Hogs and pigs sold ..... forms	576	90	1	5	14	43	27
number	11 077	(D)	(D)	274	361	1 299	1 531
$1,000	536	(D)	(D)	16	19	76	73
Feeder pigs sold ..... forms	278	35	–	–	5	14	16
number	5 957	(D)	–	–	(D)	400	1 163
$1,000	171	(D)	–	–	(D)	9	39
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... forms	527	87	–	4	15	37	31
number	1 727	435	–	26	60	152	197
Dec. 1 and May 31 ..... forms	423	74	–	2	12	32	28
number	1 037	(D)	–	(D)	38	89	114
June 1 and Nov. 30 ..... forms	230	51	–	3	10	25	13
number	690	(D)	–	(D)	22	63	83
Sheep and lambs of all ages inventory ..... forms	545	82	1	–	17	46	18
number	9 002	883	(D)	–	208	412	(D)
Ewes 1 year old or older ..... forms	478	60	–	–	11	34	15
number	6 177	556	–	–	141	259	156
Sheep and lambs sold ..... forms	280	47	1	–	5	29	12
number	5 695	(D)	(D)	–	199	208	126
Sheep and lambs shorn ..... forms	452	57	–	–	10	34	13
number	7 475	(D)	–	–	228	304	(D)
pounds of wool	55 008	(D)	–	–	1 936	2 547	(D)
Horses and ponies inventory ..... forms	1 994	583	3	31	118	292	139
number	8 455	2 427	5	198	793	951	480
Horses and ponies sold ..... forms	602	69	–	1	9	27	32
number	1 637	(D)	–	(D)	116	51	83
$1,000	959	(D)	–	(D)	51	43	147
Goats inventory ..... forms	419	11	–	1	2	5	3
number	2 201	(D)	–	(D)	(D)	20	37
Goats sold ..... forms	180	1	–	–	–	1	–
number	1 033	(D)	–	–	–	(D)	–
$1,000	29	(D)	–	–	–	(D)	–
POULTRY							
Chickens 3 months old or older inventory ..... forms	1 217	289	1	13	41	132	102
number	531 740	504 482	(D)	(D)	94 658	13 345	10 039
Forms with—							
1 to 399	1 185	266	–	7	33	128	98
400 to 3,199	17	8	–	1	–	3	4
3,200 to 9,999	4	4	–	–	3	1	–
10,000 to 19,999	5	5	–	1	4	–	–
20,000 to 49,999	5	5	–	4	1	–	–
50,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	1	1	1	–	–	–	–
Hens and pullets of laying age ..... forms	1 200	286	1	12	41	132	100
number	504 525	480 652	(D)	(D)	87 503	13 230	9 993
Pullets 3 months old or older not of laying age ..... forms	140	21	–	5	4	6	6
number	27 215	23 830	–	16 514	7 155	115	46

See footnote at end of table.

Table 34. **Summary by Value of Agricultural Products Sold: 1978**—Con.

	Farms with sales of less than $20,000					Abnormal farms (see text)
	Total	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	
LIVESTOCK—Con.						
Cattle and calves inventory—Con.						
Cows and heifers that had calved—Con.						
Milk cows ..... farms	1 001	269	105	143	484	7
number	(D)	(D)	1 073	418	1 174	(D)
Farms with—						
1 to 4	628	38	31	119	440	–
5 to 9	81	9	30	20	22	–
10 to 49	281	211	44	4	22	2
50 to 99	11	11	–	–	–	4
100 to 199	–	–	–	–	–	1
200 to 499	–	–	–	–	–	–
500 or more	–	–	–	–	–	–
Heifers and heifer calves ..... farms	1 711	298	201	309	903	10
number	14 611	4 061	2 734	2 776	5 040	420
Steers, steer calves, bulls, and bull calves ..... farms	1 479	179	154	350	796	6
number	6 354	967	1 102	2 017	2 268	113
Cattle and calves sold ..... farms	1 831	351	264	461	755	10
number	17 984	6 806	3 465	4 331	3 382	340
$1,000	4 235	1 522	954	1 060	699	70
Calves ..... farms	1 165	259	138	325	443	9
number	9 176	3 479	1 391	2 495	1 811	213
$1,000	885	198	133	390	163	22
Cattle ..... farms	1 409	292	228	279	610	9
number	8 808	3 327	2 074	1 836	1 571	127
$1,000	3 350	1 323	821	670	536	48
Fattened on grain and concentrates ..... farms	311	30	52	66	163	–
number	1 252	254	400	309	289	–
$1,000	459	104	153	102	99	–
Hogs and pigs inventory ..... farms	793	49	68	105	571	3
number	5 648	506	533	913	3 696	215
Farms with—						
1 to 9	695	42	55	85	513	2
10 to 49	80	3	11	17	49	–
50 to 99	8	3	2	2	1	–
100 to 199	10	1	–	1	8	–
200 to 499	–	–	–	–	–	1
500 or more	–	–	–	–	–	–
Used or to be used for breeding ..... farms	418	18	23	48	329	1
number	(D)	(D)	164	209	1 161	(D)
Other ..... farms	592	44	62	98	388	2
number	(D)	(D)	369	704	2 535	(D)
Hogs and pigs sold ..... farms	484	32	37	69	346	2
number	7 320	1 065	961	1 633	3 661	(D)
$1,000	322	75	47	64	135	(D)
Feeder pigs sold ..... farms	242	14	12	15	201	1
number	4 296	448	379	825	2 644	(D)
$1,000	119	13	9	19	78	(D)
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 ..... farms	439	18	27	48	346	1
number	(D)	(D)	127	231	834	(D)
Dec. 1 and May 31 ..... farms	348	13	25	30	280	1
number	(D)	(D)	84	106	545	(D)
June 1 and Nov. 30 ..... farms	179	14	14	40	111	–
number	505	48	43	125	289	–
Sheep and lambs of all ages inventory ..... farms	460	17	55	54	334	3
number	8 030	476	2 656	1 237	3 661	89
Ewes 1 year old or older ..... farms	415	15	52	48	300	3
number	5 555	340	1 980	851	2 384	66
Sheep and lambs sold ..... farms	231	13	47	41	130	2
number	5 124	582	2 196	1 030	1 316	(D)
Sheep and lambs shorn ..... farms	393	12	48	49	284	2
number	6 727	384	2 232	1 162	2 949	(D)
pounds of wool	48 840	2 286	15 440	8 332	22 782	(D)
Horses and ponies inventory ..... farms	1 408	101	115	288	904	3
number	5 940	415	635	1 264	3 626	88
Horses and ponies sold ..... farms	532	22	37	198	275	1
number	1 371	229	143	325	674	(D)
$1,000	660	84	116	218	242	(D)
Goats inventory ..... farms	407	8	7	28	364	1
number	2 130	15	60	302	1 753	(D)
Goats sold ..... farms	179	2	3	18	156	–
number	(D)	(D)	28	210	788	–
$1,000	(D)	(D)	2	12	15	–
POULTRY						
Chickens 3 months old or older inventory ..... farms	924	67	81	152	624	4
number	26 670	6 610	4 531	3 431	12 098	588
Farms with—						
1 to 399	915	62	77	152	624	4
400 to 3,199	9	5	4	–	–	–
3,200 to 9,999	–	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–
Hens and pullets of laying age ..... farms	910	65	81	144	620	4
number	23 285	4 458	4 425	3 180	11 222	588
Pullets 3 months old or older not of laying age ..... farms	119	13	8	27	71	–
number	3 385	2 152	106	251	876	–

See footnote at end of table.

Table 34. **Summary by Value of Agricultural Products Sold: 1978**—Con.

	All farms	Farms with sales of $20,000 or more					
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
POULTRY—Con.							
Chickens 3 months old or older sold ... farms	156	37	1	7	9	10	10
number	412 746	402 084	(D)	(D)	87 300	6 200	12 544
Broilers and other meat-type chickens sold ... farms	65	14	–	–	–	7	7
number	6 375	776	–	–	–	249	527
Farms with—							
1 to 1,999	65	14	–	–	–	7	7
2,000 to 59,999	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding ... farms	27	3	–	–	–	2	1
number	81	6	–	–	–	(D)	(D)
Turkeys sold ... farms	30	11	–	–	1	6	4
number	11 121	7 394	–	–	(D)	(D)	96
CROPS HARVESTED							
Corn for all purposes ... farms	2 279	1 927	8	103	519	1 029	268
acres	102 440	97 073	2 896	14 751	36 452	37 692	5 282
Oats for grain ... farms	135	95	–	6	29	53	7
acres	3 366	3 093	–	185	1 165	1 649	94
bushels	147 097	136 373	–	7 830	55 177	68 925	4 441
Irrigated ... farms	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–
Irish potatoes ... farms	120	33	–	–	5	17	11
acres	701	619	–	–	435	159	25
hundredweight	127 284	118 027	–	–	82 795	30 712	4 520
Irrigated ... farms	11	2	–	–	–	–	2
acres	13	(D)	–	–	–	–	(D)
Farms by acres harvested:							
0.1 to 0.9 acres	82	17	–	–	2	10	5
1.0 to 4.9 acres	23	6	–	–	–	2	4
5.0 to 24.9 acres	9	4	–	–	–	2	2
25.0 to 99.9 acres	3	3	–	–	–	3	–
100.0 acres or more	3	3	–	–	3	–	–
Hay crops (see text) ... farms	5 965	2 949	7	111	601	1 579	651
acres	493 499	375 623	3 867	30 101	109 912	180 383	51 360
tons, dry	879 189	709 129	10 081	62 491	215 882	332 310	88 365
Irrigated ... farms	11	8	–	–	3	4	1
acres	264	230	–	–	147	(D)	(D)
Farms by acres harvested:							
1 to 24 acres	1 258	99	–	3	7	51	38
25 to 99 acres	2 887	1 237	1	6	101	679	450
100 to 499 acres	1 791	1 584	4	90	481	846	163
500 acres or more	29	29	2	12	12	3	–
Alfalfa hay ... farms	2 057	1 391	2	61	340	765	223
acres	99 443	80 421	(D)	(D)	24 108	39 368	9 865
tons, dry	220 029	188 247	(D)	(D)	62 774	87 445	20 182
Irrigated ... farms	1	1	–	–	–	1	–
acres	(D)	(D)	–	–	–	(D)	–
All vegetables harvested for sale (see text) ... farms	282	68	–	5	14	33	16
acres	1 600	994	–	220	61	443	270
Irrigated ... farms	31	9	–	1	1	3	4
acres	306	280	–	(D)	(D)	(D)	41
Farms by acres harvested:							
0.1 to 4.9 acres	213	32	–	3	8	17	4
5.0 to 24.9 acres	57	26	–	1	6	10	9
25.0 to 99.9 acres	10	8	–	–	–	5	3
100.0 acres or more	2	2	–	1	–	1	–
Land in orchards ... farms	394	60	2	6	8	28	16
acres	6 494	3 832	(D)	1 160	572	1 020	310
Irrigated ... farms	9	4	–	1	1	1	1
acres	212	185	–	(D)	(D)	(D)	(D)
Farms by acres in orchards:							
0.1 to 4.9 acres	137	11	–	–	1	5	5
5.0 to 24.9 acres	217	10	–	–	–	6	4
25.0 to 99.9 acres	29	29	–	–	6	16	7
100.0 acres or more	11	10	2	6	1	1	–
Apples ... farms	391	60	2	6	8	28	16
total acres	6 430	3 806	(D)	1 155	561	1 012	308
pounds	50 121 866	47 702 730	(D)	15 802 800	9 222 000	11 342 280	2 055 650

See footnote at end of table.

Table 34. **Summary by Value of Agricultural Products Sold: 1978**—Con.

	Farms with sales of less than $20,000					Abnormal farms (see text)
	Total	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	
POULTRY—Con.						
Chickens 3 months old or older sold ... forms	117	16	14	24	63	2
number	(D)	(D)	1 707	945	2 391	(D)
Brailers and other meat-type chickens sold ... forms	51	4	7	11	29	–
number	5 599	2 325	1 340	376	1 558	–
Forms with—						
1 to 1,999	51	4	7	11	29	–
2,000 to 59,999	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–
Turkey hens kept for breeding ... forms	24	2	5	2	15	–
number	75	(D)	9	(D)	49	–
Turkeys sold ... forms	19	4	1	3	11	–
number	3 727	3 280	(D)	(D)	87	–
CROPS HARVESTED						
Corn for all purposes ... forms	344	102	61	47	134	8
acres	4 909	2 087	1 049	643	1 130	458
Oats for grain ... forms	40	7	7	4	22	–
acres	273	81	47	33	112	–
bushels	10 724	4 014	2 115	1 080	3 515	–
Irrigated ... forms	–	–	–	–	–	–
acres	–	–	–	–	–	–
Irish potatoes ... forms	86	12	17	15	42	1
acres	(D)	(D)	21	15	28	(D)
hundredweight	(D)	(D)	2 545	2 084	2 641	(D)
Irrigated ... forms	9	–	–	–	9	–
acres	2	–	–	–	2	–
Forms by acres harvested:						
0.1 to 0.9 acres	65	9	12	12	32	–
1.0 to 4.9 acres	16	2	4	2	8	1
5.0 to 24.9 acres	5	1	1	1	2	–
25.0 to 99.9 acres	–	–	–	–	–	–
100.0 acres or more	–	–	–	–	–	–
Hay crops (see text) ... forms	3 004	394	370	618	1 622	12
acres	116 569	30 177	20 302	21 979	44 111	1 307
tons, dry	167 245	47 476	32 562	37 329	49 878	2 815
Irrigated ... forms	3	2	1	–	–	–
acres	34	(D)	(D)	–	–	–
Forms by acres harvested:						
1 to 24 acres	1 156	47	74	233	802	3
25 to 99 acres	1 647	238	253	363	793	3
100 to 499 acres	201	109	43	22	27	6
500 acres or more	–	–	–	–	–	–
Alfalfa hay ... forms	659	138	119	128	274	7
acres	18 558	6 044	4 172	3 056	5 286	464
tons, dry	30 965	11 270	7 702	5 168	6 825	817
Irrigated ... forms	–	–	–	–	–	–
acres	–	–	–	–	–	–
All vegetables harvested for sale (see text) ... forms	211	20	40	47	104	3
acres	599	175	144	113	167	7
Irrigated ... forms	22	3	1	6	12	–
acres	27	(D)	(D)	5	18	–
Forms by acres harvested:						
0.1 to 4.9 acres	179	10	28	39	102	2
5.0 to 24.9 acres	30	8	12	8	2	1
25.0 to 99.9 acres	2	2	–	–	–	–
100.0 acres or more	–	–	–	–	–	–
Land in orchards ... forms	332	24	12	31	265	2
acres	(D)	(D)	44	259	2 165	(D)
Irrigated ... forms	5	1	–	–	4	–
acres	27	(D)	–	–	(D)	–
Forms by acres in orchards:						
0.1 to 4.9 acres	126	11	8	15	92	–
5.0 to 24.9 acres	205	13	4	15	173	2
25.0 to 99.9 acres	–	–	–	–	–	–
100.0 acres or more	1	–	–	1	–	–
Apples ... forms	329	22	12	31	264	2
total acres	(D)	(D)	43	256	2 143	(D)
pounds	(D)	(D)	280 880	435 680	613 275	(D)

[1]1978 data are based on a sample of farms; see text.

Table 35. **Summary by Standard Industrial Classification of Farm: 1978**

[Excludes abnormal farms; see text]

All Farms	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013): Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
FARMS AND LAND IN FARMS								
Farms ..... number	7 258	13	1 033	–	–	1 033	102	166
percent	100.0	0.1	14.2	–	–	14.2	1.4	2.2
Land in farms ..... acres	1 745 390	2 443	198 243	–	–	198 243	7 897	20 236
Average size of farm ..... acres	240	188	192	–	–	192	77	122
Value of land and buildings[1] ..... forms	7 258	23	1 055	–	–	1 055	92	167
$1,000	1 165 074	5 386	146 718	–	–	146 718	7 465	20 302
Average per farm ..... dollars	160 522	234 190	139 068	–	–	139 068	81 142	121 568
Average per acre ..... dollars	655	985	730	–	–	730	1 007	992
Farms by value of land and buildings:								
$1 to $19,999	200	–	18	–	–	18	13	12
$20,000 to $39,999	704	–	143	–	–	143	22	32
$40,000 to $69,999	1 076	2	181	–	–	181	14	49
$70,000 to $99,999	1 031	8	185	–	–	185	28	18
$100,000 to $149,999	1 221	–	233	–	–	233	4	21
$150,000 to $199,999	1 169	6	116	–	–	116	1	13
$200,000 to $499,999	1 569	4	143	–	–	143	10	14
$500,000 to $999,999	240	3	28	–	–	28	–	6
$1,000,000 or more	48	–	8	–	–	8	–	2
Owned and rented land by operator:								
Land owned ..... forms	6 809	11	1 010	–	–	1 010	85	165
acres	1 405 706	1 742	186 703	–	–	186 703	9 786	24 014
Land rented or leased from others ..... forms	3 244	7	211	–	–	211	35	30
acres	386 327	(D)	20 367	–	–	20 367	736	1 188
Land rented or leased to others ..... forms	531	2	124	–	–	124	22	37
acres	46 643	(D)	8 827	–	–	8 827	2 625	4 966
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... forms	7 080	13	1 033	–	–	1 033	102	166
acres	858 808	1 806	81 696	–	–	81 696	3 221	7 651
Harvested cropland ..... forms	6 568	13	1 033	–	–	1 033	102	166
acres	579 014	991	58 337	–	–	58 337	1 853	5 825
Farms by acres harvested:								
1 to 49 acres	3 016	6	641	–	–	641	93	135
50 to 99 acres	1 422	4	259	–	–	259	5	13
100 to 199 acres	1 383	1	94	–	–	94	3	12
200 to 499 acres	693	2	35	–	–	35	1	6
500 to 999 acres	51	–	4	–	–	4	–	–
1,000 to 1,999 acres	2	–	–	–	–	–	–	–
2,000 acres or more	1	–	–	–	–	–	–	–
Cropland:								
Pasture or grazing only ..... forms	4 782	3	430	–	–	430	28	49
acres	253 140	(D)	16 924	–	–	16 924	311	1 135
Cover crops, legumes, and soil-improvement grasses not harvested or pastured ..... forms	291	1	43	–	–	43	18	18
acres	5 332	(D)	891	–	–	891	109	226
On which all crops failed ..... forms	111	1	9	–	–	9	6	4
acres	1 828	(D)	143	–	–	143	14	10
In cultivated summer fallow ..... forms	109	–	19	–	–	19	5	13
acres	1 977	–	174	–	–	174	12	55
Idle ..... forms	613	3	151	–	–	151	20	28
acres	17 517	445	5 227	–	–	5 227	922	400
Total woodland ..... forms	5 507	4	796	–	–	796	58	111
acres	696 460	287	96 373	–	–	96 373	4 081	10 510
Woodland pastured ..... forms	2 306	1	217	–	–	217	12	10
acres	168 042	(D)	16 715	–	–	16 715	568	564
Woodland not pastured ..... forms	4 527	4	698	–	–	698	55	104
acres	528 418	(D)	79 658	–	–	79 658	3 513	9 946
Pastureland and rangeland other than cropland and woodland pastured ..... forms	1 642	1	198	–	–	198	4	40
acres	116 543	(D)	10 051	–	–	10 051	99	463
Land in house lots, ponds, roads, wasteland, etc. ..... forms	4 217	8	559	–	–	559	66	120
acres	73 579	340	10 123	–	–	10 123	496	1 612
Pastureland, all types ..... forms	6 125	5	655	–	–	655	34	73
acres	537 725	424	43 690	–	–	43 690	978	2 162
Irrigated land ..... forms	108	1	1	–	–	1	20	19
acres	1 586	(D)	(D)	–	–	(D)	76	256
Harvested cropland irrigated ..... forms	95	1	–	–	–	–	20	19
acres	1 313	(D)	–	–	–	–	(D)	(D)
Pastureland irrigated ..... forms	13	–	1	–	–	1	–	–
acres	259	–	(D)	–	–	(D)	–	–
Other land irrigated ..... forms	4	–	–	–	–	–	1	1
acres	14	–	–	–	–	–	(D)	(D)
Land set aside in the federal farm programs in 1978 ..... forms	113	–	10	–	–	10	–	–
acres	1 889	–	201	–	–	201	–	–
RACE AND TENURE OF OPERATOR								
All operators ..... number	7 258	13	1 033	–	–	1 033	102	166
Full owners ..... number	4 023	6	824	–	–	824	67	137
Part owners ..... number	2 780	5	186	–	–	186	17	27
Tenants ..... number	455	2	23	–	–	23	18	2
White ..... number	7 235	13	1 031	–	–	1 031	101	158
Full owners ..... number	4 009	6	822	–	–	822	66	136
Part owners ..... number	2 771	5	186	–	–	186	17	20
Tenants ..... number	455	2	23	–	–	23	18	2
Black and other races ..... number	23	–	2	–	–	2	1	8
Full owners ..... number	14	–	2	–	–	2	1	1
Part owners ..... number	9	–	–	–	–	–	–	7
Tenants ..... number	–	–	–	–	–	–	–	–

See footnote at end of table.

Table 35. **Summary by Standard Industrial Classification of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms

		Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021): Total	Livestock farms, except dairy, poultry, and animal specialty (021): Beef cattle farms, except feedlots (0212)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
FARMS AND LAND IN FARMS									
Farms	number	164	301	1 656	1 086	3 198	84	322	219
	percent	2.2	4.1	22.8	14.9	44.0	1.1	4.4	3.0
Land in farms	acres	4 600	30 051	254 311	185 752	1 159 063	6 483	34 475	27 588
Average size of farm	acres	28	100	154	171	362	77	107	126
Value of land and buildings[1]	farms	164	274	1 692	1 098	3 203	78	298	212
	$1,000	11 067	26 778	173 655	103 400	721 595	6 561	31 105	14 442
Average per farm	dollars	67 478	97 729	102 633	94 170	225 287	84 121	104 378	68 123
Average per acre	dollars	3 023	963	688	581	603	1 491	979	533
Farms by value of land and buildings:									
$1 to $19,999		8	3	98	81	18	12	18	–
$20,000 to $39,999		43	48	280	199	80	10	15	31
$40,000 to $69,999		33	91	337	209	174	24	31	140
$70,000 to $99,999		42	50	275	208	264	6	153	2
$100,000 to $149,999		29	37	269	211	590	10	19	9
$150,000 to $199,999		9	16	288	103	668	9	23	20
$200,000 to $499,999		–	21	130	81	1 196	7	34	10
$500,000 to $999,999		–	6	12	4	180	–	5	–
$1,000,000 or more		–	2	3	2	33	–	–	–
Owned and rented land by operator:									
Land owned	farms	160	265	1 546	1 008	2 952	84	315	216
	acres	4 211	26 030	229 305	164 996	863 855	6 270	32 923	20 867
Land rented or leased from others	farms	30	125	538	373	2 047	16	66	139
	acres	(D)	6 035	36 573	27 644	308 607	838	2 764	7 606
Land rented or leased to others	farms	7	34	136	95	131	10	15	13
	acres	(D)	2 014	11 567	6 888	13 399	625	1 212	885
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	164	301	1 561	1 020	3 165	65	293	217
	acres	1 781	11 910	88 211	65 790	634 360	2 151	17 867	8 154
Harvested cropland	farms	164	300	1 325	856	3 106	54	106	199
	acres	731	7 149	48 214	35 574	446 553	1 242	3 268	4 851
Farms by acres harvested:									
1 to 49 acres		164	281	1 036	623	348	50	85	177
50 to 99 acres		–	18	200	160	890	3	18	12
100 to 199 acres		–	1	71	60	1 190	–	3	8
200 to 499 acres		–	–	16	11	630	1	–	2
500 to 999 acres		–	–	2	2	45	–	–	–
1,000 to 1,999 acres		–	–	–	–	2	–	–	–
2,000 acres or more		–	–	–	–	1	–	–	–
Cropland:									
Pasture or grazing only	farms	23	186	1 201	743	2 361	35	265	201
	acres	299	4 077	35 858	27 217	176 117	(D)	14 212	3 037
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	4	26	53	33	112	–	11	5
	acres	23	256	979	656	2 569	–	165	84
On which all crops failed	farms	1	4	25	18	58	–	3	–
	acres	(D)	(D)	123	39	1 441	–	9	–
In cultivated summer fallow	farms	3	2	20	15	42	1	–	4
	acres	7	(D)	350	337	1 284	(D)	–	33
Idle	farms	56	23	119	73	188	2	18	5
	acres	(D)	315	2 687	1 967	6 396	(D)	213	149
Total woodland	farms	43	215	1 216	793	2 705	48	117	194
	acres	2 240	13 527	136 478	98 056	402 325	3 638	9 333	17 668
Woodland pastured	farms	5	26	457	369	1 507	25	31	15
	acres	(D)	751	27 366	24 449	118 804	731	1 362	881
Woodland not pastured	farms	38	205	1 009	622	2 090	35	100	189
	acres	(D)	12 776	109 112	73 607	283 521	2 907	7 971	16 787
Pastureland and rangeland other than cropland and woodland pastured	farms	4	60	326	237	928	23	38	20
	acres	82	3 123	16 328	12 696	83 472	(D)	1 551	1 062
Land in house lots, ponds, roads, wasteland, etc.	farms	90	174	1 009	610	1 817	57	260	57
	acres	497	1 491	13 294	9 210	38 906	392	5 724	704
Pastureland, all types	farms	30	236	1 485	967	3 040	63	291	213
	acres	583	7 951	79 552	64 362	378 393	1 887	17 125	4 980
Irrigated land	farms	27	2	9	9	26	1	1	1
	acres	87	(D)	222	222	686	(D)	(D)	(D)
Harvested cropland irrigated	farms	26	2	2	2	22	1	1	1
	acres	(D)	(D)	(D)	(D)	612	(D)	(D)	(D)
Pastureland irrigated	farms	–	–	8	8	4	–	–	–
	acres	–	–	(D)	(D)	(D)	–	–	–
Other land irrigated	farms	1	–	–	–	1	–	–	–
	acres	(D)	–	–	–	(D)	–	–	–
Land set aside in the federal farm programs in 1978	farms	–	–	9	6	93	1	–	–
	acres	–	–	194	71	1 489	(D)	–	–
RACE AND TENURE OF OPERATOR									
All operators	number	164	301	1 656	1 086	3 198	84	322	219
Full owners	number	135	176	1 119	714	1 155	68	256	80
Part owners	number	25	89	426	293	1 794	16	59	136
Tenants	number	4	36	111	79	249	–	7	3
White	number	164	301	1 655	1 085	3 189	84	320	219
Full owners	number	135	176	1 119	714	1 147	68	254	80
Part owners	number	25	89	425	292	1 793	16	59	136
Tenants	number	4	36	111	79	249	–	7	3
Black and other races	number	–	–	1	1	9	–	2	–
Full owners	number	–	–	–	–	8	–	2	–
Part owners	number	–	–	1	1	1	–	–	–
Tenants	number	–	–	–	–	–	–	–	–

See footnote at end of table.

Table 35. **Summary by Standard Industrial Classification of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013): Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
FARMS BY TYPE OF ORGANIZATION								
Individual or family ... farms	6 572	11	950	–	–	950	85	151
acres	1 478 116	(D)	172 218	–	–	172 218	6 725	15 320
Partnership ... farms	511	1	57	–	–	57	12	5
acres	188 748	(D)	14 804	–	–	14 804	807	(D)
Corporations:								
Family held ... farms	125	–	14	–	–	14	2	8
acres	59 679	–	7 283	–	–	7 283	(D)	2 749
More than 10 stockholders ... farms	4	–	–	–	–	–	–	–
10 or less stockholders ... farms	121	–	14	–	–	14	2	8
Other than family held ... farms	20	–	1	–	–	1	1	2
acres	9 735	–	(D)	–	–	(D)	(D)	(D)
More than 10 stockholders ... farms	1	–	–	–	–	–	–	–
10 or less stockholders ... farms	19	–	1	–	–	1	1	2
Other—cooperative, estate or trust, etc. ... farms	30	1	11	–	–	11	2	–
acres	9 112	(D)	(D)	–	–	(D)	(D)	–
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	6 363	8	819	–	–	819	85	140
Not on farm operated	484	–	119	–	–	119	9	18
Operators by age group:								
Under 25 years	159	–	14	–	–	14	4	8
25 to 34 years	1 159	4	94	–	–	94	23	33
35 to 44 years	1 756	4	179	–	–	179	18	43
45 to 54 years	1 780	–	213	–	–	213	18	25
55 to 64 years	1 394	3	236	–	–	236	15	25
65 years and over	1 010	2	297	–	–	297	24	32
Average age	48.3	46.0	54.2	–	–	54.2	48.9	47.6
Operators by sex:								
Male	6 666	12	924	–	–	924	94	156
Female	592	1	109	–	–	109	8	10
Operators of Spanish origin	35	–	18	–	–	18	–	1
Operators by principal occupation:								
Farming	4 564	7	354	–	–	354	50	69
Other	2 694	6	679	–	–	679	52	97
Operators reporting days of work off farm:								
None	3 472	2	320	–	–	320	47	49
1 to 99 days	768	4	109	–	–	109	9	26
100 to 199 days	672	2	120	–	–	120	9	25
200 days or more	2 095	5	454	–	–	454	36	66
FARMS BY SIZE								
1 to 9 acres	316	–	3	–	–	3	18	8
10 to 49 acres	862	2	115	–	–	115	43	60
50 to 69 acres	362	–	95	–	–	95	6	14
70 to 99 acres	580	–	125	–	–	125	10	16
100 to 139 acres	897	4	145	–	–	145	7	30
140 to 179 acres	656	4	175	–	–	175	6	8
180 to 219 acres	579	–	102	–	–	102	3	5
220 to 259 acres	525	–	66	–	–	66	4	6
260 to 499 acres	1 680	2	150	–	–	150	4	9
500 to 999 acres	681	1	48	–	–	48	1	10
1,000 to 1,999 acres	111	–	8	–	–	8	–	–
2,000 acres or more	9	–	1	–	–	1	–	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	13	13	–	–	–	–	–	–
Field crop, except cash grain farms (013)	1 033	–	1 033	–	–	1 033	–	–
Cotton farms (0131)	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	1 033	–	1 033	–	–	1 033	–	–
Vegetable and melon farms (016)	102	–	–	–	–	–	102	–
Fruit and tree nut farms (017)	166	–	–	–	–	–	–	166
Horticultural specialty farms (018)	164	–	–	–	–	–	–	–
General farms, primarily crop (019)	301	–	–	–	–	–	–	–
Livestock farms, except dairy, poultry, and animal specialty (021)	1 656	–	–	–	–	–	–	–
Beef cattle farms, except feedlots (0212)	1 086	–	–	–	–	–	–	–
Dairy farms (024)	3 198	–	–	–	–	–	–	–
Poultry and egg farms (025)	84	–	–	–	–	–	–	–
Animal specialty farms (027)	322	–	–	–	–	–	–	–
General farms, primarily livestock (029)	219	–	–	–	–	–	–	–
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold ... farms	7 258	13	1 033	–	–	1 033	102	166
$1,000	273 488	102	5 821	–	–	5 821	922	5 987
Farms by value of agricultural products sold:								
$500,000 or more	11	–	–	–	–	–	–	2
$200,000 to $499,999	124	–	–	–	–	–	–	6
$100,000 to $199,999	632	–	6	–	–	6	–	7
$40,000 to $99,999	1 670	–	11	–	–	11	6	21
$20,000 to $39,999	725	–	26	–	–	26	8	9
$10,000 to $19,999	476	5	90	–	–	90	8	9
$5,000 to $9,999	455	3	156	–	–	156	15	10
$2,500 to $4,999	742	1	182	–	–	182	25	21
Less than $2,500	2 423	4	562	–	–	562	40	81

See footnote at end of table.

Table 35. **Summary by Standard Industrial Classification of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)		Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
			Total	Beef cattle farms, except feedlots (0212)				
FARMS BY TYPE OF ORGANIZATION								
Individual or family ... farms	143	291	1 573	1 028	2 774	79	303	212
acres	4 158	26 400	230 736	168 527	956 611	5 568	32 621	25 765
Partnership ... farms	6	9	65	46	331	4	14	7
acres	(D)	(D)	16 382	12 692	149 169	(D)	1 051	1 823
Corporations:								
Family held ... farms	14	–	10	6	71	1	5	–
acres	170	–	(D)	3 060	43 033	(D)	803	–
More than 10 stockholders ... farms	–	–	1	–	3	–	–	–
10 or less stockholders ... farms	14	–	9	6	68	1	5	–
Other than family held ... farms	1	–	1	1	14	–	–	–
acres	(D)	–	(D)	(D)	6 748	–	–	–
More than 10 stockholders ... farms	–	–	–	–	1	–	–	–
10 or less stockholders ... farms	1	–	1	1	13	–	–	–
Other—cooperative, estate or trust, etc. ... farms	–	1	7	5	8	–	–	–
acres	–	(D)	1 173	(D)	3 502	–	–	–
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	131	260	1 449	919	2 876	78	307	210
Not on farm operated	18	33	121	102	150	4	8	4
Operators by age group:								
Under 25 years	2	1	46	41	80	–	3	1
25 to 34 years	46	49	194	118	523	6	44	143
35 to 44 years	29	59	461	211	746	37	163	17
45 to 54 years	47	97	404	276	874	12	65	25
55 to 64 years	19	64	294	232	682	15	25	16
65 years and over	21	31	257	208	293	14	22	17
Average age	46.9	48.2	48.9	50.8	47.4	48.1	44.7	38.7
Operators by sex:								
Male	153	288	1 512	991	3 081	78	159	209
Female	11	13	144	95	117	6	163	10
Operators of Spanish origin	–	2	3	1	9	–	1	1
Operators by principal occupation:								
Farming	83	50	572	438	3 008	39	176	156
Other	81	251	1 084	648	190	45	146	63
Operators reporting days of work off farm:								
None	49	29	398	293	2 342	44	160	32
1 to 99 days	10	26	166	113	383	4	24	7
100 to 199 days	45	32	166	115	101	15	35	122
200 days or more	54	213	859	503	233	20	98	57
FARMS BY SIZE								
1 to 9 acres	66	1	126	81	26	19	35	14
10 to 49 acres	72	123	310	169	24	26	70	17
50 to 69 acres	4	24	132	96	42	14	14	17
70 to 99 acres	7	54	256	96	82	2	24	4
100 to 139 acres	10	25	207	158	199	6	137	127
140 to 179 acres	2	33	189	144	215	4	14	6
180 to 219 acres	–	16	120	90	307	5	7	14
220 to 259 acres	1	7	85	70	343	3	4	6
260 to 499 acres	2	14	162	128	1 313	5	14	5
500 to 999 acres	–	3	47	34	559	–	3	9
1,000 to 1,999 acres	–	1	18	17	84	–	–	–
2,000 acres or more	–	–	4	3	4	–	–	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	–	–	–	–	–	–	–	–
Field crop, except cash grain farms (013)	–	–	–	–	–	–	–	–
Cotton farms (0131)	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	–	–	–	–	–	–	–	–
Vegetable and melon farms (016)	–	–	–	–	–	–	–	–
Fruit and tree nut farms (017)	–	–	–	–	–	–	–	–
Horticultural specialty farms (018)	164	–	–	–	–	–	–	–
General farms, primarily crop (019)	–	301	–	–	–	–	–	–
Livestock farms, except dairy, poultry, and animal specialty (021)	–	–	1 656	1 086	–	–	–	–
Beef cattle farms, except feedlots (0212)	–	–	1 086	1 086	–	–	–	–
Dairy farms (024)	–	–	–	–	3 198	–	–	–
Poultry and egg farms (025)	–	–	–	–	–	84	–	–
Animal specialty farms (027)	–	–	–	–	–	–	322	–
General farms, primarily livestock (029)	–	–	–	–	–	–	–	219
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold ... farms	164	301	1 656	1 086	3 198	84	322	219
$1,000	2 246	166	10 679	8 973	238 423	6 376	976	1 789
Farms by value of agricultural products sold:								
$500,000 or more	–	–	1	1	7	1	–	–
$200,000 to $499,999	–	–	1	1	112	5	–	–
$100,000 to $199,999	4	–	16	15	587	8	–	4
$40,000 to $99,999	13	–	37	30	1 566	4	2	10
$20,000 to $39,999	13	2	37	34	614	4	7	5
$10,000 to $19,999	22	4	97	86	224	5	7	5
$5,000 to $9,999	27	5	153	104	58	8	17	3
$2,500 to $4,999	25	3	292	223	17	5	45	126
Less than $2,500	60	287	1 022	592	13	44	244	66

See footnote at end of table.

Table 35. **Summary by Standard Industrial Classification of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013): Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
VALUE OF PRODUCTS SOLD—Con.								
Market value of agricultural products sold—Con.								
Grain ... forms	63	12	15	–	–	15	3	–
$1,000	276	82	73	–	–	73	5	–
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Cotton and cottonseed ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage ... forms	1 669	5	1 024	–	–	1 024	12	13
$1,000	7 203	17	4 923	–	–	4 923	41	84
Sales of $40,000 or more ... forms	18	–	9	–	–	9	–	1
$1,000	1 219	–	640	–	–	640	–	(D)
Vegetables, sweet corn, and melons ... forms	279	–	22	–	–	22	102	9
$1,000	1 153	–	23	–	–	23	737	8
Sales of $40,000 or more ... forms	6	–	–	–	–	–	5	–
$1,000	431	–	–	–	–	–	(D)	–
Fruits, nuts, and berries ... forms	219	1	8	–	–	8	35	121
$1,000	6 102	(D)	4	–	–	4	46	5 840
Sales of $40,000 or more ... forms	38	–	–	–	–	–	–	36
$1,000	5 427	–	–	–	–	–	–	(D)
Nursery and greenhouse products ... forms	206	–	–	–	–	–	16	6
$1,000	2 268	–	–	–	–	–	29	4
Sales of $40,000 or more ... forms	17	–	–	–	–	–	–	–
$1,000	1 189	–	–	–	–	–	–	–
Other crops ... forms	83	–	23	–	–	23	22	3
$1,000	449	–	386	–	–	386	24	2
Sales of $40,000 or more ... forms	4	–	4	–	–	4	–	–
$1,000	356	–	356	–	–	356	–	–
Poultry and poultry products ... forms	464	–	38	–	–	38	10	8
$1,000	6 259	–	6	–	–	6	2	(Z)
Sales of $40,000 or more ... forms	19	–	–	–	–	–	–	–
$1,000	5 882	–	–	–	–	–	–	–
Dairy products ... forms	3 356	–	8	–	–	8	2	1
$1,000	218 680	–	83	–	–	83	(D)	(D)
Sales of $40,000 or more ... forms	2 165	–	1	–	–	1	–	–
$1,000	192 919	–	(D)	–	–	(D)	–	–
Cattle and calves ... forms	4 852	2	153	–	–	153	7	10
$1,000	29 007	(D)	248	–	–	248	28	41
Sales of $40,000 or more ... forms	66	–	–	–	–	–	–	–
$1,000	5 596	–	–	–	–	–	–	–
Hogs and pigs ... forms	574	–	41	–	–	41	7	8
$1,000	507	–	19	–	–	19	7	2
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sheep, lambs, and wool ... forms	467	–	26	–	–	26	2	11
$1,000	335	–	9	–	–	9	(D)	1
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ... forms	874	–	51	–	–	51	4	19
$1,000	1 251	–	48	–	–	48	2	3
Sales of $40,000 or more ... forms	2	–	–	–	–	–	–	–
$1,000	(D)	–	–	–	–	–	–	–
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased ... forms	3 485	–	304	–	–	304	34	44
$1,000	15 959	–	197	–	–	197	37	5
Farms with expenses of—								
$1 to $4,999	2 714	–	302	–	–	302	33	44
$5,000 to $19,999	599	–	1	–	–	1	–	–
$20,000 to $49,999	142	–	1	–	–	1	1	–
$50,000 or more	30	–	–	–	–	–	–	–
Feed for livestock and poultry ... forms	6 221	4	502	–	–	502	34	71
$1,000	85 387	2	268	–	–	268	34	29
Farms with expenses of—								
$1 to $4,999	3 068	4	496	–	–	496	33	71
$5,000 to $19,999	1 541	–	6	–	–	6	1	–
$20,000 to $49,999	1 342	–	–	–	–	–	–	–
$50,000 or more	270	–	–	–	–	–	–	–
Commercially mixed formula feeds ... forms	4 972	–	266	–	–	266	7	53
tons	453 904	–	729	–	–	729	25	112
$1,000	67 039	–	112	–	–	112	6	18
Farms by tons purchased:								
1 to 99 tons	3 334	–	266	–	–	266	7	53
100 to 499 tons	1 558	–	–	–	–	–	–	–
500 tons or more	80	–	–	–	–	–	–	–
Farms with expenses of—								
$1 to $4,999	2 113	–	265	–	–	265	7	53
$5,000 to $19,999	1 686	–	1	–	–	1	–	–
$20,000 to $49,999	1 000	–	–	–	–	–	–	–
$50,000 or more	173	–	–	–	–	–	–	–

See footnote at end of table.

Table 35. **Summary by Standard Industrial Classification of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021): Total	Livestock farms, except dairy, poultry, and animal specialty (021): Beef cattle farms, except feedlots (0212)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
VALUE OF PRODUCTS SOLD—Con.								
Market value of agricultural products sold—Con.								
Grain ... farms	–	1	8	8	22	–	–	2
$1,000	–	(D)	20	20	72	–	–	(D)
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Cotton and cottonseed ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage ... farms	3	17	189	144	221	12	18	155
$1,000	2	27	509	433	1 185	17	17	381
Sales of $40,000 or more ... farms	–	–	1	1	6	–	–	1
$1,000	–	–	(D)	(D)	398	–	–	(D)
Vegetables, sweet corn, and melons ... farms	11	20	55	18	39	8	1	12
$1,000	19	44	34	22	91	192	(D)	(D)
Sales of $40,000 or more ... farms	–	–	–	–	–	1	–	–
$1,000	–	–	–	–	–	(D)	–	–
Fruits, nuts, and berries ... farms	9	9	18	3	12	2	1	3
$1,000	15	16	4	2	143	(D)	(D)	9
Sales of $40,000 or more ... farms	–	–	–	–	2	–	–	–
$1,000	–	–	–	–	(D)	–	–	–
Nursery and greenhouse products ... farms	164	8	8	4	3	1	–	–
$1,000	2 201	(D)	2	(Z)	5	(D)	–	–
Sales of $40,000 or more ... farms	17	–	–	–	–	–	–	–
$1,000	1 189	–	–	–	–	–	–	–
Other crops ... farms	3	6	15	8	9	–	1	1
$1,000	(D)	11	8	6	9	–	(D)	(D)
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Poultry and poultry products ... farms	3	7	153	67	97	83	42	23
$1,000	1	2	27	12	65	6 069	3	83
Sales of $40,000 or more ... farms	–	–	–	–	–	18	–	1
$1,000	–	–	–	–	–	(D)	–	(D)
Dairy products ... farms	–	7	106	79	3 198	3	2	29
$1,000	–	2	1 266	1 219	216 748	1	(D)	566
Sales of $40,000 or more ... farms	–	–	10	10	2 150	–	–	4
$1,000	–	–	693	693	191 950	–	–	(D)
Cattle and calves ... farms	18	8	1 262	1 016	3 186	15	27	164
$1,000	5	(D)	8 052	7 084	19 898	67	24	621
Sales of $40,000 or more ... farms	–	–	34	29	29	1	–	2
$1,000	–	–	3 327	2 892	2 114	(D)	–	(D)
Hogs and pigs ... farms	–	7	289	115	75	12	128	7
$1,000	–	8	343	79	87	2	34	5
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sheep, lambs, and wool ... farms	2	3	229	75	56	6	128	4
$1,000	(D)	1	283	30	28	3	6	1
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ... farms	3	5	257	77	78	3	322	132
$1,000	2	3	130	65	93	(Z)	882	87
Sales of $40,000 or more ... farms	–	–	–	–	1	–	1	–
$1,000	–	–	–	–	(D)	–	(D)	–
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased ... farms	20	158	998	672	1 595	69	97	166
$1,000	1	59	2 107	1 757	12 173	688	221	472
Farms with expenses of—								
$1 to $4,999	20	158	924	611	941	55	84	153
$5,000 to $19,999	–	–	35	25	532	10	13	8
$20,000 to $49,999	–	–	35	33	98	2	–	5
$50,000 or more	–	–	4	3	24	2	–	–
Feed for livestock and poultry ... farms	20	236	1 583	995	3 202	78	284	207
$1,000	3	122	2 948	2 293	77 198	3 859	558	365
Farms with expenses of—								
$1 to $4,999	20	236	1 493	914	201	52	272	190
$5,000 to $19,999	–	–	73	65	1 433	1	12	15
$20,000 to $49,999	–	–	6	6	1 323	12	–	1
$50,000 or more	–	–	11	10	245	13	–	1
Commercially mixed formula feeds ... farms	15	164	912	503	3 179	78	112	186
tons	15	404	11 904	9 331	411 710	25 425	1 464	2 116
$1,000	3	71	1 808	1 422	60 642	3 852	197	330
Farms by tons purchased:								
1 to 99 tons	15	164	895	488	1 593	52	107	182
100 to 499 tons	–	–	11	10	1 525	13	5	4
500 tons or more	–	–	6	5	61	13	–	–
Farms with expenses of—								
$1 to $4,999	15	164	866	463	417	52	105	169
$5,000 to $19,999	–	–	31	26	1 631	1	7	15
$20,000 to $49,999	–	–	5	5	982	12	–	1
$50,000 or more	–	–	10	9	149	13	–	1

See footnote at end of table.

Table 35. **Summary by Standard Industrial Classification of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013): Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
SELECTED FARM PRODUCTION EXPENSES[1] — Con.								
Animal health costs ... forms	5 277	–	360	–	–	360	24	30
$1,000	3 472	–	66	–	–	66	3	2
Forms with expenses of –								
$1 to $499	3 250	–	332	–	–	332	24	30
$500 to $999	889	–	15	–	–	15	–	–
$1,000 to $2,999	971	–	12	–	–	12	–	–
$3,000 or more	167	–	1	–	–	1	–	–
Seeds, bulbs, plants, and trees ... forms	3 691	15	343	–	–	343	75	49
$1,000	3 346	14	244	–	–	244	52	60
Forms with expenses of –								
$1 to $999	2 686	12	291	–	–	291	54	29
$1,000 to $4,999	920	3	32	–	–	32	21	17
$5,000 to $9,999	66	–	18	–	–	18	–	1
$10,000 or more	19	–	2	–	–	2	–	2
Commercial fertilizer ... forms	4 745	19	585	–	–	585	79	157
$1,000	9 489	29	611	–	–	611	59	135
Forms with expenses of –								
$1 to $2,499	3 534	16	546	–	–	546	70	147
$2,500 to $9,999	1 091	3	34	–	–	34	8	7
$10,000 to $19,999	109	–	2	–	–	2	1	3
$20,000 or more	11	–	3	–	–	3	–	–
Other agricultural chemicals including lime ... forms	4 037	15	335	–	–	335	79	123
$1,000	2 803	37	175	–	–	175	38	362
Forms with expenses of –								
$1 to $2,499	3 862	12	318	–	–	318	74	96
$2,500 to $9,999	154	–	15	–	–	15	4	16
$10,000 to $19,999	17	3	2	–	–	2	1	7
$20,000 or more	4	–	–	–	–	–	–	4
Energy and petroleum products ... forms	7 236	23	1 054	–	–	1 054	92	167
$1,000	15 463	26	812	–	–	812	74	274
Forms with expenses of –								
$1 to $2,499	5 012	20	991	–	–	991	83	139
$2,500 to $9,999	2 056	3	61	–	–	61	9	21
$10,000 to $19,999	150	–	2	–	–	2	–	5
$20,000 or more	18	–	–	–	–	–	–	2
Petroleum products ... forms	7 224	23	1 042	–	–	1 042	92	167
$1,000	9 775	18	618	–	–	618	61	195
Gasoline ... forms	7 020	23	1 020	–	–	1 020	92	167
$1,000	5 323	13	383	–	–	383	44	130
Diesel fuel ... forms	3 498	15	341	–	–	341	21	44
$1,000	2 647	3	123	–	–	123	7	23
LP gas, butane, and propane ... forms	748	–	47	–	–	47	6	19
$1,000	247	–	(D)	–	–	13	3	12
Fuel oil ... forms	816	–	99	–	–	99	12	17
$1,000	706	–	(D)	–	–	34	4	15
Natural gas ... forms	35	–	–	–	–	–	5	–
$1,000	10	–	–	–	–	–	1	–
Kerosene, motor oil, and grease ... forms	7 224	23	1 042	–	–	1 042	92	167
$1,000	841	1	65	–	–	65	3	15
Electricity ... forms	5 174	15	500	–	–	500	47	86
$1,000	5 479	4	(D)	–	–	169	(D)	76
Other – coal, wood, coke, etc. ... forms	473	8	67	–	–	67	1	10
$1,000	210	4	(D)	–	–	24	(D)	2
Hired farm labor ... forms	3 853	15	385	–	–	385	27	73
$1,000	21 322	28	952	–	–	952	157	1 287
Forms with expenses of –								
$1 to $4,999	2 528	11	340	–	–	340	22	51
$5,000 to $19,999	1 147	4	41	–	–	41	1	9
$20,000 to $49,999	148	–	2	–	–	2	4	6
$50,000 or more	30	–	2	–	–	2	–	7
Workers by number of days worked:								
150 days or more ... forms	2 094	3	98	–	–	98	6	30
workers	4 113	3	162	–	–	162	7	129
Less than 150 days ... forms	2 927	15	346	–	–	346	27	73
workers	10 154	60	1 198	–	–	1 198	234	1 163
Contract labor ... forms	444	–	44	–	–	44	–	40
$1,000	658	–	29	–	–	29	–	229
Forms with expenses of –								
$1 to $2,499	373	–	44	–	–	44	–	18
$2,500 to $9,999	66	–	–	–	–	–	–	19
$10,000 to $19,999	3	–	–	–	–	–	–	1
$20,000 or more	2	–	–	–	–	–	–	2
Customwork, machine hire, and rental of machinery and equipment ... forms	1 709	–	189	–	–	189	23	36
$1,000	1 296	–	110	–	–	110	3	72
Forms with expenses of –								
$1 to $2,499	1 608	–	186	–	–	186	23	31
$2,500 to $9,999	95	–	2	–	–	2	–	3
$10,000 to $19,999	6	–	1	–	–	1	–	2
$20,000 or more	–	–	–	–	–	–	–	–
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services ... forms	437	2	76	–	–	76	8	5
$1,000	431	(D)	98	–	–	98	2	2
Value of agricultural products sold directly to individuals for human consumption ... forms	727	1	54	–	–	54	71	71
$1,000	1 895	(D)	46	–	–	46	397	443

See footnote at end of table.

Table 35. Summary by Standard Industrial Classification of Farm: 1978—Con.

[Excludes abnormal farms; see text]

All Farms	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)		Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
			Total	Beef cattle farms, except feedlots (0212)				
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Animal health costs ... farms	5	174	1 141	787	3 072	43	242	186
... $1,000	(Z)	16	234	169	2 987	51	72	41
Farms with expenses of—								
$1 to $499	5	174	1 044	718	1 222	31	226	162
$500 to $999	–	–	49	28	803	10	4	8
$1,000 to $2,999	–	–	38	36	893	–	12	16
$3,000 or more	–	–	10	5	154	2	–	–
Seeds, bulbs, plants, and trees ... farms	149	75	370	261	2 396	19	41	159
... $1,000	611	12	95	79	2 238	4	4	12
Farms with expenses of—								
$1 to $999	42	75	354	248	1 615	18	41	155
$1,000 to $4,999	81	–	15	12	746	1	–	4
$5,000 to $9,999	12	–	1	1	34	–	–	–
$10,000 or more	14	–	–	–	1	–	–	–
Commercial fertilizer ... farms	76	107	772	444	2 821	35	48	46
... $1,000	15	47	505	313	8 037	14	20	18
Farms with expenses of—								
$1 to $2,499	76	107	743	424	1 703	34	48	44
$2,500 to $9,999	–	–	28	20	1 008	1	–	2
$10,000 to $19,999	–	–	1	–	102	–	–	–
$20,000 or more	–	–	–	–	8	–	–	–
Other agricultural chemicals including lime ... farms	80	86	675	388	2 413	25	44	162
... $1,000	9	17	188	134	1 951	9	6	10
Farms with expenses of—								
$1 to $2,499	80	86	672	386	2 294	24	44	162
$2,500 to $9,999	–	–	3	2	115	1	–	–
$10,000 to $19,999	–	–	–	–	4	–	–	–
$20,000 or more	–	–	–	–	–	–	–	–
Energy and petroleum products ... farms	159	274	1 677	1 088	3 203	77	298	212
... $1,000	185	54	1 049	789	12 560	134	142	153
Farms with expenses of—								
$1 to $2,499	128	274	1 625	1 048	1 208	57	291	196
$2,500 to $9,999	30	–	48	37	1 844	17	7	16
$10,000 to $19,999	1	–	4	3	135	3	–	–
$20,000 or more	–	–	–	–	16	–	–	–
Petroleum products ... farms	159	274	1 677	1 088	3 203	77	298	212
... $1,000	129	40	778	579	7 658	88	104	85
Gasoline ... farms	131	266	1 641	1 061	3 102	69	297	212
... $1,000	40	30	515	384	3 989	55	70	53
Diesel fuel ... farms	11	49	401	268	2 531	10	28	47
... $1,000	4	4	114	82	2 345	1	9	14
LP gas, butane, and propane ... farms	15	1	58	40	451	16	13	122
... $1,000	12	(D)	18	16	163	12	5	7
Fuel oil ... farms	49	7	57	46	564	3	5	3
... $1,000	61	(D)	54	42	517	13	2	5
Natural gas ... farms	–	–	3	3	27	–	–	–
... $1,000	–	–	(Z)	(Z)	9	–	–	–
Kerosene, motor oil, and grease ... farms	159	274	1 677	1 088	3 203	77	298	212
... $1,000	11	6	76	55	635	7	17	6
Electricity ... farms	50	103	1 012	734	3 003	49	123	186
... $1,000	25	11	249	196	4 787	45	38	64
Other—coal, wood, coke, etc. ... farms	21	8	82	51	251	7	–	18
... $1,000	31	3	22	14	116	1	–	4
Hired farm labor ... farms	128	43	611	448	2 435	38	66	32
... $1,000	506	36	875	653	16 805	421	125	131
Farms with expenses of—								
$1 to $4,999	109	43	580	420	1 272	26	58	16
$5,000 to $19,999	11	–	27	27	1 023	8	7	16
$20,000 to $49,999	8	–	4	1	121	2	1	–
$50,000 or more	–	–	–	–	19	2	–	–
Workers by number of days worked:								
150 days or more ... farms	25	7	164	121	1 703	15	21	22
... workers	65	7	242	174	3 340	75	45	38
Less than 150 days ... farms	124	38	505	381	1 690	32	52	25
... workers	404	99	1 472	1 215	5 186	147	127	64
Contract labor ... farms	2	21	52	38	153	1	7	124
... $1,000	(D)	9	78	71	279	(D)	14	16
Farms with expenses of—								
$1 to $2,499	2	21	39	26	117	1	7	124
$2,500 to $9,999	–	–	13	12	34	–	–	–
$10,000 to $19,999	–	–	–	–	2	–	–	–
$20,000 or more	–	–	–	–	–	–	–	–
Customwork, machine hire, and rental of machinery and equipment ... farms	16	25	274	193	1 114	–	21	11
... $1,000	10	3	136	118	942	–	4	15
Farms with expenses of—								
$1 to $2,499	16	25	262	181	1 034	–	21	10
$2,500 to $9,999	–	–	12	12	77	–	–	1
$10,000 to $19,999	–	–	–	–	3	–	–	–
$20,000 or more	–	–	–	–	–	–	–	–
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services ... farms	11	20	112	55	184	2	11	6
... $1,000	73	15	62	34	156	(D)	17	3
Value of agricultural products sold directly to individuals for human consumption ... farms	11	17	248	121	181	40	23	10
... $1,000	15	40	272	124	483	(D)	25	39

See footnote at end of table.

Table 35. **Summary by Standard Industrial Classification of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013): Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ... farms	7 253	23	1 050	–	–	1 050	92	167
$1,000	224 345	808	16 793	–	–	16 793	1 194	3 126
Forms by value group:								
$1 to $4,999	1 052	4	204	–	–	204	41	23
$5,000 to $9,999	1 759	4	355	–	–	355	21	74
$10,000 to $19,999	1 043	2	241	–	–	241	5	30
$20,000 to $49,999	1 826	6	167	–	–	167	19	25
$50,000 to $99,999	1 056	4	75	–	–	75	5	10
$100,000 to $199,999	455	3	8	–	–	8	1	4
$200,000 to $499,999	60	–	–	–	–	–	–	1
$500,000 or more	2	–	–	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ... farms	4 995	19	576	–	–	576	58	112
number	6 577	19	743	–	–	743	77	145
Motortrucks, including pickups ... farms	5 595	23	700	–	–	700	71	102
number	7 817	29	1 011	–	–	1 011	89	160
Wheel tractors ... farms	6 522	23	932	–	–	932	74	148
number	16 271	55	1 709	–	–	1 709	111	288
2 or 3 ... farms	3 065	19	458	–	–	458	7	34
number	7 673	51	1 037	–	–	1 037	20	90
4 or more ... farms	1 358	–	58	–	–	58	6	16
number	6 499	–	256	–	–	256	(D)	100
Grain and bean combines, self-propelled only ... farms	152	9	4	–	–	4	9	2
number	170	12	5	–	–	5	10	(D)
Cornpickers, corn heads, and picker-shellers ... farms	489	13	35	–	–	35	1	3
number	578	20	41	–	–	41	(D)	3
Corn heads for combines ... farms	355	4	34	–	–	34	1	2
number	374	4	39	–	–	39	(D)	(D)
Other cornpickers and picker-shellers ... farms	181	13	2	–	–	2	–	1
number	204	16	(D)	–	–	(D)	–	(D)
Cottonpickers ... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ... farms	3 701	10	371	–	–	371	14	33
number	4 094	22	408	–	–	408	14	45
Pickup balers ... farms	4 192	13	485	–	–	485	13	22
number	4 424	13	492	–	–	492	13	23
Field forage harvesters, shear bar or flywheel type ... farms	2 342	9	125	–	–	125	–	11
number	2 787	9	158	–	–	158	–	11
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ... farms	5 176	19	621	–	–	621	79	157
$1,000	12 292	66	785	–	–	785	97	497
Commercial fertilizer ... farms	4 621	19	557	–	–	557	79	157
acres on which used	367 785	1 146	23 513	–	–	23 513	1 452	4 865
Lime ... farms	2 510	2	220	–	–	220	55	18
acres on which used	81 665	(D)	5 452	–	–	5 452	470	442
tons	133 423	(D)	9 214	–	–	9 214	521	785
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ... farms	1 146	15	52	–	–	52	31	64
acres on which used	38 294	786	1 635	–	–	1 635	263	1 959
Nematodes in crops ... farms	130	–	7	–	–	7	2	2
acres on which used	7 369	–	341	–	–	341	(D)	(D)
Diseases in crops and orchards ... farms	382	2	46	–	–	46	39	92
acres on which used	9 848	(D)	744	–	–	744	334	3 760
Weeds, grass, or brush in crops and pasture ... farms	2 436	3	196	–	–	196	43	40
acres on which used	88 853	600	3 808	–	–	3 808	554	500
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ... farms	203	–	20	–	–	20	–	27
acres on which used	6,764	–	1 107	–	–	1 107	–	1 273
Insect control on livestock and poultry ... farms	2 405	–	147	–	–	147	18	35
Sanitation and rodent and bird control ... farms	910	4	44	–	–	44	6	45
LIVESTOCK								
Cattle and calves inventory ... farms	5 385	2	272	–	–	272	22	22
number	325 396	(D)	3 054	–	–	3 054	(D)	229
Farms with—								
1 to 9	1 135	–	180	–	–	180	20	15
10 to 49	1 645	1	81	–	–	81	1	5
50 to 99	1 563	1	9	–	–	9	–	2
100 to 199	843	–	2	–	–	2	1	–
200 to 499	190	–	–	–	–	–	–	–
500 or more	9	–	–	–	–	–	–	–
Cows and heifers that had calved ... farms	4 817	1	184	–	–	184	10	18
number	197 727	(D)	874	–	–	874	(D)	52
Beef cows ... farms	1 510	1	124	–	–	124	6	14
number	10 788	(D)	685	–	–	685	26	28
Farms with—								
1 to 9	1 160	–	102	–	–	102	5	14
10 to 49	333	1	21	–	–	21	1	–
50 to 99	14	–	1	–	–	1	–	–
100 to 199	2	–	–	–	–	–	–	–
200 to 499	1	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–

See footnote at end of table.

Table 35. **Summary by Standard Industrial Classification of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms

	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021): Total	Livestock farms, except dairy, poultry, and animal specialty (021): Beef cattle farms, except feedlots (0212)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ... farms	164	274	1 692	1 098	3 203	78	298	212
$1,000	1 649	1 918	20 203	14 998	172 694	1 616	2 510	1 832
Farms by value group:								
$1 to $4,999	38	58	335	234	35	16	170	128
$5,000 to $9,999	80	177	744	407	159	37	63	45
$10,000 to $19,999	33	29	293	195	363	4	39	4
$20,000 to $49,999	11	9	273	219	1 256	13	15	32
$50,000 to $99,999	–	1	29	26	915	3	11	3
$100,000 to $199,999	2	–	18	17	414	5	–	–
$200,000 to $499,999	–	–	–	–	59	–	–	–
$500,000 or more	–	–	–	–	2	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ... farms	95	130	989	634	2 673	59	218	66
number	102	180	1 215	775	3 670	96	235	95
Motortrucks, including pickups ... farms	89	174	1 262	815	2 685	52	252	185
number	153	233	1 505	984	4 066	85	287	199
Wheel tractors ... farms	72	233	1 414	907	3 137	57	255	177
number	149	344	2 418	1 717	10 489	90	355	263
2 or 3 ... farms	18	93	546	422	1 782	7	73	28
number	42	201	1 244	969	4 728	15	173	72
4 or more ... farms	17	1	88	75	1 153	5	–	14
number	70	(D)	394	338	5 559	30	–	56
Grain and bean combines, self-propelled only ... farms	–	1	18	16	108	–	–	1
number	–	(D)	19	17	119	–	–	(D)
Cornpickers, corn heads, and picker-shellers ... farms	2	–	37	30	396	1	–	1
number	(D)	–	44	36	462	(D)	–	(D)
Corn heads for combines ... farms	2	–	18	15	292	1	–	1
number	(D)	–	19	16	304	(D)	–	(D)
Other cornpickers and picker-shellers ... farms	1	–	21	16	142	–	–	1
number	(D)	–	25	20	158	–	–	(D)
Cottonpickers ... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ... farms	32	34	483	361	2 527	9	35	153
number	32	41	514	390	2 819	9	35	155
Pickup balers ... farms	12	69	728	528	2 637	15	161	37
number	12	69	756	552	2 817	15	167	47
Field forage harvesters, shear bar or flywheel type ... farms	26	30	221	179	1 908	3	5	4
number	26	30	242	200	2 299	3	5	4
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ... farms	87	130	892	540	2 917	42	64	168
$1,000	24	64	693	447	9 987	23	26	28
Commercial fertilizer ... farms	62	107	730	416	2 787	29	48	46
acres on which used	131	1 472	20 023	13 357	313 091	477	879	736
Lime ... farms	44	63	321	224	1 724	9	31	23
acres on which used	90	1 209	5 309	4 143	67 970	(D)	373	227
tons	101	839	8 190	6 707	112 479	(D)	570	418
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ... farms	40	31	250	95	507	2	17	137
acres on which used	48	399	3 882	2 179	28 347	(D)	(D)	560
Nematodes in crops ... farms	15	–	21	15	83	–	–	–
acres on which used	27	–	290	155	6 662	–	–	–
Diseases in crops and orchards ... farms	18	21	64	32	94	1	5	–
acres on which used	30	122	636	464	4 088	(D)	75	–
Weeds, grass, or brush in crops and pasture ... farms	20	17	315	233	1 765	8	19	10
acres on which used	46	120	4 303	3 066	78 427	296	86	113
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ... farms	19	15	14	14	93	–	–	15
acres on which used	109	225	216	216	3 819	–	–	15
Insect control on livestock and poultry ... farms	19	39	434	230	1 524	14	31	144
Sanitation and rodent and bird control ... farms	17	31	130	99	583	8	25	17
LIVESTOCK								
Cattle and calves inventory ... farms	18	229	1 350	1 009	3 193	45	46	186
number	52	1 589	27 956	22 813	289 610	354	458	1 777
Farms with—								
1 to 9	17	195	449	249	18	37	35	169
10 to 49	1	33	795	673	697	7	10	14
50 to 99	–	–	79	66	1 468	1	1	2
100 to 199	–	1	17	13	821	–	–	1
200 to 499	–	–	10	8	180	–	–	–
500 or more	–	–	–	–	9	–	–	–
Cows and heifers that had calved ... farms	18	176	1 090	809	3 185	39	36	60
number	39	483	9 889	8 081	185 622	98	167	452
Beef cows ... farms	17	132	856	635	286	26	27	21
number	(D)	373	7 751	6 278	1 582	72	136	86
Farms with—								
1 to 9	17	123	581	413	249	25	25	19
10 to 49	–	9	263	211	33	1	2	2
50 to 99	–	–	9	8	4	–	–	–
100 to 199	–	–	2	2	–	–	–	–
200 to 499	–	–	1	1	–	–	–	–
500 or more	–	–	–	–	–	–	–	–

See footnote at end of table.

Table 35. **Summary by Standard Industrial Classification of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013): Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows ..... forms	3 912	–	76	–	–	76	6	5
number	186 939	–	189	–	–	189	(D)	24
Forms with—								
1 to 4	632	–	70	–	–	70	6	4
5 to 9	82	–	5	–	–	5	–	–
10 to 49	1 603	–	–	–	–	–	–	1
50 to 99	1 244	–	1	–	–	1	–	–
100 to 199	303	–	–	–	–	–	–	–
200 to 499	45	–	–	–	–	–	–	–
500 or more	3	–	–	–	–	–	–	–
Heifers and heifer calves ..... forms	4 525	2	211	–	–	211	20	11
number	113 106	(D)	1 614	–	–	1 614	177	135
Steers, steer calves, bulls, and bull calves ..... forms	3 105	1	141	–	–	141	9	11
number	14 563	(D)	566	–	–	566	26	42
Cattle and calves sold ..... forms	4 852	2	153	–	–	153	7	10
number	161 535	(D)	1 375	–	–	1 375	(D)	101
$1,000	29 007	(D)	248	–	–	248	(D)	41
Calves ..... forms	4 031	2	90	–	–	90	5	3
number	109 616	(D)	786	–	–	786	(D)	7
$1,000	7 042	(D)	47	–	–	47	(D)	1
Cattle ..... forms	4 120	–	114	–	–	114	5	10
number	51 919	–	589	–	–	589	52	94
$1,000	21 965	–	201	–	–	201	25	40
Fattened on grain and concentrates ..... forms	400	–	27	–	–	27	1	1
number	3 405	–	84	–	–	84	(D)	(D)
$1,000	1 357	–	30	–	–	30	(D)	(D)
Hogs and pigs inventory ..... forms	1 069	–	97	–	–	97	14	12
number	7 656	–	619	–	–	619	167	(D)
Forms with—								
1 to 9	942	–	88	–	–	88	11	12
10 to 49	102	–	6	–	–	6	2	–
50 to 99	10	–	3	–	–	3	–	–
100 to 199	14	–	–	–	–	–	1	–
200 to 499	1	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–
Used or to be used for breeding ..... forms	502	–	39	–	–	39	5	7
number	2 046	–	245	–	–	245	5	(D)
Other ..... forms	844	–	94	–	–	94	13	12
number	5 610	–	374	–	–	374	162	57
Hogs and pigs sold ..... forms	574	–	41	–	–	41	7	8
number	10 786	–	537	–	–	537	175	72
$1,000	507	–	19	–	–	19	7	2
Feeder pigs sold ..... forms	277	–	11	–	–	11	3	–
number	5 955	–	98	–	–	98	(D)	–
$1,000	171	–	3	–	–	3	(D)	–
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... forms	526	–	41	–	–	41	5	7
number	1 726	–	118	–	–	118	6	14
Dec. 1 and May 31 ..... forms	422	–	34	–	–	34	4	–
number	1 036	–	69	–	–	69	(D)	–
June 1 and Nov. 30 ..... forms	230	–	21	–	–	21	1	7
number	690	–	49	–	–	49	(D)	14
Sheep and lambs of all ages inventory ..... forms	542	–	36	–	–	36	3	12
number	8 913	–	467	–	–	467	22	69
Ewes 1 year old or older ..... forms	475	–	29	–	–	29	2	11
number	6 111	–	301	–	–	301	(D)	37
Sheep and lambs sold ..... forms	278	–	19	–	–	19	1	11
number	5 678	–	159	–	–	159	(D)	15
Sheep and lambs shorn ..... forms	450	–	23	–	–	23	2	11
number	7 452	–	316	–	–	316	(D)	49
pounds of wool	54 756	–	2 442	–	–	2 442	(D)	385
Horses and ponies inventory ..... forms	1 991	–	277	–	–	277	16	29
number	8 367	–	998	–	–	998	54	91
Horses and ponies sold ..... forms	601	–	39	–	–	39	–	7
number	1 622	–	79	–	–	79	–	7
$1,000	901	–	46	–	–	46	–	1
Goats inventory ..... forms	418	–	62	–	–	62	1	7
number	2 192	–	129	–	–	129	(D)	7
Goats sold ..... forms	180	–	3	–	–	3	1	–
number	1 033	–	9	–	–	9	(D)	–
$1,000	29	–	(Z)	–	–	(Z)	(D)	–
POULTRY								
Chickens 3 months old or older inventory ..... forms	1 213	1	131	–	–	131	13	19
number	531 152	(D)	2 528	–	–	2 528	290	302
Forms with—								
1 to 399	1 181	1	131	–	–	131	13	19
400 to 3,199	17	–	–	–	–	–	–	–
3,200 to 9,999	4	–	–	–	–	–	–	–
10,000 to 19,999	5	–	–	–	–	–	–	–
20,000 to 49,999	5	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	1	–	–	–	–	–	–	–
Hens and pullets of laying age ..... forms	1 196	1	130	–	–	130	13	19
number	503 937	(D)	2 296	–	–	2 296	290	253
Pullets 3 months old or older not of laying age ..... forms	140	–	17	–	–	17	–	7
number	27 215	–	232	–	–	232	–	49

See footnote at end of table.

Table 35. **Summary by Standard Industrial Classification of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021): Total	Livestock farms, except dairy, poultry, and animal specialty (021): Beef cattle farms, except feedlots (0212)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows ..... farms	2	90	458	345	3 184	23	15	53
number	(D)	110	2 138	1 803	184 040	26	31	366
Farms with—								
1 to 4	2	90	365	267	14	23	14	44
5 to 9	–	–	41	31	34	–	–	2
10 to 49	–	–	47	43	1 548	–	1	6
50 to 99	–	–	5	4	1 237	–	–	1
100 to 199	–	–	–	–	303	–	–	–
200 to 499	–	–	–	–	45	–	–	–
500 or more	–	–	–	–	3	–	–	–
Heifers and heifer calves ..... farms	3	115	1 068	827	3 010	28	32	25
number	(D)	797	11 857	10 000	97 802	183	176	299
Steers, steer calves, bulls, and bull calves ..... farms	3	114	901	671	1 711	25	27	162
number	(D)	309	6 210	4 732	6 186	73	115	1 026
Cattle and calves sold ..... farms	18	8	1 262	1 016	3 186	15	27	164
number	26	79	25 030	22 034	132 396	119	112	2 177
$1,000	5	23	8 052	7 084	19 898	67	24	621
Calves ..... farms	3	6	720	612	3 037	10	11	144
number	4	26	12 440	11 940	94 963	27	51	1 244
$1,000	1	2	2 483	2 412	4 334	3	4	164
Cattle ..... farms	16	7	1 072	839	2 819	11	22	44
number	22	53	12 590	10 094	37 433	92	61	933
$1,000	5	21	5 570	4 672	15 563	64	20	457
Fattened on grain and concentrates ..... farms	–	1	267	77	85	3	10	5
number	–	(D)	2 075	171	1 174	13	24	20
$1,000	–	(D)	785	61	512	5	9	9
Hogs and pigs inventory ..... farms	1	34	431	208	275	19	139	47
number	(D)	139	4 875	926	1 363	39	223	163
Farms with—								
1 to 9	1	33	341	193	253	19	138	46
10 to 49	–	1	71	14	20	–	1	1
50 to 99	–	–	7	1	–	–	–	–
100 to 199	–	–	11	–	2	–	–	–
200 to 499	–	–	1	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–
Used or to be used for breeding ..... farms	–	14	207	86	78	2	131	19
number	–	43	1 254	219	273	(D)	133	83
Other ..... farms	1	30	385	187	245	17	18	29
number	(D)	96	3 621	707	1 090	(D)	90	80
Hogs and pigs sold ..... farms	–	7	289	115	75	12	128	7
number	–	214	6 646	1 400	1 904	12	1 126	100
$1,000	–	8	343	79	87	2	34	5
Feeder pigs sold ..... farms	–	4	110	41	26	–	121	2
number	–	183	3 713	683	793	–	1 085	(D)
$1,000	–	5	108	19	20	–	33	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms	–	14	224	91	82	2	132	19
number	–	36	970	210	271	(D)	253	55
Dec. 1 and May 31 ..... farms	–	6	164	62	68	2	125	19
number	–	16	492	113	155	(D)	245	(D)
June 1 and Nov. 30 ..... farms	–	12	133	55	46	1	8	1
number	–	20	478	97	116	(D)	8	(D)
Sheep and lambs of all ages inventory ..... farms	2	16	258	100	76	6	129	4
number	(D)	32	6 235	1 009	842	265	909	36
Ewes 1 year old or older ..... farms	2	14	226	74	54	5	128	4
number	(D)	23	4 360	683	544	139	645	30
Sheep and lambs sold ..... farms	2	3	186	55	42	3	7	4
number	(D)	16	4 785	656	586	40	24	25
Sheep and lambs shorn ..... farms	2	3	219	70	53	6	127	4
number	(D)	26	5 193	654	722	191	884	35
pounds of wool	(D)	283	37 462	4 745	5 929	1 111	6 411	381
Horses and ponies inventory ..... farms	7	156	477	310	592	16	279	142
number	11	551	1 473	948	2 218	63	2 416	492
Horses and ponies sold ..... farms	1	2	77	62	52	–	294	129
number	(D)	(D)	319	298	182	–	896	134
$1,000	(D)	(D)	66	59	83	–	616	87
Goats inventory ..... farms	3	11	188	30	13	2	128	3
number	21	26	836	166	33	(D)	1 109	11
Goats sold ..... farms	1	1	167	11	2	1	2	2
number	(D)	(D)	1 000	30	(D)	(D)	(D)	(D)
$1,000	(D)	(D)	27	1	(D)	(D)	(D)	(D)
POULTRY								
Chickens 3 months old or older inventory ..... farms	6	72	402	249	297	59	164	49
number	98	1 303	8 170	4 541	10 958	496 588	1 449	(D)
Farms with—								
1 to 399	6	72	402	249	292	34	164	47
400 to 3,199	–	–	–	–	5	11	–	1
3,200 to 9,999	–	–	–	–	–	3	–	1
10,000 to 19,999	–	–	–	–	–	5	–	–
20,000 to 49,999	–	–	–	–	–	5	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	1	–	–
Hens and pullets of laying age ..... farms	6	71	394	241	293	58	162	49
number	(D)	1 179	7 400	4 184	10 346	471 295	1 382	9 395
Pullets 3 months old or older not of laying age ..... farms	1	13	63	36	23	10	4	2
number	(D)	124	770	357	612	25 293	67	(D)

See footnote at end of table.

Table 35. **Summary by Standard Industrial Classification of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013): Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
POULTRY—Con.								
Chickens 3 months old or older sold ... farms	154	–	12	–	–	12	–	–
number	412 196	–	249	–	–	249	–	–
Broilers and other meat-type chickens sold ... farms	65	–	5	–	–	5	–	–
number	6 375	–	270	–	–	270	–	–
Forms with—								
1 to 1,999	65	–	5	–	–	5	–	–
2,000 to 59,999	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ... farms	27	–	1	–	–	1	–	–
number	81	–	(D)	–	–	(D)	–	–
Turkeys sold ... farms	30	–	–	–	–	–	–	–
number	11 121	–	–	–	–	–	–	–
CROPS HARVESTED								
Corn for all purposes ... farms	2 271	7	121	–	–	121	9	2
acres	101 982	292	3 137	–	–	3 137	124	(D)
Oats for grain ... farms	135	4	14	–	–	14	1	–
acres	3 366	62	646	–	–	646	(D)	–
bushels	147 097	2 498	29 526	–	–	29 526	(D)	–
Irrigated ... farms	–	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–	–
Irish potatoes ... farms	119	–	27	–	–	27	26	3
acres	700	–	570	–	–	570	61	2
hundredweight	126 834	–	111 444	–	–	111 444	6 327	210
Irrigated ... farms	11	–	–	–	–	–	10	–
acres	13	–	–	–	–	–	(D)	–
Farms by acres harvested:								
0.1 to 0.9 acres	82	–	14	–	–	14	16	1
1.0 to 4.9 acres	22	–	6	–	–	6	7	2
5.0 to 24.9 acres	9	–	2	–	–	2	2	–
25.0 to 99.9 acres	3	–	2	–	–	2	1	–
100.0 acres or more	3	–	3	–	–	3	–	–
Hay crops (see text) ... farms	5 953	5	1 011	–	–	1 011	25	37
acres	492 192	202	54 935	–	–	54 935	678	1 122
tons, dry	876 374	302	90 809	–	–	90 809	1 326	1 997
Irrigated ... farms	11	–	–	–	–	–	–	1
acres	264	–	–	–	–	–	–	(D)
Farms by acres harvested:								
1 to 24 acres	1 255	1	208	–	–	208	19	28
25 to 99 acres	2 884	4	680	–	–	680	4	7
100 to 499 acres	1 785	–	121	–	–	121	2	2
500 acres or more	29	–	2	–	–	2	–	–
Alfalfa hay ... farms	2 050	3	295	–	–	295	5	13
acres	98 979	15	13 679	–	–	13 679	351	518
tons, dry	219 212	28	28 683	–	–	28 683	726	1 187
Irrigated ... farms	1	–	–	–	–	–	–	–
acres	(D)	–	–	–	–	–	–	–
All vegetables harvested for sale (see text) ... farms	279	–	22	–	–	22	102	9
acres	1 593	–	39	–	–	39	930	(D)
Irrigated ... farms	31	–	–	–	–	–	18	6
acres	306	–	–	–	–	–	67	4
Farms by acres harvested:								
0.1 to 4.9 acres	211	–	19	–	–	19	64	8
5.0 to 24.9 acres	56	–	3	–	–	3	28	1
25.0 to 99.9 acres	10	–	–	–	–	–	9	–
100.0 acres or more	2	–	–	–	–	–	1	–
Land in orchards ... farms	392	–	24	–	–	24	10	139
acres	6 473	–	73	–	–	73	22	4 632
Irrigated ... farms	9	–	–	–	–	–	1	5
acres	212	–	–	–	–	–	(D)	207
Farms by acres in orchards:								
0.1 to 4.9 acres	137	–	18	–	–	18	8	22
5.0 to 24.9 acres	215	–	6	–	–	6	2	77
25.0 to 99.9 acres	29	–	–	–	–	–	–	29
100.0 acres or more	11	–	–	–	–	–	–	11
Apples ... farms	389	–	24	–	–	24	9	139
total acres	6 410	–	61	–	–	61	18	4 607
pounds	50 012 866	–	20 050	–	–	20 050	41 700	49 723 845

See footnote at end of table.

Table 35. **Summary by Standard Industrial Classification of Farm: 1978**—Con.

[Excludes abnormal farms; see text]

All Farms

	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021): Total	Livestock farms, except dairy, poultry, and animal specialty (021): Beef cattle farms, except feedlots (0212)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
POULTRY—Con.								
Chickens 3 months old or older sold ... forms	1	2	35	14	15	54	20	15
number	(D)	(D)	982	595	2 167	404 742	339	3 554
Broilers and other meat-type chickens sold ... forms	–	2	11	5	15	13	18	1
number	–	(D)	867	645	926	3 745	407	(D)
Forms with—								
1 to 1,999	–	2	11	5	15	13	18	1
2,000 to 59,999	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ... forms	2	2	6	3	5	1	9	1
number	(D)	(D)	18	11	14	(D)	24	(D)
Turkeys sold ... forms	1	1	11	4	10	6	–	1
number	(D)	(D)	192	120	889	10 022	–	(D)
CROPS HARVESTED								
Corn for all purposes ... forms	–	35	151	109	1 925	4	5	12
acres	–	362	3 202	2 435	94 329	38	77	390
Oats for grain ... forms	–	1	27	18	87	–	–	1
acres	–	(D)	400	274	2 253	–	–	(D)
bushels	–	(D)	16 383	12 313	98 455	–	–	(D)
Irrigated ... forms	–	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–	–
Irish potatoes ... forms	3	9	24	15	22	2	1	2
acres	6	13	23	9	18	(D)	(D)	(D)
hundredweight	124	2 530	2 647	1 962	2 088	(D)	(D)	(D)
Irrigated ... forms	–	1	–	–	–	–	–	–
acres	–	(D)	–	–	–	–	–	–
Forms by acres harvested:								
0.1 to 0.9 acres	2	7	20	13	19	2	–	1
1.0 to 4.9 acres	–	1	3	2	1	–	1	1
5.0 to 24.9 acres	1	1	1	–	2	–	–	–
25.0 to 99.9 acres	–	–	–	–	–	–	–	–
100.0 acres or more	–	–	–	–	–	–	–	–
Hay crops (see text) ... forms	22	296	1 163	838	3 061	41	100	192
acres	325	6 940	44 202	33 519	375 146	939	3 200	4 503
tons, dry	255	6 061	66 260	52 416	694 944	1 020	4 201	9 199
Irrigated ... forms	–	–	2	2	8	–	–	–
acres	–	–	(D)	(D)	237	–	–	–
Forms by acres harvested:								
1 to 24 acres	18	163	482	309	108	26	41	161
25 to 99 acres	4	132	599	463	1 362	15	56	21
100 to 499 acres	–	1	82	66	1 564	–	3	10
500 acres or more	–	–	–	–	27	–	–	–
Alfalfa hay ... forms	1	43	274	184	1 376	3	16	21
acres	(D)	584	7 149	5 542	75 379	(D)	376	851
tons, dry	(D)	714	12 162	9 566	172 561	(D)	559	2 558
Irrigated ... forms	–	–	–	–	1	–	–	–
acres	–	–	–	–	(D)	–	–	–
All vegetables harvested for sale (see text) ... forms	11	20	55	18	39	8	1	12
acres	43	64	97	36	161	227	(D)	21
Irrigated ... forms	2	2	–	–	2	1	–	–
acres	(D)	(D)	–	–	(D)	(D)	–	–
Forms by acres harvested:								
0.1 to 4.9 acres	5	17	53	16	29	5	1	10
5.0 to 24.9 acres	6	3	2	2	9	2	–	2
25.0 to 99.9 acres	–	–	–	–	1	–	–	–
100.0 acres or more	–	–	–	–	–	1	–	–
Land in orchards ... forms	7	21	160	10	14	9	6	2
acres	(D)	42	1 555	43	63	32	17	(D)
Irrigated ... forms	1	–	–	–	1	–	1	–
acres	(D)	–	–	–	(D)	–	(D)	–
Forms by acres in orchards:								
0.1 to 4.9 acres	5	21	37	8	11	8	5	2
5.0 to 24.9 acres	2	–	123	2	3	1	1	–
25.0 to 99.9 acres	–	–	–	–	–	–	–	–
100.0 acres or more	–	–	–	–	–	–	–	–
Apples ... forms	7	19	160	10	14	9	6	2
total acres	31	34	1 550	41	62	32	(D)	(D)
pounds	84 180	11 950	100 180	4 380	25 941	2 120	(D)	(D)

[1]1978 data are based on a sample of farms; see text.

Table 1. **Number, Land, and Value of Farms: 1978 and 1974**

		Farms and land in farms							Value of land and buildings[1] (dollars)			
		All farms				Farms with sales of $2,500 or more			All farms		Farms with sales of $2,500 or more	
		Farms	Acres in farms	Average size of farm (acres)	Percent of land area	Farms	Acres in farms	Average size of farm (acres)	Average per farm	Average per acre	Average per farm	Average per acre
Vermont	1978	7 273	1 752 940	241	29.6	4 835	1 479 685	306	161 885	660	195 715	625
	1974	5 906	1 667 561	282	28.1	4 531	1 487 270	328	130 338	462	149 094	454
Addison	1978	700	238 716	341	47.6	617	226 726	367	227 845	669	238 028	659
	1974	724	243 517	336	48.6	639	234 977	368	178 213	530	192 568	524
Bennington	1978	175	43 969	251	10.2	107	30 031	281	197 230	782	230 636	826
	1974	196	46 528	237	10.8	121	35 593	294	131 612	554	162 413	552
Caledonia	1978	454	122 737	270	31.3	329	105 161	320	145 402	526	175 315	533
	1974	435	123 789	285	31.6	322	109 465	340	108 821	382	130 363	383
Chittenden	1978	446	128 919	289	37.8	343	117 184	342	234 113	799	263 194	769
	1974	446	132 942	298	39.0	321	116 882	364	148 917	500	178 576	490
Essex	1978	92	25 618	278	6.0	65	21 921	337	129 469	465	160 096	475
	1974	87	27 238	313	6.4	60	22 533	376	114 414	365	134 667	359
Franklin	1978	752	226 205	301	53.6	676	214 391	317	172 463	563	182 749	558
	1974	780	228 618	293	54.1	703	218 692	311	119 926	409	127 303	409
Grand Isle	1978	129	32 012	248	60.3	111	31 030	280	221 784	872	245 670	845
	1974	146	34 161	234	64.2	120	32 332	269	126 692	541	146 375	543
Lamoille	1978	244	56 032	230	18.5	180	48 121	267	154 661	749	190 187	729
	1974	248	55 265	223	18.2	194	49 802	257	129 585	582	147 088	573
Orange	1978	535	130 773	244	29.6	392	110 879	283	148 309	603	169 202	585
	1974	515	140 498	273	31.8	389	123 895	318	114 907	421	131 612	413
Orleans	1978	637	194 812	306	42.6	557	181 327	326	178 460	562	190 006	572
	1974	666	198 693	298	43.4	563	184 618	328	114 694	384	125 451	383
Rutland	1978	523	172 941	331	29.1	393	152 976	389	188 691	523	221 216	514
	1974	520	172 187	331	29.0	407	154 703	380	136 838	413	154 889	407
Washington	1978	373	81 629	219	18.0	238	64 787	272	136 237	693	166 926	670
	1974	360	83 818	233	18.5	232	68 609	296	113 703	488	143 129	484
Windham	1978	271	64 513	238	12.9	176	48 232	274	209 859	886	237 369	860
	1974	280	68 747	246	13.7	164	50 771	310	140 975	574	176 165	569
Windsor	1978	521	114 173	219	18.5	303	81 320	268	178 042	734	200 409	663
	1974	503	111 560	222	18.1	296	84 398	285	119 181	537	144 946	508
Farms not on mail list	1978	1 421	119 891	84	–	348	45 599	131	79 300	940	82 146	627

[1] 1978 data are based on a sample of farms; see text.

Table 2. **Land Use: 1978**

All Farms Part 1 of 2

	Cropland									
	Total		Harvested		Used only for pasture		In cover crops		On which all crops failed	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Vermont	7 095	861 662	6 582	580 792	4 791	254 001	295	5 424	111	1 828
Addison	681	160 658	663	118 783	438	36 914	34	1 034	26	762
Bennington	171	16 376	161	10 700	105	5 016	11	296	–	–
Caledonia	437	53 026	418	35 100	317	16 216	18	229	3	(D)
Chittenden	441	67 809	424	47 469	277	18 863	22	477	8	108
Essex	87	9 134	84	6 551	49	2 212	5	(D)	–	–
Franklin	728	118 872	712	81 183	484	34 673	27	558	17	526
Grand Isle	127	22 891	122	16 905	63	4 146	13	208	5	61
Lamoille	233	26 333	219	18 993	150	6 589	6	(D)	4	38
Orange	520	54 711	500	34 782	347	18 088	28	493	8	37
Orleans	628	97 088	617	65 982	455	29 087	25	587	4	41
Rutland	509	74 633	491	49 374	312	23 308	19	428	4	72
Washington	364	36 298	348	23 847	234	11 567	17	189	9	61
Windham	261	26 095	250	17 243	158	7 874	23	176	4	(D)
Windsor	509	42 320	485	28 045	324	13 040	18	335	4	30
Farms not on mail list	1 399	55 418	1 088	25 835	1 078	26 408	29	172	15	15

All Farms Part 2 of 2

	Cropland – Con.				Woodland				Other pastureland and rangeland		Land in house lots, ponds, roads, wasteland, etc.	
	In cultivated summer fallow		Idle		Pastured		Not pastured					
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Vermont	110	1 992	618	17 625	2 310	168 958	4 541	531 423	1 646	116 787	4 228	74 110
Addison	11	509	66	2 656	256	15 973	404	34 766	200	17 300	465	10 019
Bennington	7	75	21	289	53	3 506	124	18 505	44	3 388	107	2 194
Caledonia	5	(D)	40	1 392	157	12 134	347	47 253	93	5 739	246	4 585
Chittenden	6	152	31	740	138	8 900	278	35 609	124	10 753	267	5 848
Essex	1	(D)	5	222	34	2 038	58	11 804	26	1 423	41	1 219
Franklin	10	294	38	1 638	368	32 156	411	48 550	235	19 851	423	6 776
Grand Isle	4	58	31	1 513	39	1 982	72	3 702	40	1 929	88	1 508
Lamoille	4	(D)	17	554	83	4 011	162	21 321	50	2 210	134	2 157
Orange	10	39	42	1 272	188	14 525	362	46 087	135	10 122	308	5 328
Orleans	6	111	51	1 280	293	23 902	425	58 315	125	9 368	309	6 139
Rutland	12	163	48	1 288	229	20 854	343	55 178	175	15 687	321	6 589
Washington	6	55	30	579	107	5 697	272	30 812	98	6 126	219	2 696
Windham	9	(D)	24	457	80	5 736	190	28 090	56	2 576	147	2 016
Windsor	4	10	41	860	145	10 389	380	49 040	110	5 894	319	6 530
Farms not on mail list	15	103	133	2 885	140	7 155	713	42 391	135	4 421	834	10 506

Table 3. **Irrigation: 1978**

All Farms

	Irrigated land according to use								Land in irrigated farms		
	Total		Harvested cropland		Pastureland		Other land				
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Acres	Acres of cropland	Acres of harvested cropland
Vermont	109	1 595	95	1 313	13	259	5	23	19 688	10 982	8 160
Addison	26	723	25	(D)	2	(D)	–	–	10 743	6 938	5 367
Bennington	6	32	6	31	–	–	1	(D)	677	289	251
Caledonia	1	(D)	1	(D)	–	–	–	–	(D)	(D)	(D)
Chittenden	9	(D)	7	(D)	–	–	2	(D)	503	332	261
Essex	–	–	–	–	–	–	–	–	–	–	–
Franklin	9	137	7	(D)	2	(D)	–	–	2 788	1 459	1 124
Grand Isle	5	23	4	(D)	–	–	1	(D)	610	333	194
Lamoille	3	3	2	(D)	1	(D)	–	–	82	32	17
Orange	8	25	8	25	–	–	–	–	265	137	75
Orleans	2	(D)	2	(D)	–	–	–	–	(D)	(D)	(D)
Rutland	4	(D)	4	(D)	–	–	–	–	950	314	171
Washington	7	14	7	14	–	–	–	–	658	119	56
Windham	9	102	9	102	–	–	–	–	1 006	291	241
Windsor	5	54	5	40	1	(D)	1	(D)	407	171	55
Farms not on mail list	15	198	8	16	7	182	–	–	479	373	191

Table 4. **Farms by Tenure of Operator: 1978**

All Farms

	All farms					Farms with sales of $2,500 or more				
	Total	Full owners	Part owners	Tenants	Percent of tenancy	Total	Full owners	Part owners	Tenants	Percent of tenancy
Vermont	7 273	4 033	2 785	455	6.3	4 835	2 171	2 335	329	6.8
Addison	700	358	296	46	6.6	617	296	282	39	6.3
Bennington	175	91	77	7	4.0	107	43	57	7	6.5
Caledonia	454	235	193	26	5.7	329	126	179	24	7.3
Chittenden	446	260	163	23	5.2	343	180	147	16	4.7
Essex	92	62	24	6	6.5	65	39	21	5	7.7
Franklin	752	449	283	20	2.7	676	383	275	18	2.7
Grand Isle	129	62	65	2	1.6	111	45	64	2	1.8
Lamoille	244	123	110	11	4.5	180	74	95	11	6.1
Orange	535	266	236	33	6.2	392	142	219	31	7.9
Orleans	637	312	277	48	7.5	557	244	267	46	8.3
Rutland	523	260	226	37	7.1	393	167	199	27	6.9
Washington	373	208	141	24	6.4	238	98	120	20	8.4
Windham	271	142	107	22	8.1	176	74	83	19	10.8
Windsor	521	296	198	27	5.2	303	135	149	19	6.3
Farms not on mail list	1 421	909	389	123	8.7	348	125	178	45	12.9

Table 5. **Farms and Land in Farms by Type of Organization: 1978**

All Farms

	Individual or family		Partnership		Corporation				Other – cooperative, estate or trust, institutional, etc.	
					Family held		Other than family held			
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Vermont	6 572	1 478 116	511	188 748	125	59 679	20	9 735	45	16 662
Addison	594	183 045	73	37 243	21	14 721	3	924	9	2 783
Bennington	157	33 481	11	5 743	4	595	2	(D)	1	(D)
Caledonia	410	104 913	34	11 824	6	4 806	2	(D)	2	(D)
Chittenden	375	99 921	53	21 630	11	3 856	2	(D)	5	(D)
Essex	85	23 543	6	1 975	–	–	–	–	1	(D)
Franklin	678	199 161	53	16 608	15	8 499	3	1 002	3	935
Grand Isle	119	29 703	8	(D)	2	(D)	–	–	–	–
Lamoille	220	47 770	17	(D)	5	2 676	1	(D)	1	(D)
Orange	478	111 947	46	14 555	9	(D)	–	–	2	(D)
Orleans	570	170 095	54	17 814	9	4 636	3	(D)	1	(D)
Rutland	458	139 657	48	26 481	14	5 551	2	(D)	1	(D)
Washington	336	71 079	28	7 922	6	1 416	1	(D)	2	(D)
Windham	226	49 322	30	9 072	9	(D)	1	(D)	5	3 357
Windsor	475	95 485	27	10 550	14	6 142	–	–	5	1 996
Farms not on mail list	1 391	118 994	23	827	–	–	–	–	7	70

Table 6. **Characteristics of Operators: 1978**

All Farms

	Operators			Operators by place of residence		Operators reporting days of work off farm				Operators by principal occupation	
	Male	Female	Average age	On farm operated	Not on farm operated	Any days	1 to 99 days	100 to 199 days	200 days or more	Farming	Other
Vermont	6 681	592	48.3	6 371	491	3 542	770	673	2 099	4 571	2 702
Addison	675	25	47.4	617	39	211	73	28	110	565	135
Bennington	160	15	51.6	144	17	87	26	11	50	103	72
Caledonia	426	28	49.2	392	31	224	56	28	140	284	170
Chittenden	415	31	51.7	374	35	201	32	38	131	277	169
Essex	89	3	52.8	78	4	40	14	7	19	68	24
Franklin	710	42	47.6	656	43	219	79	29	111	620	132
Grand Isle	127	2	47.9	112	7	47	13	6	28	90	39
Lamoille	229	15	48.2	204	22	124	40	17	67	159	85
Orange	500	35	50.0	462	47	245	86	46	113	365	170
Orleans	608	29	46.9	534	52	228	86	38	104	493	144
Rutland	475	48	49.9	443	42	254	61	57	136	344	179
Washington	341	32	50.5	322	26	192	40	26	126	210	163
Windham	242	29	51.7	231	28	150	42	25	83	155	116
Windsor	465	56	52.4	449	37	304	64	56	184	273	248
Farms not on mail list	1 219	202	44.0	1 353	61	1 016	58	261	697	565	856

Table 7. **Farms by Value of Sales and Occupation: 1978**

All Farms

		Farms with sales of $20,000 or more			Farms with sales of less than $20,000			
			Occupation			Occupation		
	Farms	Total	Farming	Other than farming	Total	Farming	Other than farming	Abnormal farms (see text)
Vermont	7 273	3 162	2 976	186	4 096	1 588	2 508	15
Addison	700	496	474	22	199	89	110	5
Bennington	175	62	61	1	113	42	71	–
Caledonia	454	202	189	13	252	95	157	–
Chittenden	446	228	207	21	215	70	145	3
Essex	92	42	41	1	50	27	23	–
Franklin	752	573	541	32	179	79	100	–
Grand Isle	129	75	68	7	54	22	32	–
Lamoille	244	133	119	14	111	40	71	–
Orange	535	261	244	17	272	120	152	2
Orleans	637	429	413	16	208	80	128	–
Rutland	523	269	250	19	254	94	160	–
Washington	373	146	137	9	226	73	153	1
Windham	271	88	83	5	180	69	111	3
Windsor	521	128	119	9	392	153	239	1
Farms not on mail list	1 421	30	30	–	1 391	535	856	–

Table 8. **Farms by Standard Industrial Classification: 1978**

All Farms
Part 1 of 2

			Field crop except cash grain (013)					
	Farms	Cash grain (011)	Total (013)	Cotton (0131)	Tobacco (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop (0133, 0134, 0139)	Vegetable and melon (016)	Fruit and tree nut (017)
Vermont	7 273	13	1 035	–	–	1 035	102	167
Addison	700	5	53	–	–	53	5	32
Bennington	175	–	32	–	–	32	3	3
Caledonia	454	–	88	–	–	88	7	4
Chittenden	446	1	69	–	–	69	13	8
Essex	92	–	12	–	–	12	–	1
Franklin	752	1	63	–	–	63	8	–
Grand Isle	129	2	21	–	–	21	1	6
Lamoille	244	–	42	–	–	42	2	3
Orange	535	1	67	–	–	67	5	14
Orleans	637	–	100	–	–	100	3	1
Rutland	523	3	73	–	–	73	7	6
Washington	373	–	75	–	–	75	7	5
Windham	271	–	40	–	–	40	10	20
Windsor	521	–	102	–	–	102	9	14
Farms not on mail list	1 421	–	198	–	–	198	22	50

Table 8. **Farms by Standard Industrial Classification: 1978**—Con.

All Farms
Part 2 of 2

	Horticultural specialty (018)	General, primarily crop (019)	Livestock except dairy, poultry, and animal specialty (021)		Dairy (024)	Poultry and egg (025)	Animal specialty (027)	General, primarily livestock (029)
			Total	Beef cattle, except feedlots (0212)				
Vermont	165	301	1 659	1 088	3 205	84	323	219
Addison	10	8	87	54	472	3	22	3
Bennington	8	5	56	46	55	3	8	2
Caledonia	6	20	94	63	211	5	14	5
Chittenden	10	7	89	62	215	8	20	6
Essex	4	1	27	24	44	1	1	1
Franklin	6	4	73	60	579	8	6	4
Grand Isle	2	3	17	13	70	2	2	3
Lamoille	5	5	41	31	135	4	5	2
Orange	10	15	121	87	272	9	14	7
Orleans	8	7	54	41	455	1	8	–
Rutland	9	14	124	90	266	3	10	8
Washington	10	12	95	68	151	2	13	3
Windham	14	14	77	48	79	5	10	2
Windsor	14	19	188	136	141	6	18	10
Farms not on mail list	49	167	516	265	60	24	172	163

Table 9. **Farms by Market Value of Agricultural Products Sold: 1978**

[Excludes abnormal farms; see text]

	Farms	Farms with sales of $2,500 or more							Farms with sales less than $2,500			
		Total	$100,000 or more	$40,000 to $99,999	$20,000 to $39,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Total	$2,000 to $2,499	$1,500 to $1,999	$1,000 to $1,499 (see text)
Vermont	7 258	4 835	767	1 670	725	476	455	742	2 423	264	330	1 829
Addison	695	617	223	209	64	49	26	46	78	9	15	54
Bennington	175	107	15	32	15	11	16	18	68	13	13	42
Caledonia	454	329	30	105	67	38	38	51	125	17	22	86
Chittenden	443	343	68	115	45	31	38	46	100	14	20	66
Essex	92	65	10	20	12	7	8	8	27	2	3	22
Franklin	752	676	149	319	105	35	38	30	76	10	17	49
Grand Isle	129	111	15	46	14	12	16	8	18	4	1	13
Lamoille	244	180	34	71	28	24	7	16	64	14	13	37
Orange	533	392	43	134	84	42	44	45	141	22	31	88
Orleans	637	557	74	246	109	54	35	39	80	9	15	56
Rutland	523	393	55	153	61	42	35	47	130	20	18	92
Washington	372	238	16	84	46	30	33	29	134	13	22	99
Windham	268	176	23	49	16	26	26	36	92	13	19	60
Windsor	520	303	12	72	44	38	49	88	217	39	32	146
Farms not on mail list	1 421	348	–	15	15	37	46	235	1 073	65	89	919

Table 10. **Market Value of Agricultural Products Sold for All Farms: 1978**

	Products sold		Crops, including nursery and greenhouse products		Livestock and livestock products		Poultry and poultry products	
	Total ($1,000)	Average per farm (dollars)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Vermont	274 318	37 717	2 198	17 475	5 644	250 580	466	6 263
Addison	53 019	75 742	180	(D)	612	48 645	30	(D)
Bennington	5 097	29 124	70	758	129	4 332	12	7
Caledonia	17 426	38 383	151	(D)	354	13 470	30	(D)
Chittenden	22 190	49 753	147	1 391	356	20 054	33	744
Essex	3 577	38 885	21	(D)	74	3 356	4	(D)
Franklin	48 226	64 130	136	954	681	46 732	29	540
Grand Isle	5 932	45 984	52	704	97	5 221	5	7
Lamoille	11 216	45 968	73	(D)	191	10 260	10	(D)
Orange	18 989	35 493	171	1 000	439	17 749	38	239
Orleans	33 640	52 811	146	(D)	541	32 482	26	(D)
Rutland	20 286	38 788	147	1 313	429	18 852	32	121
Washington	10 613	28 454	134	751	287	9 589	40	273
Windham	10 519	38 816	111	(D)	195	7 900	28	(D)
Windsor	10 150	19 482	204	840	400	9 274	44	36
Farms not on mail list	3 437	2 418	455	756	859	2 663	105	17

Table 11. Market Value of Agricultural Products Sold for Farms with Sales of $2,500 or More: 1978

	Products sold		Crops including nursery and greenhouse products		Livestock and livestock products		Poultry and poultry products	
	Total ($1,000)	Average per farm (dollars)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Vermont	271 309	56 114	1 357	16 513	4 276	248 572	262	6 224
Addison	52 777	85 539	149	(D)	557	48 435	21	(D)
Bennington	5 015	46 866	41	(D)	88	4 288	4	(D)
Caledonia	17 301	52 587	102	(D)	288	13 402	18	(D)
Chittenden	21 901	63 852	98	1 337	294	19 821	23	743
Essex	3 553	54 658	15	(D)	56	3 338	3	(D)
Franklin	48 137	71 208	99	918	633	46 680	18	539
Grand Isle	5 915	53 290	43	691	91	5 217	5	7
Lamoille	11 131	61 838	43	(D)	157	10 218	7	(D)
Orange	18 693	47 685	114	924	354	17 534	25	235
Orleans	33 555	60 242	107	(D)	500	32 438	17	(D)
Rutland	20 145	51 258	100	1 261	346	18 762	25	121
Washington	10 472	43 999	79	697	199	9 505	21	269
Windham	10 196	57 933	81	(D)	128	7 625	15	(D)
Windsor	9 780	32 277	114	741	260	9 005	23	33
Farms not on mail list	2 739	7 872	172	433	325	2 303	37	3

Table 12. Selected Farm Production Expenses: 1978

[1978 data are based on a sample of farms; see text]

All Farms Part 1 of 2

	Livestock and poultry purchased		Feed for livestock and poultry					Animal health costs		Seeds, bulbs, plants, and trees	
			Total		Commercially mixed formula feed						
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Tons	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Vermont	3 492	16 104	6 232	85 682	4 982	455 588	67 258	5 288	3 492	3 703	3 354
Addison	269	2 048	613	17 119	575	84 793	12 781	588	700	525	744
Bennington	65	129	137	1 332	90	6 981	989	113	63	91	98
Caledonia	187	975	363	5 773	251	33 062	4 948	323	209	197	102
Chittenden	200	995	395	6 092	290	31 696	4 649	349	269	223	295
Essex	40	198	75	1 079	55	5 750	928	61	41	48	30
Franklin	464	3 332	702	15 492	628	85 053	12 052	667	631	509	494
Grand Isle	68	464	99	1 552	81	7 944	1 213	84	81	94	140
Lamoille	139	1 197	207	3 461	179	19 463	2 900	182	135	127	120
Orange	259	880	464	6 072	337	33 965	5 029	432	214	304	124
Orleans	329	2 719	560	11 279	496	59 760	8 952	485	396	310	253
Rutland	180	595	445	6 163	317	34 076	4 901	408	221	302	218
Washington	197	649	296	3 170	238	17 577	2 586	271	153	195	152
Windham	100	470	177	2 562	116	12 882	1 799	152	117	132	287
Windsor	281	474	437	3 169	300	17 154	2 631	380	150	222	98
Farms not on mail list	714	980	1 262	1 367	1 029	5 432	900	793	112	424	198

All Farms Part 2 of 2

	Commercial fertilizer		Other agricultural chemicals, including lime		Hired farm labor		Contract labor		Customwork, and rental of machinery and equipment		Energy and petroleum products	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Vermont	4 756	9 524	4 049	2 810	3 866	21 635	445	659	1 711	1 296	7 251	15 542
Addison	622	1 854	509	644	525	4 017	43	200	226	207	701	2 821
Bennington	120	201	104	66	100	404	5	17	38	20	175	327
Caledonia	305	546	251	140	239	1 291	18	28	116	84	454	849
Chittenden	251	559	246	179	280	1 994	23	30	94	73	442	1 231
Essex	64	123	48	37	54	344	4	7	29	26	91	216
Franklin	587	1 648	533	427	543	3 584	31	22	261	267	752	2 408
Grand Isle	84	210	80	86	75	562	6	5	24	25	127	398
Lamoille	168	300	161	135	137	815	3	2	80	35	239	596
Orange	406	550	354	152	318	1 244	30	40	156	65	530	1 090
Orleans	526	1 285	377	268	496	2 031	46	63	226	144	637	1 785
Rutland	351	748	317	200	326	1 588	26	66	102	90	525	1 267
Washington	249	421	192	91	170	924	11	8	112	63	370	628
Windham	154	415	144	165	134	1 653	9	35	84	138	266	629
Windsor	351	375	224	112	273	1 083	23	64	95	48	521	760
Farms not on mail list	518	291	509	108	196	102	167	68	68	11	1 421	536

Table 13. Energy Expenses and Fuel Storage Capacity for Farm Business: 1978

[1978 data are based on a sample of farms; see text]

All Farms Part 1 of 3

	Total		Gasoline					Diesel fuel				
						Storage capacity					Storage capacity	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Purchased (1,000 gallons)	Farms	Size (1,000 gallons)	Farms	Expenses ($1,000)	Purchased (1,000 gallons)	Farms	Size (1,000 gallons)
Vermont	7 251	15 542	7 034	5 342	8 538	3 189	1 373	3 509	2 657	5 209	2 458	918
Addison	701	2 821	681	816	1 316	457	207	560	652	1 268	472	199
Bennington	175	327	168	120	193	81	44	72	51	99	62	19
Caledonia	454	849	430	327	518	178	79	224	136	274	112	42
Chittenden	442	1 231	432	366	593	163	71	222	206	406	163	73
Essex	91	216	87	85	135	51	24	46	32	61	27	8
Franklin	752	2 408	701	675	1 073	395	146	535	441	866	385	128
Grand Isle	127	398	123	122	197	55	23	88	86	172	59	27
Lamoille	239	596	238	199	313	95	54	152	116	224	101	45
Orange	530	1 090	524	367	599	276	104	286	151	295	212	64
Orleans	637	1 785	619	708	1 124	379	180	365	260	509	251	100
Rutland	525	1 267	508	508	814	235	119	300	201	389	189	62
Washington	370	628	364	193	306	135	54	177	110	219	116	45
Windham	266	629	261	261	407	101	47	109	81	160	90	30
Windsor	521	760	516	334	535	318	136	193	85	168	160	50
Farms not on mail list	1 421	536	1 382	259	415	270	85	180	50	99	59	24

All Farms Part 2 of 3

	LP gas, butane, and propane					Fuel oil				
				Storage capacity					Storage capacity	
	Farms	Expenses ($1,000)	Purchased (1,000 gallons)	Farms	Size (1,000 gallons)	Farms	Expenses ($1,000)	Purchased (1,000 gallons)	Farms	Size (1,000 gallons)
Vermont	751	248	469	359	112	824	724	1 401	448	247
Addison	131	58	111	76	26	138	127	246	89	44
Bennington	15	6	11	8	(D)	14	10	18	4	3
Caledonia	28	12	21	4	1	51	30	59	24	10
Chittenden	26	22	37	13	5	77	89	171	34	17
Essex	18	4	7	10	2	13	12	22	6	4
Franklin	50	18	31	27	6	114	102	201	71	34
Grand Isle	26	11	21	20	9	15	10	21	9	3
Lamoille	14	11	21	5	7	39	31	59	21	12
Orange	77	23	44	58	14	51	82	151	28	33
Orleans	77	21	40	41	12	107	76	148	61	29
Rutland	38	5	10	29	5	57	50	100	36	16
Washington	33	14	27	25	8	18	17	31	16	14
Windham	16	5	10	2	(D)	34	46	90	14	8
Windsor	68	27	58	34	11	60	33	62	28	18
Farms not on mail list	134	11	19	7	4	36	10	20	7	2

All Farms Part 3 of 3

	Natural gas		Kerosene, motor oil, and grease		Electricity		Other—coal, wood, coke, etc.	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Vermont	35	10	7 239	844	5 184	5 506	473	210
Addison	9	3	701	145	586	1 009	17	11
Bennington	1	(D)	175	18	118	114	7	9
Caledonia	2	(D)	442	48	348	276	58	(D)
Chittenden	–	–	442	67	338	469	26	12
Essex	2	(D)	91	14	69	65	13	(D)
Franklin	5	3	752	121	665	1 026	49	23
Grand Isle	2	(D)	127	20	106	146	8	(D)
Lamoille	–	–	239	30	190	201	14	9
Orange	1	(D)	530	56	438	388	52	(D)
Orleans	7	1	637	101	503	596	61	22
Rutland	6	1	525	66	387	421	34	15
Washington	–	–	370	36	314	237	16	20
Windham	–	–	266	33	161	190	38	13
Windsor	–	–	521	42	388	219	44	21
Farms not on mail list	–	–	1 421	47	573	152	36	8

Table 14. **Hired Farm Labor—Expenses and Number of Workers: 1978**

[1978 data are based on a sample of farms; see text]

All Farms

			Reporting only workers working less than 150 days			Reporting only workers working 150 days or more			Reporting both—workers working less than 150 days or 150 days or more			
	Farms	Expenses ($1,000)	Farms	Workers	Expenses ($1,000)	Farms	Workers	Expenses ($1,000)	Farms	less than 150 days	150 days or more	Expenses ($1,000)
Vermont	3 866	21 635	1 764	5 509	2 010	930	1 730	7 025	1 172	4 720	2 416	12 601
Addison	525	4 017	176	601	269	163	322	1 563	186	753	392	2 185
Bennington	100	404	48	147	50	14	19	74	38	104	64	280
Caledonia	239	1 291	112	250	108	73	142	594	54	149	89	589
Chittenden	280	1 994	110	520	176	70	130	630	100	395	230	1 188
Essex	54	344	24	92	24	17	30	115	13	56	45	204
Franklin	543	3 584	165	525	270	162	285	1 107	216	791	435	2 207
Grand Isle	75	562	33	154	67	6	14	74	36	248	80	421
Lamoille	137	815	53	184	60	25	62	262	59	228	123	493
Orange	318	1 244	164	618	152	64	101	297	90	329	173	796
Orleans	496	2 031	283	765	293	89	194	796	124	486	228	942
Rutland	326	1 588	126	388	100	88	143	501	112	389	198	986
Washington	170	924	74	336	99	58	92	355	38	151	91	470
Windham	134	1 653	63	229	158	18	43	238	53	365	168	1 257
Windsor	273	1 083	144	337	101	76	139	400	53	276	100	582
Farms not on mail list	196	102	189	363	83	7	14	18	–	–	–	–

Table 15. **Estimated Market Value of All Machinery and Equipment: 1978**

[1978 data are based on a sample of farms; see text]

All Farms

	Total		Farms by estimated value of machinery and equipment								
	Farms	Estimated value ($1,000)	$1 to $4,999	$5,000 to $9,999	$10,000 to $19,999	$20,000 to $29,999	$30,000 to $49,999	$50,000 to $69,999	$70,000 to $99,999	$100,000 to $199,999	$200,000 or more
Vermont	7 268	225 195	1 052	1 760	1 044	830	1 003	573	486	458	62
Addison	701	39 693	21	76	53	67	163	89	120	97	15
Bennington	175	4 859	19	40	38	22	20	23	6	6	1
Caledonia	454	13 763	55	75	111	77	33	41	32	27	3
Chittenden	447	15 078	65	46	112	52	73	26	33	36	4
Essex	92	2 992	13	18	16	13	7	10	11	3	1
Franklin	752	34 967	36	85	92	100	129	114	88	104	4
Grand Isle	127	6 028	6	19	17	15	30	8	11	19	2
Lamoille	244	9 275	71	28	15	33	35	18	21	20	3
Orange	535	15 853	33	152	58	97	95	60	21	13	6
Orleans	638	24 180	55	60	129	108	115	56	63	45	7
Rutland	520	18 553	43	140	63	45	83	51	43	45	7
Washington	370	9 220	48	103	56	27	86	33	8	9	–
Windham	271	7 937	28	68	38	55	37	20	12	9	4
Windsor	521	13 211	32	175	102	74	74	24	17	18	5
Farms not on mail list	1 421	9 587	527	675	144	45	23	–	–	7	–

Table 16. **Cattle and Calves—Inventory and Sales: 1978**

All Farms
Part 1 of 10

	Inventory											
	Cattle and calves		Cows and heifers that had calved						Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Beef cows		Milk cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Vermont	5 395	326 517	4 826	198 315	1 512	10 891	3 919	187 424	4 535	113 526	3 111	14 676
Addison	577	59 595	546	34 890	91	631	496	34 259	536	22 833	344	1 872
Bennington	127	6 279	116	3 437	57	475	73	2 962	109	2 373	76	469
Caledonia	346	19 440	301	11 123	91	580	244	10 543	312	7 417	199	900
Chittenden	336	25 425	308	15 107	93	806	243	14 301	299	9 141	204	1 177
Essex	73	4 255	70	2 621	22	211	57	2 410	66	1 344	42	290
Franklin	670	55 228	635	37 449	67	427	601	37 022	597	16 194	353	1 585
Grand Isle	93	6 430	82	4 260	17	265	75	3 995	78	1 934	61	236
Lamoille	186	11 958	168	7 754	33	173	146	7 581	152	3 320	111	884
Orange	412	23 231	382	13 170	118	629	328	12 541	374	9 177	246	884
Orleans	531	39 224	507	26 072	79	512	480	25 560	493	12 122	284	1 030
Rutland	417	26 835	381	15 153	130	1 147	312	14 006	372	10 249	248	1 433
Washington	264	13 527	248	7 962	91	655	195	7 307	229	5 038	145	527
Windham	178	10 478	164	6 143	80	613	112	5 530	155	3 782	130	553
Windsor	381	15 079	348	8 319	197	1 476	214	6 843	324	5 549	258	1 211
Farms not on mail list	804	9 533	570	4 855	346	2 291	343	2 564	439	3 053	410	1 625

Table 16. **Cattle and Calves—Inventory and Sales: 1978**—Con.

All Farms
Part 2 of 10

	Sales											
	Cattle and calves			Calves			Cattle					
							Total			Fattened on grain and concentrates		
	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)
Vermont	4 862	161 875	29 078	4 040	109 829	7 065	4 129	52 046	22 013	400	3 405	1 357
Addison	571	28 521	5 035	507	19 839	1 280	514	8 682	3 755	28	350	157
Bennington	116	2 954	664	84	1 666	122	105	1 288	543	16	78	30
Caledonia	319	8 688	1 600	254	5 695	350	271	2 993	1 250	39	206	80
Chittenden	324	14 179	3 164	270	9 068	708	281	5 111	2 455	29	667	309
Essex	74	1 913	354	58	1 254	61	66	659	292	7	27	9
Franklin	663	31 726	4 632	611	24 143	1 590	576	7 583	3 043	17	548	179
Grand Isle	94	3 609	569	82	2 508	130	83	1 101	439	6	40	26
Lamoille	182	6 869	1 295	161	4 753	357	159	2 116	939	13	111	40
Orange	398	10 554	2 234	328	6 280	353	358	4 274	1 880	33	263	113
Orleans	524	19 137	2 933	478	13 551	554	456	5 586	2 379	29	167	80
Rutland	397	12 027	2 312	336	8 071	614	349	3 956	1 698	40	361	130
Washington	250	5 791	1 022	192	3 555	164	223	2 236	857	20	86	33
Windham	169	4 912	900	129	3 180	182	152	1 732	718	25	163	64
Windsor	343	6 402	1 342	240	3 591	216	306	2 811	1 125	44	188	70
Farms not on mail list	438	4 593	1 023	310	2 675	383	230	1 918	640	54	150	36

All Farms
Part 3 of 10

	Cattle and calves—inventory per farm										
	Total		Farms with—							500 or more	
	Farms	Number	1 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number
Vermont	5 395	326 517	492	644	631	1 015	1 566	847	191	9	5 481
Addison	577	59 595	17	25	26	66	173	207	62	1	(D)
Bennington	127	6 279	12	18	25	22	33	16	1	–	–
Caledonia	346	19 440	24	36	34	96	100	46	10	–	–
Chittenden	336	25 425	22	31	30	63	96	75	17	2	(D)
Essex	73	4 255	3	7	12	16	25	7	3	–	–
Franklin	670	55 228	13	13	40	121	300	147	34	2	(D)
Grand Isle	93	6 430	4	7	7	18	37	16	4	–	–
Lamoille	186	11 958	17	12	15	45	62	29	5	1	(D)
Orange	412	23 231	32	30	52	113	127	48	10	–	–
Orleans	531	39 224	17	13	36	110	245	93	15	2	(D)
Rutland	417	26 835	26	27	50	75	142	89	8	–	–
Washington	264	13 527	25	31	31	59	87	25	6	–	–
Windham	178	10 478	16	20	34	35	45	18	2	1	(D)
Windsor	381	15 079	47	57	80	88	78	24	7	–	–
Farms not on mail list	804	9 533	217	317	159	88	16	7	–	–	–

All Farms
Part 4 of 10

	Cows and heifers that had calved—inventory per farm										
	Total		Farms with—							500 or more	
	Farms	Number	1 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number
Vermont	4 826	198 315	1 000	292	380	1 528	1 264	312	47	3	1 842
Addison	546	34 890	41	18	17	135	244	84	7	–	–
Bennington	116	3 437	28	19	10	32	24	2	1	–	–
Caledonia	301	11 123	44	30	26	116	66	19	–	–	–
Chittenden	308	15 107	53	16	20	90	96	29	3	1	(D)
Essex	70	2 621	15	4	6	27	14	3	1	–	–
Franklin	635	37 449	25	15	26	226	261	74	7	1	(D)
Grand Isle	82	4 260	8	4	2	30	31	5	2	–	–
Lamoille	168	7 754	26	3	15	64	45	13	2	–	–
Orange	382	13 170	73	17	43	163	71	11	4	–	–
Orleans	507	26 072	34	8	30	234	164	28	8	1	(D)
Rutland	381	15 153	57	28	32	122	125	16	1	–	–
Washington	248	7 962	51	21	22	95	49	9	1	–	–
Windham	164	6 143	46	19	16	47	23	6	7	–	–
Windsor	348	8 319	101	59	47	89	43	6	3	–	–
Farms not on mail list	570	4 855	398	31	68	58	8	7	–	–	–

Table 16. **Cattle and Calves—Inventory and Sales: 1978**—Con.

All Farms
Part 5 of 10

	Beef cows—inventory per farm										
	Total		Forms with—							500 or more	
	Forms	Number	1 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Forms	Number
Vermont	1 512	10 891	897	264	211	122	14	3	1	–	–
Addison	91	631	57	17	11	5	–	1	–	–	–
Bennington	57	475	28	15	9	4	1	–	–	–	–
Caledonia	91	580	49	22	14	6	–	–	–	–	–
Chittenden	93	806	56	16	13	4	3	1	–	–	–
Essex	22	211	11	6	1	3	1	–	–	–	–
Franklin	67	427	42	12	10	2	1	–	–	–	–
Grand Isle	17	265	8	3	2	2	2	–	–	–	–
Lamoille	33	173	23	3	5	2	–	–	–	–	–
Orange	118	629	80	16	18	3	1	–	–	–	–
Orleans	79	512	54	11	8	4	2	–	–	–	–
Rutland	130	1 147	64	32	22	10	1	–	1	–	–
Washington	91	655	54	15	13	8	1	–	–	–	–
Windham	80	613	44	15	13	7	1	–	–	–	–
Windsor	197	1 476	100	50	34	12	–	1	–	–	–
Farms not on mail list	346	2 291	227	31	38	50	–	–	–	–	–

All Farms
Part 6 of 10

	Milk cows—inventory per farm										Dairy products sold	
	Total		Forms with—						500 or more			
	Forms	Number	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Forms	Number	Forms	Sales ($1,000)
Vermont	3 919	187 424	714	179	1 426	1 248	304	45	3	1 842	3 363	219 321
Addison	496	34 259	22	9	133	243	82	7	–	–	487	43 308
Bennington	73	2 962	19	–	28	23	2	1	–	–	60	3 618
Caledonia	244	10 543	35	14	110	66	19	–	–	–	220	11 756
Chittenden	243	14 301	24	8	86	94	27	3	1	(D)	228	16 714
Essex	57	2 410	12	4	24	13	3	1	–	–	45	2 996
Franklin	601	37 022	19	15	226	260	73	7	1	(D)	591	42 052
Grand Isle	75	3 995	8	1	28	33	3	2	–	–	74	4 600
Lamoille	146	7 581	13	11	62	45	13	2	–	–	138	8 921
Orange	328	12 541	54	29	161	69	11	4	–	–	296	15 370
Orleans	480	25 560	25	24	233	161	29	7	1	(D)	467	29 443
Rutland	312	14 006	41	17	117	122	15	–	–	–	278	16 410
Washington	195	7 307	40	10	88	47	9	1	–	–	163	8 436
Windham	112	5 530	35	3	39	22	6	7	–	–	92	6 829
Windsor	214	6 843	77	12	75	42	5	3	–	–	156	7 738
Farms not on mail list	343	2 564	290	22	16	8	7	–	–	–	68	1 130

All Farms
Part 7 of 10

	Cattle and calves—sales per farm										
	Total			Forms with—						500 or more	
	Forms	Number	Sales ($1,000)	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Forms	Number
Vermont	4 862	161 875	29 078	1 324	786	1 753	789	167	38	5	3 915
Addison	571	28 521	5 035	75	48	218	182	39	8	1	(D)
Bennington	116	2 954	664	46	18	36	13	3	–	–	–
Caledonia	319	8 688	1 600	85	64	128	35	5	2	–	–
Chittenden	324	14 179	3 164	69	54	105	69	21	5	1	(D)
Essex	74	1 913	354	24	13	27	6	4	–	–	–
Franklin	663	31 726	4 632	73	74	299	170	37	8	2	(D)
Grand Isle	94	3 609	569	17	10	43	18	5	1	–	–
Lamoille	182	6 869	1 295	41	22	67	42	9	1	–	–
Orange	398	10 554	2 234	100	97	147	45	8	1	–	–
Orleans	524	19 137	2 933	73	86	267	80	13	4	1	(D)
Rutland	397	12 027	2 312	101	60	170	56	6	4	–	–
Washington	250	5 791	1 022	89	51	83	23	2	2	–	–
Windham	169	4 912	900	68	33	44	13	9	2	–	–
Windsor	343	6 402	1 342	150	83	88	16	6	–	–	–
Farms not on mail list	438	4 593	1 023	313	73	31	21	–	–	–	–

Table 16. **Cattle and Calves—Inventory and Sales: 1978**—Con.

All Farms
Part 8 of 10

	Calves—sales per farm										
	Total			Farms with—						500 or more	
	Farms	Number	Sales ($1,000)	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number
Vermont	4 040	109 829	7 065	1 055	863	1 593	426	76	23	4	2 721
Addison	507	19 839	1 280	55	57	271	103	16	4	1	(D)
Bennington	84	1 666	122	33	16	28	6	1	–	–	–
Caledonia	254	5 695	350	64	71	96	19	3	1	–	–
Chittenden	270	9 068	708	52	61	110	37	6	3	1	(D)
Essex	58	1 254	61	17	15	20	6	–	–	–	–
Franklin	611	24 143	1 590	58	105	306	118	16	6	2	(D)
Grand Isle	82	2 508	130	19	14	35	9	4	1	–	–
Lamoille	161	4 753	357	29	32	73	23	3	1	–	–
Orange	328	6 280	353	93	109	107	14	5	–	–	–
Orleans	478	13 551	554	60	127	234	46	9	2	–	–
Rutland	336	8 071	614	95	85	132	18	3	3	–	–
Washington	192	3 555	164	65	54	62	10	–	1	–	–
Windham	129	3 180	182	52	23	37	9	7	1	–	–
Windsor	240	3 591	216	113	63	53	8	3	–	–	–
Farms not on mail list	310	2 675	383	250	31	29	–	–	–	–	–

All Farms
Part 9 of 10

	Cattle—sales per farm										
	Total			Farms with—						500 or more	
	Farms	Number	Sales ($1,000)	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number
Vermont	4 129	52 046	22 013	2 342	1 070	597	92	21	6	1	(D)
Addison	514	8 682	3 755	194	162	139	15	3	1	–	–
Bennington	105	1 288	543	63	22	17	2	1	–	–	–
Caledonia	271	2 993	1 250	166	60	42	2	1	–	–	–
Chittenden	281	5 111	2 455	143	74	45	10	6	3	–	–
Essex	66	659	292	37	19	9	1	–	–	–	–
Franklin	576	7 583	3 043	294	191	77	10	3	1	–	–
Grand Isle	83	1 101	439	45	17	17	4	–	–	–	–
Lamoille	159	2 116	939	94	33	26	5	1	–	–	–
Orange	358	4 274	1 880	213	77	58	10	–	–	–	–
Orleans	456	5 586	2 379	297	111	37	7	2	1	1	(D)
Rutland	349	3 956	1 698	190	104	48	5	2	–	–	–
Washington	223	2 236	857	145	49	26	1	2	–	–	–
Windham	152	1 732	718	98	31	15	8	–	–	–	–
Windsor	306	2 811	1 125	208	67	26	5	–	–	–	–
Farms not on mail list	230	1 918	640	155	53	15	7	–	–	–	–

All Farms
Part 10 of 10

	Fattened cattle—sales per farm										
	Total			Farms with—						500 or more	
	Farms	Number	Sales ($1,000)	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number
Vermont	400	3 405	1 357	315	45	32	3	4	1	–	–
Addison	28	350	157	18	4	4	2	–	–	–	–
Bennington	16	78	30	14	1	1	–	–	–	–	–
Caledonia	39	206	80	33	4	2	–	–	–	–	–
Chittenden	29	667	309	16	4	6	–	3	–	–	–
Essex	7	27	9	6	1	–	–	–	–	–	–
Franklin	17	548	179	12	1	3	–	–	1	–	–
Grand Isle	6	40	26	5	–	1	–	–	–	–	–
Lamoille	13	111	40	8	2	3	–	–	–	–	–
Orange	33	263	113	25	5	2	1	–	–	–	–
Orleans	29	167	80	24	3	2	–	–	–	–	–
Rutland	40	361	130	31	5	3	–	1	–	–	–
Washington	20	86	33	18	1	1	–	–	–	–	–
Windham	25	163	64	19	3	3	–	–	–	–	–
Windsor	44	188	70	40	3	1	–	–	–	–	–
Farms not on mail list	54	150	36	46	8	–	–	–	–	–	–

Table 17. **Hogs and Pigs—Inventory and Sales: 1978**

All Farms
Part 1 of 3

	Inventory								Sales					
	Hogs and pigs						Litters of pigs farrowed between Dec.1, 1977, and Nov. 30, 1978		Hogs and pigs			Feeder pigs		
	Total		Used or to be used for breeding		Other									
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)
Vermont	1 072	7 871	503	2 049	846	5 822	527	1 727	576	11 077	536	278	5 957	171
Addison	71	513	21	62	67	451	22	82	27	883	47	9	255	7
Bennington	22	62	2	(D)	22	(D)	2	(D)	7	87	6	2	(D)	(D)
Caledonia	56	312	16	75	53	237	18	62	24	424	18	8	227	6
Chittenden	43	342	14	45	42	297	14	47	19	399	19	7	260	6
Essex	10	29	1	(D)	10	(D)	2	(D)	5	(D)	(D)	1	(D)	(D)
Franklin	52	277	13	78	47	199	16	80	18	548	16	7	351	7
Grand Isle	13	187	3	19	13	168	3	24	5	(D)	(D)	–	–	–
Lamoille	30	218	14	55	24	163	15	53	19	420	20	9	263	6
Orange	83	461	30	135	72	326	30	112	44	769	31	11	417	9
Orleans	59	665	16	110	58	555	18	128	30	986	57	9	267	7
Rutland	61	447	21	97	55	350	23	85	28	511	31	12	298	8
Washington	65	671	26	181	59	490	28	204	38	1 426	75	12	1 026	34
Windham	47	240	13	36	43	204	14	43	24	386	20	9	216	6
Windsor	77	810	28	180	70	630	30	136	41	1 180	67	17	316	9
Farms not on mail list	383	2 637	285	968	211	1 669	292	657	247	2 818	117	165	1 986	63

All Farms
Part 2 of 3

	Hogs and pigs—inventory per farm										
	Total		Farms with—							500 or more	
	Farms	Number	1 to 4	5 to 9	10 to 24	25 to 49	50 to 99	100 to 199	200 to 499	Farms	Number
Vermont	1 072	7 871	722	222	63	39	10	14	2	–	–
Addison	71	513	51	11	3	4	1	1	–	–	–
Bennington	22	62	18	4	–	–	–	–	–	–	–
Caledonia	56	312	39	9	7	–	1	–	–	–	–
Chittenden	43	342	26	11	3	2	–	1	–	–	–
Essex	10	29	9	–	1	–	–	–	–	–	–
Franklin	52	277	42	6	2	1	1	–	–	–	–
Grand Isle	13	187	11	1	–	–	–	1	–	–	–
Lamoille	30	218	23	3	3	–	–	1	–	–	–
Orange	83	461	65	7	8	2	1	–	–	–	–
Orleans	59	665	40	4	9	4	–	2	–	–	–
Rutland	61	447	41	9	6	3	2	–	–	–	–
Washington	65	671	47	7	5	4	1	–	1	–	–
Windham	47	240	34	7	5	1	–	–	–	–	–
Windsor	77	810	51	15	4	3	3	–	1	–	–
Farms not on mail list	383	2 637	225	128	7	15	–	8	–	–	–

All Farms
Part 3 of 3

	Hogs and pigs—sales per farm										
	Total			Farms with—						1,000 or more	
	Farms	Number	Sales ($1,000)	1 to 9	10 to 49	50 to 99	100 to 199	200 to 499	500 to 999	Farms	Number
Vermont	576	11 077	536	360	177	19	13	6	1	–	–
Addison	27	883	47	11	10	4	2	–	–	–	–
Bennington	7	87	6	4	3	–	–	–	–	–	–
Caledonia	24	424	18	14	7	3	–	–	–	–	–
Chittenden	19	399	19	9	8	1	1	–	–	–	–
Essex	5	29	1	4	1	–	–	–	–	–	–
Franklin	18	548	16	12	1	4	–	1	–	–	–
Grand Isle	5	(D)	(D)	4	–	–	–	1	–	–	–
Lamoille	19	420	20	10	7	–	2	–	–	–	–
Orange	44	769	31	25	15	3	–	1	–	–	–
Orleans	30	986	57	16	9	1	3	1	–	–	–
Rutland	28	511	31	16	10	1	1	–	–	–	–
Washington	38	1 426	75	19	15	–	2	1	1	–	–
Windham	24	386	20	13	9	2	–	–	–	–	–
Windsor	41	1 180	67	16	22	–	2	1	–	–	–
Farms not on mail list	247	2 818	117	187	60	–	–	–	–	–	–

Table 18. **Poultry—Inventory and Sales: 1978**

All Farms
Part 1 of 2

	Inventory						Sales					
	Hens and pullets of laying age		Pullets 3 months old or older		Pullet chicks and pullets under 3 months old		Hens and pullets of laying age		Pullets 3 months old or older		Pullet chicks and pullets under 3 months old	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Vermont	1 200	504 525	140	27 215	65	56 985	137	362 499	22	50 247	12	(D)
Addison	82	(D)	6	(D)	2	(D)	10	(D)	1	(D)	–	–
Bennington	24	1 032	2	(D)	–	–	4	246	1	(D)	–	–
Caledonia	68	(D)	6	(D)	1	(D)	10	(D)	–	–	–	–
Chittenden	59	48 372	9	(D)	2	(D)	11	31 075	1	(D)	–	–
Essex	9	320	2	(D)	–	–	1	(D)	–	–	–	–
Franklin	51	(D)	6	(D)	4	(D)	8	(D)	–	–	–	–
Grand Isle	11	200	3	98	–	–	1	(D)	–	–	–	–
Lamoille	22	(D)	2	(D)	1	(D)	3	(D)	2	(D)	1	(D)
Orange	88	13 905	7	79	2	(D)	16	(D)	1	(D)	1	(D)
Orleans	61	9 366	5	49	3	(D)	8	(D)	–	–	1	(D)
Rutland	72	10 379	5	39	3	40	8	(D)	–	–	1	(D)
Washington	70	24 598	10	78	3	(D)	14	(D)	–	–	–	–
Windham	52	17 053	4	72	3	(D)	7	(D)	–	–	–	–
Windsor	91	2 038	14	200	4	(D)	13	347	1	(D)	–	–
Farms not on mail list	440	6 648	59	635	37	980	23	1 553	15	292	8	800

All Farms
Part 2 of 2

	Hens and pullets of laying age—inventory per farm											
	Total		Farms with—								100,000 or more	
	Farms	Number	1 to 99	100 to 399	400 to 1,599	1,600 to 3,199	3,200 to 9,999	10,000 to 19,999	20,000 to 49,999	50,000 to 99,999	Farms	Number
Vermont	1 200	504 525	1 133	36	13	3	5	4	5	–	1	(D)
Addison	82	(D)	77	1	2	1	–	–	1	–	–	–
Bennington	24	1 032	22	2	–	–	–	–	–	–	–	–
Caledonia	68	(D)	65	2	–	–	–	–	–	–	1	(D)
Chittenden	59	48 372	45	6	5	–	1	1	1	–	–	–
Essex	9	320	8	1	–	–	–	–	–	–	–	–
Franklin	51	(D)	46	2	1	–	1	–	1	–	–	–
Grand Isle	11	200	11	–	–	–	–	–	–	–	–	–
Lamoille	22	(D)	19	–	1	–	–	–	2	–	–	–
Orange	88	13 905	83	3	1	–	–	1	–	–	–	–
Orleans	61	9 366	60	–	–	–	1	–	–	–	–	–
Rutland	72	10 379	65	5	–	1	1	–	–	–	–	–
Washington	70	24 598	64	2	2	–	1	1	–	–	–	–
Windham	52	17 053	46	3	1	1	–	1	–	–	–	–
Windsor	91	2 038	89	2	–	–	–	–	–	–	–	–
Farms not on mail list	440	6 648	433	7	–	–	–	–	–	–	–	–

Table 19. **Broilers Sold by Number Per Farm: 1978**

All Farms

	Total		Farms with sales of –							Sales of 500,000 or more	
	Farms	Number	1 to 1,999	2,000 to 7,999	8,000 to 15,999	16,000 to 29,999	30,000 to 59,999	60,000 to 99,999	100,000 to 499,999	Farms	Number
Vermont	65	6 375	65	–	–	–	–	–	–	–	–
Caledonia	5	540	5	–	–	–	–	–	–	–	–
Chittenden	6	1 724	6	–	–	–	–	–	–	–	–
Franklin	8	239	8	–	–	–	–	–	–	–	–
Rutland	6	(D)	6	–	–	–	–	–	–	–	–
Washington	5	260	5	–	–	–	–	–	–	–	–
Windsor	3	(D)	3	–	–	–	–	–	–	–	–
All other counties	9	496	9	–	–	–	–	–	–	–	–
Farms not on mail list	23	1 135	23	–	–	–	–	–	–	–	–

Table 20. **Sheep and Lambs—Inventory and Sales: 1978**

All Farms
Part 1 of 2

	Inventory				Sales						
	Sheep and lambs		Ewes 1 year old or older		Sheep and lambs		Sheep and lambs shorn			Value of sheep, lambs, and wool sold	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Wool (1,000 lbs.)	Farms	Sales ($1,000)
Vermont	545	9 002	478	6 177	280	5 695	452	7 475	55	469	336
Addison	37	755	32	454	22	366	23	486	3	26	16
Bennington	13	383	9	237	9	245	9	194	2	10	13
Caledonia	34	818	29	531	25	361	27	689	5	30	24
Chittenden	19	455	17	338	16	421	16	387	3	17	24
Essex	3	(D)	3	(D)	1	(D)	3	26	(D)	3	(D)
Franklin	11	108	7	72	6	46	8	85	1	9	3
Grand Isle	6	(D)	5	(D)	5	(D)	6	89	(D)	6	(D)
Lamoille	15	313	12	223	9	127	11	206	2	11	8
Orange	41	1 003	35	718	33	668	37	921	6	37	35
Orleans	16	358	13	282	11	273	12	285	2	13	19
Rutland	22	425	18	262	16	279	14	336	3	18	13
Washington	33	578	32	398	27	318	29	480	4	29	20
Windham	22	278	19	164	13	239	18	249	2	20	10
Windsor	69	823	51	549	43	893	52	734	6	53	45
Farms not on mail list	204	2 556	196	1 829	44	1 360	187	2 308	16	187	100

All Farms
Part 2 of 2

	Sheep and lambs—Inventory per farm										
	Total		Farms with –							1,000 or more	
	Farms	Number	1	2 to 4	5 to 9	10 to 24	25 to 99	100 to 299	300 to 999	Farms	Number
Vermont	545	9 002	45	114	203	103	64	16	–	–	–
Addison	37	755	4	11	6	4	11	1	–	–	–
Bennington	13	383	2	2	4	2	2	1	–	–	–
Caledonia	34	818	5	6	7	10	4	2	–	–	–
Chittenden	19	455	–	6	2	4	6	1	–	–	–
Essex	3	(D)	–	1	1	–	1	–	–	–	–
Franklin	11	108	3	3	1	3	1	–	–	–	–
Grand Isle	6	(D)	1	–	2	2	1	–	–	–	–
Lamoille	15	313	2	4	3	1	5	–	–	–	–
Orange	41	1 003	1	10	7	12	10	1	–	–	–
Orleans	16	358	3	4	–	6	2	1	–	–	–
Rutland	22	425	2	8	–	6	6	–	–	–	–
Washington	33	578	1	5	12	9	5	1	–	–	–
Windham	22	278	–	9	5	6	2	–	–	–	–
Windsor	69	823	5	23	18	15	8	–	–	–	–
Farms not on mail list	204	2 556	16	22	135	23	–	8	–	–	–

Table 21. **Milk Goats—Inventory and Sales: 1978**

All Farms

	Inventory		Sales					
			Milk goats			Goat milk		
	Farms	Number	Farms	Number	Sales ($1,000)	Farms	Gallons	Sales ($1,000)
Vermont	344	1 898	176	1 017	28	11	(D)	(D)
Addison	12	209	6	132	6	4	(D)	(D)
Bennington	3	(D)	2	(D)	(D)	–	–	–
Caledonia	5	25	8	53	2	2	(D)	(D)
Chittenden	7	33	4	18	1	–	–	–
Orleans	4	27	2	(D)	(D)	–	–	–
Washington	3	(D)	1	(D)	(D)	1	(D)	(D)
Windham	5	28	2	(D)	(D)	–	–	–
Windsor	4	23	3	38	1	1	(D)	(D)
All other counties	7	133	5	98	7	3	1 763	4
Farms not on mail list	294	1 379	143	647	9	–	–	–

Table 22. Angora Goats—Inventory and Sales: 1978

All Farms

	Inventory		Sales					
			Angora goats			Mohair		
	Farms	Number	Farms	Number	Sales ($1,000)	Farms	Pounds	Sales ($1,000)
Vermont	8	25	–	–	–	8	114	(Z)

Table 23. Mink and Their Pelts—Inventory and Sales: 1978

All Farms

	Inventory				Sales of mink and their pelts		
	Mink and their pelts		Female mink used for breeding				
	Farms	Number	Farms	Number	Farms	Number	Sales ($1,000)
Vermont	4	1 060	3	741	3	(D)	(D)

Table 24. Colonies of Bees and Honey—Inventory and Sales: 1978

All Farms

	Inventory		Sales					
			Colonies of bees			Honey		
	Farms	Number	Farms	Number	Sales ($1,000)	Farms	Pounds	Sales ($1,000)
Vermont	173	4 044	6	614	(D)	73	169 415	107
Addison	23	2 449	1	(D)	(D)	16	90 068	50
Caledonia	6	10	–	–	–	–	–	–
Chittenden	19	88	1	(D)	(D)	9	2 485	2
Franklin	13	115	–	–	–	8	5 259	4
Grand Isle	3	(D)	–	–	–	1	(D)	(D)
Orange	17	63	1	(D)	(D)	1	(D)	(D)
Orleans	8	38	–	–	–	4	676	1
Rutland	8	(D)	1	(D)	(D)	4	(D)	(D)
Washington	11	27	–	–	–	4	416	(Z)
Windham	15	45	1	(D)	(D)	4	655	1
Windsor	23	220	–	–	–	12	5 367	5
All other counties	5	35	1	(D)	(D)	3	756	1
Farms not on mail list	22	64	–	–	–	7	1 008	1

Table 25. Fish Sales: 1978

All Farms

	Total		Any				Only by pounds			Only by number			Acres under water for fish production	
	Farms	Sales ($1,000)	Farms	Pounds	Farms	Number	Farms	Pounds	Sales ($1,000)	Farms	Number	Sales ($1,000)	Farms	Acres
TROUT														
Vermont	7	1	1	(D)	7	1 005	–	–	–	6	975	1	4	3

Table 26. Miscellaneous Poultry—Inventory and Sales: 1978

All Farms

	Inventory		Sales	
	Farms	Number	Farms	Number
BROILERS				
Vermont	242	8 407	65	6 375
Addison	7	160	2	(D)
Bennington	5	108	1	(D)
Caledonia	17	714	5	540
Chittenden	17	2 067	6	1 724
Franklin	16	733	8	239
Lamoille	6	289	2	(D)
Orange	6	540	2	(D)
Orleans	8	137	–	–
Rutland	15	324	6	(D)
Washington	16	589	5	260
Windham	6	239	2	(D)
Windsor	14	416	3	(D)
All other counties	4	106	–	–
Farms not on mail list	105	1 985	23	1 135

All Farms

	Inventory		Sales	
	Farms	Number	Farms	Number
TURKEYS				
Vermont	133	4 782	30	11 121
Addison	16	139	5	(D)
Caledonia	8	84	2	(D)
Chittenden	9	162	3	115
Franklin	4	3 042	1	(D)
Orange	8	44	2	(D)
Orleans	5	98	2	(D)
Rutland	10	61	4	(D)
Washington	6	597	3	(D)
Windham	8	50	2	(D)
Windsor	9	37	3	16
All other counties	6	96	3	56
Farms not on mail list	44	372	–	–

Table 26. **Miscellaneous Poultry—Inventory and Sales: 1978**—Con.

All Farms	Inventory		Sales	
	Farms	Number	Farms	Number
TURKEYS FOR SLAUGHTER				
Vermont	121	4 701	29	11 120
Addison	15	135	5	(D)
Caledonia	7	76	2	(D)
Chittenden	7	158	3	115
Franklin	4	(D)	1	(D)
Orange	8	43	2	(D)
Orleans	4	94	2	(D)
Rutland	9	51	3	(D)
Washington	5	(D)	3	(D)
Windham	6	47	2	(D)
Windsor	6	20	3	16
All other counties	6	96	3	56
Farms not on mail list	44	351	–	–
TURKEY HENS KEPT FOR BREEDING				
Vermont	27	81	1	(D)
Windham	3	3	–	–
Windsor	4	17	–	–
All other counties	13	40	1	(D)
Farms not on mail list	7	21	–	–
DUCKS				
Vermont	440	3 637	62	1 690
Addison	30	232	4	34
Caledonia	19	80	1	(D)
Chittenden	19	191	4	16
Franklin	8	52	2	(D)
Grand Isle	6	340	2	(D)
Lamoille	6	49	–	–
Orange	24	256	4	(D)
Orleans	15	113	2	(D)
Rutland	21	290	3	(D)
Washington	22	111	1	(D)
Windham	10	104	4	57
Windsor	25	177	4	67
All other counties	6	83	1	(D)
Farms not on mail list	229	1 559	30	395

All Farms	Inventory		Sales	
	Farms	Number	Farms	Number
GEESE				
Vermont	344	1 924	34	459
Addison	21	127	3	11
Bennington	5	108	–	–
Caledonia	16	68	1	(D)
Chittenden	13	127	2	(D)
Franklin	3	(D)	–	–
Grand Isle	3	(D)	–	–
Lamoille	3	(D)	–	–
Orange	11	50	2	(D)
Orleans	12	76	1	(D)
Rutland	11	90	3	(D)
Washington	17	99	3	6
Windham	9	41	2	(D)
Windsor	14	64	2	(D)
Farms not on mail list	206	890	15	58
PIGEONS OR SQUAB				
Vermont	12	124	–	–
All other counties	5	40	–	–
Farms not on mail list	7	84	–	–
PHEASANTS				
Vermont	10	68	9	207
All other counties	3	33	2	(D)
Farms not on mail list	7	35	7	(D)
OTHER POULTRY				
Vermont	21	195	2	(D)
Rutland	3	(D)	–	–
All other counties	11	168	2	(D)
Farms not on mail list	7	(D)	–	–
POULTRY HATCHED (SEE TEXT)				
Vermont	58	9 069	122	4 640
Caledonia	3	110	7	208
Chittenden	4	446	7	253
Orange	5	1 564	13	632
Rutland	4	(D)	6	(D)
Washington	7	690	5	206
Windham	4	(D)	3	(D)
All other counties	9	2 842	30	1 543
Farms not on mail list	22	1 850	51	1 254

Table 27. **Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1978**

All Farms	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
HORSES AND PONIES					
Vermont	1 994	8 455	602	1 637	959
Addison	152	734	31	108	136
Bennington	60	381	12	35	29
Caledonia	114	410	17	33	30
Chittenden	115	563	30	92	89
Essex	16	69	4	(D)	(D)
Franklin	137	513	19	27	24
Grand Isle	24	89	3	(D)	(D)
Lamoille	61	198	13	21	13
Orange	134	592	25	65	73
Orleans	119	420	23	43	22
Rutland	121	902	20	144	66
Washington	97	370	25	62	35
Windham	69	317	11	30	75
Windsor	161	731	33	91	76
Farms not on mail list	614	2 166	336	859	283
MULES, BURROS, AND DONKEYS					
Vermont	49	76	5	13	2
Addison	7	20	1	(D)	(D)
Bennington	3	6	1	(D)	(D)
Caledonia	5	10	–	–	–
Orange	4	4	–	–	–
Rutland	3	3	1	(D)	(D)
Washington	3	3	1	(D)	(D)
Windham	3	3	–	–	–
Windsor	8	14	1	(D)	(D)
All other counties	5	5	–	–	–
Farms not on mail list	8	8	–	–	–

All Farms	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
GOATS EXCEPT ANGORA AND MILK					
Vermont	191	278	5	16	(Z)
Addison	3	4	1	(D)	(D)
Grand Isle	3	4	–	–	–
Orange	5	11	1	(D)	(D)
Rutland	3	7	1	(D)	(D)
Washington	3	14	–	–	–
Windsor	5	9	1	(D)	(D)
All other counties	11	39	1	(D)	(D)
Farms not on mail list	158	190	–	–	–
RABBITS AND THEIR PELTS					
Vermont	248	8 572	30	16 681	(D)
Addison	8	47	–	–	–
Caledonia	4	21	–	–	–
Chittenden	5	(D)	1	(D)	(D)
Franklin	7	368	3	700	2
Orange	8	191	4	(D)	(D)
Orleans	9	472	6	2 402	6
Rutland	5	13	2	(D)	(D)
Washington	6	97	1	(D)	(D)
Windham	4	(D)	4	(D)	(D)
Windsor	3	23	1	(D)	(D)
All other counties	3	17	1	(D)	(D)
Farms not on mail list	186	5 985	7	7	(Z)

Table 28. Grains—Corn, Sorghums, Wheat, and Other Small Grains: 1978

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN OR SEED (BUSHELS)					
Vermont	171	6 895	553 536	1	(D)
Addison	29	1 208	96 905	1	(D)
Bennington	14	366	28 699	–	–
Chittenden	18	1 083	88 634	–	–
Franklin	19	1 215	75 401	–	–
Grand Isle	6	330	26 600	–	–
Lamoille	6	161	13 260	–	–
Orange	4	190	21 640	–	–
Orleans	11	616	54 558	–	–
Rutland	21	839	67 736	–	–
Washington	5	(D)	(D)	–	–
Windham	6	(D)	(D)	–	–
Windsor	6	227	19 456	–	–
All other counties	5	159	13 498	–	–
Farms not on mail list	21	392	38 633	–	–
WHEAT FOR GRAIN (BUSHELS)					
Vermont	18	328	10 622	–	–
Addison	10	235	6 365	–	–
Orleans	5	76	(D)	–	–
All other counties	3	17	(D)	–	–
BARLEY FOR GRAIN (BUSHELS)					
Vermont	12	364	12 397	–	–
Addison	7	302	9 817	–	–
All other counties	5	62	2 580	–	–

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
BUCKWHEAT (BUSHELS)					
Vermont	8	(D)	(D)	–	–
Caledonia	3	(D)	(D)	–	–
All other counties	5	127	4 983	–	–
OATS FOR GRAIN (BUSHELS)					
Vermont	135	3 366	147 097	–	–
Addison	35	923	44 015	–	–
Bennington	5	72	3 850	–	–
Caledonia	6	(D)	(D)	–	–
Chittenden	11	299	13 567	–	–
Essex	5	73	2 540	–	–
Franklin	16	236	12 184	–	–
Grand Isle	12	255	12 555	–	–
Lamoille	3	68	(D)	–	–
Orange	5	(D)	400	–	–
Orleans	12	151	4 720	–	–
Rutland	6	144	8 240	–	–
All other counties	5	29	546	–	–
Farms not on mail list	14	644	19 684	–	–
RYE FOR GRAIN (BUSHELS)					
Vermont	5	15	666	–	–

Table 29. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1978

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
DRY FIELD AND SEED BEANS (100-LB BAGS)					
Vermont	3	(D)	(D)	–	–
IRISH POTATOES (HUNDREDWEIGHT)					
Vermont	120	701	127 284	11	(D)
Addison	6	4	1 227	–	–
Bennington	6	12	(D)	1	(D)
Caledonia	4	(D)	(D)	–	–
Chittenden	9	5	264	1	(D)

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
IRISH POTATOES (HUNDREDWEIGHT) – Con.					
Essex	5	(D)	(D)	–	–
Franklin	7	4	350	–	–
Lamoille	6	95	(D)	–	–
Orange	14	17	1 929	–	–
Orleans	4	(D)	(D)	–	–
Rutland	14	36	2 708	1	(D)
Washington	10	9	2 236	–	–
Windham	13	67	5 780	–	–
Windsor	14	5	686	–	–
Farms not on mail list	8	1	240	8	1

Table 30. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1978**

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
FIELD SEED CROPS					
Vermont	3	112	(X)	–	–
Addison	3	112	(X)	–	–
BIRDSFOOT TREFOIL SEED (POUNDS)					
Vermont	3	112	(D)	–	–
Addison	3	112	(D)	–	–
HAY CROPS (TONS, DRY) (SEE TEXT)					
Vermont	5 965	493 499	879 189	11	264
Addison	616	96 894	164 447	5	202
Bennington	143	8 428	17 123	–	–
Caledonia	397	31 269	54 237	–	–
Chittenden	390	39 981	74 299	–	–
Essex	79	5 505	10 382	–	–
Franklin	682	67 568	132 813	2	(D)
Grand Isle	113	14 031	25 660	–	–
Lamoille	200	16 345	31 018	–	–
Orange	467	30 705	58 428	1	(D)
Orleans	598	59 934	108 616	1	(D)
Rutland	463	41 132	68 781	–	–
Washington	325	22 055	38 333	–	–
Windham	208	12 910	21 370	–	–
Windsor	452	25 318	41 685	2	(D)
Farms not on mail list	832	21 424	31 997	–	–
ALFALFA HAY (TONS, DRY)					
Vermont	2 057	99 443	220 029	1	(D)
Addison	358	24 779	53 092	1	(D)
Bennington	85	3 146	8 511	–	–
Caledonia	117	5 337	11 584	–	–
Chittenden	144	8 154	19 078	–	–
Essex	21	1 220	2 653	–	–
Franklin	242	12 974	31 010	–	–
Grand Isle	85	7 417	14 900	–	–
Lamoille	55	1 852	4 504	–	–
Orange	155	4 191	10 570	–	–
Orleans	165	7 639	17 960	–	–
Rutland	217	10 191	20 810	–	–
Washington	99	3 800	7 938	–	–
Windham	71	2 485	4 721	–	–
Windsor	127	4 138	9 395	–	–
Farms not on mail list	116	2 120	3 303	–	–
SMALL GRAIN HAY (TONS, DRY)					
Vermont	413	7 432	13 682	1	(D)
Addison	84	2 266	4 624	–	–
Bennington	5	90	131	–	–
Caledonia	15	358	648	–	–
Chittenden	27	850	1 757	–	–
Essex	6	79	182	–	–
Franklin	80	1 306	2 265	1	(D)
Grand Isle	17	254	520	–	–
Lamoille	15	267	483	–	–
Orange	31	443	770	–	–
Orleans	31	366	780	–	–
Rutland	25	290	404	–	–
Washington	18	237	299	–	–
Windham	4	44	(D)	–	–
Windsor	10	144	276	–	–
Farms not on mail list	45	438	446	–	–
OTHER TAME DRY HAY (TONS, DRY) (SEE TEXT)					
Vermont	4 251	256 038	462 498	6	81
Addison	384	33 252	58 480	1	(D)
Bennington	75	3 359	5 986	–	–
Caledonia	306	18 945	32 403	–	–
Chittenden	284	21 408	39 360	–	–
Essex	58	3 395	6 645	–	–
Franklin	517	38 188	75 149	1	(D)
Grand Isle	58	3 348	5 789	–	–
Lamoille	157	9 994	19 803	–	–
Orange	363	19 123	36 247	1	(D)
Orleans	460	35 971	66 227	1	(D)
Rutland	325	20 194	34 093	–	–
Washington	220	12 547	22 277	–	–
Windham	150	7 398	12 484	–	–
Windsor	313	14 171	21 797	2	(D)
Farms not on mail list	581	14 745	25 758	–	–

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
WILD HAY (TONS, DRY)					
Vermont	953	36 825	44 950	–	–
Addison	63	3 040	4 096	–	–
Bennington	31	1 169	1 368	–	–
Caledonia	62	2 977	3 961	–	–
Chittenden	42	1 991	3 034	–	–
Essex	9	181	159	–	–
Franklin	70	3 439	6 087	–	–
Grand Isle	11	478	550	–	–
Lamoille	44	1 126	1 650	–	–
Orange	82	2 619	2 876	–	–
Orleans	82	4 042	5 251	–	–
Rutland	82	3 911	4 425	–	–
Washington	69	2 509	3 050	–	–
Windham	42	1 718	2 212	–	–
Windsor	103	3 848	4 029	–	–
Farms not on mail list	161	3 777	2 202	–	–
GRASS SILAGE AND HAYLAGE (TONS, GREEN)					
Vermont	1 026	77 732	352 553	4	150
Addison	267	29 119	116 632	4	150
Bennington	10	504	2 633	–	–
Caledonia	58	3 201	15 659	–	–
Chittenden	75	5 926	27 372	–	–
Essex	7	332	1 525	–	–
Franklin	163	9 471	46 408	–	–
Grand Isle	25	2 042	9 653	–	–
Lamoille	40	2 453	11 435	–	–
Orange	71	3 192	17 689	–	–
Orleans	115	10 589	49 020	–	–
Rutland	71	5 076	22 368	–	–
Washington	41	2 182	11 312	–	–
Windham	20	857	3 564	–	–
Windsor	55	2 548	16 563	–	–
Farms not on mail list	8	240	720	–	–
HAY CROPS CUT AND FED GREEN (TONS, GREEN)					
Vermont	560	16 029	60 257	–	–
Addison	100	4 438	15 526	–	–
Bennington	9	160	731	–	–
Caledonia	20	451	1 213	–	–
Chittenden	46	1 652	5 752	–	–
Essex	12	298	687	–	–
Franklin	88	2 190	8 310	–	–
Grand Isle	20	492	2 007	–	–
Lamoille	19	653	2 239	–	–
Orange	52	1 137	6 100	–	–
Orleans	47	1 327	6 040	–	–
Rutland	59	1 470	4 673	–	–
Washington	31	780	2 944	–	–
Windham	16	408	1 976	–	–
Windsor	25	469	1 939	–	–
Farms not on mail list	16	104	120	–	–
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)					
Vermont	2 190	95 543	1 351 610	11	283
Addison	407	23 922	300 624	8	238
Bennington	55	1 854	30 025	–	–
Caledonia	116	4 178	65 419	–	–
Chittenden	148	8 218	128 874	–	–
Essex	24	1 039	18 070	–	–
Franklin	368	16 201	216 132	2	(D)
Grand Isle	60	2 501	30 424	1	(D)
Lamoille	75	3 418	53 809	–	–
Orange	199	5 849	87 454	–	–
Orleans	153	7 091	98 564	–	–
Rutland	239	9 299	124 205	–	–
Washington	98	2 952	47 528	–	–
Windham	72	3 857	74 486	–	–
Windsor	122	3 473	55 056	–	–
Farms not on mail list	54	1 691	20 940	–	–
SORGHUMS FOR SILAGE OR GREEN CHOP (TONS, GREEN)					
Vermont	82	1 299	12 079	2	(D)
Addison	31	608	6 131	2	(D)
Chittenden	7	218	2 690	–	–
Franklin	9	83	668	–	–
Grand Isle	5	131	685	–	–
Orange	5	23	280	–	–
Orleans	6	116	1 010	–	–
Rutland	8	66	281	–	–
Windsor	6	33	222	–	–
All other counties	5	21	112	–	–

Table 31. Vegetables, Sweet Corn, and Melons, Harvested for Sale: 1978

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)				
Vermont	282	1 594	31	307
Addison	31	120	7	(D)
Bennington	13	69	3	(D)
Caledonia	17	64	1	(D)
Chittenden	23	430	3	(D)
Franklin	16	61	–	–
Grand Isle	5	9	–	–
Orange	24	58	1	(D)
Orleans	7	53	–	–
Rutland	21	155	1	(D)
Washington	15	76	4	9
Windham	20	261	2	(D)
Windsor	25	98	1	(D)
All other counties	6	32	–	–
Forms not on mail list	59	108	8	16
ALL VEGETABLES HARVESTED (SEE TEXT)				
Vermont	282	1 600	31	306
Addison	31	121	7	34
Bennington	13	68	3	5
Caledonia	17	64	1	(D)
Chittenden	23	429	3	207
Franklin	16	61	–	–
Grand Isle	5	9	–	–
Orange	24	57	1	(D)
Orleans	7	53	–	–
Rutland	21	154	1	(D)
Washington	15	80	4	9
Windham	20	273	2	(D)
Windsor	25	94	1	(D)
All other counties	6	32	–	–
Forms not on mail list	59	106	8	16
ASPARAGUS				
Vermont	21	32	4	2
Windham	6	6	–	–
All other counties	8	15	4	2
Forms not on mail list	7	11	–	–
BEANS, SNAP (BUSH AND POLE)				
Vermont	78	48	11	(D)
Addison	7	8	2	(D)
Bennington	3	2	–	–
Chittenden	7	8	–	–
Franklin	4	(D)	–	–
Orange	5	(D)	–	–
Rutland	6	5	–	–
Washington	5	2	1	(D)
Windham	7	7	–	–
Windsor	6	4	–	–
All other counties	6	3	–	–
Forms not on mail list	22	4	8	2
BEETS				
Vermont	41	10	9	3
Caledonia	4	1	–	–
Washington	3	1	1	(D)
Windham	5	2	–	–
Windsor	4	1	–	–
All other counties	10	2	–	–
Forms not on mail list	15	3	8	(D)
BROCCOLI				
Vermont	35	8	4	1
Caledonia	4	(D)	–	–
Rutland	3	(D)	–	–
Windham	6	1	–	–
Windsor	4	1	1	(D)
All other counties	11	3	3	(D)
Forms not on mail list	7	1	–	–
HEAD CABBAGE				
Vermont	32	37	3	(D)
Addison	3	(D)	2	(D)
Caledonia	6	10	–	–
Chittenden	3	(D)	–	–
Windham	5	17	–	–
Windsor	6	2	–	–
All other counties	9	2	1	(D)

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
CANTALOUPS AND PERSIAN MELONS				
Vermont	28	10	–	–
Addison	4	1	–	–
Rutland	4	2	–	–
All other counties	6	6	–	–
Forms not on mail list	14	2	–	–
CARROTS				
Vermont	47	37	9	3
Caledonia	8	19	–	–
Franklin	4	1	–	–
Orange	4	(D)	–	–
Orleans	3	(D)	–	–
Windham	5	2	–	–
Windsor	7	1	–	–
All other counties	8	2	1	(D)
Forms not on mail list	8	2	8	(D)
CAULIFLOWER				
Vermont	22	6	1	(D)
Caledonia	3	1	–	–
All other counties	12	4	1	(D)
Forms not on mail list	7	1	–	–
CUCUMBERS AND PICKLES				
Vermont	68	47	13	24
Addison	5	(D)	3	(D)
Caledonia	5	(D)	–	–
Chittenden	12	22	2	(D)
Franklin	3	1	–	–
Rutland	5	2	–	–
Washington	3	1	–	–
Windham	5	3	–	–
All other counties	8	4	–	–
Forms not on mail list	22	4	8	2
LETTUCE AND ROMAINE				
Vermont	22	12	2	(D)
Addison	4	4	2	(D)
Franklin	3	1	–	–
Windham	6	4	–	–
All other counties	9	4	–	–
ONIONS, DRY				
Vermont	10	4	–	–
Windham	6	3	–	–
All other counties	4	1	–	–
ONIONS, GREEN				
Vermont	7	2	–	–
PEAS, GREEN, EXCLUDING GREEN COWPEAS				
Vermont	38	25	3	(D)
Addison	4	1	1	(D)
Orange	3	(Z)	–	–
Rutland	5	4	1	(D)
Washington	5	3	–	–
Windham	6	10	–	–
Windsor	7	3	–	–
All other counties	8	5	1	(D)
PEPPERS, SWEET				
Vermont	15	23	2	(D)
Chittenden	4	(D)	1	(D)
Rutland	3	1	–	–
Windham	3	(D)	–	–
All other counties	5	6	1	(D)
PUMPKINS				
Vermont	30	62	3	2
Addison	6	(D)	1	(D)
Bennington	3	4	2	(D)
Washington	3	(D)	–	–
Windham	4	(D)	–	–
All other counties	14	16	–	–
SPINACH				
Vermont	3	(D)	–	–

Table 31. Vegetables, Sweet Corn, and Melons, Harvested for Sale: 1978—Con.

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
SQUASH				
Vermont	93	92	14	(D)
Addison	3	1	–	–
Bennington	5	3	2	(D)
Chittenden	8	18	2	(D)
Franklin	7	5	–	–
Orange	5	(D)	1	(D)
Orleans	4	(D)	–	–
Rutland	7	8	1	(D)
Washington	6	3	–	–
Windham	8	32	–	–
Windsor	6	6	–	–
All other counties	5	4	–	–
Forms not on mail list	29	4	8	2
SWEET CORN				
Vermont	221	1 001	17	(D)
Addison	24	60	3	(D)
Bennington	10	53	1	(D)
Caledonia	11	14	1	(D)
Chittenden	21	318	2	(D)
Essex	3	(D)	–	–
Franklin	12	44	–	–
Orange	19	25	–	–
Orleans	4	(D)	–	–
Rutland	15	114	1	(D)
Washington	12	44	1	(D)
Windham	12	144	–	–
Windsor	22	60	–	–
All other counties	4	20	–	–
Forms not on mail list	52	67	8	2

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
TOMATOES				
Vermont	99	87	18	25
Addison	10	9	4	(D)
Caledonia	6	(D)	–	–
Chittenden	12	36	2	(D)
Franklin	6	3	–	–
Orange	5	(D)	–	–
Rutland	8	5	1	(D)
Washington	6	3	2	(D)
Windham	9	8	–	–
Windsor	8	9	–	–
All other counties	7	3	1	(D)
Forms not on mail list	22	5	8	2
TURNIPS				
Vermont	5	2	–	–
MIXED VEGETABLES				
Vermont	30	36	4	15
Addison	3	3	–	–
Caledonia	3	(D)	–	–
Orange	4	(D)	–	–
Rutland	4	4	1	(D)
Windham	3	13	2	(D)
Windsor	3	(D)	–	–
All other counties	10	7	1	(D)
WATERMELONS				
Vermont	4	2	–	–
OTHER VEGETABLES				
Vermont	15	9	1	(D)
All other counties	8	7	1	(D)
Forms not on mail list	7	2	–	–

Table 32. Fruits and Nuts: 1978

All Farms	Total			Nonbearing age		Bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Farms	Pounds
LAND IN ORCHARDS									
Vermont	394	6 494	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Addison	30	1 906	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Bennington	6	360	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Caledonia	13	38	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Chittenden	11	134	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Grand Isle	9	210	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Lamoille	6	13	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Orange	21	235	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Orleans	10	29	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Rutland	11	409	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Washington	9	42	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Windham	26	888	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Windsor	29	261	(X)	(X)	(X)	(X)	(X)	(X)	(X)
All other counties	4	8	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Forms not on mail list	209	1 961	(X)	(X)	(X)	(X)	(X)	(X)	(X)
APPLES									
Vermont	391	6 430	403 034	269	121 375	365	281 659	308	50 121 866
Addison	30	1 904	166 264	22	79 347	29	86 917	29	22 324 790
Bennington	6	(D)	16 192	4	(D)	5	(D)	5	(D)
Caledonia	13	37	1 611	10	1 262	9	349	9	47 760
Chittenden	10	126	40 531	8	2 071	8	(D)	6	980 150
Grand Isle	9	203	13 027	3	724	8	12 303	6	2 757 000
Lamoille	6	(D)	(D)	1	(D)	5	(D)	2	(D)
Orange	21	231	13 478	11	1 001	21	12 477	16	1 859 050
Orleans	10	26	729	6	375	9	354	7	11 101
Rutland	11	409	22 760	5	(D)	11	(D)	8	5 257 230
Washington	9	40	1 316	3	(D)	9	(D)	6	134 300
Windham	24	868	45 107	14	8 031	22	37 076	17	10 668 460
Windsor	29	256	12 296	14	1 483	24	10 813	15	1 387 080
All other counties	4	5	194	4	59	4	135	4	3 930
Forms not on mail list	209	1 957	69 171	164	13 468	201	55 703	178	667 615
CHERRIES									
Vermont	12	9	419	9	84	7	335	5	(D)

Table 32. **Fruits and Nuts: 1978**—Con.

All Farms	Total			Nonbearing age		Bearing age		Harvested	
	Forms	Acres	Trees or vines	Forms	Trees or vines	Forms	Trees or vines	Forms	Pounds
GRAPES (FRESH WEIGHT) (SEE TEXT)									
Vermont	27	10	5 305	25	501	23	4 804	13	4 875
Chittenden	4	4	1 778	4	204	3	1 574	1	(D)
Orange	4	2	935	4	(D)	4	(D)	–	–
Windsor	3	(Z)	105	2	(D)	2	(D)	2	(D)
All other counties	9	3	1 073	8	183	7	890	3	640
Farms not on mail list	7	1	1 414	7	14	7	1 400	7	4 200
PEACHES									
Vermont	8	14	1 382	6	(D)	3	(D)	3	(D)
PEARS									
Vermont	37	19	803	30	407	24	396	16	58 357
Bennington	3	(D)	118	3	(D)	3	(D)	1	(D)
Grand Isle	4	6	330	4	(D)	3	(D)	2	(D)
Orange	3	2	25	3	(D)	1	(D)	1	(D)
Orleans	4	(D)	34	4	(D)	2	(D)	–	–
Windham	5	4	215	3	(D)	3	(D)	3	(D)
Windsor	4	(Z)	23	3	(D)	1	(D)	–	–
All other counties	7	2	23	3	17	4	6	2	(D)
Farms not on mail list	7	2	35	7	14	7	21	7	4 200
PLUMS AND PRUNES (FRESH WEIGHT) (SEE TEXT)									
Vermont	24	8	444	17	147	17	297	12	5 886
Caledonia	3	(Z)	15	2	(D)	1	(D)	1	(D)
Orleans	5	2	67	4	35	4	32	2	(D)
Washington	3	1	42	2	(D)	3	(D)	2	(D)
Windsor	5	2	88	3	23	3	65	2	(D)
All other counties	8	3	232	6	68	6	164	5	5 605

Table 33. **Berries: 1978**

All Farms	Harvested			Irrigated	
	Forms	Acres	Quantity	Forms	Acres
BLACKBERRIES (POUNDS)					
Vermont	5	2	1 929	–	–
BLUEBERRIES, TAME (POUNDS)					
Vermont	8	19	18 678	–	–
Windham	4	(D)	(D)	–	–
All other counties	4	(D)	(D)	–	–
RASPBERRIES (POUNDS)					
Vermont	53	13	17 535	4	2
Lamoille	3	1	(D)	1	(D)
Orange	5	1	1 251	1	(D)
Rutland	6	2	1 336	–	–
Windham	6	4	4 278	1	(D)
Windsor	6	1	1 026	–	–
All other counties	13	3	6 374	1	(D)
Farms not on mail list	14	1	(D)	–	–

All Farms	Harvested			Irrigated	
	Forms	Acres	Quantity	Forms	Acres
STRAWBERRIES (POUNDS)					
Vermont	118	188	679 664	35	126
Addison	12	13	53 546	4	3
Bennington	3	6	(D)	1	(D)
Caledonia	5	8	62 330	1	(D)
Chittenden	6	13	59 400	2	(D)
Essex	3	(D)	(D)	–	–
Franklin	8	(D)	(D)	3	(D)
Lamoille	4	2	10 630	1	(D)
Orange	13	13	43 669	3	4
Rutland	7	5	20 750	3	3
Washington	8	4	17 905	3	(D)
Windham	15	40	108 865	3	29
Windsor	9	8	40 396	2	(D)
All other counties	3	2	6 721	1	(D)
Farms not on mail list	22	5	18 740	8	4

Table 34. **Nursery and Greenhouse Products, Mushrooms, and Sod: 1978**

All Farms	Farms	Sq. ft. under glass or other protection	Acres in open	Sales ($1,000)
ALL NURSERY AND GREENHOUSE PRODUCTS (SEE TEXT)				
Vermont	208	565 666	246	2 269
Addison	19	45 292	16	155
Bennington	9	81 078	25	117
Caledonia	6	47 484	(D)	220
Chittenden	11	101 430	28	182
Franklin	11	15 131	2	79
Lamoille	7	20 784	(D)	48
Orange	16	42 158	13	308
Orleans	9	17 108	46	144
Rutland	13	26 037	10	97
Washington	16	52 654	(D)	263
Windham	20	47 502	37	292
Windsor	16	39 426	18	160
All other counties	6	11 342	6	60
Farms not on mail list	49	18 240	44	146

All Farms	Farms	Sq. ft. under glass or other protection	Acres in open	Sales ($1,000)
BEDDING PLANTS				
Vermont	134	349 989	6	1 017
Addison	16	42 092	(D)	144
Bennington	9	31 028	(D)	34
Caledonia	5	23 792	–	124
Chittenden	6	(D)	(D)	95
Franklin	10	7 501	(D)	61
Lamoille	6	14 284	–	32
Orange	10	16 558	(D)	68
Orleans	6	10 978	–	41
Rutland	9	14 832	2	56
Washington	12	24 255	(D)	106
Windham	13	31 692	(D)	89
Windsor	13	37 536	(D)	81
All other counties	4	(D)	(D)	26
Farms not on mail list	15	18 240	–	60

Table 34. Nursery and Greenhouse Products, Mushrooms, and Sod: 1978—Con.

All Farms	Farms	Sq. ft. under glass or other protection	Acres in open	Sales ($1,000)
BULBS				
Vermont	11	32 326	(D)	13
CUT FLOWERS AND CUT FLORIST GREENS				
Vermont	16	44 947	4	73
Rutland	4	(D)	(D)	(D)
Washington	4	(D)	(D)	(D)
All other counties	8	35 540	1	54
FOLIAGE AND FLOWERING PLANTS				
Vermont	87	116 213	36	603
Addison	6	3 200	(D)	8
Bennington	3	(D)	(D)	(D)
Caledonia	4	23 092	–	93
Chittenden	4	(D)	2	(D)
Franklin	3	5 070	–	8
Orange	6	20 375	(D)	(D)
Orleans	3	(D)	(D)	11
Washington	6	14 609	–	74
Windham	9	8 740	(D)	101
Windsor	3	(D)	(D)	(D)
All other counties	6	5 662	3	42
Farms not on mail list	34	–	14	51

All Farms	Farms	Sq. ft. under glass or other protection	Acres in open	Sales ($1,000)
NURSERY PRODUCTS				
Vermont	40	(D)	165	423
Chittenden	7	–	23	26
Orange	6	–	13	107
Orleans	5	(D)	(D)	91
Rutland	3	–	5	3
Windham	7	–	25	(D)
Windsor	3	(D)	(D)	(D)
All other counties	9	–	43	78
VEGETABLE AND FLOWER SEEDS				
Vermont	5	9 235	–	8
GREENHOUSE VEGETABLES				
Vermont	7	11 639	(X)	86
Washington	3	3 949	(X)	(D)
All other counties	4	7 690	(X)	(D)
OTHER NURSERY AND GREENHOUSE PRODUCTS				
Vermont	21	(D)	(D)	(D)
All other counties	6	(D)	(D)	(D)
Farms not on mail list	15	–	30	35

Table 35. Other Crops: 1978, not shown

Table 36. Operator Response to Land Held Under Foreign Ownership: 1978

All Farms	Reporting land held under foreign ownership							Reporting don't know		Reporting no		No response	
				Owned by individuals who are not citizens of the United States		Owned by foreign held corporations, associations, or a foreign government							
	Farms	Land in farms (acres)	Total acres held	Farms	Acres	Farms	Acres	Farms	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Land in farms (acres)
Vermont	74	21 304	12 674	60	10 256	14	2 418	13	3 442	6 828	1 645 417	358	82 777
Addison	8	2 769	2 243	8	(D)	–	–	2	(D)	648	224 050	42	11 158
Chittenden	5	1 446	747	5	747	–	–	–	–	411	119 721	30	7 752
Franklin	18	5 714	3 176	18	(D)	–	–	2	(D)	685	206 454	47	13 367
Lamoille	3	1 237	453	3	(D)	–	–	2	(D)	223	51 318	16	2 997
Orleans	17	8 753	5 123	11	(D)	6	2 402	2	(D)	577	172 957	41	12 492
All other counties	7	873	420	7	420	–	–	5	943	2 893	752 623	168	33 926
Farms not on mail list	16	512	512	8	496	8	16	–	–	1 391	118 294	14	1 085

Table 37. Income From Machine Work, Customwork and Other Agricultural Services: 1978

All Farms	Farms	Income ($1,000)	Farms with—							
			$1 to $249	$250 to $499	$500 to $999	$1,000 to $4,999	$5,000 to $9,999	$10,000 to $19,999	$20,000 to 29,999	$30,000 or more
Vermont	437	431	182	80	62	92	17	3	1	–
Addison	36	21	16	10	3	7	–	–	–	–
Bennington	26	25	13	2	6	2	3	–	–	–
Caledonia	30	25	10	8	4	6	2	–	–	–
Chittenden	17	13	8	3	1	5	–	–	–	–
Essex	5	5	2	1	1	1	–	–	–	–
Franklin	26	23	9	3	8	5	1	–	–	–
Grand Isle	7	17	4	–	–	2	–	1	–	–
Lamoille	18	5	12	1	3	2	–	–	–	–
Orange	34	53	14	5	8	5	1	–	1	–
Orleans	28	39	9	7	3	6	2	1	–	–
Rutland	33	48	10	6	4	11	1	1	–	–
Washington	37	23	16	6	10	4	1	–	–	–
Windham	29	24	11	6	2	10	–	–	–	–
Windsor	67	75	26	15	9	11	6	–	–	–
Farms not on mail list	44	34	22	7	–	15	–	–	–	–

Table 38. Value of Agricultural Products Sold Directly to Consumers for Human Consumption: 1978

All Farms

	Farms	Value ($1,000)	Farms with— $1 to $249	$250 to $499	$500 to $999	$1,000 to $4,999	$5,000 to $9,999	$10,000 to $19,999	$20,000 to $29,999	$30,000 or more
Vermont	732	1 928	189	115	148	200	30	28	8	14
Addison	69	295	13	9	16	19	6	3	–	3
Bennington	25	85	10	–	6	5	–	3	–	1
Caledonia	65	144	23	5	14	15	5	1	2	–
Chittenden	57	175	17	6	11	16	2	3	1	1
Essex	15	29	4	4	2	3	1	1	–	–
Franklin	46	152	11	7	10	12	2	2	1	1
Grand Isle	11	74	5	1	–	2	1	1	–	1
Lamoille	22	14	9	3	5	5	–	–	–	–
Orange	72	144	16	13	12	24	4	2	1	–
Orleans	43	32	21	8	7	6	–	1	–	–
Rutland	44	196	5	7	8	16	2	2	1	3
Washington	59	103	17	10	12	15	1	3	1	–
Windham	50	318	8	6	7	17	3	4	1	4
Windsor	87	107	23	12	16	31	3	2	–	–
Farms not on mail list	67	58	7	24	22	14	–	–	–	–

Table 39. Farms Operated by Black and Other Races: 1978

[For classification of social and ethnic groups; see text]

All Farms

	Land in farms		Harvested cropland		Market value of agricultural products sold ($1,000)	Farms by value of sales					
						Occupation farming			Occupation other than farming		
	Farms	Acres	Farms	Acres		Less than $2,500	$2,500 to $19,999	$20,000 or more	Less than $2,500	$2,500 to $19,999	$20,000 or more
Vermont	23	4 464	20	2 161	834	–	1	8	10	3	1
Addison	6	2 355	6	1 556	599	–	–	6	–	–	–
All other counties	10	1 892	7	570	236	–	1	2	3	3	1
Farms not on mail list	7	217	7	35	–	–	–	–	7	–	–

Table 40. Farms Operated by Black and Other Races by Tenure: 1978

[For classification of social and ethnic groups; see text]

All Farms

	Full owners			Part owners			Tenants		
	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland
Vermont	14	3 793	1 847	9	671	314	–	–	–
Addison	5	1 911	1 280	1	(D)	(D)	–	–	–
All other counties	9	1 882	567	1	(D)	(D)	–	–	–
Farms not on mail list	–	–	–	7	217	35	–	–	–

Table 41. Operators by Selected Racial Groups: 1978

	All farms		Forms with sales of $2,500 or more	
	Farms	Land in farms	Farms	Land in farms
BLACK				
Vermont	3	712	3	712
AMERICAN INDIAN				
Vermont	3	1 025	3	1 025
ASIAN OR PACIFIC ISLANDER				
Vermont	5	1 265	4	(D)
ALL OTHER RACES (SEE TEXT)				
Vermont	12	1 462	3	1 192
All other counties	5	1 245	3	1 192
Farms not on mail list	7	217	–	–

Table 42. **Operators of Spanish Origin: 1978**

	All farms		Farms with sales of $2,500 or more	
	Farms	Land in farms	Farms	Land in farms
Vermont	35	6 724	20	5 657
Franklin	4	1 411	4	(D)
Washington	4	505	3	(D)
All other counties	11	3 280	5	2 700
Farms not on mail list	16	1 528	8	1 176

Table 43. **Female Operators: 1978**

	All farms		Farms with sales of $2,500 or more	
	Farms	Land in farms	Farms	Land in farms
Vermont	592	115 484	242	68 376
Addison	25	6 187	19	5 198
Bennington	15	3 236	7	1 618
Caledonia	28	5 863	15	4 789
Chittenden	31	7 214	21	6 525
Franklin	42	10 543	30	9 057
Lamoille	15	3 591	8	2 406
Orange	35	5 888	18	3 605
Orleans	29	7 905	21	6 745
Rutland	48	18 554	29	11 634
Washington	32	6 126	18	4 643
Windham	29	5 873	10	2 567
Windsor	56	9 433	20	5 414
All other counties	5	2 007	4	1 901
Farms not on mail list	202	23 064	22	2 274

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	7 273	1 752 940	5 906	1 667 561	4 835	1 479 685	4 531	1 487 270
Average size of farm	(X)	241	(X)	282	(X)	306	(X)	328
Approximate land area	(X)	5 930 240	(X)	5 931 136	(X)	5 930 240	(X)	5 931 136
Proportion in farms ... percent	(X)	29.6	(X)	28.1	(X)	25.0	(X)	25.1
Value of land and buildings:[1]								
Average per farm ... dollars	161 885	(X)	130 338	(X)	195 715	(X)	149 094	(X)
Average per acre ... dollars	(X)	660	(X)	462	(X)	625	(X)	454
Land in farms according to use:								
Total cropland	7 095	861 662	5 762	779 344	4 740	762 230	4 434	714 218
Harvested cropland	6 582	580 792	5 501	514 804	4 602	532 016	4 346	486 923
By acres harvested:								
1 to 9 acres	575	2 317	368	(NA)	189	717	149	(NA)
10 to 19 acres	803	10 788	396	(NA)	275	3 914	129	(NA)
20 to 29 acres	682	15 685	462	(NA)	245	5 780	181	(NA)
30 to 49 acres	961	35 424	824	(NA)	536	20 145	556	(NA)
50 to 99 acres	1 423	98 418	1 483	(NA)	1 254	88 382	1 367	(NA)
100 to 199 acres	1 388	189 312	1 377	(NA)	1 357	185 337	1 374	(NA)
200 to 499 acres	696	193 660	548	(NA)	692	192 553	547	(NA)
500 to 999 acres	51	30 766	38	(NA)	51	30 766	38	(NA)
1,000 acres or more	3	4 422	5	(NA)	3	4 422	5	(NA)
Cropland used only for pasture	4 791	254 001	3 844	232 979	3 252	211 756	2 932	201 938
Other cropland	1 008	26 869	923	31 561	627	18 458	674	25 357
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	295	5 424	(NA)	(NA)	190	3 669	210	6 375
Cropland on which all crops failed	111	1 828	(NA)	(NA)	91	1 576	167	5 587
Cropland in cultivated summer fallow	110	1 992	(NA)	(NA)	76	1 718	85	2 747
Cropland idle	618	17 625	(NA)	(NA)	350	11 495	323	10 648
Total woodland	5 522	700 381	4 782	657 088	3 928	560 516	3 729	562 850
Woodland pastured	2 310	168 958	(NA)	(NA)	1 918	151 110	2 122	193 053
Woodland not pastured	4 541	531 423	(NA)	(NA)	3 135	409 406	2 799	369 797
Other land	4 730	190 897	4 184	231 129	3 083	156 939	3 295	210 202
Pastureland and rangeland, other than cropland and woodland pastured	1 646	116 787	(NA)	(NA)	1 238	102 499	1 687	147 923
Land in house lots, ponds, roads, wasteland, etc	4 228	74 110	(NA)	(NA)	2 730	54 440	2 815	62 279
Pastureland, all types	6 137	539 746	(NA)	(NA)	4 246	465 365	(NA)	542 914
Irrigated land	109	1 595	46	509	88	1 531	36	446
Harvested cropland irrigated	95	1 313	(NA)	(NA)	76	1 260	36	441
Pastureland irrigated	13	259	(NA)	(NA)	12	(D)	(NA)	–
Other land irrigated	5	23	(NA)	(NA)	3	(D)	2	(D)
Land set aside in the federal farm programs in 1978	113	1 889	(X)	(X)	105	1 708	(X)	(X)

[1]1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	7 273	274 318	5 906	207 889	4 835	271 309	4 531	205 970
Average per farm ... dollars	(X)	37 717	(X)	35 200	(X)	56 114	(X)	45 458
Forms by value of agricultural products sold:[1]								
$100,000 or more	767	128 767	355	(NA)	767	128 767	355	(NA)
$40,000 to $99,999	1 670	108 161	1 596	(NA)	1 670	108 161	1 596	(NA)
$20,000 to $39,999	725	21 636	1 140	(NA)	725	21 636	1 140	(NA)
$10,000 to $19,999	476	6 877	619	(NA)	476	6 877	619	(NA)
$5,000 to $9,999	455	3 275	387	(NA)	455	3 275	387	(NA)
$2,500 to $4,999	742	2 593	379	(NA)	742	2 593	379	(NA)
Less than $2,500 (see text)	2 423	2 179	1 418	(NA)	(X)	(X)	55	(NA)
$2,000 to $2,499	264	594	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	330	558	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	580	690	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	1 249	337	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	15	830	12	(NA)	(X)	(X)	(X)	(X)
Crops	2 198	17 475	2 082	15 844	1 357	16 513	(NA)	15 106
Grains	64	276	(NA)	(NA)	57	273	77	394
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	1 672	7 208	(NA)	(NA)	1 036	6 466	1 073	7 544
Vegetables, sweet corn, and melons	282	1 164	(NA)	(NA)	175	1 099	131	548
Fruits, nuts, and berries	222	6 109	(NA)	(NA)	145	6 061	131	4 298
Nursery and greenhouse products	208	2 269	157	1 581	140	2 174	114	1 515
Other crops	84	449	(NA)	(NA)	55	441	83	806
Livestock, poultry, and their products	5 715	256 843	4 915	189 336	4 311	254 796	4 068	188 272
Poultry and poultry products	466	6 263	346	8 780	262	6 224	214	8 753
Dairy products	3 363	219 321	(NA)	(NA)	3 300	218 654	3 447	160 265
Cattle and calves	4 862	29 078	(NA)	(NA)	4 097	28 308	3 945	18 589
Hogs and pigs	576	536	(NA)	(NA)	228	372	190	172
Sheep, lambs, and wool	469	336	(NA)	(NA)	174	257	84	130
Other livestock and livestock products (see text)	875	1 309	(NA)	(NA)	405	980	157	364

[1]1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	7 273	5 906	1 752 940	6 582	1 696 966	580 792	109	19 688	8 160	1 595
Farms with—										
1 to 9 acres	316	160	1 177	140	632	299	15	84	28	22
10 to 49 acres	864	402	23 039	676	18 809	8 816	32	670	193	142
50 to 69 acres	362	238	20 872	319	18 412	7 897	9	512	195	185
70 to 99 acres	581	303	49 133	545	46 082	14 489	4	315	72	23
100 to 139 acres	897	572	104 536	734	84 090	27 878	6	684	193	46
140 to 179 acres	658	577	104 984	634	101 207	32 318	6	910	153	78
180 to 219 acres	579	595	115 166	566	112 570	39 740	7	1 392	454	72
220 to 259 acres	525	539	124 776	503	119 598	45 082	4	928	520	238
260 to 499 acres	1 684	1 741	597 793	1 666	591 464	217 612	16	5 746	2 812	358
500 to 999 acres	685	655	439 868	678	434 739	144 163	7	4 615	1 695	326
1,000 to 1,999 acres	113	110	144 337	113	144 337	37 932	3	3 832	1 845	105
2,000 acres or more	9	14	27 259	8	25 026	4 566	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	7 273	1 752 940	5 906	1 667 561	4 835	1 479 685	4 531	1 487 270
Harvested cropland	6 582	580 792	5 501	514 804	4 602	532 016	4 346	486 923
Tenure of operator:								
Full owners	4 033	779 787	3 504	817 662	2 171	553 868	2 380	664 707
Harvested cropland	3 557	215 764	(NA)	220 867	2 028	181 178	(NA)	198 821
Part owners	2 785	882 683	2 106	776 991	2 335	842 825	1 896	753 263
Harvested cropland	2 658	331 078	(NA)	267 451	2 274	318 975	(NA)	262 352
Tenants	455	90 470	296	72 908	329	82 992	255	69 300
Harvested cropland	367	33 950	(NA)	26 486	300	31 863	(NA)	25 750
Type of organization:								
Individual or family	6 572	1 478 116	(NA)	(NA)	4 239	1 228 906	4 108	1 295 655
Partnership	511	188 748	(NA)	(NA)	441	176 853	339	144 918
Corporation	145	69 414	(NA)	(NA)	138	68 177	77	42 225
Other—cooperative, estate or trust, institutional, etc.	45	16 662	(NA)	(NA)	17	5 749	7	4 472

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	4 571	4 223	3 903	3 844
Other	2 702	1 587	932	603
Operators by age group:				
Under 25 years	159	106	112	94
25 to 34 years	1 164	738	818	592
35 to 44 years	1 760	1 216	1 041	931
45 to 54 years	1 782	1 556	1 259	1 220
55 to 64 years	1 398	1 307	1 016	1 007
65 years and over	1 010	887	589	603
Average age	48.3	50.0	48.1	49.4

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	6 371	4 808	4 214	3 758
Not on farm operated	491	371	320	246
Not reported	411	631	301	443
Operators reporting days of work off farm:				
None	3 480	2 713	2 887	2 464
1 to 49 days	571	436	444	345
50 to 99 days	199	181	137	116
100 to 149 days	224	133	107	85
150 to 199 days	449	241	279	120
200 days or more	2 099	1 211	762	517

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	3 492	16 104	2 603	11 322	2 474	15 364	1 957	11 064
Feed for livestock and poultry	6 232	85 682	5 136	67 486	4 350	84 073	4 064	66 740
Commercially mixed formula feeds	4 982	67 258	4 672	61 008	3 882	66 458	3 956	60 560
Animal health costs	5 288	3 492	(NA)	(NA)	4 039	3 315	3 317	2 122
Seeds, bulbs, plants, and trees	3 703	3 354	3 463	1 901	3 143	3 149	2 976	1 859
Commercial fertilizer	4 756	9 524	3 997	7 400	3 803	9 139	3 376	7 278
Other agricultural chemicals including lime	4 049	2 810	2 532	1 539	3 281	2 632	2 252	1 511
Hired farm labor	3 866	21 635	3 137	14 779	3 297	20 731	2 834	14 497
Contract labor	445	659	215	389	365	583	164	364
Customwork, machine hire, and rental of machinery and equipment	1 711	1 296	1 728	1 125	1 432	1 191	1 517	1 085
Energy and petroleum products	7 251	15 542	(NA)	(NA)	4 846	14 812	(NA)	(NA)
Petroleum products	7 239	9 826	5 782	6 705	4 834	9 298	4 484	6 449
Gasoline	7 034	5 342	(NA)	(NA)	4 690	4 980	4 400	4 065
Diesel fuel	3 509	2 657	(NA)	(NA)	3 166	2 599	2 622	1 400
LP gas, butane, and propane	751	248	(NA)	(NA)	710	239	536	201
Fuel oil	824	724	(NA)	(NA)	752	698		
Natural gas	35	10	(NA)	(NA)	35	10	4 482	783
Kerosene, motor oil, and grease	7 239	844	(NA)	(NA)	4 834	772		
Electricity	5 184	5 506	(NA)	(NA)	4 170	5 335	(NA)	(NA)
Other—coal, wood, coke, etc.	473	210	(NA)	(NA)	383	180	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	4 632	369 395	3 736	355 364	3 381	274 044
Cropland fertilized, except pasture	4 567	318 857	3 696	306 748	(NA)	231 870
Pasture and rangeland fertilized	1 579	50 538	1 396	48 616	(NA)	42 174
Lime	2 516	81 803	2 150	77 267	1 124	40 535
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	1 147	38 295	822	34 362	(NA)	30 885
Nematodes in crops	130	7 369	108	7 206	5	122
Diseases in crops and orchards	386	9 872	256	9 142	75	3 365
Weeds, grass, or brush in crops and pasture	2 447	89 300	2 174	86 524	(NA)	50 201
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	204	6 774	166	6 391	30	1 252
Insect control on livestock and poultry	2 413	(X)	1 982	(X)	462	(X)
Sanitation and rodent and bird control	915	(X)	751	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment—farms	7 268	5 754	4 857	4 451
$1,000	225 195	141 152	206 233	129 318
Average per farm—dollars	30 984	24 531	42 461	29 054
Farms by value group:				
$1 to $4,999	1 052	696	384	283
$5,000 to $9,999	1 760	1 036	461	548
$10,000 to $19,999	1 044	1 196	760	906

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	830	1 057	740	983
$30,000 to $49,999	1 003	1 095	963	1 063
$50,000 to $69,999	573	386	555	383
$70,000 to $99,999	486		477	
$100,000 to $199,999	458	288	455	285
$200,000 or more	62		62	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	4 998	6 580	2 914	3 439	2 636	3 141	4 719	6 353	4 013
Motortrucks including pickups	5 608	7 849	2 902	3 252	3 439	4 597	4 373	6 177	2 446
Wheel tractors	6 537	16 322	1 838	2 640	6 097	13 682	5 319	13 694	3 100
Grain and bean combines, self-propelled only	152	170	11	14	142	156	80	87	8
Corn heads for combines	356	375	129	131	233	244	224	238	100
Other corn pickers and picker-shellers	181	204	96	108	89	96	182	188	62
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	3 711	4 104	1 754	1 806	2 093	2 298	2 591	2 776	1 413
Pickup balers	4 202	4 434	1 015	1 030	3 255	3 404	3 779	3 975	1 156
Field forage harvesters, shear bar or flywheel type	2 351	2 798	914	968	1 548	1 830	2 040	2 328	927

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	3 866	2 102	(X)	2 936	(X)	3 297	2 834
Workers	14 375	(X)	4 146	(X)	10 229	13 064	15 158
Farms with—							
1 worker	1 146	1 011	1 011	993	993	856	736
2 workers	789	634	1 268	629	1 258	679	552
3 or 4 workers	1 022	358	1 174	758	2 531	889	648
5 to 9 workers	695	84	490	394	2 399	670	567
10 workers or more	214	15	203	162	3 048	203	331

Table 9. Livestock and Poultry—Inventory and Sales: 1978 and 1974

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	6 298	(X)	5 110	(X)	4 340	(X)	4 083	(X)
Any cattle, hogs, or sheep	5 722	(X)	4 874	(X)	4 155	(X)	3 972	(X)
Sales:								
Any livestock or poultry and their products $1,000	5 715	256 843	4 915	189 336	4 311	254 796	4 068	188 272
Any cattle, hogs, or sheep $1,000	5 252	29 950	4 695	(NA)	4 171	28 937	3 977	18 891
CATTLE AND CALVES								
Inventory:								
Cattle and calves	5 395	326 517	4 763	331 990	4 089	313 270	3 938	320 346
Cows and heifers that had calved	4 826	198 315	4 464	201 031	3 778	192 909	3 785	195 948
Beef cows	1 512	10 891	1 204	11 825	765	7 144	680	7 964
Milk cows	3 919	187 424	3 899	189 206	3 428	185 765	3 570	187 984
Heifers and heifer calves	4 535	113 526	(NA)	(NA)	3 622	108 066	3 496	105 653
Steers, steer calves, bulls and bull calves	3 111	14 676	(NA)	(NA)	2 309	12 295	2 308	18 745
Sales:								
Cattle and calves	4 862	161 875	4 592	150 895	4 097	158 153	3 945	147 290
$1,000	(X)	29 078	(X)	(NA)	(X)	28 308	(X)	18 589
Calves	4 040	109 829	(NA)	(NA)	3 588	107 805	3 505	100 967
$1,000	(X)	7 065	(X)	(NA)	(X)	6 879	(X)	3 895
Cattle	4 129	52 046	(NA)	(NA)	3 510	50 348	3 493	46 323
$1,000	(X)	22 013	(X)	(NA)	(X)	21 429	(X)	14 694
Fattened cattle	400	3 405	(NA)	(NA)	237	3 116	185	2 536
$1,000	(X)	1 357	(X)	(NA)	(X)	1 257	(X)	789
Dairy products $1,000	3 363	219 321	(NA)	(NA)	3 300	218 654	3 447	160 265
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	1 072	7 871	755	4 455	498	3 960	509	3 340
Used or to be used for breeding	503	2 049	(NA)	(NA)	173	885	153	791
Other hogs and pigs	846	5 822	(NA)	(NA)	456	3 075	472	2 549
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	527	1 727	235	943	180	892	162	762
Dec. 1 of preceding year and May 31	423	1 037	158	457	142	491	102	365
June 1 and Nov. 30	230	690	173	486	119	401	129	397
Sheep and lambs	545	9 002	243	4 998	208	5 252	114	3 084
Ewes 1 year old or older	478	6 177	(NA)	(NA)	175	3 727	90	2 164
Goats	419	2 201	(NA)	(NA)	54	439	15	80
Horses and ponies	1 994	8 455	1 253	5 355	1 087	4 741	830	3 827
Sales:								
Hogs and pigs	576	11 077	288	5 491	228	7 125	190	4 388
$1,000	(X)	536	(X)	(NA)	(X)	372	(X)	172
Feeder pigs	278	5 957	98	2 811	76	3 311	67	2 119
$1,000	(X)	171	(X)	(NA)	(X)	93	(X)	45
Sheep and lambs	280	5 695	142	2 534	148	4 362	75	1 817
Sheep and lambs shorn	452	7 475	(NA)	(NA)	166	4 503	72	2 438
Pounds of wool	(X)	55 008	(X)	(NA)	(X)	31 974	(X)	18 441
Sheep, lambs, and wool $1,000	469	336	(NA)	(NA)	174	257	84	130
Goats	180	1 033	(NA)	(NA)	24	245	7	22
$1,000	(X)	29	(X)	(NA)	(X)	14	(X)	1
Horses and ponies	602	1 637	194	645	326	948	117	467
$1,000	(X)	959	(X)	(NA)	(X)	658	(X)	234
POULTRY								
Inventory:								
Any poultry	1 389	(X)	787	(X)	672	(X)	504	(X)
Chickens 3 months old or older	1 217	531 740	753	826 674	589	519 054	476	818 728
Hens and pullets of laying age	1 200	504 525	733	800 988	576	492 715	464	793 658
Pullets 3 months old or older	140	27 215	(NA)	(NA)	69	26 339	17	19 660
Pullet chicks and pullets under 3 months old	65	56 985	(NA)	(NA)	17	55 875	12	22 104
Broilers and other meat-type chickens	242	8 407	70	3 152	113	5 376	39	1 618
Turkeys	133	4 782	(NA)	(NA)	49	4 114	27	3 714
Turkeys for slaughter	121	4 701	(NA)	(NA)	41	4 082	25	3 706
Turkey hens kept for breeding	27	81	(NA)	(NA)	12	32	5	8
Other poultry	602	(X)	(NA)	(X)	230	(X)	57	(X)
Sales:								
Any poultry	330	(X)	185	(X)	183	(X)	132	(X)
Chickens 3 months old or older	156	412 746	154	416 705	91	409 805	109	415 048
Hens and pullets of laying age	137	362 499	143	388 248	79	359 698	106	386 762
Pullets 3 months old or older	22	50 247	(NA)	(NA)	15	50 107	2	(D)
Pullet chicks and pullets under 3 months old	12	(D)	(NA)	(NA)	2	(D)	3	17 800
Broilers and other meat-type chickens	65	6 375	24	4 802	36	4 817	14	4 240
Turkeys	30	11 121	(NA)	(NA)	19	11 034	8	7 507
Turkeys for slaughter	29	11 120	(NA)	(NA)	19	11 034	8	7 507
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	–	–
Other poultry	84	(X)	(NA)	(X)	56	(X)	7	(X)
Poultry and poultry products $1,000	466	6 263	346	8 780	262	6 224	214	8 753

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	2 279	102 440	(X)	12	290	2 137	100 852	(X)	12	290
	1974	2 310	94 412	(X)	(NA)	(NA)	2 229	93 840	(X)	4	153
For grain or seed (bushels)	1978	171	(D)	553 536	1	(D)	149	6 829	550 936	1	(D)
	1974	185	5 776	470 402	(NA)	(NA)	162	5 671	464 326	1	(D)
For silage or green chop (tons, green)	1978	2 190	95 543	1 351 610	11	(D)	2 067	94 023	1 330 870	11	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2 170	87 776	1 251 336	4	(D)
For fodder, hogged or grazed	1978	2	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	12	393	(X)	–	–
Sorghums for all purposes	1978	82	1 299	(X)	2	(D)	82	1 299	(X)	2	(D)
	1974	93	1 894	(X)	(NA)	(NA)	82	1 671	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	82	1 299	12 079	2	(D)	82	1 299	12 079	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	72	1 352	10 480	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	284	568	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	35	(X)	–	–
Wheat for grain (bushels)	1978	18	328	10 622	–	–	14	299	10 257	–	–
	1974	25	252	9 281	(NA)	(NA)	21	230	8 662	–	–
Oats for grain (bushels)	1978	135	3 366	147 097	–	–	113	3 254	143 582	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	112	2 188	99 809	–	–
Barley for grain (bushels)	1978	12	364	12 397	–	–	11	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	24	587	23 260	–	–
Rye for grain (bushels)	1978	5	15	666	–	–	4	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	17	390	–	–
Other small grains for grain	1978	8	132	(X)	–	–	6	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	86	(X)	–	–
Soybeans for beans (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	7	107	3 260	(NA)	(NA)	7	107	3 260	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	120	701	127 284	11	(D)	77	672	124 193	2	(D)
	1974	198	1 035	221 208	(NA)	(NA)	120	983	216 224	3	3
Sweetpotatoes (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	5 965	493 499	879 189	11	264	4 331	448 081	826 496	11	264
	1974	5 074	431 888	783 415	(NA)	(NA)	4 051	405 328	750 506	9	197
Alfalfa hay (tons, dry)	1978	2 057	99 443	220 029	1	(D)	1 776	93 693	212 387	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1 562	80 639	182 765	2	(D)
Other tame dry hay (tons, dry) (see text)	1978	4 251	256 038	462 498	6	81	3 205	229 240	429 107	6	81
Field seed crops	1978	3	(D)	(X)	–	–	3	112	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	51	1 600	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	16	290	10 222	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	23	328	15 202	–	–
All vegetables harvested for sale (see text)	1978	282	1 600	(X)	31	306	175	1 426	(X)	19	288
	1974	229	1 338	(X)	(NA)	(NA)	154	1 177	(X)	7	40
Sweet corn	1978	221	1 001	(X)	17	(D)	138	899	(X)	7	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	134	775	(X)	4	23
Tomatoes	1978	99	87	(X)	18	25	68	79	(X)	8	23
	1974	(NA)	(NA)	(X)	(NA)	(NA)	61	54	(X)	3	1
Green peas excluding cowpeas	1978	38	25	(X)	3	(D)	27	23	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	43	44	(X)	5	3
Land in orchards	1978	394	6 494	(X)	9	212	127	4 308	(X)	5	(D)
	1974	161	5 322	(X)	(NA)	(NA)	112	5 127	(X)	1	(D)
Apples (pounds)	1978	391	6 430	50 121 866	(NA)	(NA)	125	4 267	49 399 591	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	112	5 105	50 991 522	(NA)	(NA)
Peaches (pounds)	1978	8	14	(D)	(NA)	(NA)	4	12	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	27	10	4 875	(NA)	(NA)	9	5	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	152	232	(X)	35	136	87	201	(X)	25	130
	1974	79	96	(X)	(NA)	(NA)	52	83	(X)	13	40
Strawberries (pounds)	1978	118	188	679 664	35	126	76	172	642 409	25	120
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	42	70	278 107	13	36
Nursery and greenhouse products	1978	208	269	(X)	29	84	140	236	(X)	26	80
Other crops	1978	8	112	(X)	(NA)	(NA)	8	112	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	1 421	119 891	(NA)	(NA)	348	45 599	(NA)	(NA)
Average size of farm	(X)	84	(X)	(NA)	(X)	131	(X)	(NA)
Approximate land area	(X)	(X)	(X)	(NA)	(X)	(X)	(X)	(NA)
Proportion in farms ... percent	(X)	(X)	(X)	(NA)	(X)	(X)	(X)	(NA)
Value of land and buildings:[1]								
Average per farm ... dollars	79 300	(X)	(NA)	(X)	82 146	(X)	(NA)	(X)
Average per acre ... dollars	(X)	940	(X)	(NA)	(X)	627	(X)	(NA)
Land in farms according to use:								
Total cropland	1 399	55 418	(NA)	(NA)	348	18 671	(NA)	(NA)
Harvested cropland	1 088	25 835	(NA)	(NA)	305	10 811	(NA)	(NA)
By acres harvested:								
1 to 9 acres	222	919	(NA)	(NA)	14	70	(NA)	(NA)
10 to 19 acres	406	5 447	(NA)	(NA)	150	2 225	(NA)	(NA)
20 to 29 acres	205	4 780	(NA)	(NA)	38	958	(NA)	(NA)
30 to 49 acres	158	5 773	(NA)	(NA)	51	1 650	(NA)	(NA)
50 to 99 acres	68	4 082	(NA)	(NA)	30	1 879	(NA)	(NA)
100 to 199 acres	22	2 545	(NA)	(NA)	15	1 740	(NA)	(NA)
200 to 499 acres	7	2 289	(NA)	(NA)	7	2 289	(NA)	(NA)
500 to 999 acres	–	–	(NA)	(NA)	–	–	(NA)	(NA)
1,000 acres or more	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cropland used only for pasture	1 078	26 408	(NA)	(NA)	298	7 204	(NA)	(NA)
Other cropland	184	3 175	(NA)	(NA)	45	656	(NA)	(NA)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	29	172	(NA)	(NA)	7	28	(NA)	(NA)
Cropland on which all crops failed	15	15	(NA)	(NA)	15	15	(NA)	(NA)
Cropland in cultivated summer fallow	15	103	(NA)	(NA)	–	–	(NA)	(NA)
Cropland idle	133	2 885	(NA)	(NA)	23	613	(NA)	(NA)
Total woodland	800	49 546	(NA)	(NA)	254	24 125	(NA)	(NA)
Woodland pastured	140	7 155	(NA)	(NA)	72	5 452	(NA)	(NA)
Woodland not pastured	713	42 391	(NA)	(NA)	212	18 673	(NA)	(NA)
Other land	901	14 927	(NA)	(NA)	129	2 803	(NA)	(NA)
Pastureland and rangeland, other than cropland and woodland pastured	135	4 421	(NA)	(NA)	15	805	(NA)	(NA)
Land in house lots, ponds, roads, wasteland, etc	834	10 506	(NA)	(NA)	122	1 998	(NA)	(NA)
Pastureland, all types	1 210	37 984	(NA)	(NA)	340	13 461	(NA)	(NA)
Irrigated land	15	198	(NA)	(NA)	7	182	(NA)	(NA)
Harvested cropland irrigated	8	16	(NA)	(NA)	–	–	(NA)	(NA)
Pastureland irrigated	7	182	(NA)	(NA)	7	182	(NA)	(NA)
Other land irrigated	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Land set aside in the federal farm programs in 1978	–	–	(X)	(X)	–	–	(X)	(X)

[1] 1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	1 421	3 437	(NA)	(NA)	348	2 739	(NA)	(NA)
Average per farm ... dollars	(X)	2 418	(X)	(NA)	(X)	7 872	(X)	(NA)
Farms by value of agricultural products sold:[1]								
$100,000 or more	–	–	(NA)	(NA)	–	–	(NA)	(NA)
$40,000 to $99,999	15	714	(NA)	(NA)	15	714	(NA)	(NA)
$20,000 to $39,999	15	386	(NA)	(NA)	15	386	(NA)	(NA)
$10,000 to $19,999	37	496	(NA)	(NA)	37	496	(NA)	(NA)
$5,000 to $9,999	46	371	(NA)	(NA)	46	371	(NA)	(NA)
$2,500 to $4,999	235	773	(NA)	(NA)	235	773	(NA)	(NA)
Less than $2,500 (see text)	1 073	697	(NA)	(NA)	(X)	(X)	(NA)	(NA)
$2,000 to $2,499	65	152	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	89	147	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	247	290	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	672	109	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	(NA)	(NA)	(X)	(X)	(X)	(X)
Crops	455	756	(NA)	(NA)	172	433	(NA)	(NA)
Grains	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Field seeds, hay, forage, and silage	333	534	(NA)	(NA)	143	297	(NA)	(NA)
Vegetables, sweet corn, and melons	59	36	(NA)	(NA)	7	17	(NA)	(NA)
Fruits, nuts, and berries	43	40	(NA)	(NA)	14	25	(NA)	(NA)
Nursery and greenhouse products	49	146	(NA)	(NA)	15	95	(NA)	(NA)
Other crops	8	(Z)	(NA)	(NA)	–	–	(NA)	(NA)
Livestock, poultry, and their products	882	2 681	(NA)	(NA)	332	2 306	(NA)	(NA)
Poultry and poultry products	105	17	(NA)	(NA)	37	3	(NA)	(NA)
Dairy products	68	1 130	(NA)	(NA)	53	1 118	(NA)	(NA)
Cattle and calves	438	1 023	(NA)	(NA)	294	917	(NA)	(NA)
Hogs and pigs	247	117	(NA)	(NA)	29	43	(NA)	(NA)
Sheep, lambs, and wool	187	100	(NA)	(NA)	37	91	(NA)	(NA)
Other livestock and livestock products (see text)	479	294	(NA)	(NA)	157	133	(NA)	(NA)

[1] 1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	1 421	(NA)	119 891	1 088	96 355	25 835	15	479	191	198
Farms with—										
1 to 9 acres	137	(NA)	585	38	238	92	–	–	–	–
10 to 49 acres	398	(NA)	10 253	329	8 750	3 984	8	80	16	16
50 to 69 acres	130	(NA)	7 417	122	6 921	2 999	7	399	175	182
70 to 99 acres	256	(NA)	22 241	242	20 981	4 598	–	–	–	–
100 to 139 acres	308	(NA)	35 358	180	18 878	4 442	–	–	–	–
140 to 179 acres	125	(NA)	20 347	125	20 347	4 441	–	–	–	–
180 to 219 acres	22	(NA)	4 170	22	4 170	930	–	–	–	–
220 to 259 acres	15	(NA)	3 450	–	–	–	–	–	–	–
260 to 499 acres	16	(NA)	4 240	16	4 240	1 360	–	–	–	–
500 to 999 acres	7	(NA)	3 850	7	3 850	2 289	–	–	–	–
1,000 to 1,999 acres	7	(NA)	7 980	7	7 980	700	–	–	–	–
2,000 acres or more	–	(NA)	–	–	–	–	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 421	119 891	(NA)	(NA)	348	45 599	(NA)	(NA)
Harvested cropland	1 088	25 835	(NA)	(NA)	305	10 811	(NA)	(NA)
Tenure of operator:								
Full owners	909	83 279	(NA)	(NA)	125	21 566	(NA)	(NA)
Harvested cropland	717	15 156	(NA)	(NA)	125	5 264	(NA)	(NA)
Part owners	389	27 389	(NA)	(NA)	178	17 297	(NA)	(NA)
Harvested cropland	311	6 801	(NA)	(NA)	151	2 412	(NA)	(NA)
Tenants	123	9 223	(NA)	(NA)	45	6 736	(NA)	(NA)
Harvested cropland	60	3 878	(NA)	(NA)	29	3 135	(NA)	(NA)
Type of organization:								
Individual or family	1 391	118 994	(NA)	(NA)	340	45 447	(NA)	(NA)
Partnership	23	827	(NA)	(NA)	8	152	(NA)	(NA)
Corporation	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.	7	70	(NA)	(NA)	–	–	(NA)	(NA)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	565	(NA)	246	(NA)
Other	856	(NA)	102	(NA)
Operators by age group:				
Under 25 years	46	(NA)	16	(NA)
25 to 34 years	345	(NA)	174	(NA)
35 to 44 years	469	(NA)	40	(NA)
45 to 54 years	292	(NA)	65	(NA)
55 to 64 years	127	(NA)	23	(NA)
65 years and over	142	(NA)	30	(NA)
Average age	44.0	(NA)	40.4	(NA)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	1 353	(NA)	303	(NA)
Not on farm operated	61	(NA)	38	(NA)
Not reported	7	(NA)	7	(NA)
Operators reporting days of work off farm:				
None	370	(NA)	75	(NA)
1 to 49 days	44	(NA)	16	(NA)
50 to 99 days	14	(NA)	–	(NA)
100 to 149 days	61	(NA)	8	(NA)
150 to 199 days	200	(NA)	135	(NA)
200 days or more	697	(NA)	79	(NA)

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	714	980	(NA)	(NA)	303	638	(NA)	(NA)
Feed for livestock and poultry	1 262	1 367	(NA)	(NA)	336	684	(NA)	(NA)
Commercially mixed formula feeds	1 029	900	(NA)	(NA)	321	581	(NA)	(NA)
Animal health costs	793	112	(NA)	(NA)	269	51	(NA)	(NA)
Seeds, bulbs, plants, and trees	424	198	(NA)	(NA)	195	41	(NA)	(NA)
Commercial fertilizer	518	291	(NA)	(NA)	120	124	(NA)	(NA)
Other agricultural chemicals including lime	509	108	(NA)	(NA)	203	45	(NA)	(NA)
Hired farm labor	196	102	(NA)	(NA)	109	65	(NA)	(NA)
Contract labor	167	68	(NA)	(NA)	128	17	(NA)	(NA)
Customwork, machine hire, and rental of machinery and equipment	68	11	(NA)	(NA)	22	4	(NA)	(NA)
Energy and petroleum products	1 421	536	(NA)	(NA)	348	304	(NA)	(NA)
Petroleum products	1 421	377	(NA)	(NA)	348	194	(NA)	(NA)
Gasoline	1 382	259	(NA)	(NA)	333	135	(NA)	(NA)
Diesel fuel	180	50	(NA)	(NA)	54	27	(NA)	(NA)
LP gas, butane, and propane	134	11	(NA)	(NA)	127	10	(NA)	(NA)
Fuel oil	36	10	(NA)	(NA)	29	10	(NA)	(NA)
Natural gas	–	–	(NA)	(NA)	–	–		
Kerosene, motor oil, and grease	1 421	47	(NA)	(NA)	348	12		
Electricity	573	152	(NA)	(NA)	255	106	(NA)	(NA)
Other—coal, wood, coke, etc.	36	8	(NA)	(NA)	7	4	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	488	9 449	112	4 514	(NA)	(NA)
Cropland fertilized, except pasture	488	8 986	112	4 450	(NA)	(NA)
Pasture and rangeland fertilized	60	463	8	64	(NA)	(NA)
Lime	143	1 983	53	643	(NA)	(NA)
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	328	2 450	127	381	(NA)	(NA)
Nematodes in crops	7	1 400	7	1 400	(NA)	(NA)
Diseases in crops and orchards	97	1 039	37	753	(NA)	(NA)
Weeds, grass, or brush in crops and pasture	47	1 674	31	1 346	(NA)	(NA)
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	45	345	15	105	(NA)	(NA)
Insect control on livestock and poultry	337	(X)	143	(X)	(NA)	(X)
Sanitation and rodent and bird control	45	(X)	8	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	1 421	(NA)	348	(NA)
$1,000	9 587	(NA)	3 134	(NA)
Average per farm — dollars	6 747	(NA)	9 005	(NA)
Farms by value group:				
$1 to $4,999	527	(NA)	169	(NA)
$5,000 to $9,999	675	(NA)	89	(NA)
$10,000 to $19,999	144	(NA)	53	(NA)

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	45	(NA)	22	(NA)
$30,000 to $49,999	23	(NA)	8	(NA)
$50,000 to $69,999	–	(NA)	–	(NA)
$70,000 to $99,999	–		–	
$100,000 to $199,999	7	(NA)	7	(NA)
$200,000 or more	–		–	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	747	815	194	217	575	598	(NA)	(NA)	(NA)
Motortrucks including pickups	1 067	1 251	612	671	499	580	(NA)	(NA)	(NA)
Wheel tractors	1 154	1 685	83	83	1 108	1 602	(NA)	(NA)	(NA)
Grain and bean combines, self-propelled only	7	14	–	–	7	14	(NA)	(NA)	(NA)
Corn heads for combines	29	29	–	–	29	29	(NA)	(NA)	(NA)
Other cornpickers and picker-shellers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	298	327	171	171	141	156	(NA)	(NA)	(NA)
Pickup balers	344	352	23	23	329	329	(NA)	(NA)	(NA)
Field forage harvesters, shear bar or flywheel type	91	91	15	15	76	76	(NA)	(NA)	(NA)

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Forms	196	7	(X)	189	(X)	109	(NA)
Workers	377	(X)	14	(X)	363	238	(NA)
Farms with—							
1 worker	87	–	–	87	87	30	(NA)
2 workers	65	7	14	58	116	50	(NA)
3 or 4 workers	37	–	–	37	125	22	(NA)
5 to 9 workers	7	–	–	7	35	7	(NA)
10 workers or more	–	–	–	–	–	–	(NA)

Table 9. **Livestock and Poultry—Inventory and Sales: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	1 241	(X)	(NA)	(NA)	336	(X)	(NA)	(NA)
Any cattle, hogs, or sheep	985	(X)	(NA)	(NA)	320	(X)	(NA)	(NA)
Sales:								
Any livestock or poultry and their products $1,000	882	2 681	(NA)	(NA)	332	2 306	(NA)	(NA)
Any cattle, hogs, or sheep $1,000	655	1 240	(NA)	(NA)	309	1 051	(NA)	(NA)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	804	9 533	(NA)	(NA)	312	5 797	(NA)	(NA)
Cows and heifers that had calved	570	4 855	(NA)	(NA)	177	3 337	(NA)	(NA)
Beef cows	346	2 291	(NA)	(NA)	110	1 396	(NA)	(NA)
Milk cows	343	2 564	(NA)	(NA)	110	1 941	(NA)	(NA)
Heifers and heifer calves	439	3 053	(NA)	(NA)	140	1 384	(NA)	(NA)
Steers, steer calves, bulls and bull calves	410	1 625	(NA)	(NA)	156	1 076	(NA)	(NA)
Sales:								
Cattle and calves	438	4 593	(NA)	(NA)	294	3 942	(NA)	(NA)
$1,000	(X)	1 023	(X)	(NA)	(X)	917	(X)	(NA)
Calves	310	2 675	(NA)	(NA)	211	2 248	(NA)	(NA)
$1,000	(X)	383	(X)	(NA)	(X)	351	(X)	(NA)
Cattle	230	1 918	(NA)	(NA)	132	1 694	(NA)	(NA)
$1,000	(X)	640	(X)	(NA)	(X)	566	(X)	(NA)
Fattened cattle	54	150	(NA)	(NA)	8	80	(NA)	(NA)
$1,000	(X)	36	(X)	(NA)	(X)	20	(X)	(NA)
Dairy products $1,000	68	1 130	(NA)	(NA)	53	1 118	(NA)	(NA)
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	383	2 637	(NA)	(NA)	52	194	(NA)	(NA)
Used or to be used for breeding	285	968	(NA)	(NA)	29	43	(NA)	(NA)
Other hogs and pigs	211	1 669	(NA)	(NA)	44	151	(NA)	(NA)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	292	657	(NA)	(NA)	29	57	(NA)	(NA)
Dec. 1 of preceding year and May 31	225	426	(NA)	(NA)	15	22	(NA)	(NA)
June 1 and Nov. 30	82	231	(NA)	(NA)	14	35	(NA)	(NA)
Sheep and lambs	204	2 556	(NA)	(NA)	37	1 522	(NA)	(NA)
Ewes 1 year old or older	196	1 829	(NA)	(NA)	37	1 104	(NA)	(NA)
Goats	339	1 576	(NA)	(NA)	15	30	(NA)	(NA)
Horses and ponies	614	2 166	(NA)	(NA)	171	580	(NA)	(NA)
Sales:								
Hogs and pigs	247	2 818	(NA)	(NA)	29	566	(NA)	(NA)
$1,000	(X)	117	(X)	(NA)	(X)	43	(X)	(NA)
Feeder pigs	165	1 986	(NA)	(NA)	7	133	(NA)	(NA)
$1,000	(X)	63	(X)	(NA)	(X)	5	(X)	(NA)
Sheep and lambs	44	1 360	(NA)	(NA)	30	1 297	(NA)	(NA)
Sheep and lambs shorn	187	2 308	(NA)	(NA)	37	1 341	(NA)	(NA)
Pounds of wool	(X)	16 336	(X)	(NA)	(X)	9 170	(X)	(NA)
Sheep, lambs, and wool $1,000	187	100	(NA)	(NA)	37	91	(NA)	(NA)
Goats	143	647	(NA)	(NA)	7	7	(NA)	(NA)
$1,000	(X)	9	(X)	(NA)	(X)	(Z)	(X)	(NA)
Horses and ponies	336	859	(NA)	(NA)	157	386	(NA)	(NA)
$1,000	(X)	283	(X)	(NA)	(X)	132	(X)	(NA)
POULTRY								
Inventory:								
Any poultry	491	(X)	(NA)	(NA)	94	(X)	(NA)	(NA)
Chickens 3 months old or older	447	7 283	(NA)	(NA)	94	1 180	(NA)	(NA)
Hens and pullets of laying age	440	6 648	(NA)	(NA)	87	983	(NA)	(NA)
Pullets 3 months old or older	59	635	(NA)	(NA)	22	197	(NA)	(NA)
Pullet chicks and pullets under 3 months old	37	980	(NA)	(NA)	–	–	(NA)	(NA)
Broilers and other meat-type chickens	105	1 985	(NA)	(NA)	29	337	(NA)	(NA)
Turkeys	44	372	(NA)	(NA)	–	–	(NA)	(NA)
Turkeys for slaughter	44	351	(NA)	(NA)	–	–	(NA)	(NA)
Turkey hens kept for breeding	7	21	(NA)	(NA)	–	–	(NA)	(NA)
Other poultry	315	(X)	(NA)	(X)	64	(X)	(NA)	(X)
Sales:								
Any poultry	96	(X)	(NA)	(NA)	30	(X)	(NA)	(NA)
Chickens 3 months old or older	38	1 845	(NA)	(NA)	8	152	(NA)	(NA)
Hens and pullets of laying age	23	1 553	(NA)	(NA)	–	–	(NA)	(NA)
Pullets 3 months old or older	15	292	(NA)	(NA)	8	152	(NA)	(NA)
Pullet chicks and pullets under 3 months old	8	800	(NA)	(NA)	–	–	(NA)	(NA)
Broilers and other meat-type chickens	23	1 135	(NA)	(NA)	8	160	(NA)	(NA)
Turkeys	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Other poultry	37	(X)	(NA)	(X)	30	(X)	(NA)	(X)
Poultry and poultry products $1,000	105	17	(NA)	(NA)	37	3	(NA)	(NA)

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	68	2 083	(X)	–	–	22	1 635	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
For grain or seed (bushels)	1978	21	392	38 633	–	–	14	385	38 500	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
For silage or green chop (tons, green)	1978	54	1 691	20 940	–	–	15	1 250	13 200	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Wheat for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats for grain (bushels)	1978	14	644	19 684	–	–	7	630	18 900	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Irish potatoes (hundredweight)	1978	8	1	240	8	1	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay crops (tons, dry) (see text)	1978	832	21 424	31 997	–	–	291	8 486	18 039	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Alfalfa hay (tons, dry)	1978	116	2 120	3 303	–	–	45	919	1 323	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other tame dry hay (tons, dry) (see text)	1978	581	14 745	25 758	–	–	246	7 039	16 356	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All vegetables harvested for sale (see text)	1978	59	106	(X)	8	16	7	14	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Sweet corn	1978	52	67	(X)	8	2	7	7	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Tomatoes	1978	22	5	(X)	8	2	7	2	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Land in orchards	1978	209	1 961	(X)	–	–	7	49	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Apples (pounds)	1978	209	1 957	667 615	(NA)	(NA)	7	49	201 600	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	7	1	4 200	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Berries	1978	29	7	(X)	8	4	7	1	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Strawberries (pounds)	1978	22	5	18 740	8	4	7	1	1 050	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Nursery and greenhouse products	1978	49	45	(X)	–	–	15	32	(X)	–	–
Other crops	1978	–	–	(X)	(NA)	(NA)	–	–	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	700	238 716	724	243 517	617	226 726	639	234 977
Average size of farm	(X)	341	(X)	336	(X)	367	(X)	368
Approximate land area	(X)	501 760	(X)	501 504	(X)	501 760	(X)	501 504
Proportion in farms ... percent	(X)	47.6	(X)	48.6	(X)	45.2	(X)	46.9
Value of land and buildings:[1]								
Average per farm ... dollars	227 845	(X)	178 213	(X)	238 028	(X)	192 568	(X)
Average per acre ... dollars	(X)	669	(X)	530	(X)	659	(X)	524
Land in farms according to use:								
Total cropland	681	160 658	704	149 278	604	155 328	622	145 353
Harvested cropland	663	118 783	690	110 811	595	116 021	616	108 646
By acres harvested:								
1 to 9 acres	32	(D)	36	(NA)	20	73	20	(NA)
10 to 19 acres	23	308	14	(NA)	14	181	9	(NA)
20 to 29 acres	21	507	22	(NA)	9	216	5	(NA)
30 to 49 acres	42	1 607	55	(NA)	22	893	32	(NA)
50 to 99 acres	99	7 217	124	(NA)	90	6 632	111	(NA)
100 to 199 acres	202	29 254	233	(NA)	197	28 566	233	(NA)
200 to 499 acres	220	64 573	188	(NA)	219	(D)	188	(NA)
500 to 999 acres	23	14 172	17	(NA)	23	14 172	17	(NA)
1,000 acres or more	1	(D)	1	(NA)	1	(D)	1	(NA)
Cropland used only for pasture	438	36 914	415	33 461	389	34 741	371	31 917
Other cropland	124	4 961	150	5 006	110	4 566	130	4 790
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	34	1 034	(NA)	(NA)	28	797	39	992
Cropland on which all crops failed	26	762	(NA)	(NA)	21	687	32	826
Cropland in cultivated summer fallow	11	509	(NA)	(NA)	11	509	10	469
Cropland idle	66	2 656	(NA)	(NA)	60	2 573	66	2 503
Total woodland	528	50 739	541	53 092	472	45 574	488	50 055
Woodland pastured	256	15 973	(NA)	(NA)	237	15 253	265	20 692
Woodland not pastured	404	34 766	(NA)	(NA)	354	30 321	366	29 363
Other land	512	27 319	584	41 147	449	25 824	521	39 569
Pastureland and rangeland, other than cropland and woodland pastured	200	17 300	(NA)	(NA)	185	16 670	260	28 283
Land in house lots, ponds, roads, wasteland, etc	465	10 019	(NA)	(NA)	403	9 154	457	11 286
Pastureland, all types	595	70 187	(NA)	(NA)	536	66 664	(NA)	80 892
Irrigated land	26	723	5	51	26	723	4	(D)
Harvested cropland irrigated	25	(D)	(NA)	(NA)	25	(D)	4	(D)
Pastureland irrigated	2	(D)	(NA)	(NA)	2	(D)	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	14	256	(X)	(X)	14	256	(X)	(X)

[1] 1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	700	53 019	724	38 587	617	52 777	639	38 433
Average per farm ... dollars	(X)	75 742	(X)	53 297	(X)	85 539	(X)	60 146
Farms by value of agricultural products sold:[1]								
$100,000 or more	223	35 540	102	(NA)	223	35 540	102	(NA)
$40,000 to $99,999	209	14 196	288	(NA)	209	14 196	288	(NA)
$20,000 to $39,999	64	1 931	119	(NA)	64	1 931	119	(NA)
$10,000 to $19,999	49	745	59	(NA)	49	745	59	(NA)
$5,000 to $9,999	26	195	47	(NA)	26	195	47	(NA)
$2,500 to $4,999	46	170	20	(NA)	46	170	20	(NA)
Less than $2,500 (see text)	78	83	87	(NA)	(X)	(X)	4	(NA)
$2,000 to $2,499	9	20	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	15	25	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	19	23	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	35	16	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	5	159	2	(NA)	(X)	(X)	(X)	(X)
Crops	180	3 868	289	3 608	149	3 837	(NA)	3 556
Grains	15	61	(NA)	(NA)	13	(D)	25	116
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	116	1 016	(NA)	(NA)	93	994	180	1 757
Vegetables, sweet corn, and melons	31	114	(NA)	(NA)	28	112	16	24
Fruits, nuts, and berries	40	2 520	(NA)	(NA)	35	2 517	32	1 547
Nursery and greenhouse products	19	155	18	117	16	153	13	110
Other crops	4	3	(NA)	(NA)	3	(D)	3	2
Livestock, poultry, and their products	614	49 151	633	34 829	559	48 940	583	34 728
Poultry and poultry products	30	(D)	32	357	21	(D)	23	356
Dairy products	487	43 308	(NA)	(NA)	484	43 227	516	30 985
Cattle and calves	571	5 035	(NA)	(NA)	532	4 978	569	3 268
Hogs and pigs	27	47	(NA)	(NA)	23	46	18	31
Sheep, lambs, and wool	26	16	(NA)	(NA)	17	11	8	10
Other livestock and livestock products (see text)	56	(D)	(NA)	(NA)	44	(D)	23	78

[1] 1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	700	724	238 716	663	236 704	118 783	26	10 743	5 367	723
Farms with—										
1 to 9 acres	23	19	58	11	40	23	4	20	10	4
10 to 49 acres	54	42	1 298	37	970	519	1	(D)	(D)	(D)
50 to 69 acres	13	29	755	10	593	287	–	–	–	–
70 to 99 acres	17	25	1 338	17	1 338	642	1	(D)	(D)	(D)
100 to 139 acres	43	35	5 135	42	5 013	2 619	2	(D)	(D)	(D)
140 to 179 acres	43	39	6 919	41	6 597	3 010	–	–	–	–
180 to 219 acres	52	54	10 468	52	10 468	5 103	1	(D)	(D)	(D)
220 to 259 acres	46	61	10 930	46	10 930	5 905	–	–	–	–
260 to 499 acres	273	287	98 855	272	98 595	52 503	10	3 541	2 244	313
500 to 999 acres	113	110	72 421	112	71 621	35 490	4	2 769	1 135	257
1,000 to 1,999 acres	22	22	(D)	22	(D)	(D)	3	3 832	1 845	105
2,000 acres or more	1	1	(D)	1	(D)	(D)	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	700	238 716	724	243 517	617	226 726	639	234 977
Harvested cropland	663	118 783	690	110 811	595	116 021	616	108 646
Tenure of operator:								
Full owners	358	93 841	406	115 443	296	84 011	344	109 443
Harvested cropland	329	44 538	(NA)	49 519	279	42 436	(NA)	48 127
Part owners	296	133 518	279	117 360	282	132 306	258	(D)
Harvested cropland	292	68 647	(NA)	56 551	280	68 219	(NA)	55 871
Tenants	46	11 357	39	10 714	39	10 409	37	(D)
Harvested cropland	42	5 598	(NA)	4 741	36	5 366	(NA)	4 648
Type of organization:								
Individual or family	594	183 045	(NA)	(NA)	520	174 226	578	200 330
Partnership	73	37 243	(NA)	(NA)	69	35 660	45	23 330
Corporation	24	15 645	(NA)	(NA)	24	15 645	15	(D)
Other—cooperative, estate or trust, institutional, etc.	9	2 783	(NA)	(NA)	4	1 195	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	565	606	543	578
Other	135	100	74	45
Operators by age group:				
Under 25 years	20	12	20	12
25 to 34 years	105	101	91	81
35 to 44 years	169	179	145	159
45 to 54 years	194	196	182	184
55 to 64 years	146	133	130	116
65 years and over	66	85	49	71
Average age	47.4	48.1	47.2	48.1

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	617	608	555	547
Not on farm operated	39	34	27	19
Not reported	44	64	35	57
Operators reporting days of work off farm:				
None	467	405	446	386
1 to 49 days	60	61	55	53
50 to 99 days	13	14	12	9
100 to 149 days	14	13	10	12
150 to 199 days	14	19	11	15
200 days or more	110	84	62	43

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	269	2 048	310	1 698	263	1 918	267	1 679
Feed for livestock and poultry	613	17 119	641	10 573	576	17 010	582	10 510
Commercially mixed formula feeds	575	12 781	611	9 640	539	12 699	574	9 603
Animal health costs	588	700	(NA)	(NA)	553	676	501	406
Seeds, bulbs, plants, and trees	525	744	548	416	511	742	516	412
Commercial fertilizer	622	1 854	521	1 452	575	1 829	491	1 448
Other agricultural chemicals including lime	509	644	371	418	484	633	351	415
Hired farm labor	525	4 017	430	2 644	487	3 909	409	2 594
Contract labor	43	200	22	47	43	200	14	38
Customwork, machine hire, and rental of machinery and equipment	226	207	237	206	211	199	221	200
Energy and petroleum products	701	2 821	(NA)	(NA)	631	2 782	(NA)	(NA)
Petroleum products	701	1 801	719	1 199	631	1 775	635	1 179
Gasoline	681	816	(NA)	(NA)	612	801	607	637
Diesel fuel	560	652	(NA)	(NA)	547	646	459	356
LP gas, butane, and propane	131	58	(NA)	(NA)	126	58	116	44
Fuel oil	138	127	(NA)	(NA)	137	(D)		
Natural gas	9	3	(NA)	(NA)	9	(D)	634	142
Kerosene, motor oil, and grease	701	145	(NA)	(NA)	631	143		
Electricity	586	1 009	(NA)	(NA)	563	997	(NA)	(NA)
Other—coal, wood, coke, etc.	17	11	(NA)	(NA)	13	9	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	602	65 784	556	64 644	492	53 013
Cropland fertilized, except pasture	602	62 053	556	60 973	(NA)	49 339
Pasture and rangeland fertilized	129	3 731	127	(D)	(NA)	3 674
Lime	317	13 392	301	13 316	174	8 595
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	140	7 599	133	7 448	(NA)	7 375
Nematodes in crops	36	2 874	36	2 874	1	(D)
Diseases in crops and orchards	71	3 342	51	3 160	23	1 316
Weeds, grass, or brush in crops and pasture	354	17 031	341	16 869	(NA)	12 891
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	30	1 887	24	1 755	8	610
Insect control on livestock and poultry	308	(X)	300	(X)	59	(X)
Sanitation and rodent and bird control	193	(X)	179	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	701	711	631	631
— $1,000	39 693	24 662	38 883	23 973
Average per farm — dollars	56 623	34 686	61 621	37 992
Farms by value group:				
$1 to $4,999	21	74	12	29
$5,000 to $9,999	76	67	35	47
$10,000 to $19,999	53	80	39	75

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	67	135	65	130
$30,000 to $49,999	163	195	161	191
$50,000 to $69,999	89	82	89	82
$70,000 to $99,999	120		120	
$100,000 to $199,999	97	78	95	77
$200,000 or more	15		15	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	596	852	372	447	330	405	627	903	531
Motortrucks including pickups	541	781	297	333	346	448	555	785	322
Wheel tractors	667	2 407	306	505	604	1 902	671	2 142	516
Grain and bean combines, self-propelled only	34	37	–	–	34	37	30	33	3
Corn heads for combines	54	62	31	31	29	31	34	38	10
Other cornpickers and picker-shellers	36	36	5	5	31	31	40	41	19
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	541	689	214	247	375	442	381	418	180
Pickup balers	511	563	154	158	375	405	533	560	172
Field forage harvesters, shear bar or flywheel type	457	563	185	194	310	369	382	453	186

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	525	349	(X)	362	(X)	487	409
Workers	2 068	(X)	714	(X)	1 354	2 013	2 303
Farms with—							
1 worker	132	149	149	139	139	105	118
2 workers	122	122	244	70	140	114	96
3 or 4 workers	160	57	189	94	309	158	98
5 to 9 workers	86	18	97	41	264	85	54
10 workers or more	25	3	35	18	502	25	43

Table 9. Livestock and Poultry—Inventory and Sales: 1978 and 1974

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	625	(X)	633	(X)	562	(X)	581	(X)
Any cattle, hogs, or sheep	588	(X)	618	(X)	534	(X)	572	(X)
Sales:								
Any livestock or poultry and their products $1,000	614	49 151	633	34 829	559	48 940	583	34 728
Any cattle, hogs, or sheep $1,000	584	5 098	616	(NA)	537	5 035	571	3 309
CATTLE AND CALVES								
Inventory:								
Cattle and calves	577	59 595	615	61 368	529	58 728	569	60 433
Cows and heifers that had calved	546	34 890	577	34 904	509	34 554	548	34 478
Beef cows	91	631	87	1 489	59	369	62	1 092
Milk cows	496	34 259	535	33 415	489	34 185	523	33 386
Heifers and heifer calves	536	22 833	(NA)	(NA)	499	22 517	498	22 442
Steers, steer calves, bulls and bull calves	344	1 872	(NA)	(NA)	309	1 657	319	3 513
Sales:								
Cattle and calves	571	28 521	612	25 739	532	28 282	569	25 533
$1,000	(X)	5 035	(X)	(NA)	(X)	4 978	(X)	3 268
Calves	507	19 839	(NA)	(NA)	490	19 720	519	17 615
$1,000	(X)	1 280	(X)	(NA)	(X)	1 271	(X)	611
Cattle	514	8 682	(NA)	(NA)	482	8 562	518	7 918
$1,000	(X)	3 755	(X)	(NA)	(X)	3 708	(X)	2 658
Fattened cattle	28	350	(NA)	(NA)	18	327	14	318
$1,000	(X)	157	(X)	(NA)	(X)	148	(X)	95
Dairy products $1,000	487	43 308	(NA)	(NA)	484	43 227	516	30 985
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	71	513	69	630	63	460	57	593
Used or to be used for breeding	21	62	(NA)	(NA)	18	57	15	99
Other hogs and pigs	67	451	(NA)	(NA)	59	403	54	494
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	22	82	17	125	19	77	15	(D)
Dec. 1 of preceding year and May 31	19	49	11	62	17	(D)	9	(D)
June 1 and Nov. 30	14	33	14	63	12	(D)	14	63
Sheep and lambs	37	755	22	327	24	424	14	227
Ewes 1 year old or older	32	454	(NA)	(NA)	20	225	10	174
Goats	14	213	(NA)	(NA)	8	163	4	37
Horses and ponies	152	734	126	578	125	476	100	397
Sales:								
Hogs and pigs	27	883	22	764	23	846	18	716
$1,000	(X)	47	(X)	(NA)	(X)	46	(X)	31
Feeder pigs	9	255	5	147	8	(D)	5	147
$1,000	(X)	7	(X)	(NA)	(X)	(D)	(X)	2
Sheep and lambs	22	366	10	195	13	242	7	150
Sheep and lambs shorn	23	486	(NA)	(NA)	15	279	7	177
Pounds of wool	(X)	3 235	(X)	(NA)	(X)	1 594	(X)	1 053
Sheep, lambs, and wool $1,000	26	16	(NA)	(NA)	17	11	8	10
Goats	6	138	(NA)	(NA)	2	(D)	2	(D)
$1,000	(X)	6	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	31	108	20	83	24	70	14	59
$1,000	(X)	136	(X)	(NA)	(X)	72	(X)	29
POULTRY								
Inventory:								
Any poultry	104	(X)	95	(X)	80	(X)	74	(X)
Chickens 3 months old or older	82	31 213	87	36 356	62	(D)	66	35 546
Hens and pullets of laying age	82	(D)	81	30 058	62	(D)	60	29 334
Pullets 3 months old or older	6	(D)	(NA)	(NA)	4	(D)	3	6 015
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	7	160	9	282	4	113	7	(D)
Turkeys	16	139	(NA)	(NA)	11	106	8	36
Turkeys for slaughter	15	(D)	(NA)	(NA)	11	106	8	36
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	–	–	–	–
Other poultry	44	(X)	(NA)	(X)	32	(X)	14	(X)
Sales:								
Any poultry	25	(X)	13	(X)	19	(X)	13	(X)
Chickens 3 months old or older	11	19 750	11	(D)	10	(D)	11	(D)
Hens and pullets of laying age	10	(D)	11	(D)	9	(D)	11	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	2	(D)	1	(D)	1	(D)	1	(D)
Turkeys	5	(D)	(NA)	(NA)	3	(D)	2	(D)
Turkeys for slaughter	5	(D)	(NA)	(NA)	3	(D)	2	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	7	(X)	(NA)	(X)	4	(X)	–	(X)
Poultry and poultry products $1,000	30	(D)	32	357	21	(D)	23	356

Table 10. **Crops: 1978 and 1974**

		All farms					Forms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Forms	Acres	Quantity	Forms	Acres	Forms	Acres	Quantity	Forms	Acres
Corn for all purposes	1978	420	25 130	(X)	9	245	410	24 943	(X)	9	245
	1974	431	23 419	(X)	(NA)	(NA)	429	(D)	(X)	–	–
For grain or seed (bushels)	1978	29	1 208	96 905	1	(D)	28	(D)	(D)	1	(D)
	1974	45	1 970	134 981	(NA)	(NA)	45	(D)	134 981	–	–
For silage or green chop (tons, green)	1978	407	23 922	300 624	8	238	398	(D)	298 635	8	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	419	21 333	264 983	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	102	(X)	–	–
Sorghums for all purposes	1978	31	608	(X)	2	(D)	31	608	(X)	2	(D)
	1974	13	229	(X)	(NA)	(NA)	13	229	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	31	608	6 131	2	(D)	31	608	6 131	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	203	2 332	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Wheat for grain (bushels)	1978	10	235	6 365	–	–	9	(D)	(D)	–	–
	1974	12	128	5 048	(NA)	(NA)	10	(D)	(D)	–	–
Oats for grain (bushels)	1978	35	923	44 015	–	–	31	889	42 405	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	42	936	40 017	–	–
Barley for grain (bushels)	1978	7	302	9 817	–	–	6	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	358	15 210	–	–
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	79	(X)	–	–
Soybeans for beans (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	7	107	3 260	(NA)	(NA)	7	107	3 260	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	6	4	1 227	–	–	5	(D)	(D)	–	–
	1974	8	6	542	(NA)	(NA)	5	3	242	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	616	96 894	164 447	5	202	556	94 412	161 556	5	202
	1974	631	91 422	165 808	(NA)	(NA)	567	89 298	163 125	1	(D)
Alfalfa hay (tons, dry)	1978	358	24 779	53 092	1	(D)	338	24 198	52 31[illegible]	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	348	25 940	60 183	–	–
Other tame dry hay (tons, dry) (see text)	1978	384	33 252	58 480	1	(D)	346	31 924	57 052	1	(D)
Field seed crops	1978	3	112	(X)	–	–	3	112	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	19	406	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	58	2 232	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	26	1 780	–	–
All vegetables harvested for sale (see text)	1978	31	121	(X)	7	34	28	117	(X)	7	34
	1974	22	75	(X)	(NA)	(NA)	19	67	(X)	2	(D)
Sweet corn	1978	24	60	(X)	3	(D)	22	(D)	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	15	43	(X)	–	–
Tomatoes	1978	10	9	(X)	4	(D)	9	(D)	(X)	4	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	6	(X)	–	–
Green peas excluding cowpeas	1978	4	(D)	(X)	1	(D)	2	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	3	(X)	2	–
Land in orchards	1978	30	1 906	(X)	3	(D)	26	1 892	(X)	3	(D)
	1974	32	2 242	(X)	(NA)	(NA)	30	(D)	(X)	–	–
Apples (pounds)	1978	30	1 904	22 324 790	(NA)	(NA)	26	1 890	22 303 790	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2 235	21 922 556	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	14	13	(X)	4	3	10	12	(X)	4	3
	1974	5	4	(X)	(NA)	(NA)	5	4	(X)	2	(D)
Strawberries (pounds)	1978	12	13	53 546	4	3	9	12	50 686	4	3
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	3	11 695	2	–
Nursery and greenhouse products	1978	19	19	(X)	4	1	16	18	(X)	4	1
Other crops	1978	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	175	43 969	196	46 528	107	30 031	121	35 593
Average size of farm	(X)	251	(X)	237	(X)	281	(X)	294
Approximate land area	(X)	430 080	(X)	430 208	(X)	430 080	(X)	430 208
Proportion in farms ... percent	(X)	10.2	(X)	10.8	(X)	7.0	(X)	8.3
Value of land and buildings:[1]								
Average per farm ... dollars	197 230	(X)	131 612	(X)	230 636	(X)	162 413	(X)
Average per acre ... dollars	(X)	782	(X)	554	(X)	826	(X)	552
Land in farms according to use:								
Total cropland	171	16 376	189	18 906	107	13 282	117	16 037
Harvested cropland	161	10 700	176	11 853	104	9 048	116	10 660
By acres harvested:								
1 to 9 acres	21	85	20	(NA)	9	38	4	(NA)
10 to 19 acres	13	173	20	(NA)	4	48	6	(NA)
20 to 29 acres	15	327	20	(NA)	6	137	3	(NA)
30 to 49 acres	28	1 012	32	(NA)	13	514	22	(NA)
50 to 99 acres	49	3 249	35	(NA)	39	2 727	32	(NA)
100 to 199 acres	27	3 778	35	(NA)	25	(D)	35	(NA)
200 to 499 acres	8	2 076	14	(NA)	8	2 076	14	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	105	5 016	112	6 000	69	4 091	68	4 578
Other cropland	35	660	45	1 053	18	143	26	799
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	11	296	(NA)	(NA)	6	30	6	351
Cropland on which all crops failed	–	–	(NA)	(NA)	–	–	4	47
Cropland in cultivated summer fallow	7	75	(NA)	(NA)	4	20	3	131
Cropland idle	21	289	(NA)	(NA)	9	93	17	270
Total woodland	136	22 011	146	20 218	88	12 881	96	13 497
Woodland pastured	53	3 506	(NA)	(NA)	36	2 335	49	3 504
Woodland not pastured	124	18 505	(NA)	(NA)	81	10 546	83	9 993
Other land	116	5 582	138	7 404	74	3 868	90	6 059
Pastureland and rangeland, other than cropland and woodland pastured	44	3 388	(NA)	(NA)	32	2 716	46	3 990
Land in house lots, ponds, roads, wasteland, etc	107	2 194	(NA)	(NA)	69	1 152	82	2 069
Pastureland, all types	137	11 910	(NA)	(NA)	89	9 142	(NA)	12 072
Irrigated land	6	32	2	(D)	5	(D)	2	(D)
Harvested cropland irrigated	6	(D)	(NA)	(NA)	5	(D)	2	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	3	(D)	(X)	(X)	3	(D)	(X)	(X)

[1] 1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	175	5 097	196	4 462	107	5 015	121	4 373
Average per farm ... dollars	(X)	29 124	(X)	22 765	(X)	46 866	(X)	36 140
Farms by value of agricultural products sold:[1]								
$100,000 or more	15	2 146	3	(NA)	15	2 146	3	(NA)
$40,000 to $99,999	32	2 100	36	(NA)	32	2 100	36	(NA)
$20,000 to $39,999	15	445	29	(NA)	15	445	29	(NA)
$10,000 to $19,999	11	150	14	(NA)	11	150	14	(NA)
$5,000 to $9,999	16	112	19	(NA)	16	112	19	(NA)
$2,500 to $4,999	18	61	17	(NA)	18	61	17	(NA)
Less than $2,500 (see text)	68	82	77	(NA)	(X)	(X)	3	(NA)
$2,000 to $2,499	13	28	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	13	22	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	17	21	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	25	11	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	1	(NA)	(X)	(X)	(X)	(X)
Crops	70	758	115	1 083	41	722	(NA)	1 028
Grains	3	(D)	(NA)	(NA)	3	(D)	2	(D)
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	51	248	(NA)	(NA)	30	221	54	345
Vegetables, sweet corn, and melons	13	49	(NA)	(NA)	8	45	10	27
Fruits, nuts, and berries	6	333	(NA)	(NA)	5	(D)	7	576
Nursery and greenhouse products	9	117	11	67	5	112	4	56
Other crops	4	(D)	(NA)	(NA)	3	(D)	2	(D)
Livestock, poultry, and their products	132	4 338	141	3 319	88	4 292	100	3 288
Poultry and poultry products	12	7	16	16	4	(D)	7	14
Dairy products	60	3 618	(NA)	(NA)	58	(D)	65	2 742
Cattle and calves	116	664	(NA)	(NA)	83	630	92	490
Hogs and pigs	7	6	(NA)	(NA)	3	(D)	5	(D)
Sheep, lambs, and wool	10	13	(NA)	(NA)	5	(D)	2	(D)
Other livestock and livestock products (see text)	17	30	(NA)	(NA)	11	26	15	32

[1] 1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	175	196	43 969	161	41 287	10 700	6	677	251	32
Farms with—										
1 to 9 acres	9	11	18	8	14	10	1	(D)	(D)	(D)
10 to 49 acres	24	29	648	17	482	235	2	(D)	(D)	(D)
50 to 69 acres	8	10	424	8	424	241	1	(D)	(D)	(D)
70 to 99 acres	8	11	681	8	681	263	–	–	–	–
100 to 139 acres	18	15	2 109	17	1 989	744	1	(D)	(D)	(D)
140 to 179 acres	12	21	1 967	11	1 817	583	–	–	–	–
180 to 219 acres	22	24	4 370	22	4 370	1 223	–	–	–	–
220 to 259 acres	14	17	3 297	13	3 051	1 028	–	–	–	–
260 to 499 acres	43	36	15 437	42	14 957	3 854	1	(D)	(D)	(D)
500 to 999 acres	14	17	9 336	12	7 820	2 249	–	–	–	–
1,000 to 1,999 acres	2	4	(D)	2	(D)	(D)	–	–	–	–
2,000 acres or more	1	1	(D)	1	(D)	(D)	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	175	43 969	196	46 528	107	30 031	121	35 593
Harvested cropland	161	10 700	176	11 853	104	9 048	116	10 660
Tenure of operator:								
Full owners	91	20 980	119	21 069	43	8 975	55	11 257
Harvested cropland	81	3 158	(NA)	3 977	41	2 248	(NA)	3 065
Part owners	77	20 794	58	19 620	57	18 861	52	18 689
Harvested cropland	73	6 998	(NA)	6 009	56	6 256	(NA)	5 824
Tenants	7	2 195	19	5 839	7	2 195	14	5 647
Harvested cropland	7	544	(NA)	1 867	7	544	(NA)	1 771
Type of organization:								
Individual or family	157	33 481	(NA)	(NA)	91	22 803	107	30 432
Partnership	11	5 743	(NA)	(NA)	10	(D)	9	2 941
Corporation	6	(D)	(NA)	(NA)	6	2 045	4	(D)
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(NA)	(NA)	–	–	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	103	106	86	90
Other	72	84	21	26
Operators by age group:				
Under 25 years	1	2	1	2
25 to 34 years	21	20	11	13
35 to 44 years	36	46	23	22
45 to 54 years	48	47	39	34
55 to 64 years	39	38	19	22
65 years and over	30	37	14	23
Average age	51.6	51.1	49.8	51.1

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	144	148	94	94
Not on farm operated	17	18	6	11
Not reported	14	24	7	11
Operators reporting days of work off farm:				
None	81	80	67	67
1 to 49 days	21	12	12	8
50 to 99 days	5	5	4	3
100 to 149 days	1	4	–	1
150 to 199 days	10	14	6	5
200 days or more	50	57	15	17

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	65	129	75	100	43	122	39	91
Feed for livestock and poultry	137	1 332	154	1 130	95	1 300	96	1 106
Commercially mixed formula feeds	90	989	132	1 040	77	979	95	1 026
Animal health costs	113	63	(NA)	(NA)	87	61	71	48
Seeds, bulbs, plants, and trees	91	98	116	61	73	94	83	57
Commercial fertilizer	120	201	120	168	89	192	85	162
Other agricultural chemicals including lime	104	66	75	43	79	60	59	41
Hired farm labor	100	404	100	494	70	356	75	485
Contract labor	5	17	6	15	5	17	4	(D)
Customwork, machine hire, and rental of machinery and equipment	38	20	68	33	31	17	50	31
Energy and petroleum products	175	327	(NA)	(NA)	107	304	(NA)	(NA)
Petroleum products	175	205	196	190	107	189	121	176
Gasoline	168	120	(NA)	(NA)	103	109	120	122
Diesel fuel	72	51	(NA)	(NA)	62	48	44	23
LP gas, butane, and propane	15	6	(NA)	(NA)	11	(D)	14	2
Fuel oil	14	(D)	(NA)	(NA)	10	10		
Natural gas	1	(D)	(NA)	(NA)	1	(D)	121	29
Kerosene, motor oil, and grease	175	18	(NA)	(NA)	107	16		
Electricity	118	114	(NA)	(NA)	84	109	(NA)	(NA)
Other—coal, wood, coke, etc.	7	9	(NA)	(NA)	2	(D)	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	118	7 630	87	7 214	85	6 482
Cropland fertilized, except pasture	114	6 625	85	6 253	(NA)	5 845
Pasture and rangeland fertilized	37	1 005	34	961	(NA)	637
Lime	72	1 488	56	1 178	33	684
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	27	740	21	714	(NA)	537
Nematodes in crops	1	(D)	1	(D)	–	–
Diseases in crops and orchards	9	347	9	347	3	342
Weeds, grass, or brush in crops and pasture	70	2 040	58	1 946	(NA)	1 312
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	1	(D)	1	(D)	1	(D)
Insect control on livestock and poultry	53	(X)	43	(X)	15	(X)
Sanitation and rodent and bird control	31	(X)	23	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All forms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	175	196	107	121
$1,000	4 859	3 533	4 113	2 866
Average per farm — dollars	27 765	18 026	38 441	23 686
Farms by value group:				
$1 to $4,999	19	34	11	8
$5,000 to $9,999	40	43	4	21
$10,000 to $19,999	38	52	23	30

	All forms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	22	30	16	28
$30,000 to $49,999	20	18	19	17
$50,000 to $69,999	23	17	21	15
$70,000 to $99,999	6		6	
$100,000 to $199,999	6	2	6	2
$200,000 or more	1		1	

	1978						1974		
	All forms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	92	146	60	80	51	66	150	211	131
Motortrucks including pickups	141	191	72	76	92	115	151	195	73
Wheel tractors	156	398	36	45	147	353	172	375	68
Grain and bean combines, self-propelled only	10	10	1	(D)	9	(D)	–	–	–
Corn heads for combines	5	6	2	(D)	3	(D)	4	4	1
Other cornpickers and picker-shellers	15	17	10	10	5	7	15	15	5
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	100	105	35	35	66	70	79	81	36
Pickup balers	108	110	28	28	81	82	110	116	30
Field forage harvesters, shear bar or flywheel type	60	63	28	28	34	35	62	64	23

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Forms	Workers	Forms	Workers	1978	1974
Forms	100	52	(X)	86	(X)	70	75
Workers	334	(X)	83	(X)	251	273	463
Forms with—							
1 worker	31	33	33	32	32	20	22
2 workers	13	12	24	16	32	4	14
3 or 4 workers	31	6	(D)	18	63	21	16
5 to 9 workers	24	1	(D)	19	(D)	24	14
10 workers or more	1	–	–	1	(D)	1	9

Table 9. **Livestock and Poultry—Inventory and Sales: 1978 and 1974**

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	146	(X)	151	(X)	93	(X)	103	(X)
Any cattle, hogs, or sheep	134	(X)	133	(X)	87	(X)	93	(X)
Sales:								
Any livestock or poultry and their products $1,000	132	4 338	141	3 319	88	4 292	100	3 288
Any cattle, hogs, or sheep $1,000	122	684	122	(NA)	85	645	94	501
CATTLE AND CALVES								
Inventory:								
Cattle and calves	127	6 279	128	6 929	84	5 780	92	6 472
Cows and heifers that had calved	116	3 437	122	3 800	80	3 219	88	3 595
Beef cows	57	475	58	635	30	294	33	475
Milk cows	73	2 962	89	3 165	60	2 925	71	3 120
Heifers and heifer calves	109	2 373	(NA)	(NA)	76	2 199	77	2 320
Steers, steer calves, bulls and bull calves	76	469	(NA)	(NA)	48	362	55	557
Sales:								
Cattle and calves	116	2 954	117	3 036	83	2 830	92	2 940
$1,000	(X)	664	(X)	(NA)	(X)	630	(X)	490
Calves	84	1 666	(NA)	(NA)	65	1 612	69	1 620
$1,000	(X)	122	(X)	(NA)	(X)	114	(X)	75
Cattle	105	1 288	(NA)	(NA)	78	1 218	85	1 320
$1,000	(X)	543	(X)	(NA)	(X)	515	(X)	415
Fattened cattle	16	78	(NA)	(NA)	11	65	8	94
$1,000	(X)	30	(X)	(NA)	(X)	25	(X)	36
Dairy products $1,000	60	3 618	(NA)	(NA)	58	(D)	65	2 742
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	22	62	21	150	9	27	12	58
Used or to be used for breeding	2	(D)	(NA)	(NA)	–	–	2	(D)
Other hogs and pigs	22	(D)	(NA)	(NA)	9	27	12	55
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	2	(D)	7	16	–	–	3	5
Dec. 1 of preceding year and May 31	2	(D)	4	7	–	–	1	(D)
June 1 and Nov. 30	2	(D)	5	9	–	–	2	(D)
Sheep and lambs	13	383	10	510	8	356	3	334
Ewes 1 year old or older	9	237	(NA)	(NA)	6	224	3	287
Goats	5	35	(NA)	(NA)	3	(D)	3	9
Horses and ponies	60	381	63	474	37	275	37	334
Sales:								
Hogs and pigs	7	87	9	89	3	23	5	50
$1,000	(X)	6	(X)	(NA)	(X)	(D)	(X)	(D)
Feeder pigs	2	(D)	4	49	–	–	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	(D)
Sheep and lambs	9	245	6	357	5	225	2	(D)
Sheep and lambs shorn	9	194	(NA)	(NA)	5	178	2	(D)
Pounds of wool	(X)	1 736	(X)	(NA)	(X)	1 590	(X)	(D)
Sheep, lambs, and wool $1,000	10	13	(NA)	(NA)	5	(D)	2	(D)
Goats	2	(D)	(NA)	(NA)	1	(D)	2	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	12	35	17	62	8	27	13	40
$1,000	(X)	29	(X)	(NA)	(X)	25	(X)	32
POULTRY								
Inventory:								
Any poultry	28	(X)	28	(X)	15	(X)	16	(X)
Chickens 3 months old or older	24	1 063	27	2 647	12	710	15	2 158
Hens and pullets of laying age	24	(D)	27	2 593	12	(D)	15	(D)
Pullets 3 months old or older	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	3	40
Broilers and other meat-type chickens	5	108	2	(D)	5	108	–	–
Turkeys	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	7	(X)	(NA)	(X)	4	(X)	3	(X)
Sales:								
Any poultry	6	(X)	8	(X)	3	(X)	4	(X)
Chickens 3 months old or older	4	256	7	864	2	(D)	3	804
Hens and pullets of laying age	4	(D)	7	862	2	(D)	3	804
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	1	(D)	–	–	1	(D)	–	–
Turkeys	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products $1,000	12	7	16	16	4	(D)	7	14

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	61	2 220	(X)	–	–	57	2 185	(X)	–	–
	1974	72	2 346	(X)	(NA)	(NA)	66	2 332	(X)	–	–
For grain or seed (bushels)	1978	14	366	28 699	–	–	14	366	28 699	–	–
	1974	19	334	29 946	(NA)	(NA)	14	321	28 916	–	–
For silage or green chop (tons, green)	1978	55	1 854	30 025	–	–	51	1 819	29 591	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	59	2 011	31 117	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	3	9	(X)	(NA)	(NA)	3	9	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	9	136	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	–	–	–	–	–
Oats for grain (bushels)	1978	5	72	3 850	–	–	5	72	3 850	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	74	3 410	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	6	12	(D)	1	(D)	4	(D)	(D)	1	(D)
	1974	4	21	4 564	(NA)	(NA)	2	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	143	8 428	17 123	–	–	94	6 814	15 335	–	–
	1974	152	9 091	18 867	(NA)	(NA)	105	7 973	17 384	–	–
Alfalfa hay (tons, dry)	1978	85	3 146	8 511	–	–	66	2 880	8 122	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	64	3 384	8 167	–	–
Other tame dry hay (tons, dry) (see text)	1978	75	3 359	5 986	–	–	51	2 489	5 008	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	13	68	(X)	3	5	8	62	(X)	2	(D)
	1974	15	68	(X)	(NA)	(NA)	11	65	(X)	–	–
Sweet corn	1978	10	53	(X)	1	(D)	7	49	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	11	38	(X)	–	–
Tomatoes	1978	2	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	2	(X)	–	–
Green peas excluding cowpeas	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	6	360	(X)	–	–	4	(D)	(X)	–	–
	1974	13	524	(X)	(NA)	(NA)	7	506	(X)	–	–
Apples (pounds)	1978	6	(D)	(D)	(NA)	(NA)	4	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	505	5 168 500	(NA)	(NA)
Peaches (pounds)	1978	1	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	1	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	3	9	(X)	1	(D)	3	9	(X)	1	(D)
	1974	4	2	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Strawberries (pounds)	1978	3	6	(D)	1	(D)	3	6	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	–	–	1	–
Nursery and greenhouse products	1978	9	27	(X)	3	15	5	27	(X)	3	15
Other crops	1978	–	–	(X)	(NA)	(NA)	–	–	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	454	122 737	435	123 789	329	105 161	322	109 465
Average size of farm	(X)	270	(X)	285	(X)	320	(X)	340
Approximate land area	(X)	391 680	(X)	391 936	(X)	391 680	(X)	391 936
Proportion in farms ... percent	(X)	31.3	(X)	31.6	(X)	26.8	(X)	27.9
Value of land and buildings:[1]								
Average per farm ... dollars	145 402	(X)	108 821	(X)	175 315	(X)	130 363	(X)
Average per acre ... dollars	(X)	526	(X)	382	(X)	533	(X)	383
Land in farms according to use:								
Total cropland	437	53 026	426	50 536	319	47 725	315	45 549
Harvested cropland	418	35 100	399	32 781	310	32 414	305	30 519
By acres harvested:								
1 to 9 acres	23	92	21	(NA)	10	40	9	(NA)
10 to 19 acres	40	515	34	(NA)	10	131	8	(NA)
20 to 29 acres	33	755	36	(NA)	13	308	10	(NA)
30 to 49 acres	86	3 128	71	(NA)	50	1 882	48	(NA)
50 to 99 acres	108	7 558	116	(NA)	100	7 119	109	(NA)
100 to 199 acres	92	12 463	88	(NA)	91	(D)	88	(NA)
200 to 499 acres	33	8 929	33	(NA)	33	8 929	33	(NA)
500 to 999 acres	3	1 660	–	(NA)	3	1 660	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	317	16 216	318	15 275	250	14 631	248	13 331
Other cropland	58	1 710	61	2 480	39	680	43	1 699
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	18	229	(NA)	(NA)	12	198	15	234
Cropland on which all crops failed	3	(D)	(NA)	(NA)	3	(D)	7	143
Cropland in cultivated summer fallow	5	(D)	(NA)	(NA)	4	(D)	4	197
Cropland idle	40	1 392	(NA)	(NA)	25	395	21	1 125
Total woodland	399	59 387	376	58 890	295	49 660	283	50 943
Woodland pastured	157	12 134	(NA)	(NA)	127	11 088	131	7 930
Woodland not pastured	347	47 253	(NA)	(NA)	256	38 572	236	43 013
Other land	278	10 324	291	14 363	203	7 776	224	12 973
Pastureland and rangeland, other than cropland and woodland pastured	93	5 739	(NA)	(NA)	63	3 950	108	8 608
Land in house lots, ponds, roads, wasteland, etc	246	4 585	(NA)	(NA)	184	3 826	192	4 365
Pastureland, all types	383	34 089	(NA)	(NA)	290	29 669	(NA)	29 869
Irrigated land	1	(D)	6	42	–	–	3	25
Harvested cropland irrigated	1	(D)	(NA)	(NA)	–	–	3	25
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	5	124	(X)	(X)	3	(D)	(X)	(X)

[1]1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	454	17 426	435	16 889	329	17 301	322	16 754
Average per farm ... dollars	(X)	38 383	(X)	38 825	(X)	52 587	(X)	52 031
Farms by value of agricultural products sold:[1]								
$100,000 or more	30	7 576	16	(NA)	30	7 576	16	(NA)
$40,000 to $99,999	105	6 650	92	(NA)	105	6 650	92	(NA)
$20,000 to $39,999	67	2 055	103	(NA)	67	2 055	103	(NA)
$10,000 to $19,999	38	584	38	(NA)	38	584	38	(NA)
$5,000 to $9,999	38	251	37	(NA)	38	251	37	(NA)
$2,500 to $4,999	51	186	30	(NA)	51	186	30	(NA)
Less than $2,500 (see text)	125	125	119	(NA)	(X)	(X)	6	(NA)
$2,000 to $2,499	17	37	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	22	37	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	28	34	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	58	17	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	151	936	152	1 068	102	881	(NA)	1 008
Grains	3	(D)	(NA)	(NA)	3	(D)	5	29
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	128	523	(NA)	(NA)	87	477	83	535
Vegetables, sweet corn, and melons	17	46	(NA)	(NA)	11	43	11	18
Fruits, nuts, and berries	6	34	(NA)	(NA)	3	33	4	(D)
Nursery and greenhouse products	6	220	8	122	4	(D)	7	(D)
Other crops	5	(D)	(NA)	(NA)	5	(D)	8	282
Livestock, poultry, and their products	359	16 490	360	15 507	290	16 420	286	15 439
Poultry and poultry products	30	(D)	27	5 123	18	(D)	15	5 122
Dairy products	220	11 756	(NA)	(NA)	217	11 756	236	9 204
Cattle and calves	319	1 600	(NA)	(NA)	274	1 554	277	1 065
Hogs and pigs	24	18	(NA)	(NA)	13	13	14	7
Sheep, lambs, and wool	30	24	(NA)	(NA)	17	20	14	8
Other livestock and livestock products (see text)	26	(D)	(NA)	(NA)	12	(D)	10	33

[1]1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	454	435	122 737	418	120 183	35 100	1	(D)	(D)	(D)
Farms with—										
1 to 9 acres	7	11	17	2	(D)	(D)	–	–	–	–
10 to 49 acres	48	21	1 344	31	914	356	–	–	–	–
50 to 69 acres	23	14	1 372	21	1 251	532	–	–	–	–
70 to 99 acres	24	23	1 983	21	1 753	586	–	–	–	–
100 to 139 acres	49	65	5 743	44	5 182	1 827	–	–	–	–
140 to 179 acres	40	50	6 209	40	6 209	1 832	1	(D)	(D)	(D)
180 to 219 acres	44	37	8 737	43	8 540	2 314	–	–	–	–
220 to 259 acres	33	25	7 910	33	7 910	2 696	–	–	–	–
260 to 499 acres	127	129	45 567	124	44 562	13 868	–	–	–	–
500 to 999 acres	48	50	30 574	48	30 574	7 536	–	–	–	–
1,000 to 1,999 acres	11	8	13 281	11	13 281	3 548	–	–	–	–
2,000 acres or more	–	2	–	–	–	–	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Forms	Acres	Forms	Acres	Forms	Acres	Forms	Acres
Land in farms	454	122 737	435	123 789	329	105 161	322	109 465
Harvested cropland	418	35 100	399	32 781	310	32 414	305	30 519
Tenure of operator:								
Full owners	235	47 297	247	58 483	126	(D)	155	45 734
Harvested cropland	204	9 071	(NA)	12 164	110	(D)	(NA)	10 268
Part owners	193	68 578	165	59 943	179	66 561	147	58 548
Harvested cropland	189	23 982	(NA)	18 928	176	23 487	(NA)	18 578
Tenants	26	6 862	23	5 363	24	(D)	20	5 183
Harvested cropland	25	2 047	(NA)	1 689	24	(D)	(NA)	1 673
Type of organization:								
Individual or family	410	104 913	(NA)	(NA)	292	89 549	291	91 787
Partnership	34	11 824	(NA)	(NA)	29	10 438	23	11 758
Corporation	8	(D)	(NA)	(NA)	6	(D)	6	(D)
Other—cooperative, estate or trust, institutional, etc.	2	(D)	(NA)	(NA)	2	(D)	2	(D)

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	284	302	260	264
Other	170	125	69	50
Operators by age group:				
Under 25 years	14	12	10	9
25 to 34 years	63	42	43	38
35 to 44 years	97	85	70	68
45 to 54 years	115	116	85	90
55 to 64 years	93	95	74	67
65 years and over	72	77	47	42
Average age	49.2	50.8	49.3	49.1

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	392	360	285	269
Not on farm operated	31	28	21	18
Not reported	31	39	23	27
Operators reporting days of work off farm:				
None	210	201	188	168
1 to 49 days	41	28	31	20
50 to 99 days	15	14	13	8
100 to 149 days	11	3	5	3
150 to 199 days	17	13	9	9
200 days or more	140	100	65	45

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)
Livestock and poultry purchased	187	975	197	1 042	142	959	137	1 026
Feed for livestock and poultry	363	5 773	379	6 145	266	5 717	287	6 089
Commercially mixed formula feeds	251	4 948	336	5 824	217	4 932	277	5 790
Animal health costs	323	209	(NA)	(NA)	249	195	217	117
Seeds, bulbs, plants, and trees	197	102	219	109	171	98	179	108
Commercial fertilizer	305	546	272	512	256	539	226	503
Other agricultural chemicals including lime	251	140	160	81	201	127	142	80
Hired farm labor	239	1 291	223	1 006	206	1 260	196	997
Contract labor	18	28	15	27	13	18	11	20
Customwork, machine hire, and rental of machinery and equipment	116	84	139	78	95	70	126	76
Energy and petroleum products	454	849	(NA)	(NA)	314	808	(NA)	(NA)
Petroleum products	442	555	429	527	302	525	321	506
Gasoline	430	327	(NA)	(NA)	300	310	316	338
Diesel fuel	224	136	(NA)	(NA)	195	133	143	76
LP gas, butane, and propane	28	(D)	(NA)	(NA)	17	(D)	41	45
Fuel oil	51	30	(NA)	(NA)	36	29		
Natural gas	2	(D)	(NA)	(NA)	2	(D)	321	48
Kerosene, motor oil, and grease	442	48	(NA)	(NA)	302	44		
Electricity	348	276	(NA)	(NA)	269	268	(NA)	(NA)
Other—coal, wood, coke, etc.	58	18	(NA)	(NA)	51	14	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	289	23 599	245	23 250	226	18 522
Cropland fertilized, except pasture	277	19 265	239	18 986	(NA)	14 570
Pasture and rangeland fertilized	140	4 334	129	4 264	(NA)	3 952
Lime	187	6 409	165	6 061	86	2 264
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	22	1 022	15	942	(NA)	2 022
Nematodes in crops	2	(D)	2	(D)	–	–
Diseases in crops and orchards	13	274	8	239	2	(D)
Weeds, grass, or brush in crops and pasture	155	4 754	138	4 660	(NA)	2 519
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	12	418	12	418	–	–
Insect control on livestock and poultry	129	(X)	110	(X)	26	(X)
Sanitation and rodent and bird control	41	(X)	33	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	454	421	314	316
$1,000	13 763	8 981	12 186	8 024
Average per farm — dollars	30 314	21 333	38 807	25 392
Farms by value group:				
$1 to $4,999	55	49	36	18
$5,000 to $9,999	75	81	25	40
$10,000 to $19,999	111	96	63	75
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	77	82	56	71
$30,000 to $49,999	33	84	32	83
$50,000 to $69,999	41	18	41	18
$70,000 to $99,999	32	11	31	11
$100,000 to $199,999	27		27	
$200,000 or more	3		3	

	1978						1974		
	All forms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	320	424	206	252	138	172	352	465	271
Motortrucks including pickups	358	554	202	223	211	331	307	460	160
Wheel tractors	393	946	148	200	347	746	382	929	196
Grain and bean combines, self-propelled only	1	(D)	–	–	1	(D)	6	7	1
Corn heads for combines	22	27	4	4	18	23	17	19	8
Other cornpickers and picker-shellers	2	(D)	–	–	2	(D)	12	12	4
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	223	236	97	98	130	138	181	190	116
Pickup balers	256	265	71	71	187	194	268	288	82
Field forage harvesters, shear bar or flywheel type	100	109	40	41	63	68	112	126	57

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	239	127	(X)	166	(X)	206	196
Workers	630	(X)	231	(X)	399	572	861
Farms with—							
1 worker	115	80	80	91	91	87	51
2 workers	33	21	42	21	42	33	42
3 or 4 workers	50	21	65	19	58	50	41
5 to 9 workers	36	4	(D)	32	178	31	46
10 workers or more	5	1	(D)	3	30	5	16

Table 9. Livestock and Poultry—Inventory and Sales: 1978 and 1974

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	388	(X)	368	(X)	292	(X)	288	(X)
Any cattle, hogs, or sheep	364	(X)	354	(X)	283	(X)	281	(X)
Sales:								
Any livestock or poultry and their products $1,000	359	16 490	360	15 507	290	16 420	286	15 439
Any cattle, hogs, or sheep $1,000	336	1 641	346	(NA)	283	1 587	281	1 080
CATTLE AND CALVES								
Inventory:								
Cattle and calves	346	19 440	345	20 867	274	18 813	278	19 961
Cows and heifers that had calved	301	11 123	315	12 337	251	10 917	268	11 999
Beef cows	91	580	86	778	50	407	54	523
Milk cows	244	10 543	273	11 559	227	10 510	246	11 476
Heifers and heifer calves	312	7 417	(NA)	(NA)	260	7 160	252	6 946
Steers, steer calves, bulls and bull calves	199	900	(NA)	(NA)	154	736	174	1 016
Sales:								
Cattle and calves	319	8 688	338	8 200	274	8 432	277	7 875
$1,000	(X)	1 600	(X)	(NA)	(X)	1 554	(X)	1 065
Calves	254	5 695	(NA)	(NA)	231	5 555	232	5 011
$1,000	(X)	350	(X)	(NA)	(X)	339	(X)	162
Cattle	271	2 993	(NA)	(NA)	234	2 877	249	2 864
$1,000	(X)	1 250	(X)	(NA)	(X)	1 215	(X)	903
Fattened cattle	39	206	(NA)	(NA)	28	181	20	245
$1,000	(X)	80	(X)	(NA)	(X)	70	(X)	89
Dairy products $1,000	220	11 756	(NA)	(NA)	217	11 756	236	9 204
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	56	312	65	340	33	203	40	201
Used or to be used for breeding	16	75	(NA)	(NA)	10	54	8	43
Other hogs and pigs	53	237	(NA)	(NA)	30	149	38	158
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	18	62	19	44	10	50	11	20
Dec. 1 of preceding year and May 31	15	41	6	6	8	(D)	4	(D)
June 1 and Nov. 30	9	21	15	38	7	(D)	9	(D)
Sheep and lambs	34	818	23	533	18	684	14	387
Ewes 1 year old or older	29	531	(NA)	(NA)	16	443	13	227
Goats	7	34	(NA)	(NA)	5	(D)	1	(D)
Horses and ponies	114	410	89	299	68	234	59	199
Sales:								
Hogs and pigs	24	424	28	310	13	337	14	92
$1,000	(X)	18	(X)	(NA)	(X)	13	(X)	7
Feeder pigs	8	227	12	221	4	179	4	23
$1,000	(X)	6	(X)	(NA)	(X)	5	(X)	(Z)
Sheep and lambs	25	361	18	194	16	295	13	178
Sheep and lambs shorn	27	689	(NA)	(NA)	16	574	12	314
Pounds of wool	(X)	4 980	(X)	(NA)	(X)	4 119	(X)	2 770
Sheep, lambs, and wool $1,000	30	24	(NA)	(NA)	17	20	14	8
Goats	9	55	(NA)	(NA)	4	11	–	–
$1,000	(X)	2	(X)	(NA)	(X)	1	(X)	–
Horses and ponies	17	33	15	26	8	21	8	17
$1,000	(X)	30	(X)	(NA)	(X)	18	(X)	3
POULTRY								
Inventory:								
Any poultry	81	(X)	56	(X)	45	(X)	36	(X)
Chickens 3 months old or older	71	(D)	55	507 541	42	(D)	35	507 234
Hens and pullets of laying age	68	(D)	55	(D)	41	(D)	35	(D)
Pullets 3 months old or older	6	(D)	(NA)	(NA)	2	(D)	1	(D)
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	17	714	2	(D)	10	535	2	(D)
Turkeys	8	84	(NA)	(NA)	3	64	3	17
Turkeys for slaughter	7	(D)	(NA)	(NA)	3	(D)	2	(D)
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Other poultry	27	(X)	(NA)	(X)	12	(X)	4	(X)
Sales:								
Any poultry	22	(X)	14	(X)	11	(X)	12	(X)
Chickens 3 months old or older	10	202 304	13	185 014	3	202 200	11	(D)
Hens and pullets of laying age	10	(D)	13	(D)	3	(D)	11	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	1	(D)
Broilers and other meat-type chickens	5	540	2	(D)	3	(D)	2	(D)
Turkeys	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	1	(X)	1	(X)
Poultry and poultry products $1,000	30	(D)	27	5 123	18	(D)	15	5 122

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	117	4 267	(X)	–	–	112	4 237	(X)	–	–
	1974	131	4 176	(X)	(NA)	(NA)	128	4 165	(X)	–	–
For grain or seed (bushels)	1978	3	(D)	(D)	–	–	3	(D)	(D)	–	–
	1974	4	64	4 850	(NA)	(NA)	4	(D)	4 850	–	–
For silage or green chop (tons, green)	1978	116	(D)	65 419	–	–	111	(D)	65 262	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	125	4 093	73 461	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Sorghums for all purposes	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	7	280	(X)	(NA)	(NA)	7	280	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	(D)	1 120	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
Oats for grain (bushels)	1978	6	(D)	(D)	–	–	5	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	247	15 710	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Rye for grain (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	3	5	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	4	(D)	(D)	–	–	3	(D)	(D)	–	–
	1974	18	336	82 912	(NA)	(NA)	16	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	397	31 269	54 237	–	–	298	28 662	51 322	–	–
	1974	384	29 275	52 474	(NA)	(NA)	292	27 025	49 456	2	(D)
Alfalfa hay (tons, dry)	1978	117	5 337	11 584	–	–	99	4 951	11 209	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	97	4 075	7 834	2	(D)
Other tame dry hay (tons, dry) (see text)	1978	306	18 945	32 403	–	–	237	17 253	30 361	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	78	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
All vegetables harvested for sale (see text)	1978	17	64	(X)	1	(D)	11	56	(X)	–	–
	1974	18	43	(X)	(NA)	(NA)	14	37	(X)	1	(D)
Sweet corn	1978	11	14	(X)	1	(D)	6	10	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	12	16	(X)	1	(D)
Tomatoes	1978	6	2	(X)	–	–	4	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	1	(X)	–	–
Green peas excluding cowpeas	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	4	(X)	–	–
Land in orchards	1978	13	38	(X)	–	–	4	5	(X)	–	–
	1974	5	5	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Apples (pounds)	1978	13	37	47 760	(NA)	(NA)	4	4	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	2	(D)	–	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	7	9	(X)	1	(D)	4	8	(X)	–	–
	1974	4	8	(X)	(NA)	(NA)	4	8	(X)	–	–
Strawberries (pounds)	1978	5	8	62 330	1	(D)	4	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	8	49 200	–	–
Nursery and greenhouse products	1978	6	2	(X)	–	–	4	(D)	(X)	–	–
Other crops	1978	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	446	128 919	446	132 942	343	117 184	321	116 882
Average size of farm	(X)	289	(X)	298	(X)	342	(X)	364
Approximate land area	(X)	341 120	(X)	341 056	(X)	341 120	(X)	341 056
Proportion in farms ... percent	(X)	37.8	(X)	39.0	(X)	34.4	(X)	34.3
Value of land and buildings:[1]								
Average per farm ... dollars	234 113	(X)	148 917	(X)	263 194	(X)	178 576	(X)
Average per acre ... dollars	(X)	799	(X)	500	(X)	769	(X)	490
Land in farms according to use:								
Total cropland	441	67 809	441	67 421	339	63 099	318	60 554
Harvested cropland	424	47 469	418	44 563	332	44 961	314	41 913
By acres harvested:								
1 to 9 acres	33	140	30	(NA)	14	61	8	(NA)
10 to 19 acres	37	510	38	(NA)	11	159	13	(NA)
20 to 29 acres	33	772	33	(NA)	20	473	14	(NA)
30 to 49 acres	51	1 856	39	(NA)	30	1 123	23	(NA)
50 to 99 acres	97	6 832	96	(NA)	87	6 177	76	(NA)
100 to 199 acres	101	13 933	121	(NA)	98	13 542	119	(NA)
200 to 499 acres	66	18 296	55	(NA)	66	18 296	55	(NA)
500 to 999 acres	5	(D)	5	(NA)	5	(D)	5	(NA)
1,000 acres or more	1	(D)	1	(NA)	1	(D)	1	(NA)
Cropland used only for pasture	277	18 863	290	20 546	214	16 969	205	16 616
Other cropland	61	1 477	79	2 312	45	1 169	66	2 025
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	22	477	(NA)	(NA)	15	(D)	24	958
Cropland on which all crops failed	8	108	(NA)	(NA)	8	108	13	130
Cropland in cultivated summer fallow	6	152	(NA)	(NA)	4	(D)	6	136
Cropland idle	31	740	(NA)	(NA)	20	571	30	801
Total woodland	337	44 509	347	44 132	264	38 589	253	36 457
Woodland pastured	138	8 900	(NA)	(NA)	117	8 190	132	11 880
Woodland not pastured	278	35 609	(NA)	(NA)	214	30 399	191	24 577
Other land	308	16 601	325	21 389	242	15 496	243	19 871
Pastureland and rangeland, other than cropland and woodland pastured	124	10 753	(NA)	(NA)	104	10 253	121	14 599
Land in house lots, ponds, roads, wasteland, etc	267	5 848	(NA)	(NA)	208	5 243	214	5 272
Pastureland, all types	382	38 516	(NA)	(NA)	297	35 412	(NA)	43 095
Irrigated land	9	(D)	4	33	5	(D)	1	(D)
Harvested cropland irrigated	7	(D)	(NA)	(NA)	4	(D)	1	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	2	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	8	94	(X)	(X)	8	94	(X)	(X)

[1] 1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	446	22 190	446	16 995	343	21 901	321	16 849
Average per farm ... dollars	(X)	49 753	(X)	38 105	(X)	63 852	(X)	52 489
Farms by value of agricultural products sold:[1]								
$100,000 or more	68	12 154	38	(NA)	68	12 154	38	(NA)
$40,000 to $99,999	115	7 597	120	(NA)	115	7 597	120	(NA)
$20,000 to $39,999	45	1 265	74	(NA)	45	1 265	74	(NA)
$10,000 to $19,999	31	461	35	(NA)	31	461	35	(NA)
$5,000 to $9,999	38	262	24	(NA)	38	262	24	(NA)
$2,500 to $4,999	46	161	27	(NA)	46	161	27	(NA)
Less than $2,500 (see text)	100	110	126	(NA)	(X)	(X)	3	(NA)
$2,000 to $2,499	14	32	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	20	35	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	20	23	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	46	20	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	3	179	2	(NA)	(X)	(X)	(X)	(X)
Crops	147	1 391	161	1 278	98	1 337	(NA)	1 202
Grains	3	4	(NA)	(NA)	2	(D)	8	65
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	113	751	(NA)	(NA)	76	714	84	746
Vegetables, sweet corn, and melons	23	316	(NA)	(NA)	19	312	17	127
Fruits, nuts, and berries	11	138	(NA)	(NA)	7	133	10	86
Nursery and greenhouse products	11	182	14	140	7	174	8	109
Other crops	4	1	(NA)	(NA)	2	(D)	3	69
Livestock, poultry, and their products	360	20 799	367	15 619	298	20 564	288	15 552
Poultry and poultry products	33	744	36	700	23	743	20	698
Dairy products	228	16 714	(NA)	(NA)	226	(D)	234	12 503
Cattle and calves	324	3 164	(NA)	(NA)	280	3 123	276	2 275
Hogs and pigs	19	19	(NA)	(NA)	17	(D)	17	8
Sheep, lambs, and wool	17	24	(NA)	(NA)	7	(D)	7	4
Other livestock and livestock products (see text)	41	135	(NA)	(NA)	24	124	14	65

[1] 1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	446	446	128 919	424	127 530	47 469	9	503	261	(D)
Farms with—										
1 to 9 acres	13	14	57	10	52	23	2	(D)	(D)	(D)
10 to 49 acres	45	28	1 344	37	1 101	503	4	96	9	9
50 to 69 acres	20	23	1 165	17	1 006	399	–	–	–	–
70 to 99 acres	28	25	2 241	26	2 088	944	2	(D)	(D)	(D)
100 to 139 acres	40	40	4 827	37	4 480	1 462	–	–	–	–
140 to 179 acres	45	37	7 084	42	6 602	2 425	–	–	–	–
180 to 219 acres	37	36	7 400	37	7 400	2 992	–	–	–	–
220 to 259 acres	31	47	7 360	31	7 360	3 023	1	(D)	(D)	(D)
260 to 499 acres	115	121	41 447	115	41 447	16 077	–	–	–	–
500 to 999 acres	63	61	39 500	63	39 500	14 656	–	–	–	–
1,000 to 1,999 acres	8	13	(D)	8	(D)	(D)	–	–	–	–
2,000 acres or more	1	1	(D)	1	(D)	(D)	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	446	128 919	446	132 942	343	117 184	321	116 882
Harvested cropland	424	47 469	418	44 563	332	44 961	314	41 913
Tenure of operator:								
Full owners	260	57 091	277	66 779	180	47 670	170	52 346
Harvested cropland	241	17 951	(NA)	19 394	170	16 385	(NA)	17 170
Part owners	163	65 491	153	61 481	147	63 785	137	(D)
Harvested cropland	162	26 718	(NA)	23 073	146	26 008	(NA)	22 757
Tenants	23	6 337	16	4 682	16	5 729	14	(D)
Harvested cropland	21	2 800	(NA)	2 096	16	2 568	(NA)	1 986
Type of organization:								
Individual or family	375	99 921	(NA)	(NA)	282	89 080	275	93 283
Partnership	53	21 630	(NA)	(NA)	49	21 414	37	17 592
Corporation	13	6 286	(NA)	(NA)	10	(D)	7	(D)
Other—cooperative, estate or trust, institutional, etc.	5	1 082	(NA)	(NA)	2	(D)	2	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	277	283	256	256
Other	169	152	87	56
Operators by age group:				
Under 25 years	4	4	2	3
25 to 34 years	49	38	34	23
35 to 44 years	85	74	58	47
45 to 54 years	111	146	89	103
55 to 64 years	114	103	90	84
65 years and over	83	70	70	52
Average age	51.7	51.5	52.6	52.2

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	374	357	294	264
Not on farm operated	35	32	17	20
Not reported	37	46	32	28
Operators reporting days of work off farm:				
None	231	186	212	170
1 to 49 days	17	16	14	13
50 to 99 days	15	15	11	7
100 to 149 days	13	4	7	2
150 to 199 days	25	21	12	13
200 days or more	131	120	75	45

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	200	995	184	1 194	153	978	133	1 174
Feed for livestock and poultry	395	6 092	385	5 540	315	5 978	287	5 477
Commercially mixed formula feeds	290	4 649	340	4 969	267	4 576	277	4 932
Animal health costs	349	269	(NA)	(NA)	294	260	234	165
Seeds, bulbs, plants, and trees	223	295	266	165	202	292	217	159
Commercial fertilizer	251	559	268	564	217	541	221	557
Other agricultural chemicals including lime	246	179	201	113	200	169	167	109
Hired farm labor	280	1 994	255	1 838	234	1 916	228	1 800
Contract labor	23	30	22	15	21	(D)	10	12
Customwork, machine hire, and rental of machinery and equipment	94	73	113	68	79	66	91	61
Energy and petroleum products	442	1 231	(NA)	(NA)	347	1 192	(NA)	(NA)
Petroleum products	442	750	436	511	347	723	315	488
Gasoline	432	366	(NA)	(NA)	337	349	309	293
Diesel fuel	222	206	(NA)	(NA)	216	204	199	126
LP gas, butane, and propane	26	22	(NA)	(NA)	26	22	40	12
Fuel oil	77	89	(NA)	(NA)	70	84		
Natural gas	–	–	(NA)	(NA)	–	–	315	57
Kerosene, motor oil, and grease	442	67	(NA)	(NA)	347	64		
Electricity	338	469	(NA)	(NA)	305	457	(NA)	(NA)
Other—coal, wood, coke, etc.	26	12	(NA)	(NA)	25	(D)	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Forms with sales of $2,500 or more			
	1978		1978		1974	
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	250	20 082	216	19 393	221	18 544
Cropland fertilized, except pasture	245	18 373	216	17 842	(NA)	16 561
Pasture and rangeland fertilized	51	1 709	40	1 551	(NA)	1 983
Lime	157	6 429	122	5 890	92	4 010
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	62	3 285	46	3 181	(NA)	2 741
Nematodes in crops	4	430	4	430	–	–
Diseases in crops and orchards	20	126	18	(D)	3	45
Weeds, grass, or brush in crops and pasture	152	7 597	120	7 179	(NA)	4 425
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	6	30	5	(D)	2	(D)
Insect control on livestock and poultry	158	(X)	131	(X)	34	(X)
Sanitation and rodent and bird control	61	(X)	50	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	447	436	347	321
$1,000	15 078	11 394	14 268	10 350
Average per farm — dollars	33 731	26 133	41 118	32 243
Farms by value group:				
$1 to $4,999	65	57	13	20
$5,000 to $9,999	46	85	6	38
$10,000 to $19,999	112	83	108	63

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	52	72	52	65
$30,000 to $49,999	73	82	72	79
$50,000 to $69,999	26	29	26	29
$70,000 to $99,999	33	28	31	27
$100,000 to $199,999	36		35	
$200,000 or more	4		4	

	1978						1974		
	All forms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	312	497	197	248	156	249	333	500	307
Motortrucks including pickups	336	507	147	171	238	336	323	473	188
Wheel tractors	421	1 205	97	145	409	1 060	392	1 070	251
Grain and bean combines, self-propelled only	11	11	–	–	11	11	3	3	–
Corn heads for combines	18	18	8	8	10	10	14	16	8
Other cornpickers and picker-shellers	12	20	8	16	4	4	9	9	4
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	278	309	118	120	169	189	213	228	111
Pickup balers	305	346	69	71	248	275	288	313	93
Field forage harvesters, sheor bar or flywheel type	148	187	53	58	97	129	157	180	77

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	Hired workers—All farms, 1978					Any hired workers—Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Forms	Workers	Forms	Workers	1978	1974
Forms	280	170	(X)	210	(X)	234	228
Workers	1 275	(X)	360	(X)	915	1 145	1 435
Forms with—							
1 worker	68	95	95	52	52	58	57
2 workers	69	23	46	74	148	51	41
3 or 4 workers	75	40	139	46	149	59	47
5 to 9 workers	36	11	(D)	16	110	35	49
10 workers or more	32	1	(D)	22	456	31	34

Table 9. **Livestock and Poultry—Inventory and Sales: 1978 and 1974**

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	382	(X)	388	(X)	304	(X)	290	(X)
Any cattle, hogs, or sheep	347	(X)	363	(X)	278	(X)	277	(X)
Sales:								
Any livestock or poultry and their products $1,000	360	20 799	367	15 619	298	20 564	288	15 552
Any cattle, hogs, or sheep $1,000	333	3 206	350	(NA)	282	3 158	278	2 287
CATTLE AND CALVES								
Inventory:								
Cattle and calves	336	25 425	347	28 598	276	24 639	276	27 341
Cows and heifers that had calved	308	15 107	325	16 569	258	14 730	261	16 013
Beef cows	93	806	113	1 451	51	555	56	943
Milk cows	243	14 301	251	15 118	231	14 175	239	15 070
Heifers and heifer calves	299	9 141	(NA)	(NA)	257	8 851	243	8 024
Steers, steer calves, bulls and bull calves	204	1 177	(NA)	(NA)	163	1 058	173	3 304
Sales:								
Cattle and calves	324	14 179	339	13 989	280	13 964	276	13 609
$1,000	(X)	3 164	(X)	(NA)	(X)	3 123	(X)	2 275
Calves	270	9 068	(NA)	(NA)	249	8 951	242	7 814
$1,000	(X)	708	(X)	(NA)	(X)	701	(X)	437
Cattle	281	5 111	(NA)	(NA)	241	5 013	246	5 795
$1,000	(X)	2 455	(X)	(NA)	(X)	2 422	(X)	1 838
Fattened cattle	29	667	(NA)	(NA)	21	655	23	579
$1,000	(X)	309	(X)	(NA)	(X)	304	(X)	210
Dairy products $1,000	228	16 714	(NA)	(NA)	226	(D)	234	12 503
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	43	342	65	366	32	304	37	214
Used or to be used for breeding	14	45	(NA)	(NA)	13	(D)	15	22
Other hogs and pigs	42	297	(NA)	(NA)	31	(D)	37	192
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	14	47	29	56	13	(D)	18	28
Dec. 1 of preceding year and May 31	13	25	23	31	12	(D)	14	15
June 1 and Nov. 30	10	22	21	25	9	(D)	11	13
Sheep and lambs	19	455	20	288	8	261	10	106
Ewes 1 year old or older	17	338	(NA)	(NA)	8	200	8	68
Goats	7	33	(NA)	(NA)	3	18	–	–
Horses and ponies	115	563	94	552	77	417	60	400
Sales:								
Hogs and pigs	19	399	30	352	17	(D)	17	201
$1,000	(X)	19	(X)	(NA)	(X)	(D)	(X)	8
Feeder pigs	7	260	11	153	7	260	4	51
$1,000	(X)	6	(X)	(NA)	(X)	6	(X)	1
Sheep and lambs	16	421	18	120	7	292	7	81
Sheep and lambs shorn	16	387	(NA)	(NA)	7	252	4	67
Pounds of wool	(X)	3 239	(X)	(NA)	(X)	2 201	(X)	635
Sheep, lambs, and wool $1,000	17	24	(NA)	(NA)	7	(D)	7	4
Goats	4	18	(NA)	(NA)	2	(D)	1	(D)
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	30	92	19	90	18	70	12	76
$1,000	(X)	89	(X)	(NA)	(X)	79	(X)	53
POULTRY								
Inventory:								
Any poultry	68	(X)	62	(X)	52	(X)	34	(X)
Chickens 3 months old or older	60	56 616	57	57 768	45	56 239	33	57 267
Hens and pullets of laying age	59	(D)	56	54 225	44	(D)	32	(D)
Pullets 3 months old or older	9	(D)	(NA)	(NA)	8	(D)	2	(D)
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Broilers and other meat-type chickens	17	2 067	8	440	14	2 027	3	190
Turkeys	9	162	(NA)	(NA)	7	(D)	–	–
Turkeys for slaughter	7	(D)	(NA)	(NA)	5	(D)	–	–
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	2	(D)	–	–
Other poultry	24	(X)	(NA)	(X)	14	(X)	3	(X)
Sales:								
Any poultry	23	(X)	16	(X)	18	(X)	14	(X)
Chickens 3 months old or older	11	45 075	14	43 400	11	45 075	12	(D)
Hens and pullets of laying age	11	(D)	14	43 400	11	(D)	12	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	6	1 724	–	–	5	(D)	–	–
Turkeys	3	115	(NA)	(NA)	3	115	–	–
Turkeys for slaughter	3	115	(NA)	(NA)	3	115	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	6	(X)	(NA)	(X)	3	(X)	2	(X)
Poultry and poultry products $1,000	33	744	36	700	23	743	20	698

Table 10. **Crops: 1978 and 1974**

		All farms					Forms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Forms	Acres	Quantity	Forms	Acres	Forms	Acres	Quantity	Forms	Acres
Corn for all purposes	1978	157	9 301	(X)	–	–	153	9 165	(X)	–	–
	1974	166	8 890	(X)	(NA)	(NA)	159	8 825	(X)	–	–
For grain or seed (bushels)	1978	18	1 083	88 634	–	–	17	(D)	(D)	–	–
	1974	12	726	55 808	(NA)	(NA)	12	(D)	55 808	–	–
For silage or green chop (tons, green)	1978	148	8 218	128 874	–	–	145	(D)	127 044	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	154	8 049	116 847	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sorghums for all purposes	1978	7	218	(X)	–	–	7	218	(X)	–	–
	1974	4	70	(X)	(NA)	(NA)	2	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	7	218	2 690	–	–	7	218	2 690	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
Oats for grain (bushels)	1978	11	299	13 567	–	–	9	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	337	14 747	–	–
Barley for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	9	5	264	1	(D)	4	2	165	–	–
	1974	18	109	20 587	(NA)	(NA)	9	104	20 343	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	390	39 981	74 299	–	–	311	37 644	71 298	–	–
	1974	376	36 217	66 400	(NA)	(NA)	293	33 749	63 231	–	–
Alfalfa hay (tons, dry)	1978	144	8 154	19 078	–	–	132	7 932	18 825	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	107	7 669	15 494	–	–
Other tame dry hay (tons, dry) (see text)	1978	284	21 408	39 360	–	–	224	19 634	37 051	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	23	429	(X)	3	207	19	424	(X)	2	(D)
	1974	20	242	(X)	(NA)	(NA)	17	240	(X)	1	(D)
Sweet corn	1978	21	318	(X)	2	(D)	18	316	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	15	150	(X)	–	–
Tomatoes	1978	12	36	(X)	2	(D)	11	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	12	27	(X)	–	–
Green peas excluding cowpeas	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	6	(X)	–	–
Land in orchards	1978	11	134	(X)	3	(D)	5	112	(X)	1	(D)
	1974	11	118	(X)	(NA)	(NA)	4	82	(X)	–	–
Apples (pounds)	1978	10	126	980 150	(NA)	(NA)	5	106	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	82	844 864	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	4	4	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	8	19	(X)	2	(D)	7	(D)	(X)	2	(D)
	1974	9	11	(X)	(NA)	(NA)	7	(D)	(X)	–	–
Strawberries (pounds)	1978	6	13	59 400	2	(D)	6	13	59 400	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	10	28 115	–	–
Nursery and greenhouse products	1978	11	30	(X)	3	8	7	25	(X)	2	(D)
Other crops	1978	–	–	(X)	(NA)	(NA)	–	–	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	92	25 618	87	27 238	65	21 921	60	22 533
Average size of farm	(X)	278	(X)	313	(X)	337	(X)	376
Approximate land area	(X)	424 320	(X)	424 448	(X)	424 320	(X)	424 448
Proportion in farms ... percent	(X)	6.0	(X)	6.4	(X)	5.2	(X)	5.3
Value of land and buildings:[1]								
Average per farm ... dollars	129 469	(X)	114 414	(X)	160 096	(X)	134 667	(X)
Average per acre ... dollars	(X)	465	(X)	365	(X)	475	(X)	359
Land in farms according to use:								
Total cropland	87	9 134	84	10 574	62	8 045	60	9 227
Harvested cropland	84	6 551	82	6 819	60	5 995	59	6 151
By acres harvested:								
1 to 9 acres	7	18	4	(NA)	4	11	–	(NA)
10 to 19 acres	6	85	3	(NA)	–	–	–	(NA)
20 to 29 acres	9	208	8	(NA)	3	68	3	(NA)
30 to 49 acres	19	700	16	(NA)	11	426	8	(NA)
50 to 99 acres	19	1 274	26	(NA)	18	(D)	23	(NA)
100 to 199 acres	18	2 489	19	(NA)	18	2 489	19	(NA)
200 to 499 acres	6	1 777	6	(NA)	6	1 777	6	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	49	2 212	55	3 550	37	1 798	41	3 031
Other cropland	11	371	3	205	6	252	2	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	5	148	(NA)	(NA)	2	(D)	1	(D)
Cropland on which all crops failed	–	–	(NA)	(NA)	–	–	2	(D)
Cropland in cultivated summer fallow	1	(D)	(NA)	(NA)	1	(D)	–	–
Cropland idle	5	222	(NA)	(NA)	3	(D)	–	–
Total woodland	73	13 842	78	14 847	52	11 667	53	11 735
Woodland pastured	34	2 038	(NA)	(NA)	27	1 525	33	2 440
Woodland not pastured	58	11 804	(NA)	(NA)	40	10 142	37	9 295
Other land	52	2 642	54	1 817	43	2 209	38	1 571
Pastureland and rangeland, other than cropland and woodland pastured	26	1 423	(NA)	(NA)	22	1 257	21	834
Land in house lots, ponds, roads, wasteland, etc	41	1 219	(NA)	(NA)	34	952	30	737
Pastureland, all types	74	5 673	(NA)	(NA)	53	4 580	(NA)	6 305
Irrigated land	–	–	1	(D)	–	–	1	(D)
Harvested cropland irrigated	–	–	(NA)	(NA)	–	–	1	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	3	(D)	(X)	(X)	2	(D)	(X)	(X)

[1]1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	92	3 577	87	2 674	65	3 553	60	2 642
Average per farm ... dollars	(X)	38 885	(X)	30 736	(X)	54 658	(X)	44 033
Farms by value of agricultural products sold:[1]								
$100,000 or more	10	1 674	6	(NA)	10	1 674	6	(NA)
$40,000 to $99,999	20	1 340	22	(NA)	20	1 340	22	(NA)
$20,000 to $39,999	12	345	16	(NA)	12	345	16	(NA)
$10,000 to $19,999	7	114	6	(NA)	7	114	6	(NA)
$5,000 to $9,999	8	52	7	(NA)	8	52	7	(NA)
$2,500 to $4,999	8	28	2	(NA)	8	28	2	(NA)
Less than $2,500 (see text)	27	(D)	28	(NA)	(X)	(X)	1	(NA)
$2,000 to $2,499	2	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	3	5	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	7	8	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	15	7	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	21	221	27	213	15	214	(NA)	195
Grains	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	16	96	(NA)	(NA)	12	91	10	126
Vegetables, sweet corn, and melons	4	2	(NA)	(NA)	4	2	1	(D)
Fruits, nuts, and berries	2	(D)	(NA)	(NA)	1	(D)	–	–
Nursery and greenhouse products	4	12	1	(D)	3	(D)	–	–
Other crops	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Livestock, poultry, and their products	75	3 356	69	2 433	56	3 339	58	2 424
Poultry and poultry products	4	(D)	2	(D)	3	(D)	1	(D)
Dairy products	45	2 996	(NA)	(NA)	44	(D)	54	2 159
Cattle and calves	74	354	(NA)	(NA)	56	338	58	(D)
Hogs and pigs	5	(D)	(NA)	(NA)	4	(D)	–	–
Sheep, lambs, and wool	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Other livestock and livestock products (see text)	4	2	(NA)	(NA)	3	(D)	–	–

[1]1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	92	87	25 618	84	24 634	6 551	–	–	–	–
Farms with –										
1 to 9 acres	5	1	19	3	13	4	–	–	–	–
10 to 49 acres	6	6	203	5	188	46	–	–	–	–
50 to 69 acres	3	4	177	2	(D)	(D)	–	–	–	–
70 to 99 acres	3	1	234	2	(D)	(D)	–	–	–	–
100 to 139 acres	11	13	1 228	11	1 228	336	–	–	–	–
140 to 179 acres	10	6	1 604	8	1 275	221	–	–	–	–
180 to 219 acres	15	12	3 034	15	3 034	966	–	–	–	–
220 to 259 acres	6	10	1 464	6	1 464	380	–	–	–	–
260 to 499 acres	19	21	6 739	19	6 739	1 956	–	–	–	–
500 to 999 acres	10	8	6 096	9	5 596	1 545	–	–	–	–
1,000 to 1,999 acres	4	5	4 820	4	4 820	976	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	92	25 618	87	27 238	65	21 921	60	22 533
Harvested cropland	84	6 551	82	6 819	60	5 995	59	6 151
Tenure of operator:								
Full owners	62	13 187	63	17 124	39	9 752	36	12 419
Harvested cropland	56	2 984	(NA)	3 774	36	2 523	(NA)	3 106
Part owners	24	11 441	23	10 014	21	11 224	23	10 014
Harvested cropland	22	3 064	(NA)	2 945	19	2 979	(NA)	2 945
Tenants	6	990	1	(D)	5	(D)	1	(D)
Harvested cropland	6	503	(NA)	100	5	(D)	(NA)	100
Type of organization:								
Individual or family	85	23 543	(NA)	(NA)	60	(D)	57	21 253
Partnership	6	(D)	(NA)	(NA)	5	(D)	3	1 280
Corporation	–	–	(NA)	(NA)	–	–	–	–
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	68	68	54	57
Other	24	19	11	3
Operators by age group:				
Under 25 years	–	–	–	–
25 to 34 years	6	7	5	6
35 to 44 years	23	20	16	11
45 to 54 years	21	19	17	15
55 to 64 years	20	14	14	10
65 years and over	22	27	13	18
Average age	52.8	52.9	51.8	52.9

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	78	64	54	43
Not on farm operated	4	5	2	4
Not reported	10	18	9	13
Operators reporting days of work off farm:				
None	50	31	38	26
1 to 49 days	9	2	8	2
50 to 99 days	5	5	5	5
100 to 149 days	3	2	2	2
150 to 199 days	4	4	1	3
200 days or more	19	21	10	4

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	40	198	38	107	27	189	25	97
Feed for livestock and poultry	75	1 079	73	906	55	1 065	58	900
Commercially mixed formula feeds	55	928	65	800	47	924	55	796
Animal health costs	61	41	(NA)	(NA)	51	40	50	41
Seeds, bulbs, plants, and trees	48	30	39	30	39	30	32	29
Commercial fertilizer	64	123	59	108	51	120	49	106
Other agricultural chemicals including lime	48	37	29	19	42	36	28	(D)
Hired farm labor	54	344	39	177	50	343	35	175
Contract labor	4	7	4	14	3	(D)	4	14
Customwork, machine hire, and rental of machinery and equipment	29	26	23	22	27	(D)	17	21
Energy and petroleum products	91	216	(NA)	(NA)	65	207	(NA)	(NA)
Petroleum products	91	147	87	98	65	142	60	92
Gasoline	87	85	(NA)	(NA)	62	81	60	63
Diesel fuel	46	32	(NA)	(NA)	45	(D)	38	16
LP gas, butane, and propane	18	4	(NA)	(NA)	18	4	7	1
Fuel oil	13	(D)	(NA)	(NA)	13	12	60	11
Natural gas	2	(D)	(NA)	(NA)	2	(D)		
Kerosene, motor oil, and grease	91	14	(NA)	(NA)	65	13		
Electricity	69	65	(NA)	(NA)	54	62	(NA)	(NA)
Other—coal, wood, coke, etc.	13	4	(NA)	(NA)	10	2	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	61	3 911	49	3 786	49	4 008
Cropland fertilized, except pasture	60	3 443	49	3 345	(NA)	3 123
Pasture and rangeland fertilized	21	468	17	441	(NA)	885
Lime	34	915	30	887	17	624
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	17	856	16	(D)	(NA)	534
Nematodes in crops	2	(D)	–	–	–	–
Diseases in crops and orchards	7	131	7	131	1	(D)
Weeds, grass, or brush in crops and pasture	24	935	22	(D)	(NA)	380
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	4	126	4	126	1	(D)
Insect control on livestock and poultry	30	(X)	26	(X)	2	(X)
Sanitation and rodent and bird control	10	(X)	9	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	92	84	65	60
$1,000	2 992	2 191	2 746	1 968
Average per farm — dollars	32 522	26 083	42 240	32 800
Farms by value group:				
$1 to $4,999	13	8	5	3
$5,000 to $9,999	18	12	6	1
$10,000 to $19,999	16	14	11	8

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	13	19	12	18
$30,000 to $49,999	7	21	7	20
$50,000 to $69,999	10	7	9	7
$70,000 to $99,999	11		11	
$100,000 to $199,999	3	3	3	3
$200,000 or more	1		1	

	1978						1974		
	All forms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	64	75	44	49	22	26	70	85	65
Motortrucks including pickups	74	122	33	35	57	87	76	116	42
Wheel tractors	81	210	30	41	77	169	77	193	53
Grain and bean combines, self-propelled only	2	(D)	1	(D)	1	(D)	1	(D)	–
Corn heads for combines	9	9	2	(D)	7	7	2	(D)	1
Other cornpickers and picker-shellers	2	(D)	–	–	2	(D)	–	–	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	50	51	16	16	34	35	36	38	17
Pickup balers	52	53	17	17	35	36	52	56	22
Field forage harvesters, shear bar or flywheel type	29	40	8	8	24	32	26	30	13

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	Hired workers—All farms, 1978					Any hired workers—Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Forms	Workers	Forms	Workers	1978	1974
Farms	54	30	(X)	37	(X)	50	35
Workers	223	(X)	75	(X)	148	214	214
Farms with—							
1 worker	15	16	16	5	5	15	6
2 workers	9	5	10	12	24	6	10
3 or 4 workers	17	5	18	11	35	16	4
5 to 9 workers	8	3	(D)	7	(D)	8	11
10 workers or more	5	1	(D)	2	(D)	5	4

Table 9. Livestock and Poultry—Inventory and Sales: 1978 and 1974

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	76	(X)	75	(X)	56	(X)	56	(X)
Any cattle, hogs, or sheep	73	(X)	72	(X)	55	(X)	56	(X)
Sales:								
Any livestock or poultry and their products $1,000	75	3 356	69	2 433	56	3 339	58	2 424
Any cattle, hogs, or sheep $1,000	74	357	69	(NA)	56	341	58	258
CATTLE AND CALVES								
Inventory:								
Cattle and calves	73	4 255	72	4 114	55	4 083	56	3 926
Cows and heifers that had calved	70	2 621	64	2 603	53	2 554	54	2 547
Beef cows	22	211	10	102	13	171	6	60
Milk cows	57	2 410	59	2 501	47	2 383	52	2 487
Heifers and heifer calves	66	1 344	(NA)	(NA)	52	1 275	52	1 284
Steers, steer calves, bulls and bull calves	42	290	(NA)	(NA)	31	254	28	95
Sales:								
Cattle and calves	74	1 913	69	1 838	56	1 852	58	1 776
$1,000	(X)	354	(X)	(NA)	(X)	338	(X)	(D)
Calves	58	1 254	(NA)	(NA)	49	1 235	45	1 113
$1,000	(X)	61	(X)	(NA)	(X)	60	(X)	(D)
Cattle	66	659	(NA)	(NA)	49	617	50	663
$1,000	(X)	292	(X)	(NA)	(X)	278	(X)	222
Fattened cattle	7	27	(NA)	(NA)	6	(D)	3	20
$1,000	(X)	9	(X)	(NA)	(X)	(D)	(X)	6
Dairy products $1,000	45	2 996	(NA)	(NA)	44	(D)	54	2 159
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	10	29	11	28	6	21	7	21
Used or to be used for breeding	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Other hogs and pigs	10	(D)	(NA)	(NA)	6	(D)	6	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	2	(D)	1	(D)	2	(D)	1	(D)
Dec. 1 of preceding year and May 31	2	(D)	1	(D)	2	(D)	1	(D)
June 1 and Nov. 30	1	(D)	1	(D)	1	(D)	1	(D)
Sheep and lambs	3	(D)	1	(D)	2	(D)	1	(D)
Ewes 1 year old or older	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	16	69	15	83	7	10	7	60
Sales:								
Hogs and pigs	5	29	–	–	4	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Feeder pigs	1	(D)	–	–	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Sheep and lambs	1	(D)	1	(D)	1	(D)	1	(D)
Sheep and lambs shorn	3	26	(NA)	(NA)	2	(D)	1	(D)
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool $1,000	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	4	9	–	–	3	(D)	–	–
$1,000	(X)	2	(X)	(NA)	(X)	(D)	(X)	–
POULTRY								
Inventory:								
Any poultry	10	(X)	12	(X)	6	(X)	5	(X)
Chickens 3 months old or older	9	360	12	1 066	5	193	5	834
Hens and pullets of laying age	9	(D)	12	1 037	5	(D)	5	832
Pullets 3 months old or older	2	(D)	(NA)	(NA)	1	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	1	(D)	1	(D)	–	–	–	–
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	2	(X)	–	(X)
Sales:								
Any poultry	2	(X)	2	(X)	2	(X)	1	(X)
Chickens 3 months old or older	1	(D)	2	(D)	1	(D)	1	(D)
Hens and pullets of laying age	1	(D)	2	(D)	1	(D)	1	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	–	–	–	–	–	–	–	–
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products $1,000	4	(D)	2	(D)	3	(D)	1	(D)

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	25	1 109	(X)	–	–	25	1 109	(X)	–	–
	1974	25	937	(X)	(NA)	(NA)	23	(D)	(X)	–	–
For grain or seed (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	24	(D)	18 070	–	–	24	(D)	18 070	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	22	910	18 126	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Oats for grain (bushels)	1978	5	73	2 540	–	–	5	73	2 540	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	5	(D)	(D)	–	–	3	(D)	(D)	–	–
	1974	3	81	17 131	(NA)	(NA)	2	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	79	5 505	10 382	–	–	57	4 929	9 713	–	–
	1974	78	5 964	11 098	(NA)	(NA)	56	5 310	10 192	1	(D)
Alfalfa hay (tons, dry)	1978	21	1 220	2 653	–	–	19	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	668	1 792	–	–
Other tame dry hay (tons, dry) (see text)	1978	58	3 395	6 645	–	–	44	3 093	6 206	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	4	5	(X)	–	–	4	5	(X)	–	–
	1974	3	2	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Sweet corn	1978	3	(D)	(X)	–	–	3	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Tomatoes	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	3	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	3	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	4	2	(X)	–	–	3	(D)	(X)	–	–
Other crops	1978	–	–	(X)	(NA)	(NA)	–	–	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Forms	Acres	Forms	Acres	Forms	Acres	Forms	Acres
Farms	752	226 205	780	228 618	676	214 391	703	218 692
Average size of farm	(X)	301	(X)	293	(X)	317	(X)	311
Approximate land area	(X)	422 400	(X)	422 656	(X)	422 400	(X)	422 656
Proportion in farms ... percent	(X)	53.6	(X)	54.1	(X)	50.8	(X)	51.7
Value of land and buildings:[1]								
Average per farm ... dollars	172 463	(X)	119 926	(X)	182 749	(X)	127 303	(X)
Average per acre ... dollars	(X)	563	(X)	409	(X)	558	(X)	409
Land in farms according to use:								
Total cropland	728	118 872	771	117 891	659	115 501	695	112 480
Harvested cropland	712	81 183	744	75 158	647	79 417	677	73 537
By acres harvested:								
1 to 9 acres	29	130	27	(NA)	18	73	12	(NA)
10 to 19 acres	24	320	22	(NA)	10	125	9	(NA)
20 to 29 acres	27	612	43	(NA)	12	273	25	(NA)
30 to 49 acres	71	2 620	91	(NA)	56	2 131	81	(NA)
50 to 99 acres	208	14 721	256	(NA)	199	(D)	245	(NA)
100 to 199 acres	246	33 870	230	(NA)	245	(D)	230	(NA)
200 to 499 acres	102	26 014	73	(NA)	102	26 014	73	(NA)
500 to 999 acres	5	2 896	1	(NA)	5	2 896	1	(NA)
1,000 acres or more	–	–	1	(NA)	–	–	1	(NA)
Cropland used only for pasture	484	34 673	544	38 165	446	33 595	490	35 509
Other cropland	80	3 016	106	4 568	64	2 489	92	3 434
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	27	558	(NA)	(NA)	20	428	16	1 034
Cropland on which all crops failed	17	526	(NA)	(NA)	15	(D)	33	1 259
Cropland in cultivated summer fallow	10	294	(NA)	(NA)	10	(D)	12	273
Cropland idle	38	1 638	(NA)	(NA)	28	1 325	44	868
Total woodland	604	80 706	597	76 808	549	73 337	548	73 422
Woodland pastured	368	32 156	(NA)	(NA)	345	30 817	354	31 787
Woodland not pastured	411	48 550	(NA)	(NA)	370	42 520	374	41 635
Other land	493	26 627	540	33 919	441	25 553	494	32 790
Pastureland and rangeland, other than cropland and woodland pastured	235	19 851	(NA)	(NA)	218	19 278	279	25 789
Land in house lots, ponds, roads, wasteland, etc	423	6 776	(NA)	(NA)	375	6 275	397	7 001
Pastureland, all types	694	86 680	(NA)	(NA)	636	83 690	(NA)	93 085
Irrigated land	9	137	7	143	9	137	6	(D)
Harvested cropland irrigated	7	(D)	(NA)	(NA)	7	(D)	6	(D)
Pastureland irrigated	2	(D)	(NA)	(NA)	2	(D)	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	11	276	(X)	(X)	10	(D)	(X)	(X)

[1] 1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	752	48 226	780	34 945	676	48 137	703	34 867
Average per farm ... dollars	(X)	64 130	(X)	44 801	(X)	71 208	(X)	49 597
Farms by value of agricultural products sold:[1]								
$100,000 or more	149	23 144	58	(NA)	149	23 144	58	(NA)
$40,000 to $99,999	319	21 032	305	(NA)	319	21 032	305	(NA)
$20,000 to $39,999	105	3 079	191	(NA)	105	3 079	191	(NA)
$10,000 to $19,999	35	492	86	(NA)	35	492	86	(NA)
$5,000 to $9,999	38	276	27	(NA)	38	276	27	(NA)
$2,500 to $4,999	30	114	33	(NA)	30	114	33	(NA)
Less than $2,500 (see text)	76	89	80	(NA)	(X)	(X)	3	(NA)
$2,000 to $2,499	10	23	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	17	30	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	19	23	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	30	14	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	136	954	148	793	99	918	(NA)	764
Grains	9	54	(NA)	(NA)	9	54	11	11
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	109	655	(NA)	(NA)	78	623	88	607
Vegetables, sweet corn, and melons	16	52	(NA)	(NA)	12	50	5	(D)
Fruits, nuts, and berries	6	(D)	(NA)	(NA)	3	(D)	1	(D)
Nursery and greenhouse products	11	79	13	100	9	(D)	8	98
Other crops	4	(D)	(NA)	(NA)	3	(D)	8	4
Livestock, poultry, and their products	689	47 272	721	33 813	637	47 219	666	33 770
Poultry and poultry products	29	540	28	495	18	539	20	493
Dairy products	591	42 052	(NA)	(NA)	590	(D)	621	29 850
Cattle and calves	663	4 632	(NA)	(NA)	627	4 594	655	3 403
Hogs and pigs	18	16	(NA)	(NA)	5	(D)	23	16
Sheep, lambs, and wool	9	3	(NA)	(NA)	7	(D)	4	2
Other livestock and livestock products (see text)	29	30	(NA)	(NA)	21	24	8	6

[1] 1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	752	780	226 205	712	220 992	81 183	9	2 788	1 124	137
Farms with—										
1 to 9 acres	21	15	84	12	59	47	–	–	–	–
10 to 49 acres	31	36	858	19	575	240	–	–	–	–
50 to 69 acres	17	23	981	13	759	367	–	–	–	–
70 to 99 acres	23	21	1 947	23	1 947	992	–	–	–	–
100 to 139 acres	65	63	7 655	58	6 854	2 470	1	(D)	(D)	(D)
140 to 179 acres	69	92	11 033	67	10 709	4 349	–	–	–	–
180 to 219 acres	77	93	15 246	75	14 851	6 304	3	587	289	39
220 to 259 acres	91	85	21 657	89	21 182	9 141	2	(D)	(D)	(D)
260 to 499 acres	247	252	87 122	246	86 667	33 610	1	(D)	(D)	(D)
500 to 999 acres	99	89	63 062	99	63 062	20 563	2	(D)	(D)	(D)
1,000 to 1,999 acres	11	9	(D)	11	14 327	3 100	–	–	–	–
2,000 acres or more	1	2	(D)	–	–	–	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	752	226 205	780	228 618	676	214 391	703	218 692
Harvested cropland	712	81 183	744	75 158	647	79 417	677	73 537
Tenure of operator:								
Full owners	449	117 699	505	133 223	383	106 676	441	124 191
Harvested cropland	420	42 175	(NA)	43 407	363	40 566	(NA)	41 941
Part owners	283	103 760	246	90 107	275	(D)	236	89 568
Harvested cropland	277	38 041	(NA)	30 301	270	(D)	(NA)	30 171
Tenants	20	4 746	29	5 288	18	(D)	26	4 933
Harvested cropland	15	967	(NA)	1 450	14	(D)	(NA)	1 425
Type of organization:								
Individual or family	678	199 161	(NA)	(NA)	608	188 659	663	203 586
Partnership	53	16 608	(NA)	(NA)	48	15 446	36	12 716
Corporation	18	9 501	(NA)	(NA)	18	(D)	4	2 390
Other—cooperative, estate or trust, institutional, etc.	3	935	(NA)	(NA)	2	(D)	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	620	653	603	630
Other	132	123	73	69
Operators by age group:				
Under 25 years	8	15	8	15
25 to 34 years	123	165	111	152
35 to 44 years	191	165	175	151
45 to 54 years	195	184	182	167
55 to 64 years	167	181	147	159
65 years and over	68	66	53	55
Average age	47.6	46.9	47.2	46.6

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	656	653	592	593
Not on farm operated	43	39	37	32
Not reported	53	84	47	74
Operators reporting days of work off farm:				
None	492	421	475	404
1 to 49 days	65	54	59	52
50 to 99 days	14	21	11	18
100 to 149 days	12	13	10	12
150 to 199 days	17	17	13	12
200 days or more	111	106	68	65

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	464	3 332	416	2 470	418	3 313	362	2 448
Feed for livestock and poultry	702	15 492	720	12 233	641	15 460	660	12 198
Commercially mixed formula feeds	628	12 052	678	10 742	611	12 047	631	10 722
Animal health costs	667	631	(NA)	(NA)	612	626	574	372
Seeds, bulbs, plants, and trees	509	494	501	288	486	492	471	286
Commercial fertilizer	587	1 648	594	1 235	554	1 635	557	1 227
Other agricultural chemicals including lime	533	427	379	184	503	419	362	182
Hired farm labor	543	3 584	483	2 043	509	3 500	458	2 029
Contract labor	31	22	29	28	31	22	25	27
Customwork, machine hire, and rental of machinery and equipment	261	267	260	205	234	255	243	200
Energy and petroleum products	752	2 408	(NA)	(NA)	670	2 385	(NA)	(NA)
Petroleum products	752	1 359	760	924	670	1 341	693	915
Gasoline	701	675	(NA)	(NA)	619	662	677	572
Diesel fuel	535	441	(NA)	(NA)	511	438	453	231
LP gas, butane, and propane	50	18	(NA)	(NA)	50	18	49	18
Fuel oil	114	102	(NA)	(NA)	114	102		
Natural gas	5	3	(NA)	(NA)	5	3	693	94
Kerosene, motor oil, and grease	752	121	(NA)	(NA)	670	118		
Electricity	665	1 026	(NA)	(NA)	629	1 021	(NA)	(NA)
Other—coal, wood, coke, etc.	49	23	(NA)	(NA)	49	23	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of forms; see text]

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	578	65 655	550	65 132	557	47 815
Cropland fertilized, except pasture	575	55 861	547	55 495	(NA)	38 384
Pasture and rangeland fertilized	245	9 794	239	9 637	(NA)	9 431
Lime	376	15 189	354	14 917	184	7 279
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	138	6 467	131	6 443	(NA)	4 052
Nematodes in crops	11	668	11	668	1	(D)
Diseases in crops and orchards	14	559	14	559	4	175
Weeds, grass, or brush in crops and pasture	372	15 763	350	15 512	(NA)	7 079
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	12	417	12	417	1	(D)
Insect control on livestock and poultry	304	(X)	288	(X)	84	(X)
Sanitation and rodent and bird control	113	(X)	103	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of forms; see text]

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	752	757	670	689
$1,000	34 967	21 523	34 398	20 854
Average per farm — dollars	46 499	28 432	51 340	30 267
Farms by value group:				
$1 to $4,999	36	59	17	38
$5,000 to $9,999	85	97	34	76
$10,000 to $19,999	92	154	81	133

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	100	145	99	142
$30,000 to $49,999	129	194	129	193
$50,000 to $69,999	114	60	114	59
$70,000 to $99,999	88	48	88	48
$100,000 to $199,999	104		104	
$200,000 or more	4		4	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	606	750	420	480	237	270	664	857	592
Motortrucks including pickups	589	744	321	354	336	390	530	665	317
Wheel tractors	700	2 126	270	378	682	1 748	708	1 998	464
Grain and bean combines, self-propelled only	21	21	1	(D)	20	(D)	5	5	–
Corn heads for combines	62	65	18	18	44	47	40	43	23
Other cornpickers and picker-shellers	24	24	15	15	9	9	21	24	9
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	557	605	266	270	305	335	391	419	230
Pickup balers	595	626	147	147	453	479	546	575	190
Field forage harvesters, shear bar or flywheel type	367	428	124	128	254	300	303	342	154

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of forms; see text]

	Hired workers—All forms, 1978					Any hired workers—Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Forms	543	378	(X)	381	(X)	509	458
Workers	2 036	(X)	720	(X)	1 316	1 925	2 230
Forms with—							
1 worker	127	187	187	117	117	121	129
2 workers	117	116	232	70	140	117	86
3 or 4 workers	181	58	190	125	420	153	106
5 to 9 workers	82	16	(D)	40	227	82	86
10 workers or more	36	1	(D)	29	412	36	51

Table 9. **Livestock and Poultry—Inventory and Sales: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	699	(X)	728	(X)	640	(X)	666	(X)
Any cattle, hogs, or sheep	678	(X)	710	(X)	625	(X)	657	(X)
Sales:								
Any livestock or poultry and their products $1,000	689	47 272	721	33 813	637	47 219	666	33 770
Any cattle, hogs, or sheep $1,000	671	4 651	700	(NA)	627	4 605	657	3 421
CATTLE AND CALVES								
Inventory:								
Cattle and calves	670	55 228	705	56 580	623	54 735	656	55 839
Cows and heifers that had calved	635	37 449	678	38 556	605	37 290	642	38 289
Beef cows	67	427	109	1 190	43	290	80	951
Milk cows	601	37 022	636	37 366	592	37 000	626	37 338
Heifers and heifer calves	597	16 194	(NA)	(NA)	562	15 932	569	15 143
Steers, steer calves, bulls and bull calves	353	1 585	(NA)	(NA)	324	1 513	375	2 407
Sales:								
Cattle and calves	663	31 726	694	32 439	627	31 536	655	32 155
$1,000	(X)	4 632	(X)	(NA)	(X)	4 594	(X)	3 403
Calves	611	24 143	(NA)	(NA)	587	24 042	607	24 655
$1,000	(X)	1 590	(X)	(NA)	(X)	1 582	(X)	1 176
Cattle	576	7 583	(NA)	(NA)	544	7 494	571	7 500
$1,000	(X)	3 043	(X)	(NA)	(X)	3 012	(X)	2 227
Fattened cattle	17	548	(NA)	(NA)	13	536	26	549
$1,000	(X)	179	(X)	(NA)	(X)	175	(X)	140
Dairy products $1,000	591	42 052	(NA)	(NA)	590	(D)	621	29 850
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	52	277	78	396	37	142	63	339
Used or to be used for breeding	13	78	(NA)	(NA)	6	43	16	65
Other hogs and pigs	47	199	(NA)	(NA)	35	99	62	274
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	16	80	24	92	6	41	17	82
Dec. 1 of preceding year and May 31	12	39	19	51	4	17	15	46
June 1 and Nov. 30	10	41	16	41	5	24	11	36
Sheep and lambs	11	108	11	114	9	(D)	7	37
Ewes 1 year old or older	7	72	(NA)	(NA)	5	(D)	4	19
Goats	3	8	(NA)	(NA)	1	(D)	–	–
Horses and ponies	137	513	131	419	113	446	106	330
Sales:								
Hogs and pigs	18	548	31	595	5	(D)	23	565
$1,000	(X)	16	(X)	(NA)	(X)	(D)	(X)	16
Feeder pigs	7	351	13	406	2	(D)	11	(D)
$1,000	(X)	7	(X)	(NA)	(X)	(D)	(X)	7
Sheep and lambs	6	46	6	45	4	(D)	4	(D)
Sheep and lambs shorn	8	85	(NA)	(NA)	6	(D)	3	36
Pounds of wool	(X)	595	(X)	(NA)	(X)	(D)	(X)	182
Sheep, lambs, and wool $1,000	9	3	(NA)	(NA)	7	(D)	4	2
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	19	27	14	37	15	21	6	24
$1,000	(X)	24	(X)	(NA)	(X)	20	(X)	6
POULTRY								
Inventory:								
Any poultry	62	(X)	63	(X)	47	(X)	47	(X)
Chickens 3 months old or older	53	(D)	58	44 016	40	(D)	42	43 481
Hens and pullets of laying age	51	(D)	58	38 908	39	(D)	42	38 414
Pullets 3 months old or older	6	(D)	(NA)	(NA)	4	(D)	3	5 045
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	3	(D)	2	(D)
Broilers and other meat-type chickens	16	733	7	277	14	(D)	5	(D)
Turkeys	4	(D)	(NA)	(NA)	2	(D)	1	(D)
Turkeys for slaughter	4	(D)	(NA)	(NA)	2	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	11	(X)	(NA)	(X)	8	(X)	6	(X)
Sales:								
Any poultry	21	(X)	16	(X)	13	(X)	14	(X)
Chickens 3 months old or older	8	(D)	12	24 508	5	(D)	10	(D)
Hens and pullets of laying age	8	(D)	11	24 506	5	(D)	9	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	8	239	2	(D)	5	179	2	(D)
Turkeys	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	1	(X)	2	(X)
Poultry and poultry products $1,000	29	540	28	495	18	539	20	493

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	377	17 416	(X)	2	(D)	373	17 385	(X)	2	(D)
	1974	383	15 534	(X)	(NA)	(NA)	383	15 534	(X)	2	(D)
For grain or seed (bushels)	1978	19	1 215	75 401	–	–	18	(D)	(D)	–	–
	1974	24	406	24 487	(NA)	(NA)	24	406	24 487	–	–
For silage or green chop (tons, green)	1978	368	16 201	216 132	2	(D)	364	(D)	215 847	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	374	15 128	208 854	2	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	9	83	(X)	–	–	9	83	(X)	–	–
	1974	11	195	(X)	(NA)	(NA)	11	195	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	9	83	668	–	–	9	83	668	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	(D)	1 728	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	3	30	860	(NA)	(NA)	3	30	860	–	–
Oats for grain (bushels)	1978	16	236	12 184	–	–	15	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	14	163	7 685	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	90	2 316	–	–
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	7	4	350	–	–	5	(D)	(D)	–	–
	1974	22	23	2 536	(NA)	(NA)	13	18	1 654	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	682	67 568	132 813	2	(D)	622	65 848	130 723	2	(D)
	1974	706	61 662	115 776	(NA)	(NA)	647	60 077	113 793	3	38
Alfalfa hay (tons, dry)	1978	242	12 974	31 010	–	–	234	12 790	30 844	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	178	6 563	16 954	–	–
Other tame dry hay (tons, dry) (see text)	1978	517	38 188	75 149	1	(D)	472	36 938	73 511	1	(D)
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	12	466	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	58	2 320	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	187	9 705	–	–
All vegetables harvested for sale (see text)	1978	16	61	(X)	–	–	12	53	(X)	–	–
	1974	16	52	(X)	(NA)	(NA)	8	34	(X)	–	–
Sweet corn	1978	12	44	(X)	–	–	9	37	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	30	(X)	–	–
Tomatoes	1978	6	3	(X)	–	–	5	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	2	(X)	–	–
Green peas excluding cowpeas	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Land in orchards	1978	2	(D)	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	2	(D)	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds)	1978	1	(D)	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	2	(D)	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	9	(D)	(X)	3	66	6	(D)	(X)	3	66
	1974	4	19	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Strawberries (pounds)	1978	8	(D)	(D)	3	(D)	6	(D)	(D)	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	–
Nursery and greenhouse products	1978	11	3	(X)	1	(D)	9	(D)	(X)	1	(D)
Other crops	1978	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	129	32 012	146	34 161	111	31 030	120	32 332
Average size of farm	(X)	248	(X)	234	(X)	280	(X)	269
Approximate land area	(X)	53 120	(X)	53 248	(X)	53 120	(X)	53 248
Proportion in farms ... percent	(X)	60.3	(X)	64.2	(X)	58.4	(X)	60.7
Value of land and buildings:[1]								
Average per farm ... dollars	221 784	(X)	126 692	(X)	245 670	(X)	146 375	(X)
Average per acre ... dollars	(X)	872	(X)	541	(X)	845	(X)	543
Land in farms according to use:								
Total cropland	127	22 891	143	23 560	110	22 349	117	22 444
Harvested cropland	122	16 905	138	16 190	107	16 567	115	15 546
By acres harvested:								
1 to 9 acres	5	17	3	(NA)	3	(D)	2	(NA)
10 to 19 acres	8	117	8	(NA)	2	(D)	4	(NA)
20 to 29 acres	5	117	13	(NA)	3	(D)	4	(NA)
30 to 49 acres	15	568	24	(NA)	10	376	17	(NA)
50 to 99 acres	26	1 731	35	(NA)	26	1 731	33	(NA)
100 to 199 acres	33	4 823	36	(NA)	33	4 823	36	(NA)
200 to 499 acres	28	(D)	15	(NA)	28	(D)	15	(NA)
500 to 999 acres	2	(D)	4	(NA)	2	(D)	4	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	63	4 146	80	5 747	58	3 995	67	5 485
Other cropland	46	1 840	40	1 623	40	1 787	33	1 413
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	13	208	(NA)	(NA)	13	208	10	243
Cropland on which all crops failed	5	61	(NA)	(NA)	5	61	9	461
Cropland in cultivated summer fallow	4	58	(NA)	(NA)	4	58	9	194
Cropland idle	31	1 513	(NA)	(NA)	25	1 460	12	515
Total woodland	95	5 684	104	5 648	83	5 378	89	5 117
Woodland pastured	39	1 982	(NA)	(NA)	37	(D)	42	2 763
Woodland not pastured	72	3 702	(NA)	(NA)	61	(D)	58	2 354
Other land	96	3 437	114	4 953	83	3 303	98	4 771
Postureland and rangeland, other than cropland and woodland pastured	40	1 929	(NA)	(NA)	37	(D)	37	2 548
Land in house lots, ponds, roads, wasteland, etc	88	1 508	(NA)	(NA)	77	1 418	90	2 223
Postureland, all types	93	8 057	(NA)	(NA)	86	7 802	(NA)	10 796
Irrigated land	5	23	–	–	4	(D)	–	–
Harvested cropland irrigated	4	(D)	(NA)	(NA)	3	(D)	–	–
Postureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	12	173	(X)	(X)	12	173	(X)	(X)

[1]1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	129	5 932	146	4 853	111	5 915	120	4 817
Average per farm ... dollars	(X)	45 984	(X)	33 240	(X)	53 290	(X)	40 142
Farms by value of agricultural products sold:[1]								
$100,000 or more	15	2 334	8	(NA)	15	2 334	8	(NA)
$40,000 to $99,999	46	2 874	34	(NA)	46	2 874	34	(NA)
$20,000 to $39,999	14	398	37	(NA)	14	398	37	(NA)
$10,000 to $19,999	12	166	20	(NA)	12	166	20	(NA)
$5,000 to $9,999	16	113	8	(NA)	16	113	8	(NA)
$2,500 to $4,999	8	31	13	(NA)	8	31	13	(NA)
Less than $2,500 (see text)	18	(D)	26	(NA)	(X)	(X)	–	(NA)
$2,000 to $2,499	4	8	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	1	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	3	3	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	10	3	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	52	704	74	890	43	691	(NA)	870
Grains	7	33	(NA)	(NA)	7	33	11	115
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	41	269	(NA)	(NA)	33	258	51	351
Vegetables, sweet corn, and melons	5	(D)	(NA)	(NA)	4	(D)	4	(D)
Fruits, nuts, and berries	7	348	(NA)	(NA)	7	348	4	375
Nursery and greenhouse products	2	(D)	2	(D)	2	(D)	2	(D)
Other crops	–	–	(NA)	(NA)	–	–	–	–
Livestock, poultry, and their products	97	5 228	114	3 961	91	5 224	99	3 946
Poultry and poultry products	5	7	2	(D)	5	7	2	(D)
Dairy products	74	4 600	(NA)	(NA)	74	4 600	85	3 433
Cattle and calves	94	569	(NA)	(NA)	89	566	96	476
Hogs and pigs	5	(D)	(NA)	(NA)	3	(D)	1	(D)
Sheep, lambs, and wool	6	(D)	(NA)	(NA)	5	(D)	2	(D)
Other livestock and livestock products (see text)	5	38	(NA)	(NA)	5	38	2	(D)

[1]1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	129	146	32 012	122	31 648	16 905	5	610	194	23
Farms with—										
1 to 9 acres	2	2	(D)	1	(D)	(D)	1	(D)	(D)	(D)
10 to 49 acres	15	11	(D)	12	(D)	(D)	1	(D)	(D)	(D)
50 to 69 acres	6	8	363	4	246	135	–	–	–	–
70 to 99 acres	9	17	754	9	754	333	–	–	–	–
100 to 139 acres	14	16	1 719	14	1 719	809	1	(D)	(D)	(D)
140 to 179 acres	10	22	1 560	9	1 420	773	–	–	–	–
180 to 219 acres	14	13	2 773	14	2 773	1 452	1	(D)	(D)	(D)
220 to 259 acres	11	11	2 577	11	2 577	1 418	–	–	–	–
260 to 499 acres	33	29	11 266	33	11 266	6 426	1	(D)	(D)	(D)
500 to 999 acres	15	15	10 552	15	10 552	5 368	–	–	–	–
1,000 to 1,999 acres	–	2	–	–	–	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	129	32 012	146	34 161	111	31 030	120	32 332
Harvested cropland	122	16 905	138	16 190	107	16 567	115	15 546
Tenure of operator:								
Full owners	62	(D)	75	10 871	45	8 450	53	9 146
Harvested cropland	55	(D)	(NA)	3 984	41	3 591	(NA)	3 420
Part owners	65	21 955	69	22 925	64	(D)	65	22 821
Harvested cropland	65	12 715	(NA)	11 991	64	(D)	(NA)	11 911
Tenants	2	(D)	2	(D)	2	(D)	2	(D)
Harvested cropland	2	(D)	(NA)	215	2	(D)	(NA)	215
Type of organization:								
Individual or family	119	29 703	(NA)	(NA)	101	28 721	111	28 864
Partnership	8	(D)	(NA)	(NA)	8	(D)	8	(D)
Corporation	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Other—cooperative, estate or trust, institutional, etc.	–	–	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	90	111	89	105
Other	39	34	22	14
Operators by age group:				
Under 25 years	2	6	2	6
25 to 34 years	23	14	16	14
35 to 44 years	28	25	27	20
45 to 54 years	33	43	30	39
55 to 64 years	29	34	24	25
65 years and over	14	23	12	15
Average age	47.9	50.3	48.2	48.8

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	112	121	98	98
Not on farm operated	7	6	6	4
Not reported	10	18	7	17
Operators reporting days of work off farm:				
None	79	76	77	74
1 to 49 days	10	11	10	5
50 to 99 days	3	3	3	3
100 to 149 days	2	4	–	3
150 to 199 days	4	1	4	1
200 days or more	28	30	14	13

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	68	464	58	265	64	463	45	260
Feed for livestock and poultry	99	1 552	119	1 188	88	1 547	98	1 177
Commercially mixed formula feeds	81	1 213	111	1 079	79	(D)	97	1 073
Animal health costs	84	81	(NA)	(NA)	79	80	77	39
Seeds, bulbs, plants, and trees	94	140	101	56	87	139	84	55
Commercial fertilizer	84	210	80	128	76	208	73	127
Other agricultural chemicals including lime	80	86	58	32	71	84	51	31
Hired farm labor	75	562	82	387	71	557	78	386
Contract labor	6	5	3	1	6	5	3	1
Customwork, machine hire, and rental of machinery and equipment	24	25	34	21	22	(D)	34	21
Energy and petroleum products	127	398	(NA)	(NA)	108	393	(NA)	(NA)
Petroleum products	127	250	141	187	108	246	115	182
Gasoline	123	122	(NA)	(NA)	104	119	115	107
Diesel fuel	88	86	(NA)	(NA)	86	(D)	67	51
LP gas, butane, and propane	26	11	(NA)	(NA)	26	11	13	4
Fuel oil	15	(D)	(NA)	(NA)	15	10		
Natural gas	2	(D)	(NA)	(NA)	2	(D)	115	20
Kerosene, motor oil, and grease	127	20	(NA)	(NA)	108	20		
Electricity	106	146	(NA)	(NA)	99	145	(NA)	(NA)
Other—coal, wood, coke, etc.	8	2	(NA)	(NA)	8	2	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	84	7 852	76	7 788	73	5 297
Cropland fertilized, except pasture	84	7 580	76	7 516	(NA)	5 174
Pasture and rangeland fertilized	8	272	8	272	(NA)	123
Lime	44	1 291	40	1 243	11	441
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	27	1 396	25	(D)	(NA)	1 052
Nematodes in crops	3	256	3	256	–	–
Diseases in crops and orchards	9	283	7	(D)	2	(D)
Weeds, grass, or brush in crops and pasture	48	2 895	43	2 868	(NA)	1 492
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	4	213	4	213	–	–
Insect control on livestock and poultry	40	(X)	37	(X)	15	(X)
Sanitation and rodent and bird control	20	(X)	17	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	127	133	108	107
— $1,000	6 028	3 472	5 901	3 293
Average per farm — dollars	47 461	26 105	54 635	30 776
Farms by value group:				
$1 to $4,999	6	18	2	9
$5,000 to $9,999	19	26	6	12
$10,000 to $19,999	17	17	15	14
ALL MACHINERY AND EQUIPMENT — Con.				
Estimated market value of all machinery and equipment — Con.				
$20,000 to $29,999	15	28	15	28
$30,000 to $49,999	30	21	30	21
$50,000 to $69,999	8	15	8	15
$70,000 to $99,999	11		11	
$100,000 to $199,999	19	8	19	8
$200,000 or more	2		2	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	95	121	65	67	39	54	105	131	77
Motortrucks including pickups	105	123	59	62	54	61	96	127	48
Wheel tractors	112	317	39	61	104	256	125	338	69
Grain and bean combines, self-propelled only	16	20	3	6	13	14	7	7	1
Corn heads for combines	15	16	6	6	9	10	10	10	4
Other cornpickers and picker-shellers	14	20	9	12	5	8	6	6	4
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	78	92	33	34	54	58	57	61	24
Pickup balers	87	92	24	24	63	68	91	91	20
Field forage harvesters, shear bar or flywheel type	65	79	29	33	37	46	59	64	24

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	Hired workers — All forms, 1978					Any hired workers — Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	75	42	(X)	69	(X)	71	78
Workers	496	(X)	94	(X)	402	440	516
Forms with—							
1 worker	7	17	17	14	14	5	14
2 workers	10	14	28	10	20	10	17
3 or 4 workers	33	8	25	33	115	33	18
5 to 9 workers	19	2	(D)	7	42	19	18
10 workers or more	6	1	(D)	5	211	4	11

Table 9. **Livestock and Poultry—Inventory and Sales: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Forms	Number	Forms	Number	Forms	Number	Forms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	99	(X)	115	(X)	90	(X)	99	(X)
Any cattle, hogs, or sheep	93	(X)	111	(X)	84	(X)	97	(X)
Sales:								
Any livestock or poultry and their products $1,000	97	5 228	114	3 961	91	5 224	99	3 946
Any cattle, hogs, or sheep $1,000	96	583	112	(NA)	90	579	97	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	93	6 430	110	7 651	84	6 350	96	7 349
Cows and heifers that had calved	82	4 260	102	4 543	74	4 216	88	4 442
Beef cows	17	265	28	397	11	227	20	320
Milk cows	75	3 995	95	4 146	69	3 989	84	4 122
Heifers and heifer calves	78	1 934	(NA)	(NA)	73	1 922	84	2 238
Steers, steer calves, bulls and bull calves	61	236	(NA)	(NA)	54	212	60	669
Sales:								
Cattle and calves	94	3 609	111	4 028	89	3 593	96	3 929
$1,000	(X)	569	(X)	(NA)	(X)	566	(X)	476
Calves	82	2 508	(NA)	(NA)	79	2 499	85	2 749
$1,000	(X)	130	(X)	(NA)	(X)	129	(X)	86
Cattle	83	1 101	(NA)	(NA)	79	1 094	86	1 180
$1,000	(X)	439	(X)	(NA)	(X)	437	(X)	390
Fattened cattle	6	40	(NA)	(NA)	5	(D)	2	(D)
$1,000	(X)	26	(X)	(NA)	(X)	(D)	(X)	(D)
Dairy products $1,000	74	4 600	(NA)	(NA)	74	4 600	85	3 433
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	13	187	17	53	11	(D)	9	33
Used or to be used for breeding	3	19	(NA)	(NA)	3	19	2	(D)
Other hogs and pigs	13	168	(NA)	(NA)	11	(D)	8	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	3	24	6	6	3	24	2	(D)
Dec. 1 of preceding year and May 31	3	(D)	4	(D)	3	(D)	–	–
June 1 and Nov. 30	3	(D)	2	(D)	3	(D)	2	(D)
Sheep and lambs	6	107	3	90	5	(D)	2	(D)
Ewes 1 year old or older	5	95	(NA)	(NA)	4	(D)	1	(D)
Goats	3	4	(NA)	(NA)	2	(D)	–	–
Horses and ponies	24	89	20	89	21	83	11	66
Sales:								
Hogs and pigs	5	(D)	5	22	3	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Feeder pigs	–	–	1	(D)	–	–	1	(D)
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	(Z)
Sheep and lambs	5	69	1	(D)	4	(D)	1	(D)
Sheep and lambs shorn	6	89	(NA)	(NA)	5	(D)	2	(D)
Pounds of wool	(X)	608	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool $1,000	6	(D)	(NA)	(NA)	5	(D)	2	(D)
Goats	1	(D)	(NA)	(NA)	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	3	(D)	1	(D)	3	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
POULTRY								
Inventory:								
Any poultry	15	(X)	11	(X)	14	(X)	9	(X)
Chickens 3 months old or older	11	298	10	417	11	298	8	(D)
Hens and pullets of laying age	11	200	10	416	11	200	8	(D)
Pullets 3 months old or older	3	98	(NA)	(NA)	3	98	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	3	81	–	–	3	81	–	–
Turkeys	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	6	(X)	(NA)	(X)	5	(X)	2	(X)
Sales:								
Any poultry	4	(X)	1	(X)	4	(X)	1	(X)
Chickens 3 months old or older	1	(D)	1	(D)	1	(D)	1	(D)
Hens and pullets of laying age	1	(D)	1	(D)	1	(D)	1	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	–	–	–	–	–	–	–	–
Turkeys	1	(D)	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	2	(X)	–	(X)
Poultry and poultry products $1,000	5	7	2	(D)	5	7	2	(D)

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	60	2 831	(X)	1	(D)	58	(D)	(X)	1	(D)
	1974	77	3 320	(X)	(NA)	(NA)	73	3 293	(X)	–	–
For grain or seed (bushels)	1978	6	330	26 600	–	–	6	330	26 600	–	–
	1974	11	522	65 467	(NA)	(NA)	11	522	65 467	–	–
For silage or green chop (tons, green)	1978	60	2 501	30 424	1	(D)	58	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	71	2 771	33 613	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	5	131	(X)	–	–	5	131	(X)	–	–
	1974	7	89	(X)	(NA)	(NA)	7	89	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	5	131	685	–	–	5	131	685	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	89	798	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
Oats for grain (bushels)	1978	12	255	12 555	–	–	12	255	12 555	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	163	7 959	–	–
Barley for grain (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	113	14 031	25 660	–	–	100	13 720	25 231	–	–
	1974	128	13 146	23 902	(NA)	(NA)	105	12 544	23 097	–	–
Alfalfa hay (tons, dry)	1978	85	7 417	14 900	–	–	78	7 312	14 733	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	69	4 025	10 040	–	–
Other tame dry hay (tons, dry) (see text)	1978	58	3 348	5 789	–	–	50	3 172	5 547	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	141	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	90	2 400	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	51	1 122	–	–
All vegetables harvested for sale (see text)	1978	5	9	(X)	–	–	4	(D)	(X)	–	–
	1974	6	33	(X)	(NA)	(NA)	5	(D)	(X)	–	–
Sweet corn	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	27	(X)	–	–
Tomatoes	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	9	210	(X)	1	(D)	7	(D)	(X)	–	–
	1974	10	267	(X)	(NA)	(NA)	9	(D)	(X)	–	–
Apples (pounds)	1978	9	203	2 757 000	(NA)	(NA)	7	(D)	2 757 000	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	257	2 820 000	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	2	(D)	–	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	3	2	(X)	1	(D)	3	2	(X)	1	(D)
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Strawberries (pounds)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	2	(D)	(X)	1	(D)	2	(D)	(X)	1	(D)
Other crops	1978	3	106	(X)	(NA)	(NA)	3	106	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	244	56 032	248	55 265	180	48 121	194	49 802
Average size of farm	(X)	230	(X)	223	(X)	267	(X)	257
Approximate land area	(X)	303 360	(X)	303 552	(X)	303 360	(X)	303 552
Proportion in farms ... percent	(X)	18.5	(X)	18.2	(X)	15.9	(X)	16.4
Value of land and buildings:[1]								
Average per farm ... dollars	154 661	(X)	129 585	(X)	190 187	(X)	147 088	(X)
Average per acre ... dollars	(X)	749	(X)	582	(X)	729	(X)	573
Land in farms according to use:								
Total cropland	233	26 333	236	25 591	170	23 968	185	23 494
Harvested cropland	219	18 993	222	16 263	163	17 652	181	15 529
By acres harvested:								
1 to 9 acres	19	(D)	19	(NA)	7	19	9	(NA)
10 to 19 acres	14	183	21	(NA)	2	(D)	6	(NA)
20 to 29 acres	20	467	20	(NA)	8	197	14	(NA)
30 to 49 acres	37	1 347	41	(NA)	23	860	33	(NA)
50 to 99 acres	60	4 013	61	(NA)	55	3 743	59	(NA)
100 to 199 acres	52	7 017	47	(NA)	51	(D)	47	(NA)
200 to 499 acres	15	4 607	12	(NA)	15	4 607	12	(NA)
500 to 999 acres	2	(D)	1	(NA)	2	(D)	1	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	150	6 589	171	8 403	122	5 920	133	7 208
Other cropland	28	751	34	925	18	396	26	757
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	6	94	(NA)	(NA)	4	(D)	12	146
Cropland on which all crops failed	4	(D)	(NA)	(NA)	3	(D)	5	57
Cropland in cultivated summer fallow	4	(D)	(NA)	(NA)	2	(D)	6	70
Cropland idle	17	554	(NA)	(NA)	10	302	14	484
Total woodland	189	25 332	198	22 963	148	20 956	160	19 874
Woodland pastured	83	4 011	(NA)	(NA)	71	3 662	77	5 087
Woodland not pastured	162	21 321	(NA)	(NA)	122	17 294	129	14 787
Other land	149	4 367	163	6 711	104	3 197	134	6 434
Pastureland and rangeland, other than cropland and woodland pastured	50	2 210	(NA)	(NA)	31	1 694	59	4 145
Land in house lots, ponds, roads, wasteland, etc	134	2 157	(NA)	(NA)	94	1 503	119	2 289
Pastureland, all types	183	12 810	(NA)	(NA)	140	11 276	(NA)	16 440
Irrigated land	3	3	–	–	1	(D)	–	–
Harvested cropland irrigated	2	(D)	(NA)	(NA)	1	(D)	–	–
Pastureland irrigated	1	(D)	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	6	37	(X)	(X)	5	(D)	(X)	(X)

[1]1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	244	11 216	248	8 412	180	11 131	194	8 360
Average per farm ... dollars	(X)	45 968	(X)	33 919	(X)	61 838	(X)	43 093
Farms by value of agricultural products sold:[1]								
$100,000 or more	34	5 613	15	(NA)	34	5 613	15	(NA)
$40,000 to $99,999	71	4 264	58	(NA)	71	4 264	58	(NA)
$20,000 to $39,999	28	806	54	(NA)	28	806	54	(NA)
$10,000 to $19,999	24	338	31	(NA)	24	338	31	(NA)
$5,000 to $9,999	7	49	18	(NA)	7	49	18	(NA)
$2,500 to $4,999	16	61	17	(NA)	16	61	17	(NA)
Less than $2,500 (see text)	64	85	55	(NA)	(X)	(X)	1	(NA)
$2,000 to $2,499	14	32	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	13	22	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	21	26	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	16	6	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	73	570	79	431	43	527	(NA)	405
Grains	3	(D)	(NA)	(NA)	2	(D)	3	13
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	58	438	(NA)	(NA)	34	403	37	190
Vegetables, sweet corn, and melons	2	(D)	(NA)	(NA)	1	(D)	5	24
Fruits, nuts, and berries	6	13	(NA)	(NA)	3	11	4	(D)
Nursery and greenhouse products	7	48	6	120	5	(D)	5	(D)
Other crops	5	(D)	(NA)	(NA)	3	(D)	5	55
Livestock, poultry, and their products	194	10 646	209	7 810	160	10 604	176	7 784
Poultry and poultry products	10	(D)	16	805	7	(D)	10	804
Dairy products	138	8 921	(NA)	(NA)	136	(D)	143	6 254
Cattle and calves	182	1 295	(NA)	(NA)	156	1 270	168	710
Hogs and pigs	19	20	(NA)	(NA)	9	(D)	8	14
Sheep, lambs, and wool	11	8	(NA)	(NA)	4	(D)	–	–
Other livestock and livestock products (see text)	16	(D)	(NA)	(NA)	8	8	4	3

[1]1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	244	248	56 032	219	54 444	18 993	3	82	17	3
Farms with—										
1 to 9 acres	11	10	24	5	11	7	1	(D)	(D)	(D)
10 to 49 acres	28	21	695	16	481	207	1	(D)	(D)	(D)
50 to 69 acres	13	21	728	12	670	252	1	(D)	(D)	(D)
70 to 99 acres	15	11	1 195	15	1 195	598	–	–	–	–
100 to 139 acres	24	30	2 891	23	2 757	1 072	–	–	–	–
140 to 179 acres	20	24	3 279	20	3 279	1 154	–	–	–	–
180 to 219 acres	31	29	6 201	27	5 417	1 772	–	–	–	–
220 to 259 acres	24	27	5 701	24	5 701	2 282	–	–	–	–
260 to 499 acres	54	56	18 391	53	18 006	6 327	–	–	–	–
500 to 999 acres	22	16	(D)	22	(D)	(D)	–	–	–	–
1,000 to 1,999 acres	2	3	(D)	2	(D)	(D)	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	244	56 032	248	55 265	180	48 121	194	49 802
Harvested cropland	219	18 993	222	16 263	163	17 652	181	15 529
Tenure of operator:								
Full owners	123	21 877	149	27 185	74	15 140	103	22 292
Harvested cropland	103	6 294	(NA)	6 122	62	5 229	(NA)	5 508
Part owners	110	31 319	85	24 882	95	30 145	79	(D)
Harvested cropland	105	11 547	(NA)	8 932	90	11 271	(NA)	8 814
Tenants	11	2 836	14	3 198	11	2 836	12	(D)
Harvested cropland	11	1 152	(NA)	1 209	11	1 152	(NA)	1 207
Type of organization:								
Individual or family	220	47 770	(NA)	(NA)	157	39 993	175	42 654
Partnership	17	4 723	(NA)	(NA)	16	(D)	16	5 345
Corporation	6	(D)	(NA)	(NA)	6	2 879	3	1 803
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(NA)	(NA)	1	(D)	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	159	179	140	164
Other	85	66	40	27
Operators by age group:				
Under 25 years	5	5	4	5
25 to 34 years	35	44	27	31
35 to 44 years	71	52	54	45
45 to 54 years	52	66	44	53
55 to 64 years	46	45	34	37
65 years and over	35	33	17	20
Average age	48.2	48.7	47.0	48.1

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	204	180	155	145
Not on farm operated	22	22	14	15
Not reported	18	43	11	31
Operators reporting days of work off farm:				
None	109	126	97	114
1 to 49 days	27	16	22	12
50 to 99 days	13	3	6	1
100 to 149 days	6	2	3	1
150 to 199 days	11	14	9	6
200 days or more	67	40	32	20

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	139	1 197	130	674	98	1 190	95	660
Feed for livestock and poultry	207	3 461	212	2 884	160	3 436	169	2 862
Commercially mixed formula feeds	179	2 900	196	2 667	160	2 896	163	2 654
Animal health costs	182	135	(NA)	(NA)	149	131	132	76
Seeds, bulbs, plants, and trees	127	120	130	55	105	119	119	54
Commercial fertilizer	168	300	167	287	132	290	135	281
Other agricultural chemicals including lime	161	135	102	50	142	113	91	49
Hired farm labor	137	815	119	576	119	790	112	575
Contract labor	3	2	8	6	2	(D)	5	5
Customwork, machine hire, and rental of machinery and equipment	80	35	62	31	67	35	58	31
Energy and petroleum products	239	596	(NA)	(NA)	172	564	(NA)	(NA)
Petroleum products	239	387	246	243	172	368	192	239
Gasoline	238	199	(NA)	(NA)	171	187	187	137
Diesel fuel	152	116	(NA)	(NA)	128	112	102	59
LP gas, butane, and propane	14	11	(NA)	(NA)	14	11	29	11
Fuel oil	39	31	(NA)	(NA)	39	31		
Natural gas	–	–	(NA)	(NA)	–	–	192	32
Kerosene, motor oil, and grease	239	30	(NA)	(NA)	172	28		
Electricity	190	201	(NA)	(NA)	147	191	(NA)	(NA)
Other—coal, wood, coke, etc.	14	9	(NA)	(NA)	5	5	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	168	12 696	132	12 487	135	11 226
Cropland fertilized, except pasture	168	10 227	132	10 018	(NA)	8 514
Pasture and rangeland fertilized	82	2 469	82	2 469	(NA)	2 712
Lime	97	3 935	88	3 773	48	1 525
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	65	4 854	51	3 839	(NA)	1 479
Nematodes in crops	11	305	11	305	2	(D)
Diseases in crops and orchards	3	102	3	102	3	40
Weeds, grass, or brush in crops and pasture	73	2 514	68	2 459	(NA)	1 522
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	11	295	11	295	3	68
Insect control on livestock and poultry	121	(X)	112	(X)	12	(X)
Sanitation and rodent and bird control	42	(X)	33	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All forms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	244	234	172	187
$1,000	9 275	5 424	8 969	5 040
Average per farm — dollars	38 010	23 179	52 146	26 952
Forms by value group:				
$1 to $4,999	71	26	20	14
$5,000 to $9,999	28	52	8	27
$10,000 to $19,999	15	44	15	36

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	33	47	33	45
$30,000 to $49,999	35	35	34	35
$50,000 to $69,999	18	22	18	22
$70,000 to $99,999	21		21	
$100,000 to $199,999	20	8	20	8
$200,000 or more	3		3	

	1978						1974		
	All forms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	155	194	97	111	76	83	187	243	164
Motortrucks including pickups	198	270	80	105	140	165	183	259	107
Wheel tractors	228	546	80	117	207	429	222	511	134
Grain and bean combines, self-propelled only	–	–	–	–	–	–	1	(D)	–
Corn heads for combines	20	21	7	8	13	13	10	11	5
Other cornpickers and picker-shellers	1	(D)	1	(D)	–	–	9	9	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	159	173	70	71	90	102	89	96	46
Pickup balers	153	161	41	41	114	120	134	147	34
Field forage harvesters, shear bar or flywheel type	92	103	39	40	55	63	74	80	29

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	Hired workers—All forms, 1978					Any hired workers—Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Forms	Workers	Forms	Workers	1978	1974
Farms	137	84	(X)	112	(X)	119	112
Workers	597	(X)	185	(X)	412	543	576
Farms with—							
1 worker	16	23	23	23	23	16	24
2 workers	20	43	86	12	24	20	21
3 or 4 workers	55	15	48	56	183	37	22
5 to 9 workers	38	2	(D)	15	88	38	27
10 workers or more	8	1	(D)	6	94	8	18

Table 9. Livestock and Poultry—Inventory and Sales: 1978 and 1974

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	199	(X)	208	(X)	159	(X)	174	(X)
Any cattle, hogs, or sheep	190	(X)	199	(X)	153	(X)	169	(X)
Sales:								
Any livestock or poultry and their products $1,000	194	10 646	209	7 810	160	10 604	176	7 784
Any cattle, hogs, or sheep $1,000	190	1 324	199	(NA)	157	1 289	170	724
CATTLE AND CALVES								
Inventory:								
Cattle and calves	186	11 958	190	11 726	153	11 643	166	11 443
Cows and heifers that had calved	168	7 754	167	7 697	144	7 667	153	7 592
Beef cows	33	173	40	180	17	110	28	102
Milk cows	146	7 581	152	7 517	136	7 557	146	7 490
Heifers and heifer calves	152	3 320	(NA)	(NA)	127	3 138	142	3 331
Steers, steer calves, bulls and bull calves	111	884	(NA)	(NA)	91	838	88	520
Sales:								
Cattle and calves	182	6 869	190	6 161	156	6 744	168	6 000
$1,000	(X)	1 295	(X)	(NA)	(X)	1 270	(X)	710
Calves	161	4 753	(NA)	(NA)	144	4 683	153	4 102
$1,000	(X)	357	(X)	(NA)	(X)	351	(X)	110
Cattle	159	2 116	(NA)	(NA)	136	2 061	142	1 898
$1,000	(X)	939	(X)	(NA)	(X)	919	(X)	600
Fattened cattle	13	111	(NA)	(NA)	6	103	6	38
$1,000	(X)	40	(X)	(NA)	(X)	36	(X)	10
Dairy products $1,000	138	8 921	(NA)	(NA)	136	(D)	143	6 254
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	30	218	27	417	17	172	22	386
Used or to be used for breeding	14	55	(NA)	(NA)	7	45	8	61
Other hogs and pigs	24	163	(NA)	(NA)	14	127	20	325
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	15	53	10	59	7	42	8	(D)
Dec. 1 of preceding year and May 31	10	25	7	29	3	(D)	5	(D)
June 1 and Nov. 30	7	28	6	30	6	(D)	6	30
Sheep and lambs	15	313	6	178	6	103	–	–
Ewes 1 year old or older	12	223	(NA)	(NA)	5	(D)	–	–
Goats	3	17	(NA)	(NA)	1	(D)	–	–
Horses and ponies	61	198	45	139	41	129	33	93
Sales:								
Hogs and pigs	19	420	13	261	9	342	8	232
$1,000	(X)	20	(X)	(NA)	(X)	(D)	(X)	14
Feeder pigs	9	263	2	(D)	5	231	2	(D)
$1,000	(X)	6	(X)	(NA)	(X)	5	(X)	(D)
Sheep and lambs	9	127	4	94	2	(D)	–	–
Sheep and lambs shorn	11	206	(NA)	(NA)	4	(D)	–	–
Pounds of wool	(X)	1 532	(X)	(NA)	(X)	(D)	(X)	–
Sheep, lambs, and wool $1,000	11	8	(NA)	(NA)	4	(D)	–	–
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	13	21	10	17	7	12	4	7
$1,000	(X)	13	(X)	(NA)	(X)	8	(X)	3
POULTRY								
Inventory:								
Any poultry	26	(X)	24	(X)	12	(X)	16	(X)
Chickens 3 months old or older	22	(D)	23	64 153	11	(D)	15	63 919
Hens and pullets of laying age	22	(D)	21	56 046	11	(D)	15	(D)
Pullets 3 months old or older	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	6	289	–	–	2	(D)	–	–
Turkeys	2	(D)	(NA)	(NA)	–	–	1	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	–	–	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	7	(X)	(NA)	(X)	1	(X)	2	(X)
Sales:								
Any poultry	7	(X)	9	(X)	5	(X)	5	(X)
Chickens 3 months old or older	4	30 805	9	51 774	4	30 805	5	(D)
Hens and pullets of laying age	3	(D)	7	47 720	3	(D)	5	(D)
Pullets 3 months old or older	2	(D)	(NA)	(NA)	2	(D)	–	–
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	2	(D)	2	(D)	1	(D)	–	–
Turkeys	1	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products $1,000	10	(D)	16	805	7	(D)	10	804

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	79	3 579	(X)	–	–	76	3 555	(X)	–	–
	1974	88	3 410	(X)	(NA)	(NA)	86	(D)	(X)	–	–
For grain or seed (bushels)	1978	6	161	13 260	–	–	5	(D)	(D)	–	–
	1974	7	267	18 723	(NA)	(NA)	7	267	18 723	–	–
For silage or green chop (tons, green)	1978	75	3 418	53 809	–	–	73	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	83	3 103	45 325	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	5	38	(X)	(NA)	(NA)	4	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	33	156	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Oats for grain (bushels)	1978	3	68	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	69	1 800	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	6	95	(D)	–	–	4	(D)	(D)	–	–
	1974	10	102	17 866	(NA)	(NA)	6	93	17 320	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	200	16 345	31 018	–	–	151	15 054	29 409	–	–
	1974	201	13 392	25 562	(NA)	(NA)	167	12 722	24 915	–	–
Alfalfa hay (tons, dry)	1978	55	1 852	4 504	–	–	51	1 803	4 443	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	36	1 619	3 317	–	–
Other tame dry hay (tons, dry) (see text)	1978	157	9 994	19 803	–	–	122	9 145	18 753	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	11	110	(X)	(NA)	(NA)	7	102	(X)	–	–
Sweet corn	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	57	(X)	–	–
Tomatoes	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	3	(X)	–	–
Green peas excluding cowpeas	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	7	(X)	–	–
Land in orchards	1978	6	13	(X)	–	–	2	(D)	(X)	–	–
	1974	7	23	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Apples (pounds)	1978	6	13	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	4	3	(X)	1	(D)	2	(D)	(X)	–	–
	1974	4	6	(X)	(NA)	(NA)	4	6	(X)	1	(D)
Strawberries (pounds)	1978	4	2	10 630	1	(D)	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	6	15 036	1	(D)
Nursery and greenhouse products	1978	7	2	(X)	1	(D)	5	(D)	(X)	1	(D)
Other crops	1978	–	–	(X)	(NA)	(NA)	–	–	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	535	130 773	515	140 498	392	110 879	389	123 895
Average size of farm	(X)	244	(X)	273	(X)	283	(X)	318
Approximate land area	(X)	441 600	(X)	441 664	(X)	441 600	(X)	441 664
Proportion in farms ... percent	(X)	29.6	(X)	31.8	(X)	25.1	(X)	28.1
Value of land and buildings:[1]								
Average per farm ... dollars	148 309	(X)	114 907	(X)	169 202	(X)	131 612	(X)
Average per acre ... dollars	(X)	603	(X)	421	(X)	585	(X)	413
Land in farms according to use:								
Total cropland	520	54 711	501	53 408	381	48 603	378	47 668
Harvested cropland	500	34 782	479	33 071	370	31 515	370	30 771
By acres harvested:								
1 to 9 acres	39	174	38	(NA)	17	76	15	(NA)
10 to 19 acres	39	523	45	(NA)	14	193	16	(NA)
20 to 29 acres	79	1 784	51	(NA)	34	778	22	(NA)
30 to 49 acres	84	3 086	91	(NA)	57	2 173	68	(NA)
50 to 99 acres	133	9 404	139	(NA)	124	8 879	135	(NA)
100 to 199 acres	98	12 175	91	(NA)	97	(D)	90	(NA)
200 to 499 acres	27	(D)	23	(NA)	26	(D)	23	(NA)
500 to 999 acres	1	(D)	–	(NA)	1	(D)	–	(NA)
1,000 acres or more	–	–	1	(NA)	–	–	1	(NA)
Cropland used only for pasture	347	18 088	336	18 148	263	15 794	246	15 620
Other cropland	75	1 841	64	2 189	48	1 294	37	1 277
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	28	493	(NA)	(NA)	19	404	14	501
Cropland on which all crops failed	8	37	(NA)	(NA)	4	(D)	2	(D)
Cropland in cultivated summer fallow	10	39	(NA)	(NA)	9	(D)	5	(D)
Cropland idle	42	1 272	(NA)	(NA)	26	836	22	498
Total woodland	445	60 612	436	66 374	332	49 136	337	58 559
Woodland pastured	188	14 525	(NA)	(NA)	162	13 485	216	25 194
Woodland not pastured	362	46 087	(NA)	(NA)	266	35 651	236	33 365
Other land	339	15 450	374	20 716	247	13 140	276	17 668
Pastureland and rangeland, other than cropland and woodland pastured	135	10 122	(NA)	(NA)	103	8 718	159	13 453
Land in house lots, ponds, roads, wasteland, etc	308	5 328	(NA)	(NA)	220	4 422	231	4 215
Pastureland, all types	443	42 735	(NA)	(NA)	338	37 997	(NA)	54 267
Irrigated land	8	25	2	(D)	6	(D)	2	(D)
Harvested cropland irrigated	8	25	(NA)	(NA)	6	(D)	2	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	2	(D)	(X)	(X)	2	(D)	(X)	(X)

[1] 1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	535	18 989	515	14 504	392	18 693	389	14 286
Average per farm ... dollars	(X)	35 493	(X)	28 163	(X)	47 685	(X)	36 725
Farms by value of agricultural products sold:[1]								
$100,000 or more	43	6 701	19	(NA)	43	6 701	19	(NA)
$40,000 to $99,999	134	8 360	118	(NA)	134	8 360	118	(NA)
$20,000 to $39,999	84	2 541	99	(NA)	84	2 541	99	(NA)
$10,000 to $19,999	42	620	70	(NA)	42	620	70	(NA)
$5,000 to $9,999	44	313	45	(NA)	44	313	45	(NA)
$2,500 to $4,999	45	158	31	(NA)	45	158	31	(NA)
Less than $2,500 (see text)	141	(D)	131	(NA)	(X)	(X)	7	(NA)
$2,000 to $2,499	22	48	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	31	52	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	24	29	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	64	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	2	(D)	2	(NA)	(X)	(X)	(X)	(X)
Crops	171	1 000	155	577	114	924	(NA)	515
Grains	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	127	420	(NA)	(NA)	88	371	77	368
Vegetables, sweet corn, and melons	24	61	(NA)	(NA)	15	53	10	18
Fruits, nuts, and berries	19	187	(NA)	(NA)	11	175	10	60
Nursery and greenhouse products	16	308	8	37	10	301	7	(D)
Other crops	8	(D)	(NA)	(NA)	6	(D)	8	(D)
Livestock, poultry, and their products	445	17 988	443	13 679	357	17 769	355	13 537
Poultry and poultry products	38	239	38	356	25	235	22	353
Dairy products	296	15 370	(NA)	(NA)	286	15 255	300	11 850
Cattle and calves	398	2 234	(NA)	(NA)	339	2 166	340	1 273
Hogs and pigs	44	31	(NA)	(NA)	31	24	22	22
Sheep, lambs, and wool	37	35	(NA)	(NA)	17	23	9	14
Other livestock and livestock products (see text)	33	79	(NA)	(NA)	20	66	15	25

[1] 1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	535	515	130 773	500	127 655	34 782	8	265	75	25
Farms with—										
1 to 9 acres	17	10	69	9	49	18	3	23	6	6
10 to 49 acres	35	31	872	30	769	371	4	(D)	(D)	(D)
50 to 69 acres	30	21	1 718	23	1 331	503	–	–	–	–
70 to 99 acres	39	43	3 401	37	3 215	1 168	–	–	–	–
100 to 139 acres	65	47	7 647	59	6 996	2 376	–	–	–	–
140 to 179 acres	67	58	10 518	64	10 058	2 963	1	(D)	(D)	(D)
180 to 219 acres	46	50	9 212	44	8 801	2 830	–	–	–	–
220 to 259 acres	42	53	10 072	42	10 072	3 080	–	–	–	–
260 to 499 acres	143	148	50 910	141	50 010	13 731	–	–	–	–
500 to 999 acres	45	46	28 450	45	28 450	6 542	–	–	–	–
1,000 to 1,999 acres	6	5	7 904	6	7 904	1 200	–	–	–	–
2,000 acres or more	–	3	–	–	–	–	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	535	130 773	515	140 498	392	110 879	389	123 895
Harvested cropland	500	34 782	479	33 071	370	31 515	370	30 771
Tenure of operator:								
Full owners	266	49 746	284	59 834	142	(D)	183	46 474
Harvested cropland	239	9 461	(NA)	13 235	127	(D)	(NA)	(D)
Part owners	236	74 756	202	75 081	219	71 517	179	71 890
Harvested cropland	232	23 008	(NA)	17 840	215	22 313	(NA)	17 248
Tenants	33	6 271	29	5 583	31	(D)	27	(D)
Harvested cropland	29	2 313	(NA)	1 996	28	(D)	(NA)	1 990
Type of organization:								
Individual or family	478	111 947	(NA)	(NA)	346	94 271	350	108 061
Partnership	46	14 555	(NA)	(NA)	37	13 007	33	13 695
Corporation	9	(D)	(NA)	(NA)	9	3 601	6	2 139
Other—cooperative, estate or trust, institutional, etc.	2	(D)	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	365	375	319	333
Other	170	132	73	50
Operators by age group:				
Under 25 years	17	9	15	9
25 to 34 years	77	58	62	45
35 to 44 years	110	79	88	54
45 to 54 years	118	143	84	114
55 to 64 years	115	123	85	96
65 years and over	98	95	58	65
Average age	50.0	51.7	48.4	51.3

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	462	440	352	333
Not on farm operated	47	22	26	16
Not reported	26	45	14	34
Operators reporting days of work off farm:				
None	271	247	238	224
1 to 49 days	66	47	53	40
50 to 99 days	20	19	15	11
100 to 149 days	18	13	8	7
150 to 199 days	28	18	14	4
200 days or more	113	95	53	33

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	259	880	236	692	174	850	167	653
Feed for livestock and poultry	464	6 072	467	5 136	349	5 939	357	5 049
Commercially mixed formula feeds	337	5 029	423	4 788	299	4 950	352	4 728
Animal health costs	432	214	(NA)	(NA)	343	208	299	165
Seeds, bulbs, plants, and trees	304	124	295	115	258	120	250	110
Commercial fertilizer	406	550	349	570	332	516	294	560
Other agricultural chemicals including lime	354	152	217	89	290	142	202	86
Hired farm labor	318	1 244	269	802	274	1 182	236	774
Contract labor	30	40	12	12	24	39	9	10
Customwork, machine hire, and rental of machinery and equipment	156	65	167	68	137	60	145	66
Energy and petroleum products	530	1 090	(NA)	(NA)	387	1 027	(NA)	(NA)
Petroleum products	530	678	489	463	387	640	381	443
Gasoline	524	367	(NA)	(NA)	386	341	378	307
Diesel fuel	286	151	(NA)	(NA)	265	148	231	78
LP gas, butane, and propane	77	23	(NA)	(NA)	76	(D)	46	9
Fuel oil	51	(D)	(NA)	(NA)	38	77		
Natural gas	1	(D)	(NA)	(NA)	1	(D)	380	49
Kerosene, motor oil, and grease	530	56	(NA)	(NA)	387	51		
Electricity	438	388	(NA)	(NA)	342	364	(NA)	(NA)
Other—coal, wood, coke, etc.	52	24	(NA)	(NA)	52	24	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Forms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	390	22 816	322	21 667	294	17 947
Cropland fertilized, except pasture	385	18 286	317	17 337	(NA)	14 212
Pasture and rangeland fertilized	180	4 530	149	4 330	(NA)	3 735
Lime	242	4 992	198	4 571	101	2 660
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	55	1 395	53	(D)	(NA)	1 726
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	23	235	14	206	5	81
Weeds, grass, or brush in crops and pasture	277	6 113	222	5 552	(NA)	3 300
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	5	60	5	60	2	(D)
Insect control on livestock and poultry	271	(X)	214	(X)	44	(X)
Sanitation and rodent and bird control	108	(X)	83	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	535	506	392	382
$1,000	15 853	10 688	14 766	9 697
Average per farm — dollars	29 631	21 123	37 668	25 385
Forms by value group:				
$1 to $4,999	33	73	7	30
$5,000 to $9,999	152	96	72	46
$10,000 to $19,999	58	125	22	100

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	97	104	97	100
$30,000 to $49,999	95	66	94	64
$50,000 to $69,999	60	24	60	24
$70,000 to $99,999	21		21	
$100,000 to $199,999	13	18	13	18
$200,000 or more	6		6	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	366	489	236	274	174	215	412	533	317
Motortrucks including pickups	463	721	213	238	318	483	407	591	208
Wheel tractors	451	1 117	122	154	424	963	469	1 081	244
Grain and bean combines, self-propelled only	–	–	–	–	–	–	2	(D)	–
Corn heads for combines	16	16	10	10	6	6	20	20	13
Other cornpickers and picker-shellers	9	10	7	7	2	(D)	17	17	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	244	259	131	134	123	125	214	231	118
Pickup balers	307	314	69	70	240	244	328	341	100
Field forage harvesters, shear bar or flywheel type	179	220	76	80	119	140	167	193	67

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of forms; see text]

	Hired workers—All forms, 1978					Any hired workers—Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	318	154	(X)	254	(X)	274	236
Workers	1 221	(X)	274	(X)	947	1 132	1 061
Forms with—							
1 worker	103	87	87	79	79	79	68
2 workers	59	38	76	47	94	47	37
3 or 4 workers	45	26	85	45	141	38	52
5 to 9 workers	89	2	(D)	65	394	89	57
10 workers or more	22	1	(D)	18	239	21	22

Table 9. Livestock and Poultry—Inventory and Sales: 1978 and 1974

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	456	(X)	467	(X)	350	(X)	357	(X)
Any cattle, hogs, or sheep	427	(X)	438	(X)	339	(X)	347	(X)
Sales:								
Any livestock or poultry and their products $1,000	445	17 988	443	13 679	357	17 769	355	13 537
Any cattle, hogs, or sheep $1,000	423	2 300	418	(NA)	349	2 213	344	1 309
CATTLE AND CALVES								
Inventory:								
Cattle and calves	412	23 231	421	24 754	334	22 401	342	23 662
Cows and heifers that had calved	382	13 170	408	14 117	317	12 827	337	13 647
Beef cows	118	629	122	800	69	429	69	541
Milk cows	328	12 541	362	13 317	293	12 398	318	13 106
Heifers and heifer calves	374	9 177	(NA)	(NA)	314	8 788	319	8 854
Steers, steer calves, bulls and bull calves	246	884	(NA)	(NA)	202	786	201	1 161
Sales:								
Cattle and calves	398	10 554	398	9 651	339	10 277	340	9 312
$1,000	(X)	2 234	(X)	(NA)	(X)	2 166	(X)	1 273
Calves	328	6 280	(NA)	(NA)	293	6 135	308	6 242
$1,000	(X)	353	(X)	(NA)	(X)	329	(X)	241
Cattle	358	4 274	(NA)	(NA)	309	4 142	308	3 070
$1,000	(X)	1 880	(X)	(NA)	(X)	1 837	(X)	1 032
Fattened cattle	33	263	(NA)	(NA)	23	246	26	232
$1,000	(X)	113	(X)	(NA)	(X)	105	(X)	73
Dairy products $1,000	296	15 370	(NA)	(NA)	286	15 255	300	11 850
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	83	461	75	334	55	311	55	220
Used or to be used for breeding	30	135	(NA)	(NA)	20	89	13	74
Other hogs and pigs	72	326	(NA)	(NA)	49	222	50	146
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	30	112	19	92	20	81	13	68
Dec. 1 of preceding year and May 31	27	67	16	53	18	52	10	39
June 1 and Nov. 30	18	45	16	39	13	29	11	29
Sheep and lambs	41	1 003	36	967	21	605	11	634
Ewes 1 year old or older	35	718	(NA)	(NA)	17	467	9	497
Goats	7	54	(NA)	(NA)	4	48	2	(D)
Horses and ponies	134	592	127	593	94	416	82	453
Sales:								
Hogs and pigs	44	769	31	703	31	614	22	549
$1,000	(X)	31	(X)	(NA)	(X)	24	(X)	22
Feeder pigs	11	417	11	476	7	338	7	392
$1,000	(X)	9	(X)	(NA)	(X)	8	(X)	8
Sheep and lambs	33	668	24	380	16	481	8	267
Sheep and lambs shorn	37	921	(NA)	(NA)	17	612	7	458
Pounds of wool	(X)	6 420	(X)	(NA)	(X)	3 843	(X)	2 395
Sheep, lambs, and wool $1,000	37	35	(NA)	(NA)	17	23	9	14
Goats	2	(D)	(NA)	(NA)	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	25	65	18	62	15	50	10	45
$1,000	(X)	73	(X)	(NA)	(X)	61	(X)	24
POULTRY								
Inventory:								
Any poultry	97	(X)	81	(X)	67	(X)	53	(X)
Chickens 3 months old or older	88	13 984	80	29 975	60	13 236	52	29 182
Hens and pullets of laying age	88	13 905	80	29 435	60	13 216	52	28 677
Pullets 3 months old or older	7	79	(NA)	(NA)	4	20	–	–
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	2	(D)	–	–
Broilers and other meat-type chickens	6	540	3	64	4	(D)	2	(D)
Turkeys	8	44	(NA)	(NA)	6	(D)	2	(D)
Turkeys for slaughter	8	(D)	(NA)	(NA)	6	(D)	2	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	33	(X)	(NA)	(X)	22	(X)	6	(X)
Sales:								
Any poultry	27	(X)	16	(X)	17	(X)	11	(X)
Chickens 3 months old or older	17	40 426	15	26 454	11	40 245	10	26 098
Hens and pullets of laying age	16	(D)	15	25 754	10	(D)	10	25 398
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	–	–
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	2	(D)	–	–	2	(D)	–	–
Turkeys	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	5	(X)	(NA)	(X)	2	(X)	–	(X)
Poultry and poultry products $1,000	38	239	38	356	25	235	22	353

Table 10. **Crops: 1978 and 1974**

		All farms					Forms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	201	6 039	(X)	–	–	190	5 903	(X)	–	–
	1974	190	5 355	(X)	(NA)	(NA)	176	5 270	(X)	–	–
For grain or seed (bushels)	1978	4	190	21 640	–	–	3	(D)	(D)	–	–
	1974	14	310	38 295	(NA)	(NA)	6	290	36 431	–	–
For silage or green chop (tons, green)	1978	199	5 849	87 454	–	–	189	(D)	86 094	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	175	4 980	78 101	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	5	23	(X)	–	–	5	23	(X)	–	–
	1974	5	37	(X)	(NA)	(NA)	5	37	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	5	23	280	–	–	5	23	280	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	37	396	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Oats for grain (bushels)	1978	5	22	400	–	–	3	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	14	17	1 929	–	–	9	16	1 773	–	–
	1974	22	29	6 334	(NA)	(NA)	12	24	5 490	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	467	30 705	58 428	1	(D)	351	27 539	54 029	1	(D)
	1974	458	28 962	51 946	(NA)	(NA)	356	26 760	49 006	–	–
Alfalfa hay (tons, dry)	1978	155	4 191	10 570	–	–	141	3 995	10 323	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	98	2 706	5 898	–	–
Other tame dry hay (tons, dry) (see text)	1978	363	19 123	36 247	1	(D)	278	17 143	33 464	1	(D)
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	24	57	(X)	1	(D)	15	50	(X)	1	(D)
	1974	19	41	(X)	(NA)	(NA)	11	21	(X)	–	–
Sweet corn	1978	19	25	(X)	–	–	13	22	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	10	(X)	–	–
Tomatoes	1978	5	(D)	(X)	–	–	3	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Green peas excluding cowpeas	1978	3	(Z)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Land in orchards	1978	21	235	(X)	–	–	13	175	(X)	–	–
	1974	10	100	(X)	(NA)	(NA)	7	94	(X)	–	–
Apples (pounds)	1978	21	231	1 859 050	(NA)	(NA)	13	170	1 772 450	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	92	733 347	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	4	(D)	(Z)	(NA)	(NA)	4	2	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	16	17	(X)	3	4	10	11	(X)	3	4
	1974	11	5	(X)	(NA)	(NA)	9	(D)	(X)	1	(D)
Strawberries (pounds)	1978	13	13	43 669	3	4	8	9	38 969	3	4
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	5	16 546	1	(D)
Nursery and greenhouse products	1978	16	15	(X)	4	8	10	10	(X)	2	(D)
Other crops	1978	–	–	(X)	(NA)	(NA)	–	–	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Forms	Acres	Forms	Acres	Forms	Acres	Forms	Acres
Forms	637	194 812	666	198 693	557	181 327	563	184 618
Average size of farm	(X)	306	(X)	298	(X)	326	(X)	328
Approximate land area	(X)	457 600	(X)	457 408	(X)	457 600	(X)	457 408
Proportion in farms ... percent	(X)	42.6	(X)	43.4	(X)	39.6	(X)	40.4
Value of land and buildings:[1]								
Average per farm ... dollars	178 460	(X)	114 694	(X)	190 006	(X)	125 451	(X)
Average per acre ... dollars	(X)	562	(X)	384	(X)	572	(X)	383
Land in farms according to use:								
Total cropland	628	97 088	650	91 544	552	92 919	552	85 823
Harvested cropland	617	65 982	616	58 875	543	63 642	538	56 791
By acres harvested:								
1 to 9 acres	14	63	29	(NA)	11	43	15	(NA)
10 to 19 acres	23	315	23	(NA)	8	112	7	(NA)
20 to 29 acres	40	881	30	(NA)	18	399	16	(NA)
30 to 49 acres	93	3 530	102	(NA)	72	2 780	77	(NA)
50 to 99 acres	184	12 779	202	(NA)	174	12 198	193	(NA)
100 to 199 acres	185	24 422	179	(NA)	182	24 118	179	(NA)
200 to 499 acres	71	19 286	44	(NA)	71	19 286	44	(NA)
500 to 999 acres	6	(D)	6	(NA)	6	(D)	6	(NA)
1,000 acres or more	1	(D)	1	(NA)	1	(D)	1	(NA)
Cropland used only for pasture	455	29 087	465	29 829	414	27 537	395	26 456
Other cropland	72	2 019	80	2 840	56	1 740	65	2 576
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	25	587	(NA)	(NA)	19	528	26	627
Cropland on which all crops failed	4	41	(NA)	(NA)	4	41	29	777
Cropland in cultivated summer fallow	6	111	(NA)	(NA)	6	111	5	249
Cropland idle	51	1 280	(NA)	(NA)	39	1 060	26	923
Total woodland	542	82 217	580	85 549	471	73 796	502	78 409
Woodland pastured	293	23 902	(NA)	(NA)	263	22 023	321	28 862
Woodland not pastured	425	58 315	(NA)	(NA)	367	51 773	350	49 547
Other land	358	15 507	423	21 600	316	14 612	363	20 386
Pastureland and rangeland, other than cropland and woodland pastured	125	9 368	(NA)	(NA)	114	9 069	190	12 786
Land in house lots, ponds, roads, wasteland, etc	309	6 139	(NA)	(NA)	271	5 543	293	7 600
Pastureland, all types	555	62 357	(NA)	(NA)	497	58 629	(NA)	68 104
Irrigated land	2	(D)	2	(D)	2	(D)	1	(D)
Harvested cropland irrigated	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	13	286	(X)	(X)	12	(D)	(X)	(X)

[1]1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Forms	Value ($1,000)	Forms	Value ($1,000)	Forms	Value ($1,000)	Forms	Value ($1,000)
Market value of agricultural products sold[1]	637	33 640	666	24 419	557	33 555	563	24 319
Average per farm ... dollars	(X)	52 811	(X)	36 665	(X)	60 242	(X)	43 195
Farms by value of agricultural products sold:[1]								
$100,000 or more	74	13 618	26	(NA)	74	13 618	26	(NA)
$40,000 to $99,999	246	15 388	207	(NA)	246	15 388	207	(NA)
$20,000 to $39,999	109	3 360	163	(NA)	109	3 360	163	(NA)
$10,000 to $19,999	54	790	87	(NA)	54	790	87	(NA)
$5,000 to $9,999	35	263	45	(NA)	35	263	45	(NA)
$2,500 to $4,999	39	136	30	(NA)	39	136	30	(NA)
Less than $2,500 (see text)	80	86	108	(NA)	(X)	(X)	5	(NA)
$2,000 to $2,499	9	20	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	15	26	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	21	25	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	35	14	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	146	1 026	171	1 146	107	985	(NA)	1 087
Grains	6	20	(NA)	(NA)	5	(D)	5	9
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	132	694	(NA)	(NA)	94	654	97	792
Vegetables, sweet corn, and melons	7	48	(NA)	(NA)	6	(D)	4	14
Fruits, nuts, and berries	4	(D)	(NA)	(NA)	1	(D)	3	(D)
Nursery and greenhouse products	9	144	10	65	9	144	8	(D)
Other crops	3	(D)	(NA)	(NA)	3	(D)	5	203
Livestock, poultry, and their products	542	32 614	563	22 832	501	32 570	520	22 798
Poultry and poultry products	26	(D)	22	236	17	(D)	17	233
Dairy products	467	29 443	(NA)	(NA)	465	(D)	479	20 454
Cattle and calves	524	2 933	(NA)	(NA)	490	2 902	513	2 067
Hogs and pigs	30	57	(NA)	(NA)	23	54	22	(D)
Sheep, lambs, and wool	13	19	(NA)	(NA)	7	17	2	(D)
Other livestock and livestock products (see text)	35	(D)	(NA)	(NA)	22	22	11	16

[1]1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	637	666	194 812	617	192 062	65 982	2	(D)	(D)	(D)
Farms with—										
1 to 9 acres	8	8	19	3	9	3	–	–	–	–
10 to 49 acres	17	27	524	14	462	255	1	(D)	(D)	(D)
50 to 69 acres	20	25	1 187	19	1 137	450	–	–	–	–
70 to 99 acres	35	26	2 916	33	2 738	1 143	–	–	–	–
100 to 139 acres	53	52	6 119	50	5 789	2 149	–	–	–	–
140 to 179 acres	47	70	7 347	44	6 890	2 794	–	–	–	–
180 to 219 acres	69	77	13 858	69	13 858	4 949	–	–	–	–
220 to 259 acres	70	62	16 571	70	16 571	5 953	–	–	–	–
260 to 499 acres	222	233	77 679	221	77 399	26 612	1	(D)	(D)	(D)
500 to 999 acres	83	73	53 400	81	52 017	16 201	–	–	–	–
1,000 to 1,999 acres	13	12	15 192	13	15 192	5 473	–	–	–	–
2,000 acres or more	–	1	–	–	–	–	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All forms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	637	194 812	666	198 693	557	181 327	563	184 618
Harvested cropland	617	65 982	616	58 875	543	63 642	538	56 791
Tenure of operator:								
Full owners	312	80 163	416	102 136	244	(D)	320	89 051
Harvested cropland	297	23 008	(NA)	27 120	234	(D)	(NA)	25 124
Part owners	277	99 988	219	86 005	267	98 748	213	(D)
Harvested cropland	274	37 268	(NA)	27 566	264	36 956	(NA)	27 513
Tenants	48	14 661	31	10 552	46	(D)	30	(D)
Harvested cropland	46	5 706	(NA)	4 189	45	(D)	(NA)	4 154
Type of organization:								
Individual or family	570	170 095	(NA)	(NA)	494	157 021	518	165 345
Partnership	54	17 814	(NA)	(NA)	50	17 403	39	14 240
Corporation	12	(D)	(NA)	(NA)	12	(D)	6	5 033
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(NA)	(NA)	1	(D)	–	–

	All forms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	493	526	477	502
Other	144	134	80	55
Operators by age group:				
Under 25 years	7	24	7	19
25 to 34 years	128	89	117	83
35 to 44 years	157	154	136	135
45 to 54 years	164	167	150	136
55 to 64 years	113	138	97	115
65 years and over	68	88	50	69
Average age	46.9	48.3	46.3	47.6

	All forms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	534	536	474	466
Not on farm operated	52	50	40	36
Not reported	51	74	43	55
Operators reporting days of work off farm:				
None	378	342	361	323
1 to 49 days	67	53	57	41
50 to 99 days	19	21	18	14
100 to 149 days	17	9	13	6
150 to 199 days	21	21	14	10
200 days or more	104	107	66	65

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All forms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	329	2 719	301	1 673	309	2 713	266	1 663
Feed for livestock and poultry	560	11 279	601	8 647	519	11 268	519	8 612
Commercially mixed formula feeds	496	8 952	556	7 347	477	8 948	496	7 325
Animal health costs	485	396	(NA)	(NA)	470	395	425	284
Seeds, bulbs, plants, and trees	310	253	315	174	300	253	294	173
Commercial fertilizer	526	1 285	498	913	513	1 275	447	898
Other agricultural chemicals including lime	377	268	242	133	369	267	232	132
Hired farm labor	496	2 031	360	1 349	465	1 998	343	1 337
Contract labor	46	63	24	62	41	59	24	62
Customwork, machine hire, and rental of machinery and equipment	226	144	208	124	192	139	198	123
Energy and petroleum products	637	1 785	(NA)	(NA)	581	1 768	(NA)	(NA)
Petroleum products	637	1 167	657	779	581	1 156	560	762
Gasoline	619	708	(NA)	(NA)	563	700	552	523
Diesel fuel	365	260	(NA)	(NA)	358	259	332	131
LP gas, butane, and propane	77	21	(NA)	(NA)	76	(D)	48	20
Fuel oil	107	76	(NA)	(NA)	107	76		
Natural gas	7	1	(NA)	(NA)	7	(D)	560	88
Kerosene, motor oil, and grease	637	101	(NA)	(NA)	581	100		
Electricity	503	596	(NA)	(NA)	488	594	(NA)	(NA)
Other—coal, wood, coke, etc.	61	22	(NA)	(NA)	56	18	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of forms; see text]

	All forms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	525	54 726	512	54 354	447	39 063
Cropland fertilized, except pasture	513	43 240	500	42 868	(NA)	31 486
Pasture and rangeland fertilized	258	11 486	258	11 486	(NA)	7 577
Lime	286	9 680	279	9 623	118	4 003
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	56	1 386	54	(D)	(NA)	2 924
Nematodes in crops	1	(D)	1	(D)	–	–
Diseases in crops and orchards	21	796	21	796	–	–
Weeds, grass, or brush in crops and pasture	308	10 547	306	(D)	(NA)	4 065
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	35	1 508	35	1 508	1	(D)
Insect control on livestock and poultry	212	(X)	211	(X)	60	(X)
Sanitation and rodent and bird control	60	(X)	60	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of forms; see text]

	All forms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	638	649	582	553
$1,000	24 180	16 293	23 777	15 361
Average per farm — dollars	37 900	25 105	40 854	27 778
Farms by value group:				
$1 to $4,999	55	60	38	35
$5,000 to $9,999	60	111	32	72
$10,000 to $19,999	129	152	119	130

	All forms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	108	132	108	127
$30,000 to $49,999	115	123	114	118
$50,000 to $69,999	56	41	56	41
$70,000 to $99,999	63	30	63	30
$100,000 to $199,999	45		45	
$200,000 or more	7		7	

	1978						1974		
	All forms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	558	734	393	460	243	274	549	704	488
Motortrucks including pickups	429	599	230	253	266	346	457	641	288
Wheel tractors	587	1 638	201	325	532	1 313	607	1 607	412
Grain and bean combines, self-propelled only	23	24	3	3	21	21	9	9	3
Corn heads for combines	49	49	19	19	30	30	28	28	16
Other cornpickers and picker-shellers	12	12	10	(D)	2	(D)	9	11	5
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	382	391	250	253	135	138	378	404	216
Pickup balers	431	454	137	138	297	316	433	459	138
Field forage harvesters, shear bar or flywheel type	179	192	114	121	68	71	188	208	108

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of forms; see text]

	Hired workers—All forms, 1978					Any hired workers—Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Forms	Workers	Forms	Workers	1978	1974
Forms	496	213	(X)	407	(X)	465	343
Workers	1 673	(X)	422	(X)	1 251	1 617	1 483
Forms with—							
1 worker	165	93	93	163	163	139	103
2 workers	115	78	156	100	200	115	49
3 or 4 workers	95	30	96	78	270	95	89
5 to 9 workers	96	10	(D)	45	282	91	70
10 workers or more	25	2	(D)	21	336	25	32

Table 9. **Livestock and Poultry—Inventory and Sales: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	559	(X)	575	(X)	504	(X)	514	(X)
Any cattle, hogs, or sheep	537	(X)	558	(X)	493	(X)	507	(X)
Sales:								
Any livestock or poultry and their products $1,000	542	32 614	563	22 832	501	32 570	520	22 798
Any cattle, hogs, or sheep $1,000	531	3 009	551	(NA)	494	2 973	515	2 095
CATTLE AND CALVES								
Inventory:								
Cattle and calves	531	39 224	552	39 532	488	38 684	504	39 089
Cows and heifers that had calved	507	26 072	526	25 985	476	25 889	486	25 815
Beef cows	79	512	72	546	57	359	49	422
Milk cows	480	25 560	510	25 439	465	25 530	483	25 393
Heifers and heifer calves	493	12 122	(NA)	(NA)	457	11 864	453	11 776
Steers, steer calves, bulls and bull calves	284	1 030	(NA)	(NA)	258	931	285	1 498
Sales:								
Cattle and calves	524	19 137	545	18 686	490	18 969	513	18 526
$1,000	(X)	2 933	(X)	(NA)	(X)	2 902	(X)	2 067
Calves	478	13 551	(NA)	(NA)	456	13 448	475	12 949
$1,000	(X)	554	(X)	(NA)	(X)	548	(X)	364
Cattle	456	5 586	(NA)	(NA)	429	5 521	440	5 577
$1,000	(X)	2 379	(X)	(NA)	(X)	2 355	(X)	1 702
Fattened cattle	29	167	(NA)	(NA)	22	156	10	105
$1,000	(X)	80	(X)	(NA)	(X)	76	(X)	26
Dairy products $1,000	467	29 443	(NA)	(NA)	465	(D)	479	20 454
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	59	665	72	387	46	553	60	350
Used or to be used for breeding	16	110	(NA)	(NA)	12	98	17	106
Other hogs and pigs	58	555	(NA)	(NA)	45	455	59	244
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	18	128	18	120	14	111	17	(D)
Dec. 1 of preceding year and May 31	16	79	12	59	12	69	11	(D)
June 1 and Nov. 30	10	49	15	61	7	42	15	61
Sheep and lambs	16	358	11	31	9	233	4	8
Ewes 1 year old or older	13	282	(NA)	(NA)	7	209	2	(D)
Goats	6	38	(NA)	(NA)	3	24	–	–
Horses and ponies	119	420	109	399	92	242	79	283
Sales:								
Hogs and pigs	30	986	29	611	23	889	22	568
$1,000	(X)	57	(X)	(NA)	(X)	54	(X)	(D)
Feeder pigs	9	267	4	103	6	190	3	(D)
$1,000	(X)	7	(X)	(NA)	(X)	5	(X)	2
Sheep and lambs	11	273	1	(D)	6	232	1	(D)
Sheep and lambs shorn	12	285	(NA)	(NA)	6	190	2	(D)
Pounds of wool	(X)	2 122	(X)	(NA)	(X)	1 178	(X)	(D)
Sheep, lambs, and wool $1,000	13	19	(NA)	(NA)	7	17	2	(D)
Goats	2	(D)	(NA)	(NA)	1	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	23	43	17	32	13	24	8	16
$1,000	(X)	22	(X)	(NA)	(X)	15	(X)	4
POULTRY								
Inventory:								
Any poultry	73	(X)	70	(X)	58	(X)	51	(X)
Chickens 3 months old or older	63	9 415	70	20 751	49	9 163	51	20 168
Hens and pullets of laying age	61	9 366	68	20 559	47	9 114	51	(D)
Pullets 3 months old or older	5	49	(NA)	(NA)	5	49	1	(D)
Pullet chicks and pullets under 3 months old	3	(D)	(NA)	(NA)	2	(D)	2	(D)
Broilers and other meat-type chickens	8	137	6	118	4	101	4	(D)
Turkeys	5	98	(NA)	(NA)	3	(D)	1	(D)
Turkeys for slaughter	4	(D)	(NA)	(NA)	2	(D)	1	(D)
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Other poultry	22	(X)	(NA)	(X)	18	(X)	1	(X)
Sales:								
Any poultry	15	(X)	8	(X)	9	(X)	4	(X)
Chickens 3 months old or older	8	(D)	8	11 573	4	(D)	4	11 525
Hens and pullets of laying age	8	(D)	4	11 525	4	(D)	4	11 525
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	–	–	–	–	–	–	–	–
Turkeys	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	3	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products $1,000	26	(D)	22	236	17	(D)	17	233

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	160	7 707	(X)	–	–	156	7 648	(X)	–	–
	1974	185	7 506	(X)	(NA)	(NA)	183	(D)	(X)	–	–
For grain or seed (bushels)	1978	11	616	54 558	–	–	11	616	54 558	–	–
	1974	3	147	(D)	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	153	7 091	98 564	–	–	149	7 032	97 879	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	181	7 280	107 544	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sorghums for all purposes	1978	6	116	(X)	–	–	6	116	(X)	–	–
	1974	17	606	(X)	(NA)	(NA)	13	500	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	6	116	1 010	–	–	6	116	1 010	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	297	2 326	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	–	(X)	–	–
Wheat for grain (bushels)	1978	5	76	(D)	–	–	3	(D)	(D)	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Oats for grain (bushels)	1978	12	151	4 720	–	–	10	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	117	5 191	–	–
Barley for grain (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	57	3 720	–	–
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	4	(D)	(D)	–	–	4	(D)	(D)	–	–
	1974	16	205	50 527	(NA)	(NA)	9	203	50 309	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	598	59 934	108 616	1	(D)	527	57 659	106 394	1	(D)
	1974	589	53 484	93 308	(NA)	(NA)	517	51 582	91 196	1	(D)
Alfalfa hay (tons, dry)	1978	165	7 639	17 960	–	–	158	7 530	17 804	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	135	6 837	14 971	–	–
Other tame dry hay (tons, dry) (see text)	1978	460	35 971	66 227	1	(D)	415	34 571	64 762	1	(D)
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	65	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
All vegetables harvested for sale (see text)	1978	7	53	(X)	–	–	6	(D)	(X)	–	–
	1974	11	38	(X)	(NA)	(NA)	5	21	(X)	–	–
Sweet corn	1978	4	(D)	(X)	–	–	4	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	16	(X)	–	–
Tomatoes	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	1	(X)	–	–
Green peas excluding cowpeas	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Land in orchards	1978	10	29	(X)	–	–	8	(D)	(X)	–	–
	1974	6	17	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Apples (pounds)	1978	10	26	11 101	(NA)	(NA)	8	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	4	1	(X)	–	–	2	(D)	(X)	–	–
	1974	6	3	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Strawberries (pounds)	1978	2	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	1	–
Nursery and greenhouse products	1978	9	47	(X)	1	(D)	9	47	(X)	1	(D)
Other crops	1978	–	–	(X)	(NA)	(NA)	–	–	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	523	172 941	520	172 187	393	152 976	407	154 703
Average size of farm	(X)	331	(X)	331	(X)	389	(X)	380
Approximate land area	(X)	593 280	(X)	593 280	(X)	593 280	(X)	593 280
Proportion in farms ... percent	(X)	29.1	(X)	29.0	(X)	25.8	(X)	26.1
Value of land and buildings:[1]								
Average per farm ... dollars	188 691	(X)	136 838	(X)	221 216	(X)	154 889	(X)
Average per acre ... dollars	(X)	523	(X)	413	(X)	514	(X)	407
Land in farms according to use:								
Total cropland	509	74 633	504	70 817	384	68 442	395	64 886
Harvested cropland	491	49 374	489	45 457	377	46 304	390	42 952
By acres harvested:								
1 to 9 acres	27	121	31	(NA)	8	38	13	(NA)
10 to 19 acres	30	406	38	(NA)	11	135	12	(NA)
20 to 29 acres	53	1 209	22	(NA)	21	485	8	(NA)
30 to 49 acres	57	2 108	72	(NA)	30	1 144	43	(NA)
50 to 99 acres	118	8 297	138	(NA)	101	7 269	126	(NA)
100 to 199 acres	147	20 759	143	(NA)	147	20 759	143	(NA)
200 to 499 acres	57	(D)	44	(NA)	57	(D)	44	(NA)
500 to 999 acres	2	(D)	1	(NA)	2	(D)	1	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	312	23 308	298	21 226	238	20 652	224	18 295
Other cropland	73	1 951	80	4 134	48	1 486	58	3 639
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	19	428	(NA)	(NA)	11	217	17	415
Cropland on which all crops failed	4	72	(NA)	(NA)	4	72	18	1 571
Cropland in cultivated summer fallow	12	163	(NA)	(NA)	8	157	6	84
Cropland idle	48	1 288	(NA)	(NA)	32	1 040	23	1 569
Total woodland	429	76 032	437	74 344	333	65 068	343	65 147
Woodland pastured	229	20 854	(NA)	(NA)	195	19 431	203	27 780
Woodland not pastured	343	55 178	(NA)	(NA)	264	45 637	258	37 367
Other land	365	22 276	360	27 026	280	19 466	301	24 670
Pastureland and rangeland, other than cropland and woodland pastured	175	15 687	(NA)	(NA)	139	14 302	157	17 087
Land in house lots, ponds, roads, wasteland, etc	321	6 589	(NA)	(NA)	246	5 164	264	7 583
Pastureland, all types	465	59 849	(NA)	(NA)	357	54 385	(NA)	63 162
Irrigated land	4	(D)	6	62	4	(D)	5	(D)
Harvested cropland irrigated	4	(D)	(NA)	(NA)	4	(D)	5	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	20	278	(X)	(X)	20	278	(X)	(X)

[1] 1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	523	20 286	520	16 495	393	20 145	407	16 384
Average per farm ... dollars	(X)	38 788	(X)	31 721	(X)	51 258	(X)	40 256
Farms by value of agricultural products sold:[1]								
$100,000 or more	55	7 193	25	(NA)	55	7 193	25	(NA)
$40,000 to $99,999	153	10 078	141	(NA)	153	10 078	141	(NA)
$20,000 to $39,999	61	1 857	116	(NA)	61	1 857	116	(NA)
$10,000 to $19,999	42	590	51	(NA)	42	590	51	(NA)
$5,000 to $9,999	35	255	31	(NA)	35	255	31	(NA)
$2,500 to $4,999	47	171	39	(NA)	47	171	39	(NA)
Less than $2,500 (see text)	130	141	117	(NA)	(X)	(X)	4	(NA)
$2,000 to $2,499	20	45	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	18	31	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	34	40	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	58	26	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	147	1 313	188	1 511	100	1 261	(NA)	1 457
Grains	7	49	(NA)	(NA)	7	49	1	(D)
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	115	531	(NA)	(NA)	76	487	98	692
Vegetables, sweet corn, and melons	21	75	(NA)	(NA)	14	71	15	61
Fruits, nuts, and berries	14	542	(NA)	(NA)	12	(D)	12	349
Nursery and greenhouse products	13	97	17	286	11	(D)	13	284
Other crops	11	19	(NA)	(NA)	9	(D)	24	63
Livestock, poultry, and their products	431	18 973	436	14 778	347	18 883	363	14 729
Poultry and poultry products	32	121	33	132	25	121	23	129
Dairy products	278	16 410	(NA)	(NA)	277	(D)	308	13 308
Cattle and calves	397	2 312	(NA)	(NA)	336	2 247	357	1 204
Hogs and pigs	28	31	(NA)	(NA)	15	25	19	15
Sheep, lambs, and wool	18	13	(NA)	(NA)	7	4	12	62
Other livestock and livestock products (see text)	28	85	(NA)	(NA)	18	(D)	14	11

[1] 1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	523	520	172 941	491	169 861	49 374	4	950	171	(D)
Farms with—										
1 to 9 acres	13	15	37	6	22	10	–	–	–	–
10 to 49 acres	45	28	1 244	32	943	479	–	–	–	–
50 to 69 acres	16	12	947	15	890	331	–	–	–	–
70 to 99 acres	26	15	2 141	25	2 066	699	–	–	–	–
100 to 139 acres	45	54	5 214	41	4 764	1 663	–	–	–	–
140 to 179 acres	42	47	6 618	41	6 468	2 242	1	(D)	(D)	(D)
180 to 219 acres	43	47	8 496	42	8 301	2 858	1	(D)	(D)	(D)
220 to 259 acres	35	38	8 318	33	7 811	2 938	1	(D)	(D)	(D)
260 to 499 acres	163	158	58 531	162	58 131	19 356	1	(D)	(D)	(D)
500 to 999 acres	77	92	49 877	76	48 947	13 191	–	–	–	–
1,000 to 1,999 acres	13	11	17 312	13	17 312	4 020	–	–	–	–
2,000 acres or more	5	3	14 206	5	14 206	1 587	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Forms	Acres	Forms	Acres	Forms	Acres	Forms	Acres
Land in farms	523	172 941	520	172 187	393	152 976	407	154 703
Harvested cropland	491	49 374	489	45 457	377	46 304	390	42 952
Tenure of operator:								
Full owners	260	72 997	287	76 943	167	56 106	193	61 754
Harvested cropland	237	16 927	(NA)	16 485	153	14 586	(NA)	14 535
Part owners	226	90 791	192	83 618	199	88 511	180	82 079
Harvested cropland	220	29 458	(NA)	24 770	197	28 915	(NA)	24 420
Tenants	37	9 153	41	11 626	27	8 359	34	10 870
Harvested cropland	34	2 989	(NA)	4 202	27	2 803	(NA)	3 997
Type of organization:								
Individual or family	458	139 657	(NA)	(NA)	332	120 013	362	133 276
Partnership	48	26 481	(NA)	(NA)	44	26 160	36	18 644
Corporation	16	(D)	(NA)	(NA)	16	(D)	8	(D)
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(NA)	(NA)	1	(D)	1	(D)

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	344	360	320	337
Other	179	151	73	61
Operators by age group:				
Under 25 years	17	7	15	6
25 to 34 years	56	70	41	55
35 to 44 years	117	100	82	77
45 to 54 years	131	153	100	116
55 to 64 years	113	123	93	101
65 years and over	89	58	62	43
Average age	49.9	49.5	49.8	49.5

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	443	421	337	331
Not on farm operated	42	38	30	28
Not reported	38	52	26	39
Operators reporting days of work off farm:				
None	248	212	228	203
1 to 49 days	37	32	26	25
50 to 99 days	24	14	18	13
100 to 149 days	22	19	16	11
150 to 199 days	35	30	20	14
200 days or more	136	119	66	54

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)
Livestock and poultry purchased	180	595	212	484	128	574	158	462
Feed for livestock and poultry	445	6 163	449	5 216	344	6 105	367	5 166
Commercially mixed formula feeds	317	4 901	410	4 843	295	4 889	362	4 819
Animal health costs	408	221	(NA)	(NA)	334	215	286	166
Seeds, bulbs, plants, and trees	302	218	343	194	279	215	298	191
Commercial fertilizer	351	748	349	579	307	735	304	572
Other agricultural chemicals including lime	317	200	244	136	277	195	225	135
Hired farm labor	326	1 588	263	1 174	273	1 574	241	1 169
Contract labor	26	66	23	42	15	64	22	(D)
Customwork, machine hire, and rental of machinery and equipment	102	90	139	84	90	78	130	82
Energy and petroleum products	525	1 267	(NA)	(NA)	395	1 235	(NA)	(NA)
Petroleum products	525	832	516	635	395	806	405	612
Gasoline	508	508	(NA)	(NA)	390	487	400	401
Diesel fuel	300	201	(NA)	(NA)	274	200	225	111
LP gas, butane, and propane	38	5	(NA)	(NA)	38	5	49	12
Fuel oil	57	50	(NA)	(NA)	56	(D)		
Natural gas	6	1	(NA)	(NA)	6	(D)	405	87
Kerosene, motor oil, and grease	525	66	(NA)	(NA)	395	63		
Electricity	387	421	(NA)	(NA)	322	415	(NA)	(NA)
Other—coal, wood, coke, etc.	34	15	(NA)	(NA)	28	14	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Forms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	350	33 452	307	32 764	305	22 884
Cropland fertilized, except pasture	345	28 963	302	28 307	(NA)	20 297
Pasture and rangeland fertilized	118	4 489	111	4 457	(NA)	2 587
Lime	192	5 924	176	5 717	87	3 631
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	79	3 356	63	3 277	(NA)	3 278
Nematodes in crops	9	210	9	210	–	–
Diseases in crops and orchards	14	619	13	(D)	8	132
Weeds, grass, or brush in crops and pasture	226	7 899	199	7 809	(NA)	5 325
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	15	468	15	468	4	118
Insect control on livestock and poultry	151	(X)	138	(X)	45	(X)
Sanitation and rodent and bird control	41	(X)	40	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	520	513	395	404
$1,000	18 553	12 621	17 690	11 788
Average per farm — dollars	35 680	24 602	44 784	29 178
Farms by value group:				
$1 to $4,999	43	64	20	19
$5,000 to $9,999	140	83	53	47
$10,000 to $19,999	63	100	56	78

ALL MACHINERY AND EQUIPMENT— Con.	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
Estimated market value of all machinery and equipment— Con.				
$20,000 to $29,999	45	99	43	93
$30,000 to $49,999	83	107	77	107
$50,000 to $69,999	51	35	51	35
$70,000 to $99,999	43		43	
$100,000 to $199,999	45	25	45	25
$200,000 or more	7		7	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	345	482	227	257	178	225	418	563	358
Motortrucks including pickups	395	578	190	200	276	378	429	602	231
Wheel tractors	491	1 353	132	164	473	1 189	490	1 289	270
Grain and bean combines, self-propelled only	27	28	2	(D)	25	(D)	10	13	–
Corn heads for combines	26	26	10	10	16	16	19	20	7
Other cornpickers and picker-shellers	28	29	15	16	13	13	22	22	5
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	310	340	147	148	184	192	239	253	134
Pickup balers	369	377	93	93	278	284	353	366	93
Field forage harvesters, shear bar or flywheel type	259	322	91	102	184	220	233	261	86

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	Hired workers— All farms, 1978					Any hired workers — Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	326	200	(X)	238	(X)	273	241
Workers	1 118	(X)	341	(X)	777	1 049	1 204
Farms with—							
1 worker	107	96	96	77	77	61	51
2 workers	57	72	144	70	140	51	58
3 or 4 workers	93	32	101	52	168	93	63
5 to 9 workers	57	–	–	28	173	57	42
10 workers or more	12	–	–	11	219	11	27

Table 9. **Livestock and Poultry—Inventory and Sales: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	455	(X)	455	(X)	346	(X)	365	(X)
Any cattle, hogs, or sheep	431	(X)	442	(X)	337	(X)	358	(X)
Sales:								
Any livestock or poultry and their products $1,000	431	18 973	436	14 778	347	18 883	363	14 729
Any cattle, hogs, or sheep $1,000	415	2 357	425	(NA)	339	2 276	359	1 281
CATTLE AND CALVES								
Inventory:								
Cattle and calves	417	26 835	434	29 055	333	25 864	353	28 053
Cows and heifers that had calved	381	15 153	409	16 468	316	14 788	343	16 002
Beef cows	130	1 147	134	1 240	78	858	77	835
Milk cows	312	14 006	348	15 228	286	13 930	325	15 167
Heifers and heifer calves	372	10 249	(NA)	(NA)	311	9 797	318	10 371
Steers, steer calves, bulls and bull calves	248	1 433	(NA)	(NA)	192	1 279	209	1 680
Sales:								
Cattle and calves	397	12 027	418	10 610	336	11 721	357	10 368
$1,000	(X)	2 312	(X)	(NA)	(X)	2 247	(X)	1 204
Calves	336	8 071	(NA)	(NA)	295	7 906	321	7 236
$1,000	(X)	614	(X)	(NA)	(X)	600	(X)	256
Cattle	349	3 956	(NA)	(NA)	298	3 815	317	3 132
$1,000	(X)	1 698	(X)	(NA)	(X)	1 647	(X)	948
Fattened cattle	40	361	(NA)	(NA)	27	332	14	101
$1,000	(X)	130	(X)	(NA)	(X)	120	(X)	34
Dairy products $1,000	278	16 410	(NA)	(NA)	277	(D)	308	13 308
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	61	447	79	335	44	338	57	238
Used or to be used for breeding	21	97	(NA)	(NA)	15	73	18	92
Other hogs and pigs	55	350	(NA)	(NA)	39	265	48	146
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	23	85	25	90	15	63	19	70
Dec. 1 of preceding year and May 31	16	49	20	44	11	38	15	33
June 1 and Nov. 30	18	36	16	46	13	25	13	37
Sheep and lambs	22	425	20	642	11	130	15	547
Ewes 1 year old or older	18	262	(NA)	(NA)	7	76	11	398
Goats	5	78	(NA)	(NA)	4	(D)	2	(D)
Horses and ponies	121	902	106	435	71	704	81	381
Sales:								
Hogs and pigs	28	511	27	537	15	382	19	398
$1,000	(X)	31	(X)	(NA)	(X)	25	(X)	15
Feeder pigs	12	298	9	245	7	211	5	118
$1,000	(X)	8	(X)	(NA)	(X)	6	(X)	2
Sheep and lambs	16	279	16	380	7	84	11	325
Sheep and lambs shorn	14	336	(NA)	(NA)	5	82	12	508
Pounds of wool	(X)	2 538	(X)	(NA)	(X)	668	(X)	3 882
Sheep, lambs, and wool $1,000	18	13	(NA)	(NA)	7	4	12	62
Goats	3	72	(NA)	(NA)	3	72	1	(D)
$1,000	(X)	5	(X)	(NA)	(X)	5	(X)	(Z)
Horses and ponies	20	144	13	34	11	117	7	25
$1,000	(X)	66	(X)	(NA)	(X)	60	(X)	6
POULTRY								
Inventory:								
Any poultry	84	(X)	87	(X)	54	(X)	61	(X)
Chickens 3 months old or older	72	10 418	80	13 470	49	9 952	56	12 871
Hens and pullets of laying age	72	10 379	78	13 356	49	(D)	54	(D)
Pullets 3 months old or older	5	39	(NA)	(NA)	4	(D)	2	(D)
Pullet chicks and pullets under 3 months old	3	40	(NA)	(NA)	1	(D)	1	(D)
Broilers and other meat-type chickens	15	324	12	489	11	276	9	285
Turkeys	10	61	(NA)	(NA)	5	38	6	66
Turkeys for slaughter	9	(D)	(NA)	(NA)	4	(D)	5	61
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	2	(D)	3	5
Other poultry	27	(X)	(NA)	(X)	17	(X)	6	(X)
Sales:								
Any poultry	19	(X)	24	(X)	16	(X)	18	(X)
Chickens 3 months old or older	8	(D)	20	6 530	8	(D)	16	6 492
Hens and pullets of laying age	8	(D)	19	6 490	8	(D)	16	6 469
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	6	(D)	4	100	6	(D)	2	(D)
Turkeys	4	(D)	(NA)	(NA)	3	(D)	–	–
Turkeys for slaughter	3	(D)	(NA)	(NA)	3	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	–	–
Other poultry	5	(X)	(NA)	(X)	4	(X)	–	(X)
Poultry and poultry products $1,000	32	121	33	132	25	121	23	129

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	251	10 139	(X)	–	–	236	10 009	(X)	–	–
	1974	260	9 752	(X)	(NA)	(NA)	250	9 691	(X)	1	(D)
For grain or seed (bushels)	1978	21	(D)	67 736	–	–	19	(D)	(D)	–	–
	1974	23	627	55 545	(NA)	(NA)	21	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	239	9 299	124 205	–	–	227	(D)	123 044	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	244	8 921	119 060	1	(D)
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	(D)	(X)	–	–
Sorghums for all purposes	1978	8	66	(X)	–	–	8	66	(X)	–	–
	1974	11	179	(X)	(NA)	(NA)	11	179	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	8	66	281	–	–	8	66	281	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	(D)	(D)	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
Oats for grain (bushels)	1978	6	144	8 240	–	–	4	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	7	280	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	14	36	2 708	1	(D)	11	34	2 588	1	(D)
	1974	31	83	12 644	(NA)	(NA)	23	73	12 160	1	(D)
Sweetpotatoes (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	463	41 132	68 781	–	–	357	38 188	65 088	–	–
	1974	443	36 258	64 825	(NA)	(NA)	362	33 916	62 387	–	–
Alfalfa hay (tons, dry)	1978	217	10 191	20 810	–	–	191	9 745	20 184	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	200	9 003	19 363	–	–
Other tame dry hay (tons, dry) (see text)	1978	325	20 194	34 093	–	–	261	18 621	31 741	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	386	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
All vegetables harvested for sale (see text)	1978	21	154	(X)	1	(D)	14	143	(X)	1	(D)
	1974	25	154	(X)	(NA)	(NA)	16	138	(X)	1	(D)
Sweet corn	1978	15	114	(X)	1	(D)	10	107	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	13	107	(X)	1	–
Tomatoes	1978	8	5	(X)	1	(D)	6	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	6	(X)	1	–
Green peas excluding cowpeas	1978	5	(D)	(X)	1	(D)	5	4	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	3	(X)	1	–
Land in orchards	1978	11	409	(X)	–	–	9	(D)	(X)	–	–
	1974	13	873	(X)	(NA)	(NA)	9	813	(X)	–	–
Apples (pounds)	1978	11	409	5 257 230	(NA)	(NA)	9	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	813	4 597 842	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	11	7	(X)	3	3	6	6	(X)	3	3
	1974	6	6	(X)	(NA)	(NA)	4	(D)	(X)	2	(D)
Strawberries (pounds)	1978	7	5	20 750	3	3	6	(D)	(D)	3	3
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	4	4 200	2	–
Nursery and greenhouse products	1978	13	11	(X)	1	(D)	11	(D)	(X)	1	(D)
Other crops	1978	–	–	(X)	(NA)	(NA)	–	–	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	373	81 629	360	83 818	238	64 787	232	68 609
Average size of farm	(X)	219	(X)	233	(X)	272	(X)	296
Approximate land area	(X)	452 480	(X)	452 736	(X)	452 480	(X)	452 736
Proportion in farms ... percent	(X)	18.0	(X)	18.5	(X)	14.3	(X)	15.2
Value of land and buildings:[1]								
Average per farm ... dollars	136 237	(X)	113 703	(X)	166 926	(X)	143 129	(X)
Average per acre ... dollars	(X)	693	(X)	488	(X)	670	(X)	484
Land in farms according to use:								
Total cropland	364	36 298	356	33 536	235	30 227	229	28 228
Harvested cropland	348	23 847	336	22 393	230	20 478	225	19 868
By acres harvested:								
1 to 9 acres	31	96	30	(NA)	16	42	11	(NA)
10 to 19 acres	45	604	31	(NA)	9	135	6	(NA)
20 to 29 acres	34	808	41	(NA)	16	402	10	(NA)
30 to 49 acres	56	2 088	67	(NA)	28	1 054	36	(NA)
50 to 99 acres	97	6 580	88	(NA)	79	5 508	83	(NA)
100 to 199 acres	67	8 759	65	(NA)	64	8 425	65	(NA)
200 to 499 acres	17	(D)	13	(NA)	17	(D)	13	(NA)
500 to 999 acres	1	(D)	1	(NA)	1	(D)	1	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	234	11 567	237	9 683	157	9 292	144	7 411
Other cropland	50	884	60	1 460	32	457	33	949
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	17	189	(NA)	(NA)	10	60	10	413
Cropland on which all crops failed	9	61	(NA)	(NA)	6	52	7	41
Cropland in cultivated summer fallow	6	55	(NA)	(NA)	6	55	7	235
Cropland idle	30	579	(NA)	(NA)	18	290	13	260
Total woodland	304	36 509	297	39 267	198	27 429	197	31 213
Woodland pastured	107	5 697	(NA)	(NA)	81	4 996	110	9 154
Woodland not pastured	272	30 812	(NA)	(NA)	178	22 433	166	22 059
Other land	249	8 822	259	11 015	156	7 131	177	9 168
Pastureland and rangeland, other than cropland and woodland pastured	98	6 126	(NA)	(NA)	71	5 351	93	6 688
Land in house lots, ponds, roads, wasteland, etc	219	2 696	(NA)	(NA)	134	1 780	145	2 480
Pastureland, all types	304	23 390	(NA)	(NA)	206	19 639	(NA)	23 253
Irrigated land	7	14	1	(D)	6	(D)	1	(D)
Harvested cropland irrigated	7	14	(NA)	(NA)	6	(D)	1	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	8	59	(X)	(X)	8	59	(X)	(X)

[1]1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	373	10 613	360	8 465	238	10 472	232	8 316
Average per farm ... dollars	(X)	28 454	(X)	23 514	(X)	43 999	(X)	35 845
Farms by value of agricultural products sold:[1]								
$100,000 or more	16	2 767	13	(NA)	16	2 767	13	(NA)
$40,000 to $99,999	84	5 546	72	(NA)	84	5 546	72	(NA)
$20,000 to $39,999	46	1 368	49	(NA)	46	1 368	49	(NA)
$10,000 to $19,999	30	444	36	(NA)	30	444	36	(NA)
$5,000 to $9,999	33	243	20	(NA)	33	243	20	(NA)
$2,500 to $4,999	29	102	34	(NA)	29	102	34	(NA)
Less than $2,500 (see text)	134	(D)	136	(NA)	(X)	(X)	8	(NA)
$2,000 to $2,499	13	29	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	22	38	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	40	49	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	59	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	–	(NA)	(X)	(X)	(X)	(X)
Crops	134	751	154	614	79	697	(NA)	531
Grains	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	105	374	(NA)	(NA)	61	327	62	294
Vegetables, sweet corn, and melons	15	72	(NA)	(NA)	13	(D)	11	52
Fruits, nuts, and berries	11	31	(NA)	(NA)	5	30	8	56
Nursery and greenhouse products	16	263	16	121	13	259	13	118
Other crops	7	(D)	(NA)	(NA)	4	(D)	6	6
Livestock, poultry, and their products	291	9 862	282	7 657	201	9 775	198	7 596
Poultry and poultry products	40	273	32	279	21	269	20	278
Dairy products	163	8 436	(NA)	(NA)	158	8 434	152	6 678
Cattle and calves	250	1 022	(NA)	(NA)	189	966	191	619
Hogs and pigs	38	75	(NA)	(NA)	18	66	6	3
Sheep, lambs, and wool	29	20	(NA)	(NA)	12	13	9	4
Other livestock and livestock products (see text)	34	37	(NA)	(NA)	14	26	11	14

[1]1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	373	360	81 629	348	79 102	23 847	7	658	56	14
Farms with—										
1 to 9 acres	10	11	30	8	20	8	1	(D)	(D)	(D)
10 to 49 acres	47	34	1 228	36	957	451	4	90	22	6
50 to 69 acres	19	15	1 100	16	928	325	–	–	–	–
70 to 99 acres	16	27	1 385	15	1 312	460	–	–	–	–
100 to 139 acres	52	36	6 135	51	6 023	2 230	–	–	–	–
140 to 179 acres	43	34	6 942	42	6 797	2 030	1	(D)	(D)	(D)
180 to 219 acres	39	47	7 678	38	7 498	2 412	–	–	–	–
220 to 259 acres	41	43	9 835	41	9 835	2 819	–	–	–	–
260 to 499 acres	76	82	26 823	71	25 259	8 148	1	(D)	(D)	(D)
500 to 999 acres	30	29	20 473	30	20 473	4 964	–	–	–	–
1,000 to 1,999 acres	–	2	–	–	–	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	373	81 629	360	83 818	238	64 787	232	68 609
Harvested cropland	348	23 847	336	22 393	230	20 478	225	19 868
Tenure of operator:								
Full owners	208	34 541	227	42 899	98	20 158	117	29 310
Harvested cropland	189	7 736	(NA)	9 086	94	5 118	(NA)	6 835
Part owners	141	40 865	115	36 904	120	38 816	101	35 655
Harvested cropland	136	13 978	(NA)	12 159	117	13 317	(NA)	11 915
Tenants	24	6 223	18	4 015	20	5 813	14	3 644
Harvested cropland	23	2 133	(NA)	1 148	19	2 043	(NA)	1 118
Type of organization:								
Individual or family	336	71 079	(NA)	(NA)	209	56 250	206	59 608
Partnership	28	7 922	(NA)	(NA)	21	6 589	24	(D)
Corporation	7	(D)	(NA)	(NA)	7	(D)	2	(D)
Other—cooperative, estate or trust, institutional, etc.	2	(D)	(NA)	(NA)	1	(D)	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	210	210	180	182
Other	163	148	58	48
Operators by age group:				
Under 25 years	4	4	3	4
25 to 34 years	44	26	30	16
35 to 44 years	84	76	47	44
45 to 54 years	92	94	67	62
55 to 64 years	84	79	61	56
65 years and over	65	79	30	48
Average age	50.5	52.2	50.2	52.1

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	322	302	208	191
Not on farm operated	26	33	16	20
Not reported	25	23	14	19
Operators reporting days of work off farm:				
None	173	142	139	119
1 to 49 days	30	30	27	24
50 to 99 days	10	5	5	5
100 to 149 days	14	16	9	4
150 to 199 days	12	18	2	5
200 days or more	126	108	48	42

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	197	649	166	387	114	597	96	353
Feed for livestock and poultry	296	3 170	296	2 967	198	3 087	205	2 903
Commercially mixed formula feeds	238	2 586	268	2 766	172	2 536	204	2 731
Animal health costs	271	153	(NA)	(NA)	195	138	162	74
Seeds, bulbs, plants, and trees	195	152	191	59	165	150	154	55
Commercial fertilizer	249	421	205	294	199	396	152	285
Other agricultural chemicals including lime	192	91	151	61	164	85	123	60
Hired farm labor	170	924	156	598	133	896	133	591
Contract labor	11	8	9	8	7	8	9	8
Customwork, machine hire, and rental of machinery and equipment	112	63	93	71	76	44	71	68
Energy and petroleum products	370	628	(NA)	(NA)	238	590	(NA)	(NA)
Petroleum products	370	371	350	284	238	347	232	266
Gasoline	364	193	(NA)	(NA)	232	173	227	148
Diesel fuel	177	110	(NA)	(NA)	177	110	130	68
LP gas, butane, and propane	33	14	(NA)	(NA)	33	14	32	10
Fuel oil	18	17	(NA)	(NA)	18	17		
Natural gas	–	–	(NA)	(NA)	–	–	232	40
Kerosene, motor oil, and grease	370	36	(NA)	(NA)	238	33		
Electricity	314	237	(NA)	(NA)	211	223	(NA)	(NA)
Other—coal, wood, coke, etc.	16	20	(NA)	(NA)	16	20	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	242	14 180	192	13 261	155	9 954
Cropland fertilized, except pasture	230	11 576	186	10 862	(NA)	8 259
Pasture and rangeland fertilized	93	2 604	77	2 399	(NA)	1 695
Lime	125	3 084	102	2 918	67	1 776
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	42	724	29	625	(NA)	841
Nematodes in crops	8	311	8	311	–	–
Diseases in crops and orchards	15	43	11	27	2	(D)
Weeds, grass, or brush in crops and pasture	152	4 196	133	3 930	(NA)	2 080
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	4	4	4	4	1	(D)
Insect control on livestock and poultry	124	(X)	109	(X)	29	(X)
Sanitation and rodent and bird control	69	(X)	60	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	370	349	238	227
$1,000	9 220	6 665	8 212	5 658
Average per farm — dollars	24 920	19 097	34 504	24 925
Farms by value group:				
$1 to $4,999	48	59	8	18
$5,000 to $9,999	103	91	24	40
$10,000 to $19,999	56	77	49	57

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	27	50	26	42
$30,000 to $49,999	86	46	86	44
$50,000 to $69,999	33	13	28	13
$70,000 to $99,999	8	13	8	13
$100,000 to $199,999	9		9	
$200,000 or more	–		–	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	246	293	121	140	133	153	266	354	215
Motortrucks including pickups	292	373	146	155	176	218	244	326	135
Wheel tractors	348	710	84	112	319	598	317	685	148
Grain and bean combines, self-propelled only	–	–	–	–	–	–	4	4	–
Corn heads for combines	13	13	8	8	5	5	6	7	–
Other cornpickers and picker-shellers	12	16	8	8	8	8	9	9	4
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	165	168	82	84	84	84	109	120	66
Pickup balers	200	215	54	59	152	156	225	232	71
Field forage harvesters, shear bar or flywheel type	102	125	48	49	59	76	89	106	40

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Forms	170	96	(X)	112	(X)	133	133
Workers	670	(X)	183	(X)	487	546	666
Farms with—							
1 worker	46	51	51	14	14	35	32
2 workers	41	26	52	34	68	20	30
3 or 4 workers	35	15	54	32	110	34	28
5 to 9 workers	30	3	(D)	18	122	30	27
10 workers or more	18	1	(D)	14	173	14	16

Table 9. **Livestock and Poultry—Inventory and Sales: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	312	(X)	301	(X)	206	(X)	202	(X)
Any cattle, hogs, or sheep	282	(X)	284	(X)	194	(X)	195	(X)
Sales:								
Any livestock or poultry and their products $1,000	291	9 862	282	7 657	201	9 775	198	7 596
Any cattle, hogs, or sheep $1,000	270	1 116	263	(NA)	194	1 045	192	626
CATTLE AND CALVES								
Inventory:								
Cattle and calves	264	13 527	275	15 214	188	12 739	193	14 149
Cows and heifers that had calved	248	7 962	253	8 663	182	7 566	180	8 248
Beef cows	91	655	86	738	40	326	39	477
Milk cows	195	7 307	207	7 925	164	7 240	162	7 771
Heifers and heifer calves	229	5 038	(NA)	(NA)	177	4 805	175	5 094
Steers, steer calves, bulls and bull calves	145	527	(NA)	(NA)	92	368	102	807
Sales:								
Cattle and calves	250	5 791	256	6 038	189	5 476	191	5 638
$1,000	(X)	1 022	(X)	(NA)	(X)	966	(X)	619
Calves	192	3 555	(NA)	(NA)	159	3 364	169	4 007
$1,000	(X)	164	(X)	(NA)	(X)	148	(X)	140
Cattle	223	2 236	(NA)	(NA)	176	2 112	161	1 631
$1,000	(X)	857	(X)	(NA)	(X)	818	(X)	479
Fattened cattle	20	86	(NA)	(NA)	10	74	12	127
$1,000	(X)	33	(X)	(NA)	(X)	29	(X)	28
Dairy products $1,000	163	8 436	(NA)	(NA)	158	8 434	152	6 678
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	65	671	47	198	30	517	21	104
Used or to be used for breeding	26	181	(NA)	(NA)	14	155	6	14
Other hogs and pigs	59	490	(NA)	(NA)	27	362	20	90
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	28	204	14	31	16	168	6	15
Dec. 1 of preceding year and May 31	22	108	9	17	13	87	2	(D)
June 1 and Nov. 30	17	96	8	14	9	81	6	(D)
Sheep and lambs	33	578	28	431	12	281	9	205
Ewes 1 year old or older	32	398	(NA)	(NA)	12	197	8	133
Goats	5	40	(NA)	(NA)	2	(D)	1	(D)
Horses and ponies	97	370	88	306	47	141	51	217
Sales:								
Hogs and pigs	38	1 426	12	158	18	1 254	6	91
$1,000	(X)	75	(X)	(NA)	(X)	66	(X)	3
Feeder pigs	12	1 026	3	95	6	934	2	(D)
$1,000	(X)	34	(X)	(NA)	(X)	32	(X)	(D)
Sheep and lambs	27	318	14	273	11	214	8	155
Sheep and lambs shorn	29	480	(NA)	(NA)	12	264	7	168
Pounds of wool	(X)	3 867	(X)	(NA)	(X)	2 066	(X)	1 252
Sheep, lambs, and wool $1,000	29	20	(NA)	(NA)	12	13	9	4
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	25	62	9	19	13	34	9	19
$1,000	(X)	35	(X)	(NA)	(X)	25	(X)	13
POULTRY								
Inventory:								
Any poultry	81	(X)	68	(X)	47	(X)	34	(X)
Chickens 3 months old or older	71	24 676	66	28 478	40	23 950	32	27 809
Hens and pullets of laying age	70	24 598	64	28 346	40	23 923	31	27 718
Pullets 3 months old or older	10	78	(NA)	(NA)	3	27	–	–
Pullet chicks and pullets under 3 months old	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Broilers and other meat-type chickens	16	589	7	675	6	266	–	–
Turkeys	6	597	(NA)	(NA)	2	(D)	1	(D)
Turkeys for slaughter	5	(D)	(NA)	(NA)	1	(D)	1	(D)
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	28	(X)	(NA)	(X)	13	(X)	3	(X)
Sales:								
Any poultry	22	(X)	21	(X)	12	(X)	10	(X)
Chickens 3 months old or older	14	(D)	16	23 749	9	(D)	7	23 493
Hens and pullets of laying age	14	(D)	16	23 712	9	(D)	7	23 456
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	5	260	3	285	1	(D)	1	(D)
Turkeys	3	(D)	(NA)	(NA)	1	(D)	2	(D)
Turkeys for slaughter	3	(D)	(NA)	(NA)	1	(D)	2	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	4	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products $1,000	40	273	32	279	21	269	20	278

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	101	3 039	(X)	–	–	93	3 014	(X)	–	–
	1974	94	3 093	(X)	(NA)	(NA)	88	3 026	(X)	–	–
For grain or seed (bushels)	1978	5	(D)	(D)	–	–	3	(D)	(D)	–	–
	1974	8	127	7 295	(NA)	(NA)	4	67	4 895	–	–
For silage or green chop (tons, green)	1978	98	2 952	47 528	–	–	91	(D)	47 389	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	85	2 959	50 569	–	–
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	3	5	117	(NA)	(NA)	2	(D)	(D)	–	–
Oats for grain (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	39	1 140	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	10	9	2 236	–	–	7	6	(D)	–	–
	1974	14	15	2 959	(NA)	(NA)	10	9	2 577	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	325	22 055	38 333	–	–	213	18 654	34 456	–	–
	1974	301	19 768	35 832	(NA)	(NA)	205	17 317	32 553	–	–
Alfalfa hay (tons, dry)	1978	99	3 800	7 938	–	–	78	3 410	7 405	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	68	2 901	6 779	–	–
Other tame dry hay (tons, dry) (see text)	1978	220	12 547	22 277	–	–	159	10 825	20 178	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
All vegetables harvested for sale (see text)	1978	15	80	(X)	4	9	13	(D)	(X)	3	(D)
	1974	14	141	(X)	(NA)	(NA)	11	137	(X)	1	(D)
Sweet corn	1978	12	44	(X)	1	(D)	10	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	106	(X)	1	(D)
Tomatoes	1978	6	3	(X)	2	(D)	5	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	1	(X)	1	(D)
Green peas excluding cowpeas	1978	5	3	(X)	–	–	3	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	2	(X)	1	(D)
Land in orchards	1978	9	42	(X)	1	(D)	3	(D)	(X)	1	(D)
	1974	9	85	(X)	(NA)	(NA)	8	(D)	(X)	–	–
Apples (pounds)	1978	9	40	134 300	(NA)	(NA)	3	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	84	649 350	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	9	4	(X)	3	3	5	4	(X)	3	3
	1974	4	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Strawberries (pounds)	1978	8	4	17 905	3	(D)	4	3	(D)	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Nursery and greenhouse products	1978	16	2	(X)	2	(D)	13	2	(X)	2	(D)
Other crops	1978	–	–	(X)	(NA)	(NA)	–	–	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	271	64 513	280	68 747	176	48 232	164	50 771
Average size of farm	(X)	238	(X)	246	(X)	274	(X)	310
Approximate land area	(X)	501 760	(X)	501 760	(X)	501 760	(X)	501 760
Proportion in farms ... percent	(X)	12.9	(X)	13.7	(X)	9.6	(X)	10.1
Value of land and buildings:[1]								
Average per farm ... dollars	209 859	(X)	140 975	(X)	237 369	(X)	176 165	(X)
Average per acre ... dollars	(X)	886	(X)	574	(X)	860	(X)	569
Land in farms according to use:								
Total cropland	261	26 095	263	23 867	170	20 800	159	19 134
Harvested cropland	250	17 243	244	15 613	164	14 504	155	13 403
By acres harvested:								
1 to 9 acres	30	103	32	(NA)	19	60	16	(NA)
10 to 19 acres	40	549	34	(NA)	13	183	10	(NA)
20 to 29 acres	25	572	44	(NA)	8	175	13	(NA)
30 to 49 acres	46	1 673	28	(NA)	29	1 067	16	(NA)
50 to 99 acres	55	3 682	60	(NA)	44	3 024	55	(NA)
100 to 199 acres	32	4 223	30	(NA)	30	(D)	30	(NA)
200 to 499 acres	21	(D)	14	(NA)	20	(D)	13	(NA)
500 to 999 acres	1	(D)	2	(NA)	1	(D)	2	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	158	7 874	183	7 443	101	5 658	100	5 072
Other cropland	53	978	39	811	27	638	23	659
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	23	176	(NA)	(NA)	15	131	8	(D)
Cropland on which all crops failed	4	(D)	(NA)	(NA)	–	–	2	(D)
Cropland in cultivated summer fallow	9	(D)	(NA)	(NA)	5	287	7	340
Cropland idle	24	457	(NA)	(NA)	11	220	11	180
Total woodland	213	33 826	219	39 223	140	24 345	128	27 851
Woodland pastured	80	5 736	(NA)	(NA)	54	3 951	55	4 179
Woodland not pastured	190	28 090	(NA)	(NA)	128	20 394	121	23 672
Other land	164	4 592	206	5 657	105	3 087	120	3 786
Pastureland and rangeland, other than cropland and woodland pastured	56	2 576	(NA)	(NA)	37	1 873	51	2 109
Land in house lots, ponds, roads, wasteland, etc	147	2 016	(NA)	(NA)	96	1 214	106	1 677
Pastureland, all types	204	16 186	(NA)	(NA)	130	11 482	(NA)	11 360
Irrigated land	9	102	6	30	8	(D)	6	30
Harvested cropland irrigated	9	102	(NA)	(NA)	8	(D)	6	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	1	(D)
Land set aside in the federal farm programs in 1978	2	(D)	(X)	(X)	2	(D)	(X)	(X)

[1]1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	271	10 519	280	7 529	176	10 196	164	7 205
Average per farm ... dollars	(X)	38 816	(X)	26 889	(X)	57 933	(X)	43 933
Farms by value of agricultural products sold:[1]								
$100,000 or more	23	5 877	17	(NA)	23	5 877	17	(NA)
$40,000 to $99,999	49	3 146	39	(NA)	49	3 146	39	(NA)
$20,000 to $39,999	16	490	33	(NA)	16	490	33	(NA)
$10,000 to $19,999	26	369	26	(NA)	26	369	26	(NA)
$5,000 to $9,999	26	186	18	(NA)	26	186	18	(NA)
$2,500 to $4,999	36	128	29	(NA)	36	128	29	(NA)
Less than $2,500 (see text)	92	100	115	(NA)	(X)	(X)	2	(NA)
$2,000 to $2,499	13	28	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	19	33	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	21	25	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	39	13	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	3	223	3	(NA)	(X)	(X)	(X)	(X)
Crops	111	2 385	138	1 540	81	2 343	(NA)	1 496
Grains	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	64	243	(NA)	(NA)	41	218	48	265
Vegetables, sweet corn, and melons	20	213	(NA)	(NA)	15	201	8	115
Fruits, nuts, and berries	27	1 616	(NA)	(NA)	25	(D)	21	985
Nursery and greenhouse products	20	292	17	123	18	(D)	15	(D)
Other crops	10	21	(NA)	(NA)	8	(D)	5	(D)
Livestock, poultry, and their products	198	8 134	203	5 772	131	7 853	126	5 528
Poultry and poultry products	28	(D)	23	184	15	(D)	11	180
Dairy products	92	6 829	(NA)	(NA)	83	6 637	88	4 743
Cattle and calves	169	900	(NA)	(NA)	116	834	118	574
Hogs and pigs	24	20	(NA)	(NA)	12	16	10	6
Sheep, lambs, and wool	20	10	(NA)	(NA)	6	6	5	11
Other livestock and livestock products (see text)	21	(D)	(NA)	(NA)	13	(D)	8	15

[1]1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	271	280	64 513	250	63 341	17 243	9	1 006	241	102
Farms with—										
1 to 9 acres	18	21	59	11	33	18	2	(D)	(D)	(D)
10 to 49 acres	33	43	979	30	924	439	4	73	49	46
50 to 69 acres	17	12	948	13	722	355	–	–	–	–
70 to 99 acres	27	19	2 183	23	1 818	632	–	–	–	–
100 to 139 acres	35	24	4 043	33	3 843	1 455	–	–	–	–
140 to 179 acres	20	18	3 219	20	3 219	898	1	(D)	(D)	(D)
180 to 219 acres	18	17	3 541	18	3 541	999	1	(D)	(D)	(D)
220 to 259 acres	12	19	2 901	12	2 901	667	–	–	–	–
260 to 499 acres	56	77	20 459	55	20 159	5 688	–	–	–	–
500 to 999 acres	29	23	17 932	29	17 932	4 851	1	(D)	(D)	(D)
1,000 to 1,999 acres	6	7	8 249	6	8 249	1 241	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All forms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Forms	Acres	Forms	Acres	Forms	Acres	Forms	Acres
Land in farms	271	64 513	280	68 747	176	48 232	164	50 771
Harvested cropland	250	17 243	244	15 613	164	14 504	155	13 403
Tenure of operator:								
Full owners	142	25 778	149	26 079	74	14 398	60	11 780
Harvested cropland	123	4 016	(NA)	3 498	63	2 348	(NA)	1 916
Part owners	107	34 735	119	40 574	83	30 061	92	36 897
Harvested cropland	107	11 707	(NA)	11 653	83	(D)	(NA)	11 025
Tenants	22	4 000	12	2 094	19	3 773	12	2 094
Harvested cropland	20	1 520	(NA)	462	18	(D)	(NA)	462
Type of organization:								
Individual or family	226	49 322	(NA)	(NA)	137	36 399	140	43 993
Partnership	30	9 072	(NA)	(NA)	29	(D)	19	5 976
Corporation	10	2 762	(NA)	(NA)	9	(D)	5	802
Other—cooperative, estate or trust, institutional, etc.	5	3 357	(NA)	(NA)	1	(D)	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	155	165	126	128
Other	116	107	50	31
Operators by age group:				
Under 25 years	2	5	2	4
25 to 34 years	38	14	24	7
35 to 44 years	43	75	30	39
45 to 54 years	69	64	40	43
55 to 64 years	67	69	51	42
65 years and over	52	45	29	24
Average age	51.7	52.0	51.3	52.4

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	231	216	148	135
Not on farm operated	28	17	22	11
Not reported	12	39	6	13
Operators reporting days of work off farm:				
None	114	87	93	69
1 to 49 days	30	27	19	17
50 to 99 days	12	20	10	7
100 to 149 days	10	12	6	10
150 to 199 days	15	18	8	5
200 days or more	83	79	37	25

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	100	470	93	221	74	424	63	212
Feed for livestock and poultry	177	2 562	220	2 183	131	2 449	126	2 072
Commercially mixed formula feeds	116	1 799	173	2 005	98	1 752	123	1 924
Animal health costs	152	117	(NA)	(NA)	114	107	105	79
Seeds, bulbs, plants, and trees	132	287	160	72	110	281	110	68
Commercial fertilizer	154	415	197	283	131	400	134	267
Other agricultural chemicals including lime	144	165	122	113	102	154	94	108
Hired farm labor	134	1 653	151	985	113	1 497	120	920
Contract labor	9	35	15	68	8	(D)	8	66
Customwork, machine hire, and rental of machinery and equipment	84	138	71	69	77	137	54	66
Energy and petroleum products	266	629	(NA)	(NA)	180	584	(NA)	(NA)
Petroleum products	266	426	278	270	180	392	164	237
Gasoline	261	261	(NA)	(NA)	175	242	164	170
Diesel fuel	109	81	(NA)	(NA)	95	79	67	32
LP gas, butane, and propane	16	5	(NA)	(NA)	10	3	12	5
Fuel oil	34	46	(NA)	(NA)	26	37		
Natural gas	–	–	(NA)	(NA)	–	–	164	31
Kerosene, motor oil, and grease	266	33	(NA)	(NA)	180	31		
Electricity	161	190	(NA)	(NA)	122	183	(NA)	(NA)
Other—coal, wood, coke, etc.	38	13	(NA)	(NA)	27	10	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of forms; see text]

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	153	13 255	131	12 493	134	9 201
Cropland fertilized, except pasture	152	11 307	130	10 650	(NA)	7 712
Pasture and rangeland fertilized	71	1 948	65	1 843	(NA)	1 489
Lime	94	3 631	74	3 428	45	1 304
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	47	1 533	27	1 343	(NA)	1 659
Nematodes in crops	25	560	15	455	1	(D)
Diseases in crops and orchards	25	1 364	14	1 283	15	790
Weeds, grass, or brush in crops and pasture	70	2 758	58	2 599	(NA)	1 959
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	2	(D)	2	(D)	6	60
Insect control on livestock and poultry	74	(X)	52	(X)	17	(X)
Sanitation and rodent and bird control	56	(X)	38	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	271	280	185	164
$1,000	7 937	5 148	7 007	3 950
Average per farm — dollars	29 287	18 386	37 877	24 085
Farms by value group:				
$1 to $4,999	28	41	18	15
$5,000 to $9,999	68	66	17	25
$10,000 to $19,999	38	79	28	44

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	55	38	42	30
$30,000 to $49,999	37	39	36	34
$50,000 to $69,999	20	9	19	9
$70,000 to $99,999	12		12	
$100,000 to $199,999	9	8	9	7
$200,000 or more	4		4	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	156	238	111	147	72	91	225	320	191
Motortrucks including pickups	195	380	101	140	137	240	237	384	157
Wheel tractors	245	579	77	122	221	457	241	535	126
Grain and bean combines, self-propelled only	–	–	–	–	–	–	–	–	–
Corn heads for combines	1	(D)	–	–	1	(D)	6	6	–
Other cornpickers and picker-shellers	1	(D)	1	(D)	–	–	4	4	1
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	92	105	29	30	64	75	81	86	54
Pickup balers	155	165	37	38	125	127	148	154	39
Field forage harvesters, shear bar or flywheel type	88	118	26	33	68	85	78	99	24

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Forms	Workers	Forms	Workers	1978	1974
Forms	134	71	(X)	116	(X)	113	120
Workers	805	(X)	211	(X)	594	736	1 223
Forms with—							
1 worker	31	24	24	32	32	21	26
2 workers	12	17	34	10	20	10	19
3 or 4 workers	32	19	62	42	156	31	24
5 to 9 workers	49	9	(D)	27	153	42	26
10 workers or more	10	2	(D)	5	233	9	25

Table 9. Livestock and Poultry—Inventory and Sales: 1978 and 1974

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	215	(X)	224	(X)	133	(X)	127	(X)
Any cattle, hogs, or sheep	191	(X)	210	(X)	121	(X)	119	(X)
Sales:								
Any livestock or poultry and their products $1,000	198	8 134	203	5 772	131	7 853	126	5 528
Any cattle, hogs, or sheep $1,000	180	931	183	(NA)	120	855	121	591
CATTLE AND CALVES								
Inventory:								
Cattle and calves	178	10 478	199	10 255	115	9 497	116	9 074
Cows and heifers that had calved	164	6 143	177	6 172	108	5 738	109	5 574
Beef cows	80	613	83	809	39	397	28	412
Milk cows	112	5 530	134	5 363	88	5 341	102	5 162
Heifers and heifer calves	155	3 782	(NA)	(NA)	104	3 381	104	3 005
Steers, steer calves, bulls and bull calves	130	553	(NA)	(NA)	80	378	81	495
Sales:								
Cattle and calves	169	4 912	173	4 491	116	4 596	118	4 125
$1,000	(X)	900	(X)	(NA)	(X)	834	(X)	574
Calves	129	3 180	(NA)	(NA)	95	2 979	90	2 656
$1,000	(X)	182	(X)	(NA)	(X)	160	(X)	73
Cattle	152	1 732	(NA)	(NA)	107	1 617	108	1 469
$1,000	(X)	718	(X)	(NA)	(X)	674	(X)	501
Fattened cattle	25	163	(NA)	(NA)	13	146	5	19
$1,000	(X)	64	(X)	(NA)	(X)	58	(X)	9
Dairy products $1,000	92	6 829	(NA)	(NA)	83	6 637	88	4 743
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	47	240	49	225	22	142	19	108
Used or to be used for breeding	13	36	(NA)	(NA)	8	25	10	20
Other hogs and pigs	43	204	(NA)	(NA)	19	117	17	88
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	14	43	17	41	8	28	10	18
Dec. 1 of preceding year and May 31	14	28	11	16	8	17	4	5
June 1 and Nov. 30	8	15	16	25	5	11	9	13
Sheep and lambs	22	278	19	465	7	67	10	336
Ewes 1 year old or older	19	164	(NA)	(NA)	5	37	8	212
Goats	7	39	(NA)	(NA)	–	–	2	(D)
Horses and ponies	69	317	70	318	35	174	36	202
Sales:								
Hogs and pigs	24	386	16	197	12	275	10	105
$1,000	(X)	20	(X)	(NA)	(X)	16	(X)	6
Feeder pigs	9	216	7	137	6	169	6	(D)
$1,000	(X)	6	(X)	(NA)	(X)	5	(X)	1
Sheep and lambs	13	239	7	250	5	135	5	(D)
Sheep and lambs shorn	18	249	(NA)	(NA)	5	94	5	(D)
Pounds of wool	(X)	1 751	(X)	(NA)	(X)	628	(X)	1 830
Sheep, lambs, and wool $1,000	20	10	(NA)	(NA)	6	6	5	11
Goats	2	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	11	30	11	33	8	24	6	21
$1,000	(X)	75	(X)	(NA)	(X)	70	(X)	14
POULTRY								
Inventory:								
Any poultry	62	(X)	47	(X)	30	(X)	22	(X)
Chickens 3 months old or older	53	17 125	47	16 738	26	(D)	22	15 659
Hens and pullets of laying age	52	17 053	47	15 643	25	(D)	22	(D)
Pullets 3 months old or older	4	72	(NA)	(NA)	1	(D)	1	(D)
Pullet chicks and pullets under 3 months old	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Broilers and other meat-type chickens	6	239	2	(D)	3	115	–	–
Turkeys	8	50	(NA)	(NA)	3	8	–	–
Turkeys for slaughter	6	47	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	3	3	(NA)	(NA)	1	(D)	–	–
Other poultry	17	(X)	(NA)	(X)	6	(X)	1	(X)
Sales:								
Any poultry	18	(X)	12	(X)	10	(X)	7	(X)
Chickens 3 months old or older	7	(D)	10	7 144	4	(D)	5	6 691
Hens and pullets of laying age	7	(D)	8	7 093	4	(D)	4	6 690
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	2	(D)	2	(D)	1	(D)	2	(D)
Turkeys	2	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	2	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	5	(X)	(NA)	(X)	3	(X)	1	(X)
Poultry and poultry products $1,000	28	(D)	23	184	15	(D)	11	180

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	76	3 880	(X)	–	–	63	3 731	(X)	–	–
	1974	73	3 097	(X)	(NA)	(NA)	67	3 021	(X)	–	–
For grain or seed (bushels)	1978	6	23	1 950	–	–	1	(D)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	72	3 857	74 486	–	–	62	(D)	72 673	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	66	(D)	56 027	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sorghums for all purposes	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Oats for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	13	67	5 780	–	–	11	(D)	(D)	–	–
	1974	11	14	1 429	(NA)	(NA)	6	13	1 333	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	208	12 910	21 370	–	–	129	10 341	18 349	–	–
	1974	203	11 700	21 314	(NA)	(NA)	123	9 665	18 728	–	–
Alfalfa hay (tons, dry)	1978	71	2 485	4 721	–	–	56	1 871	4 047	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	58	2 300	5 212	–	–
Other tame dry hay (tons, dry) (see text)	1978	150	7 398	12 484	–	–	96	6 120	10 852	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
All vegetables harvested for sale (see text)	1978	20	273	(X)	2	(D)	15	261	(X)	2	(D)
	1974	20	209	(X)	(NA)	(NA)	10	171	(X)	1	(D)
Sweet corn	1978	12	144	(X)	–	–	10	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	100	(X)	1	–
Tomatoes	1978	9	8	(X)	–	–	6	6	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	2	(X)	1	–
Green peas excluding cowpeas	1978	6	10	(X)	–	–	5	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	11	(X)	1	–
Land in orchards	1978	26	888	(X)	1	(D)	21	843	(X)	–	–
	1974	24	805	(X)	(NA)	(NA)	19	784	(X)	1	(D)
Apples (pounds)	1978	24	868	10 668 460	(NA)	(NA)	19	827	10 668 460	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	776	11 462 435	(NA)	(NA)
Peaches (pounds)	1978	6	14	(D)	(NA)	(NA)	4	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	2	(D)	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	17	61	(X)	3	38	14	59	(X)	3	38
	1974	13	25	(X)	(NA)	(NA)	7	22	(X)	3	14
Strawberries (pounds)	1978	15	40	108 865	3	29	12	39	108 154	3	29
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	15	72 400	3	11
Nursery and greenhouse products	1978	20	40	(X)	6	30	18	(D)	(X)	6	30
Other crops	1978	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	(NA)	(NA)

Table 1. **Farms, Land in Farms, and Land Use: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	521	114 173	503	111 560	303	81 320	296	84 398
Average size of farm	(X)	219	(X)	222	(X)	268	(X)	285
Approximate land area	(X)	615 680	(X)	615 680	(X)	615 680	(X)	615 680
Proportion in farms ... percent	(X)	18.5	(X)	18.1	(X)	13.2	(X)	13.7
Value of land and buildings:[1]								
Average per farm ... dollars	178 042	(X)	119 181	(X)	200 409	(X)	144 946	(X)
Average per acre ... dollars	(X)	734	(X)	537	(X)	663	(X)	508
Land in farms according to use:								
Total cropland	509	42 320	494	42 415	300	33 271	292	33 341
Harvested cropland	485	28 045	468	24 957	295	22 687	285	20 637
By acres harvested:								
1 to 9 acres	43	165	48	(NA)	19	65	15	(NA)
10 to 19 acres	55	733	65	(NA)	17	232	23	(NA)
20 to 29 acres	83	1 886	79	(NA)	36	840	34	(NA)
30 to 49 acres	118	4 328	95	(NA)	54	2 072	52	(NA)
50 to 99 acres	102	6 999	107	(NA)	88	6 087	87	(NA)
100 to 199 acres	66	8 802	60	(NA)	64	(D)	60	(NA)
200 to 499 acres	18	5 132	14	(NA)	17	(D)	14	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	324	13 040	340	15 503	196	9 879	200	11 409
Other cropland	58	1 235	82	1 955	31	705	40	1 295
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	18	335	(NA)	(NA)	9	159	12	320
Cropland on which all crops failed	4	30	(NA)	(NA)	3	(D)	4	207
Cropland in cultivated summer fallow	4	10	(NA)	(NA)	2	(D)	5	116
Cropland idle	41	860	(NA)	(NA)	21	514	24	652
Total woodland	428	59 429	426	55 733	249	38 575	252	40 571
Woodland pastured	145	10 389	(NA)	(NA)	94	6 980	134	11 801
Woodland not pastured	380	49 040	(NA)	(NA)	222	31 595	194	28 770
Other land	350	12 424	353	13 412	211	9 474	216	10 486
Pastureland and rangeland, other than cropland and woodland pastured	110	5 894	(NA)	(NA)	67	4 678	106	7 004
Land in house lots, ponds, roads, wasteland, etc	319	6 530	(NA)	(NA)	197	4 796	195	3 482
Pastureland, all types	415	29 323	(NA)	(NA)	251	21 537	(NA)	30 214
Irrigated land	5	54	4	108	5	54	4	108
Harvested cropland irrigated	5	(D)	(NA)	(NA)	5	(D)	4	(D)
Pastureland irrigated	1	(D)	(NA)	(NA)	1	(D)	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Land set aside in the federal farm programs in 1978	6	76	(X)	(X)	4	(D)	(X)	(X)

[1] 1978 data are based on a sample of farms; see text.

Table 2. **Market Value of Agricultural Products Sold: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	521	10 150	503	8 659	303	9 780	296	8 367
Average per farm ... dollars	(X)	19 482	(X)	17 215	(X)	32 277	(X)	28 267
Farms by value of agricultural products sold:[1]								
$100,000 or more	12	2 429	9	(NA)	12	2 429	9	(NA)
$40,000 to $99,999	72	4 877	64	(NA)	72	4 877	64	(NA)
$20,000 to $39,999	44	1 311	57	(NA)	44	1 311	57	(NA)
$10,000 to $19,999	38	517	60	(NA)	38	517	60	(NA)
$5,000 to $9,999	49	334	41	(NA)	49	334	41	(NA)
$2,500 to $4,999	88	312	57	(NA)	88	312	57	(NA)
Less than $2,500 (see text)	217	(D)	213	(NA)	(X)	(X)	8	(NA)
$2,000 to $2,499	39	87	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	32	55	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	59	70	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	87	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	2	(NA)	(X)	(X)	(X)	(X)
Crops	204	840	231	1 091	114	741	(NA)	994
Grains	3	(D)	(NA)	(NA)	2	(D)	2	(D)
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	164	416	(NA)	(NA)	90	331	104	474
Vegetables, sweet corn, and melons	25	62	(NA)	(NA)	18	58	14	39
Fruits, nuts, and berries	20	189	(NA)	(NA)	13	185	15	201
Nursery and greenhouse products	16	160	16	270	13	154	11	267
Other crops	8	(D)	(NA)	(NA)	3	(D)	5	8
Livestock, poultry, and their products	406	9 310	374	7 327	263	9 038	250	7 152
Poultry and poultry products	44	36	39	87	23	33	23	82
Dairy products	156	7 738	(NA)	(NA)	149	7 650	166	6 102
Cattle and calves	343	1 342	(NA)	(NA)	236	1 222	235	908
Hogs and pigs	41	67	(NA)	(NA)	23	28	25	22
Sheep, lambs, and wool	53	45	(NA)	(NA)	24	35	9	2
Other livestock and livestock products (see text)	51	83	(NA)	(NA)	33	71	22	35

[1] 1974 data include sales of forest products.

Table 3. **Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974**

	Farms		1978							
				Farms with harvested cropland			Farms with irrigated land			
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	521	503	114 173	485	111 168	28 045	5	407	55	54
Farms with—										
1 to 9 acres	22	12	91	13	60	30	–	–	–	–
10 to 49 acres	38	45	1 111	31	957	541	2	(D)	(D)	(D)
50 to 69 acres	27	21	1 590	24	1 420	665	–	–	–	–
70 to 99 acres	55	39	4 493	49	4 033	1 366	1	(D)	(D)	(D)
100 to 139 acres	75	82	8 713	74	8 575	2 224	1	(D)	(D)	(D)
140 to 179 acres	65	59	10 338	60	9 520	2 603	1	(D)	(D)	(D)
180 to 219 acres	50	59	9 982	48	9 548	2 636	–	–	–	–
220 to 259 acres	54	41	12 733	52	12 233	3 752	–	–	–	–
260 to 499 acres	97	112	34 327	96	34 027	8 096	–	–	–	–
500 to 999 acres	30	26	20 604	30	20 604	4 686	–	–	–	–
1,000 to 1,999 acres	8	7	10 191	8	10 191	1 446	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

Table 4. **Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Forms	Acres	Forms	Acres	Forms	Acres	Forms	Acres
Land in farms	521	114 173	503	111 560	303	81 320	296	84 398
Harvested cropland	485	28 045	468	24 957	295	22 687	285	20 637
Tenure of operator:								
Full owners	296	51 919	300	59 594	135	27 699	150	39 510
Harvested cropland	266	9 375	(NA)	9 102	130	6 013	(NA)	6 273
Part owners	198	57 303	181	48 477	149	49 804	134	42 066
Harvested cropland	193	17 146	(NA)	14 733	146	15 448	(NA)	13 360
Tenants	27	4 951	22	3 489	19	3 817	12	2 822
Harvested cropland	26	1 524	(NA)	1 122	19	1 226	(NA)	1 004
Type of organization:								
Individual or family	475	95 485	(NA)	(NA)	270	66 328	275	73 183
Partnership	27	10 550	(NA)	(NA)	18	8 260	11	5 574
Corporation	14	6 142	(NA)	(NA)	13	(D)	10	5 641
Other—cooperative, estate or trust, institutional, etc.	5	1 996	(NA)	(NA)	2	(D)	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	273	279	204	218
Other	248	212	99	68
Operators by age group:				
Under 25 years	12	1	7	–
25 to 34 years	51	50	32	28
35 to 44 years	80	86	50	59
45 to 54 years	147	118	85	64
55 to 64 years	125	132	74	77
65 years and over	106	104	55	58
Average age	52.4	53.6	51.8	53.2

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	449	402	265	249
Not on farm operated	37	27	18	12
Not reported	35	62	20	25
Operators reporting days of work off farm:				
None	207	157	153	117
1 to 49 days	47	47	35	33
50 to 99 days	17	22	6	12
100 to 149 days	20	19	10	11
150 to 199 days	36	33	21	18
200 days or more	184	145	72	46

[1]Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. **Selected Farm Production Expenses: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Forms	Expenses ($1,000)
Livestock and poultry purchased	281	474	187	317	164	436	104	288
Feed for livestock and poultry	437	3 169	420	2 737	277	3 027	253	2 617
Commercially mixed formula feeds	300	2 631	373	2 498	223	2 537	250	2 438
Animal health costs	380	150	(NA)	(NA)	240	131	184	90
Seeds, bulbs, plants, and trees	222	98	239	107	162	84	169	100
Commercial fertilizer	351	375	318	307	251	340	208	284
Other agricultural chemicals including lime	224	112	181	67	154	104	125	62
Hired farm labor	273	1 083	207	704	184	889	170	664
Contract labor	23	64	23	45	18	63	16	45
Customwork, machine hire, and rental of machinery and equipment	95	48	114	45	72	42	79	39
Energy and petroleum products	521	760	(NA)	(NA)	303	671	(NA)	(NA)
Petroleum products	521	521	478	396	303	454	290	352
Gasoline	516	334	(NA)	(NA)	303	284	288	246
Diesel fuel	193	85	(NA)	(NA)	153	78	132	41
LP gas, butane, and propane	68	27	(NA)	(NA)	62	26	40	10
Fuel oil	60	33	(NA)	(NA)	44	30		
Natural gas	–	–	(NA)	(NA)	–	–	290	55
Kerosene, motor oil, and grease	521	42	(NA)	(NA)	303	36		
Electricity	388	219	(NA)	(NA)	280	201	(NA)	(NA)
Other—coal, wood, coke, etc.	44	21	(NA)	(NA)	34	16	(NA)	(NA)

Table 6. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	334	14 308	249	12 617	208	10 088
Cropland fertilized, except pasture	329	13 072	249	11 846	(NA)	8 394
Pasture and rangeland fertilized	86	1 236	52	771	(NA)	1 694
Lime	150	3 461	112	3 102	61	1 739
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	42	1 232	31	1 175	(NA)	665
Nematodes in crops	10	55	–	–	–	–
Diseases in crops and orchards	45	612	29	546	4	146
Weeds, grass, or brush in crops and pasture	119	2 584	85	2 341	(NA)	1 852
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	18	702	17	(D)	–	–
Insect control on livestock and poultry	101	(X)	68	(X)	20	(X)
Sanitation and rodent and bird control	25	(X)	15	(X)	(NA)	(X)

Table 7. **Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	521	485	303	289
$1,000	13 211	8 556	10 185	6 495
Average per farm — dollars	25 357	17 641	33 613	22 474
Farms by value group:				
$1 to $4,999	32	74	8	27
$5,000 to $9,999	175	126	50	56
$10,000 to $19,999	102	123	78	63

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	74	76	54	64
$30,000 to $49,999	74	64	64	57
$50,000 to $69,999	24	14	15	14
$70,000 to $99,999	17	8	11	8
$100,000 to $199,999	18		18	
$200,000 or more	5		5	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	340	470	171	210	212	260	361	484	306
Motortrucks including pickups	425	655	199	236	293	419	378	553	170
Wheel tractors	503	1 085	133	188	443	897	446	941	149
Grain and bean combines, self-propelled only	–	–	–	–	–	–	2	(D)	–
Corn heads for combines	17	17	4	4	13	13	14	14	4
Other cornpickers and picker-shellers	13	13	7	7	6	6	9	9	2
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	234	254	95	95	139	159	143	151	65
Pickup balers	329	341	51	52	278	289	270	277	72
Field forage harvesters, shear bar or flywheel type	135	158	38	38	100	120	110	122	39

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	273	129	(X)	197	(X)	184	170
Workers	852	(X)	239	(X)	613	621	923
Farms with—							
1 worker	96	60	60	68	68	64	35
2 workers	47	40	80	25	50	31	32
3 or 4 workers	83	26	81	70	229	49	40
5 to 9 workers	38	3	18	27	176	32	40
10 workers or more	9	–	–	7	90	8	23

Table 9. **Livestock and Poultry—Inventory and Sales: 1978 and 1974**

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	446	(X)	422	(X)	269	(X)	261	(X)
Any cattle, hogs, or sheep	402	(X)	382	(X)	252	(X)	244	(X)
Sales:								
Any livestock or poultry and their products $1,000	406	9 310	374	7 327	263	9 038	250	7 152
Any cattle, hogs, or sheep $1,000	372	1 454	341	(NA)	249	1 285	240	932
CATTLE AND CALVES								
Inventory:								
Cattle and calves	381	15 079	370	15 347	241	13 517	241	13 555
Cows and heifers that had calved	348	8 319	341	8 617	228	7 617	228	7 707
Beef cows	197	1 476	176	1 470	98	956	79	811
Milk cows	214	6 843	248	7 147	171	6 661	193	6 896
Heifers and heifer calves	324	5 549	(NA)	(NA)	213	5 053	210	4 825
Steers, steer calves, bulls and bull calves	258	1 211	(NA)	(NA)	155	847	158	1 023
Sales:								
Cattle and calves	343	6 402	332	5 989	236	5 939	235	5 504
$1,000	(X)	1 342	(X)	(NA)	(X)	1 222	(X)	908
Calves	240	3 591	(NA)	(NA)	185	3 428	190	3 198
$1,000	(X)	216	(X)	(NA)	(X)	195	(X)	129
Cattle	306	2 811	(NA)	(NA)	216	2 511	212	2 306
$1,000	(X)	1 125	(X)	(NA)	(X)	1 026	(X)	780
Fattened cattle	44	188	(NA)	(NA)	26	150	16	105
$1,000	(X)	70	(X)	(NA)	(X)	57	(X)	30
Dairy products $1,000	156	7 738	(NA)	(NA)	149	7 650	166	6 102
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	77	810	80	596	41	396	50	475
Used or to be used for breeding	28	180	(NA)	(NA)	17	140	22	188
Other hogs and pigs	70	630	(NA)	(NA)	38	256	41	287
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	30	136	29	169	18	99	22	155
Dec. 1 of preceding year and May 31	27	79	15	77	16	54	11	72
June 1 and Nov. 30	21	57	22	92	15	45	19	83
Sheep and lambs	69	823	33	392	31	396	14	151
Ewes 1 year old or older	51	549	(NA)	(NA)	24	325	12	85
Goats	8	32	(NA)	(NA)	3	5	–	–
Horses and ponies	161	731	170	671	88	414	88	412
Sales:								
Hogs and pigs	41	1 180	35	892	23	672	25	811
$1,000	(X)	67	(X)	(NA)	(X)	28	(X)	22
Feeder pigs	17	316	16	737	10	210	16	737
$1,000	(X)	9	(X)	(NA)	(X)	6	(X)	17
Sheep and lambs	43	893	16	180	21	687	7	60
Sheep and lambs shorn	52	734	(NA)	(NA)	24	412	8	101
Pounds of wool	(X)	5 870	(X)	(NA)	(X)	3 298	(X)	764
Sheep, lambs, and wool $1,000	53	45	(NA)	(NA)	24	35	9	2
Goats	4	40	(NA)	(NA)	2	(D)	–	–
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	33	91	30	106	23	71	19	74
$1,000	(X)	76	(X)	(NA)	(X)	68	(X)	34
POULTRY								
Inventory:								
Any poultry	107	(X)	83	(X)	51	(X)	46	(X)
Chickens 3 months old or older	91	2 238	81	3 298	43	1 224	44	2 205
Hens and pullets of laying age	91	2 038	76	3 094	43	1 145	42	(D)
Pullets 3 months old or older	14	200	(NA)	(NA)	4	79	1	(D)
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	14	416	11	456	4	224	7	284
Turkeys	9	37	(NA)	(NA)	4	11	2	(D)
Turkeys for slaughter	6	20	(NA)	(NA)	2	(D)	2	(D)
Turkey hens kept for breeding	4	17	(NA)	(NA)	2	(D)	–	–
Other poultry	32	(X)	(NA)	(X)	12	(X)	6	(X)
Sales:								
Any poultry	23	(X)	25	(X)	14	(X)	18	(X)
Chickens 3 months old or older	14	10 147	16	22 989	10	10 072	13	22 964
Hens and pullets of laying age	13	(D)	15	688	9	(D)	12	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	2	(D)
Broilers and other meat-type chickens	3	(D)	8	684	2	(D)	4	444
Turkeys	3	16	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	3	16	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	4	(X)	(NA)	(X)	3	(X)	1	(X)
Poultry and poultry products $1,000	44	36	39	87	23	33	23	82

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	126	3 700	(X)	–	–	113	3 516	(X)	–	–
	1974	135	3 577	(X)	(NA)	(NA)	118	3 473	(X)	1	(D)
For grain or seed (bushels)	1978	6	227	19 456	–	–	5	(D)	(D)	–	–
	1974	13	250	21 455	(NA)	(NA)	11	(D)	(D)	1	(D)
For silage or green chop (tons, green)	1978	122	3 473	55 056	–	–	110	3 290	52 507	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	112	3 218	47 709	1	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sorghums for all purposes	1978	6	33	(X)	–	–	6	33	(X)	–	–
	1974	5	56	(X)	(NA)	(NA)	4	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	6	33	222	–	–	6	33	222	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	(D)	254	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Oats for grain (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	14	5	686	–	–	7	2	280	–	–
	1974	21	14	1 177	(NA)	(NA)	7	9	803	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	452	25 318	41 685	2	(D)	274	20 131	35 554	2	(D)
	1974	424	21 547	36 303	(NA)	(NA)	256	17 390	31 443	1	(D)
Alfalfa hay (tons, dry)	1978	127	4 138	9 395	–	–	90	3 217	8 211	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	93	2 949	6 761	–	–
Other tame dry hay (tons, dry) (see text)	1978	313	14 171	21 797	2	(D)	204	11 273	18 265	2	(D)
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
All vegetables harvested for sale (see text)	1978	25	94	(X)	1	(D)	18	78	(X)	1	(D)
	1974	29	129	(X)	(NA)	(NA)	18	110	(X)	–	–
Sweet corn	1978	22	60	(X)	–	–	16	49	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	18	74	(X)	–	–
Tomatoes	1978	8	9	(X)	–	–	6	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	4	(X)	–	–
Green peas excluding cowpeas	1978	7	3	(X)	–	–	6	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	7	(X)	–	–
Land in orchards	1978	29	261	(X)	–	–	16	232	(X)	–	–
	1974	21	263	(X)	(NA)	(NA)	14	242	(X)	–	–
Apples (pounds)	1978	29	256	1 387 080	(NA)	(NA)	16	229	1 352 480	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	242	2 760 628	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	3	(Z)	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	15	10	(X)	2	(D)	7	9	(X)	2	(D)
	1974	8	5	(X)	(NA)	(NA)	4	3	(X)	1	(D)
Strawberries (pounds)	1978	9	8	40 396	2	(D)	6	7	37 964	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	3	15 990	1	–
Nursery and greenhouse products	1978	16	19	(X)	2	(D)	13	16	(X)	2	(D)
Other crops	1978	–	–	(X)	(NA)	(NA)	–	–	(X)	(NA)	(NA)

APPENDIX A. General Explanation

TAKING THE CENSUS A-1
DATA PROCESSING A-3
COMPARABILITY OF DATA A-4
MAJOR CHANGES IN DATA COLLECTED A-4
FOLLOW-ON SURVEYS AND THE CENSUS OF HORTICULTURAL SPECIALTIES A-5
DISCLOSURES A-5
1974 DATA CORRECTIONS A-5
DEFINITIONS AND EXPLANATIONS A-5
FARM CLASSIFICATIONS A-11
UNPUBLISHED DATA A-12
NONSAMPLING ERRORS A-13
CENSUS COVERAGE A-13
STATISTICAL ADJUSTMENTS A-13

TABLES

A. PERCENT OF STATE TOTAL REPRESENTED BY ADJUSTMENT FOR WHOLE FARM NONRESPONSE: 1978 . . . . . A-14
B. ESTIMATES OF THE SAMPLING RELIABILITY OF STATE TOTALS FOR SELECTED ITEMS: 1978 . . . . . A-16
C. ESTIMATES OF THE SAMPLING RELIABILITY OF FARMS REPORTING AN ITEM IN THE COUNTY: 1978 . . A-16
D. ESTIMATES OF THE SAMPLING RELIABILITY OF COUNTY TOTALS FOR SELECTED ITEMS: 1978 . . . . . A-17

TAKING THE CENSUS

Method of Enumeration

The 1978 Census of Agriculture was the first census to include a mailout/mailback enumeration supplemented by a thorough direct interview of all households in a sample of area segments. This combination list-direct enumeration sample approach was instituted to improve completeness of coverage for State level agriculture census statistics.

In censuses prior to 1969, enumerators were assigned to a specific area and called on all farms within the area. Beginning with the 1950 census, copies of the report form were mailed prior to the enumeration date to each boxholder served by post offices in predominantly rural areas and farmers were asked to complete the forms and have them ready for the enumerator to pick up. Enumerators going door-to-door in rural areas collected and reviewed all forms that had been completed; they also completed forms for those places with agricultural operations which did not have forms ready.

For the 1969 and 1974 censuses, data were collected primarily by a self-enumeration, mailout/mailback procedure. This procedure was made possible by the availability of specialty lists and several administrative lists, including records from the prior agriculture census, from which a list of agriculture-related names and addresses was constructed.

The mailout/mailback enumeration procedure was not used in taking the agriculture census in Puerto Rico, Guam, the Virgin Islands, and the Northern Mariana Islands. A discussion of the direct enumeration methods used appears in the reports for these outlying areas.

Mail List

The mail list for the 1978 census was comprised of all individuals, businesses, and organizations that could be readily identified as being associated with agriculture. The list was assembled from the records of the 1974 census and administrative records of various government agencies, primarily the Internal Revenue Service and the U.S. Department of Agriculture. The administrative lists used for 1978 were more accurate and extensive than those used for the 1974 and 1969 censuses. For 1978, most administrative lists were used in their entirety; whereas, for 1974 and 1969 some lists were sampled so that only selected records were included in the census mailing list.

Lists of large or specialized operations, such as nurseries, broiler growers, fish farms, and livestock range and feedlot operations, which might not be identified in other administrative records, were obtained from State and Federal agencies, trade associations, and similar organizations. Lists of multi-establishment companies having one or more establishments (or locations) producing agricultural products or providing agricultural services were obtained from the 1974 census and updated using results of the 1976 and 1977 Company Organization Surveys conducted by the Economic Surveys Division of the Census Bureau.

A preliminary census mail list was assembled using names and addresses from the 1974 census and administrative source lists available early in 1978. Those records identified as most likely not to be farms, since the name appeared on only one source list or on selected combinations of list sources which had yielded a low percentage of farm operators for the 1974 census, were then selected for inclusion in the 1978 Farm and Ranch Identification Survey. Slightly over 4 million of the short identification forms were mailed in May of 1978 to identify persons who were not active farm operators, to identify tenant and successor operators who were not on administrative source lists, and to update the name, address, and size information for the identified active farm operators. Approximately 1.9 million survey returns were classified as out-of-scope (nonfarms), and an additional 400,000 reports were returned by the Postal Service as being undeliverable, resulting in over 2.3 million names and addresses being deleted from the census mail list as a result of the 1978 Farm and Ranch Identification Survey. The final census mail list containing 4,241,000 names and addresses was developed using results of the 1978 Farm and Ranch Identification Survey, names and addresses from the unduplicated preliminary list that were retained without precensus verification, and new or updated source lists acquired after the preliminary unduplication.

The preliminary and final census mail lists were both constructed by merging and unduplicating the names and

addresses from the various source lists on the basis of Employer Identification numbers, Social Security numbers, and names and addresses. To facilitate processing, each name on the administrative source lists was assigned a geographic code indicating the State and county location of the operation and a size code indicating an estimated value of sales. Most duplicates were identified and resolved during computer processing; an additional group of possible duplicates identified during computer processing was resolved clerically. Other duplicate names not identified prior to mailing were either reported by respondents or located during office processing.

Direct Enumeration Area Sample

When the evaluation survey conducted for the 1974 census confirmed the results of the evaluation survey for 1969 (i.e., an unacceptable number of midsize and a larger number of smaller farms were not included in the mail list), the decision was made to incorporate into the 1978 data collection procedures a direct enumeration area sample to provide State level estimates of the number and statistical characteristics of farms found not to be included in the mail list. The effect of this combination mail list-direct enumeration sample approach has been to drastically reduce the number and effect of missed farms in State totals.

The direct enumeration sample consisted of approximately 6,400 segments in "rural" areas (areas outside places with 2,500 or more population in 1970) in all States, except Alaska and Hawaii. The segments were created and selected using enumeration district maps and data from the 1970 Census of Population and Housing. In October and November 1978, enumerators visited each household in these segments to determine if anyone in the household was associated with an agricultural operation. A 78-A1(A) report form was completed for each person with agricultural operations. This form was similar to the 78-A1(S) sample form but collected additional information on alternate names and addresses and other individuals associated with the operation for use in matching these cases to the census mail file. The front page of the 78-A1(A) report form is reproduced in appendix C. During the enumeration, each operator received an orange-colored sticker and was instructed that if he/she received a census form in the mail, the form should not be filled but returned with the sticker attached indicating that a report had already been completed.

During office processing, a concentrated effort was made to match the direct enumeration sample returns to names and addresses on the census mail list using the sticker returns, microfilm search of the mail file for all associated names, telephone calls to all cases that could be reached by phone, and any other available information. Direct enumeration sample returns not matched to the census mail list after this extensive research comprise the sample representing farms in the State not on the census mail list. Data from these unmatched direct enumeration sample returns were used to provide estimates at the State level for farms not on the census mail list. For each State, these data have been tabulated and published as a "pseudo" county and are an integral part of the State totals. The direct enumeration sample estimates have not been included in individual county totals.

Report Forms

The Census Bureau recognizes the need to minimize both respondent burden and census cost by limiting the number of items for which data are requested to those most needed by users as the basis for current understanding and future planning. In addition to limiting data items, the most recent eight censuses of agriculture have also used sampling techniques to further minimize reporting burden and census cost. For 1945, additional items were included in the enumeration of designated geographic segments, but were omitted from the report forms used for all other areas. For the 1950, 1954, 1959, and 1964 censuses, similar goals were met by instructing the enumerators to determine whether to ask or omit the items in designated sections of the report forms. For the 1969, 1974, and 1978 mailout/mailback censuses, two report forms were used again with the result of minimizing the reporting burden, particularly for smaller farms.

For 1978, the two report forms were a 5-page report form (78-A1(S)) containing all the items asked in the census, and a 4-page form (78-A1 (N)) omitting the sample items (sections 22 through 27). Form 78-A1(N) and the 78-A1(S) sample items are reproduced in appendix D. In all States except Alaska and Hawaii, the sample form (A1(S)) was mailed to all certainty addresses (large farms) and to 20 percent of the noncertainty addresses; the nonsample form (A1(N)) was mailed to the remaining noncertainty addresses. The sample form was mailed to all Alaska addresses. For Hawaii, a modified version of the sample form was used for all farms. The modifications were made principally in the crops section in order to cover the specialized agriculture on the islands. The Statistical Adjustments section of this appendix defines certainty farms and includes a discussion of the criteria used to determine whether the sample or nonsample form was to be mailed to noncertainty addresses.

Initial Mailing

The report forms were distributed by the U.S. Postal Service during the last week of December 1978 to all individuals, businesses, and organizations on the mail list. Approximately 4,241,000 forms were included in the initial mailing (3,140,000 nonsample forms and 1,101,000 sample forms).

From February through August 1979, additional initial mailings were sent primarily to new tenants and successors identified during report form processing. Thus, the total mailing list for the 1978 Census of Agriculture was 4,430,000.

An information sheet containing detailed instructions for completing the form was included with each report form (see appendix D). Additional special instructions were included with report forms sent to identifiable producers of poultry under contract, bees and honey, laboratory animals, feedlot operations, and nursery and greenhouse products.

In an effort to provide additional help in completing reports, approximately 60,000 copies of a Farm Census Guide booklet were sent to county agricultural agencies and related institutions or businesses to whom farmers might turn for help. Included were rural banks, accountants, vocational agriculture instructors, and the following U.S. Department of Agriculture county offices: Agricultural Stabilization and Conservation Service,

Farmers Home Administration, and Agricultural Extension Service. This guide contained descriptions and definitions for various items in more detail than the instructions included with each report form. Representatives of the above agencies graciously consented to assist farmers in completing their report forms if assistance was requested. In addition, the telephone number for the Jeffersonville, Ind. processing office was provided in the original mailing in case the respondent requested assistance or had additional questions which were not covered in the instructions.

Followup Procedures

The data collection effort included seven followup letters to nonrespondents, three of which were accompanied by a report form. To evenly distribute the workloads in mailing, receipts, and processing, the mail list was divided into three groups for followup purposes. In late January, the first followup letter was sent to all nonrespondents reminding them of the February 15 due date. The other reminders followed on a flow basis at 3- to 4-week intervals starting in late February and continuing into July.

In low response areas, additional efforts were made. State Commissioners of Agriculture were asked to issue supporting statements urging farmers to complete and return their reports. In early April 1979, nonrespondents in about 300 counties with the lowest response rates were mailed an additional letter using simpler language in large print suggesting that if they needed help in completing their report, they could call collect to the Jeffersonville, Ind. processing office.

From March to November 1979, telephone calls were made to nonrespondents who were large (for most States, those with expected sales of $80,000 or more) or were located in about 60 counties with low response. Data for large farms were obtained by telephone from secondary sources if the addressee could not be contacted or refused to provide information. Most of the nonresponse calls were made by the staff of the Jeffersonville, Ind. processing office. However, calls to the larger and more complex operations were made by the Agriculture Division staff. Upon completion of data collection, all counties had response rates exceeding 75 percent of the final mail list including additional addresses. The overall response rate for the 50 United States was 88 percent for all addresses and nearly 95 percent for addresses with a known history of farm operations. A significant proportion of the nonresponse cases was found not to have qualifying agricultural operations for 1978. For a description of the adjustment for nonresponse, see Statistical Adjustments.

DATA PROCESSING

All report forms were subjected to a clerical screening review, during which they were corrected to make them acceptable for keying onto magnetic tape. Farm operators completing a nonsample form who reported sales or acres above the certainty level were sent correspondence requesting the additional sample data. Reports for special list cases identified on the mail list as producing specific products such as broilers or cattle were checked to insure that the special item had been reported. Problem reports requiring special review or additional handling were referred to technical assistants, or if necessary, to statisticians for resolution. Report forms with sales or acreage above levels listed as State "must" were subjected to a more stringent precomputer review, including completeness checks for key basic data items. Reports from multiunit operations and institutional and government-operated farms were reviewed and edited by statisticans. All farms with expected or reported sales of $1,000,000 or more or 30,000 acres or more, all Alaska and Hawaii reports, selected multiunit operations, and other selected problem reports were reviewed by statisticians in the Agriculture Division. Omissions, inconsistencies, and other problems that could not be resolved by reference to other information on the report were resolved by contacting the respondents by telephone or correspondence.

All successors and the more significant tenant names and addresses reported in the census were researched on microfilm of the census mail file. Report forms were mailed to addresses not located on the mail file. Research was also conducted on reports from selected respondents claiming that they had previously completed a census form to eliminate possible duplication.

Data for each report form were subjected to a detailed item-by-item computer edit. The edit included comprehensive checks for consistency and reasonableness, corrected data found to be in error or inconsistent, supplied missing data based on similar size farms within the same county, and assigned farm classification codes which were necessary for tabulating the data. Entries of large magnitude and significant computer-generated changes to the data were manually verified. Obvious errors such as reports of cotton or citrus in the Northern States were also identified and corrected.

Many of the acceptability limits on data were necessarily wide making it impossible to identify and correct all errors or to always supply precise estimates for all the incompleteness in the reports. These factors and others may affect the reliability of data for some minor items, but they should not have a significant effect on major data items in any county.

In the computer edit, those farms with sales or acreage exceeding State "must" levels were tested for historical consistency. Key items such as acreage, number of livestock sold, crops, and sales were compared for significant changes between 1974 and 1978. Problems in historical consistency were resolved usually by telephone.

In order to reduce duplicate reporting because of more than one completed report being received for the same operation under different names, computer listings of reports with similar operator names and size of operation were produced and duplicate reports were deleted prior to tabulations.

After each report was screened, computer edited, and had all identified problems corrected, each data item on the report was added into the total for that item for the county. The result was a computer tabulation matrix for each county containing the sum of individual entries for each data item. This matrix enabled the easy and precise construction of the published tables.

Prior to publication of preliminary reports and volume 1 reports, tabulated totals were reviewed by statisticians to

identify remaining inconsistencies and potential coverage problems. Comparisons were made with historical census trends as well as current year State level estimates published by the U.S. Department of Agriculture and other agencies as part of the coverage review. Selected report forms were reviewed and problem entries were either verified as being correct or the data were corrected.

COMPARABILITY OF DATA

Significant changes were made to the data collection procedures to improve the coverage of the 1978 census, including a more complete mail list and the use of a direct enumeration area sample to supplement the mail list. The effect of these improvements has been to increase the 1978 State farm counts above what they would have been using previous methods. The 1978 State farm counts, consisting of totals from the mail list and the direct enumeration area sample, include farms that would have been missed in the 1974 and 1969 censuses.

The 1978 county farm counts do not include any totals from the direct enumeration sample. However, for some counties, the counts may have increased substantially because of the improved coverage of small farms in the 1978 mail list. County level data on acreages and inventories are generally comparable.

Estimates of the net proportion of farms missed in the 1974 census varied widely by State, from a low of 0.7 percent in Nebraska to a high of 33.0 percent in West Virginia. Appendix C shows adjusted farm counts by State. Because missed farms were typically small, the percent missed was generally higher in States having a relatively large proportion of small farms and urbanized areas having a sizable number of part-time farms. The proportion of the total farms in each State represented by the direct enumeration sample in 1978 can be expected to follow a pattern similar to that for missed farms in 1974.

Since most of the farms identified in the direct enumeration sample were small, these farms have a much greater effect on the State counts of farms and farms reporting than on measures of agricultural production such as land in farms, sales of agricultural products, acres and production of crops, and inventory and sales of livestock and poultry.

Changes in the farm definition also affect the comparability of data. In general, data for 1978 and 1974 would be directly comparable with data for 1969 and earlier censuses only for farms with sales of $2,500 or more because the data for these farms are not affected by changes in the farm definition. A difference in timing and the change from personal interview to mail enumeration affect comparability with data from censuses prior to 1969. The effect of the 1974 definition change for selected State and county totals is shown in appendix B.

Dollar figures shown for expenses and agricultural product sales have not been adjusted for changes in price levels between census years. Crop and livestock production and sales and expense data are for the calendar year 1978, except for a few crops (such as citrus) for which the production year overlaps the calendar year. Inventories of livestock, poultry, and other specified items are as of December 31, 1978. The reporting period and inventory date are the same as for the 1974 and 1969 censuses.

Censuses prior to 1969 were taken by enumerators, each assigned to a specific geographic area. Field work for the 1959 and 1964 censuses was completed mainly in October, November, and December of the reference year. Livestock and poultry inventories for these two censuses were as of the time of enumeration. Other variations in the time of enumeration occurred prior to 1959.

MAJOR CHANGES IN DATA COLLECTED

Unusually strong adverse reaction to the length and content of the 1974 census report form stimulated an intensive review and rejustification of all data inquiries accepted for collection on the 1978 census report form. Data users were requested to provide the Bureau with their data requirements, including the level of publication needed—county, State, or national. Each data item requested was reviewed to determine if it was needed at the county level and if so, whether on a complete or sample basis. Some data items needed only at the State or regional level were relegated to one or another of the follow-on surveys scheduled to be conducted in 1980 for calendar year 1979. By eliminating many items included on the 1974 report form, redesigning the form to accommodate two columns of items per page, and converting many more items to write-in status, especially in the crops sections, the report form was reduced from a 20-page booklet to a 4-page form for most farms and a 5-page form for certainty and sample farms. Data items on the 1974 report form which were eliminated on the 1978 report form were:

- Type of rental arrangement
- Sales of forest products
- Commercial fertilizer used for specific crops
- Irrigation methods and quantity of water used
- Drainage
- Grain storage facilities
- Futures markets
- Contracts
- Injuries and illnesses
- Other production expenses
- Income and expenses from farm-related sources
- Farm credit
- Family income from off-farm sources

Much of the detailed data collected in 1974 for costs of materials for individual types of agricultural chemicals and for quantities and costs of several feed categories including roughages purchased were deleted from the report form. In addition, many of the redundant totals used on the 1974 report form for cross checking data, especially in the production expenses and value of agricultural products sold sections, were eliminated.

The following high priority new data items were added to the 1978 report form:

- Set-aside acres in Federal Farm Program
- Government Commodity Credit Corporation (CCC) loans for grain and cotton
- Direct sales to consumers
- Foreign ownership of farmland
- Greater detail on expenses for energy

FOLLOW-ON SURVEYS AND THE CENSUS OF HORTICULTURAL SPECIALTIES

Integral to each census of agriculture program are the follow-on surveys conducted after the main census. The purpose of these specialized surveys is to collect additional, much needed agriculture-related information from highly specialized operations or from only a sample of farms without burdening all farm operators. Thus, allowing the use of a shorter report form for the general census. The follow-on surveys are limited to high priority data items that yield United States, regional, or State level estimates, which in and of themselves or in association with general census data, are used as the basis for current decisionmaking and future planning.

Data from the Farm Finance, the Farm and Ranch Irrigation, and the Farm Energy Surveys, conducted in 1980 covering calendar year 1979, are published in Volume 5, **Special Reports,** of the 1978 Census of Agriculture.

The Farm Finance Survey provides detailed farm financial data, including debts, expenses, taxes, credits, assets, and farm and off-farm incomes for farm operators. Many of these items as well as detailed data concerning land ownership and landlord characteristics are also being collected from the landlords of the farms involved in the survey.

The Farm and Ranch Irrigation Survey provides high priority data on water use by irrigated farms. Included in the data are: acreage irrigated, yields for irrigated and nonirrigated crops, quantity of water used, methods of distribution, types of pumps, and number of wells.

The Farm Energy Survey provides detailed data on energy purchased by type of energy source, storage capacity, and selected kinds of energy-consuming machinery and equipment.

The 1979 Census of Horticultural Specialties covers the operations of producers of nursery and greenhouse products, mushrooms, and sod in much greater detail than the main census of agriculture. This census has been conducted in 1890, 1930, 1950, and every 10 years since, in association with the census of agriculture. Data for this census are published in Volume 5, **Special Reports.**

DISCLOSURES

In many tables, data are suppressed and a (D) is used instead of a number. To ensure the confidentiality of information on a characteristic of an individual farm, it is necessary to suppress data when the value of an item for one or two farms can be definitely or approximately determined by mathematical manipulations.

Suppressions of data made within frequency distributions are accomplished in a way that will maintain maximum integrity of the frequency groups as suppressions are made whenever possible in adjacent frequency classes. This allows the user, by subtraction from the total, to have a farm count and total quantity reported for the combined suppressed frequencies. Although the published frequency data are not complete, the truncated frequency distribution is available for analysis purposes.

1974 DATA CORRECTIONS

Some 1974 data have been revised since the 1974 volume I publications were released. The major revisions were for:

Madera County, California—number of heavy breed turkeys sold and related data.

Maricopa County, Arizona—acreage of improved pecans and related data.

DEFINITIONS AND EXPLANATIONS

Definitions and explanations of terms in this section provide more detailed descriptions for selected items and terms than are available on the report form or in the tables. Differences in definitions between censuses, data deficiencies, and special processing performed for individual or related data items are also explained. For an exact wording of the questions on the sample and nonsample forms used in 1978 for the conterminous United States, and the information sheet which accompanied these forms, see appendix D.

For all tables, historical data are shown whenever individual items are comparable, otherwise an (NA) is used. Some historical data may differ slightly from totals included in prior census publications due to rounding of fractions and dollar values.

Farms or farms reporting—The term "farms" or "farms reporting" in the presentation of data denotes 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

Land in farms—The acreage designated in the tables 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 processing operations.

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 to be reported as land rented from others. Except for open range and grazing land used under government permits, all grazing land was included as "land in farms" provided it was part of a farm or ranch. Grazing land operated by grazing associations was to be reported by the person chiefly responsible for conducting the business of the association. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in Indian reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

Land area—The approximate total land area of counties and States shown for 1978 represents the land area as determined by records and calculations updated as of January 1, 1979. These data are updated periodically; however, the acreage shown for 1978 are essentially the same as in 1974. Any differences between the land area in 1978 and 1974 are due to annexations, disincorporations, and other changes affecting county boundaries.

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 were raised or produced. It was usually the county containing all or the largest proportion of the land in the farm. For a limited number of Western States, this procedure has resulted in the allocation of more land in farms to a county than the total land area of the county. To minimize this distortion, separate reports were required for large farms, identified from the 1974 census and prior special surveys as having more than one separately reportable farm unit. Other reports received showing land in more than one county were separated into two or more reports if the data would significantly affect the county totals. These reports were assigned to the appropriate counties during office processing.

Value of land and buildings—Farm operators receiving the sample form were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the respondent's estimate of what the land and buildings would sell for under current market conditions. For 1978, this information is estimated from the replies of a sample of farms; whereas for 1974, all farm operators were asked to provide these data. If the value of land and buildings was not reported, it was estimated during processing by using the average value of land and buildings from a similar farm in the same geographic area.

Other land—This category includes land in house lots, barn lots, ponds, roads, wasteland, etc. The definition of "other land" is the same in 1978 and 1974 only for farms with sales of $2,500 or more. In 1974, for farms with sales of less than $2,500, "other land" included pastureland and rangeland other than cropland and woodland pasture in addition to land in house lots, barn lots, ponds, roads, and wasteland.

Land set aside in the Federal Farm Program—The 1978 report form included a new inquiry on the number of acres set aside in 1978 under the provisions of the Federal Farm Program. These data are for acres of cropland taken out of production by growers of wheat, corn, grain sorghums, and barley, and instead planted in cover crops, soil-improvement grasses, etc. No information was obtained as to which grains would have been grown on the acres set aside.

Foreign ownership of agricultural land—An inquiry measuring the impact of foreign ownership of agricultural land was added to the 1978 report forms. All farm operators were asked to report the number of acres owned by individuals who are not U.S. citizens; or owned by foreign-held corporations, unincorporated associations, or foreign governments.

In some cases, operators using land owned by others may not know the beneficiary owner of the land or, if the owner is known, they may not know the citizenship of the landlord. Therefore, a "don't know" category was included on the report form. Corporations with 50 percent or more of the stock held by foreign investors were considered foreign owned. Any land owned and operated by such corporations was included as land held under foreign ownership.

County summary table 36 provides operators response to the foreign ownership inquiry. Counts are provided for those responding "yes", "no", "don't know", and "no response". No attempt was made to contact nonrespondents.

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, marketing, etc. The operator may be the owner, a member of the owner's household, a salaried manager, a tenant, a renter, or a sharecropper. If he/she rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which he/she retains for his/her own operation. For partnerships, only one partner is counted as an operator. If there is no clear-cut partner in charge, then the senior or oldest active partner is considered to be the operator. For census purposes, the number of operators is the same as the number of farms. In some cases, the operator was not the individual named on the address label of the report form, but another family member, a partner, or a hired manager who was actually in charge of the farm operations.

Operator characteristics—Data on characteristics such as residence, race, Spanish origin, age, sex, principal occupation, and off-farm work were collected from all operators in 1978. In the 1974 census, operator characteristics were collected only for all farms with sales of less than $2,500 and for farms with sales of $2,500 or more operated by individuals (sole proprietorships) and partnerships. If operator characteristics of race, age, sex, and principal occupation were not reported for 1978, they were derived based on reports with similar acreage size, tenure, and sales size. No adjustments were made for nonresponse to residence, Spanish origin, and off-farm work.

Extensive verification and recontacting were done for positive responses to Spanish origin, especially in Southern States. It was found that a number of these responses were in error, apparently the word American in "Mexican American" was mistaken as American origin.

Write-in entries of "other" race were clerically reviewed and recoded where necessary; entries without an accompanying write-in description were not verified by recontacting the respondent. Based on demographic classifications, "other" race is limited to native non-Spanish populations of Central and South American countries.

In the presentation of data on race of operator, the classification "Black and other races" includes Blacks, American Indians, Asian or Pacific Islanders, and any other separate racial group excluding White. For the 1978 census, operators of

Spanish origin are tabulated by reported race. Prior censuses included Spanish origin as "White" whenever separate data for the White race were shown.

The 1978 Census of Agriculture is the first census to collect data on the sex of the operator. For farm operations where both husband and wife participated, the response was determined by the parties involved.

Selected production expenses—Data on selected production expenses incurred in 1978 were requested from farm operators reporting on the sample form. Only selected production expenses were requested; thus, the expense data cannot be used in combination with gross sales to calculate net farm income. The 1974 census attempted to gather selected expenses plus a category "all other production expenses" to arrive at total expenses. This category was to include items such as depreciation, taxes, interest, rent, and insurance for the farm business. Because of the burden to respondents and inaccuracy in reporting, the "all other production expenses" inquiry was not included on the 1978 report form. The 1979 Farm Finance Survey provides estimates on net farm income.

For 1978, as with earlier censuses, expense data in some cases were not fully reported especially by operations producing crops, livestock, or poultry on a contract basis. Many such operators were unable or unwilling to estimate the value of production inputs furnished by the contractor. Estimates were made for individual expense items based on reported crop and livestock information, or on averages or ratios of expense items reported by similar farms in the same geographic area.

Commercial fertilizer—The expense for commercial fertilizer is the amount spent on fertilizer during 1978, excluding the cost of application. Some fertilizer purchased in 1978 may not have been applied during the year. If the fertilizer was applied by someone other than the operator, the cost of application is included as an expense for customwork, machine hire, and rental of machinery and equipment. Some operators may have included the cost of application with the amount spent on fertilizer.

Other agricultural chemicals, including lime—Expenses include the cost of all insecticides, herbicides, fungicides, other pesticides, lime, etc., excluding costs of application. Data exclude commercial fertilizer purchased.

Customwork, machine hire, and rental of machinery and equipment—This expense represents 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. The cost of labor used on rented or hired machinery is included as a hired farm and ranch labor expense.

Energy and petroleum products—More extensive data on energy usage for the farm business were collected in the 1978 census than in prior censuses. Data were collected on expenses, gallons purchased, and storage capacity for gasoline; diesel fuel; LP gas, butane, and propane; and fuel oil. In addition, data on expenses for natural gas; kerosene, motor oil, and grease; electricity; and all other energy sources were collected. Data for 1974 include only storage capacity and expenses for gasoline; diesel; LP gas, butane, and propane; and a combined total expense for motor oil, grease, piped gas, kerosene, and fuel oil. The 1978 energy data were collected from a sample of farms. Additional data on energy usage and storage capacity are available from the 1979 Farm Energy Survey.

Caution should be used in evaluating storage capacity. Farms not reporting storage capacity were not identifiable from farms with no storage capacity; therefore, the totals understate the actual storage capacity available.

Value of agricultural products sold—This item represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 1978 regardless of who received the payment. It includes sales by the operator as well as the value of any shares received by partners, landlords, contractors, and others associated with the operation.

The value of agricultural products sold represents the sum of all crops including nursery products sold, and livestock and poultry and their products sold. It does not include income from farm-related sources such as customwork or agricultural services, or income from nonfarm sources. For 1974 and 1969, the value of agricultural products sold included sales of forest products from farms and ranches.

The value of crops sold in 1978 does not necessarily represent the sales from crops harvested in 1978. Data include sales from crops produced in earlier years and exclude some crops produced in 1978, but held in storage and not sold in 1978. For crops sold through a co-op which made payments in several installments, only the total value received in 1978 was to be reported.

The value of agricultural products sold was collected from all operators. Where the operator failed to report a value of sales, estimates were made based on the amount of crops harvested or the number of livestock or poultry sold. Extensive estimation was required for operators growing crops or livestock under contract.

Caution should be applied when comparing sales in 1978 with sales reported in earlier censuses due to the extreme fluctuations in per-unit prices between census years.

Income from machine work, customwork, and other agricultural services—This category consists of gross income received during 1978 by farm operators for providing machine work, customwork, and other agricultural services for others such as plowing, planting, harvesting, etc. Entries were deleted when duplicate information was reported in the 1978 Census of Agricultural Services, or when entries were large enough to consider the agricultural services activity separate from the farm or ranch. The agricultural services part of a farming operation was generally considered a separate operation when income from agricultural services was greater than $500,000, or when it was $10,000 or more and greater than the value of agricultural products sold. Data for establishments primarily engaged in agricultural services are published separately in volume 3.

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. By definition, it excludes nonedible products such as nursery products, cut flowers, wool, grains, etc. Sales of agricultural products by vertically integrated operations through their own processing and marketing operations were excluded where identified.

Fertilizer and lime—Detailed inquiries on acreage fertilized and tonnage of fertilizer applied by crop, which were included on the 1974 census form, were not collected in 1978. Data collected for 1978 are limited to total acres of cropland fertilized excluding cropland used only for pasture, and total acres of pastureland and rangeland fertilized. Data on lime use were requested in both 1978 and 1974. Land fertilized and limed data were collected from a sample of farms in 1978. Total acres of cropland fertilized in 1974 were obtained by adding the acres of individual crops fertilized and, therefore, may include duplication where two or more crops using the same acreage were each fertilized during the year.

Irrigation—The 1978 report forms included inquiries on acres irrigated for specific crops and total acres irrigated for harvested cropland, pastureland or rangeland, and any other land. Data on methods of irrigation and estimated quantity of irrigation water used by farms and ranches collected in the 1974 and 1969 censuses are available from the 1979 Farm and Ranch Irrigation Survey and are included in Volume 5, **Special Reports.** Irrigation data collected on the 1978 report form are summarized in more detail in volume 2, Part 9, **Irrigation on Farms** and in Volume 4, **Irrigation,** which also includes data from off-farm water suppliers covered in the 1978 Census of Irrigation Organizations.

Value of livestock and poultry on farms—Data for the value of livestock and poultry on farms were obtained by multiplying the inventory of each major age and sex group by the State average price. The State average prices for cattle, hogs, sheep, angora goats, hens and pullets of laying age, and turkeys were obtained primarily from data published by the Economics, Statistics, and Cooperatives Service of the U.S. Department of Agriculture. Prices applied to other livestock and poultry were census-derived averages based primarily on reported value of sales in the 1978 Census of Agriculture. The 1974 and 1969 data were developed in a similar manner.

Poultry hatched—The 1978 data include all poultry hatched during the year that were placed or sold; whereas for 1974, data include only poultry sold. For example, chickens hatched and raised for layer replacement on the same farm are included in 1978 data for poultry hatched, but excluded from 1974 totals. The value of hatchery sales is included in the category "Poultry and Poultry products."

Fish and other aquaculture products—The raising of fish and other aquaculture products in captivity was included as agricultural production by the 1972 Standard Industrial Classification, and data for such operations were included in the agriculture census for the first time in 1974. The value of fish and other aquaculture products sold is included in the category "Other livestock and livestock products." Production in salt water was considered not to be in captivity and was excluded.

Bees and honey—Bee and honey production was enumerated and tabulated in the county in which the home farm was located (even though hives are often moved from farm to farm over a wide geographic area for pollination of crops). The completeness and accuracy of these data are affected by the fact that some bee operations may not have been on the mail list and some operators on the mail list may not have considered beekeeping to be an agricultural operation, and therefore did not report.

Citrus enumeration—For the 1978 census, reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. This special enumeration has been used in recent censuses because of the difficulty in identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the report form. A citrus caretaker is an organization or person caring for or managing citrus groves for others. Each citrus caretaker was enumerated as a farm operator and requested to complete one report form for all groves cared for and to furnish a list of grove owners' names, addresses, and number of acres of citrus. The names on the lists were matched to completed grove owners' reports to eliminate duplication. The caretaker was also requested to inform the grove owner that he had already reported for the citrus under his care and that the grove owner was not to report again. In the 1978 census, 8 caretakers in Arizona reported 250 grove owners having 12,000 acres of citrus; the 100 caretakers in Florida reported 6,600 grove owners having 240,000 acres of citrus; and 27 caretakers in Texas reported 1,500 grove owners having 30,000 acres of citrus.

More detailed information by State and county are included in volume 2, part 6.

Crop year or season covered—Acres and quantity harvested are for the calendar year 1978 except for citrus fruits, avocados, and olives; vegetables in Florida; sugarcane in Florida and Texas; and pineapples and coffee in Hawaii.

Citrus fruits—The data relate to the crops harvested from the bloom of 1977 for the 1977-78 marketing season.

Avocados—The data for California relate to the quantity harvested from November 1, 1977 through November 30, 1978; the data for Florida relate to the quantity harvested or to be harvested from April 1978 through March 1979.

Olives—The data relate to the quantity harvested from the bloom of 1977 for the October 1977 to March 1978 harvest season.

Vegetables—The data for Florida relate to the crop harvested for the September 1, 1977 through August 31, 1978, harvest season.

Sugarcane—The data for Florida and Texas relate to the reported cuttings from November 1977 through April 1978.

Pineapples and coffee—The data for Hawaii for pineapples relate to quantity harvested for the year ending May 31, 1978, and coffee for the 1977-78 crop.

Acres and quantity harvested—Crops were reported in whole acres, except for the following crops which were reported in 10ths of acres: Irish potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, and nursery and greenhouse products; in Hawaii, taro, ginger root, and lotus root. Totals for crops reported in tenths of acres were rounded to whole acres at the aggregate level during the tabulation process.

If two or more crops were harvested from the same land during the year, the acres would be counted for each crop. Therefore, the total acres of all crops harvested generally exceeds the acres of cropland harvested. The exception to this procedure is hay crops. When more than one cutting of hay was taken from the same acres, the acres are counted only once but the quantity harvested includes all cuttings. However, hay cut for both dry hay and green chop or silage would be reported for each applicable crop. For interplanted crops or "skip-row" crops, acres were to be reported according to the portion of the field occupied by each crop.

If a crop was planted but not harvested, the acres were not to be reported as harvested. These acres were to be reported in the "land use" section under the appropriate cropland items—cropland used only for pasture or grazing, cropland used for cover crops, cropland on which all crops failed, cropland in cultivated summer fallow, or cropland idle.

For crops grown purposely for grazing, quantity harvested was not requested. Acres for these crops were to be reported as "cropland harvested" and not as "cropland used only for pasture or grazing." This procedure applies to the following crops:

Corn cut for dry fodder, hogged or grazed
Cowpeas hogged or grazed or cut for silage
Sorghums hogged or grazed
Soybeans hogged or grazed or cut for silage

Quantity harvested was not obtained for crops such as vegetables, nursery and greenhouse products, and soybeans plowed under.

Acres of land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees were to be reported as harvested cropland regardless of whether the crop was harvested or failed. However, abandoned orchards were to be reported as cropland idle, not as harvested cropland or for the individual crop acreages.

Data for hay represent all hay crops, including grass silage and hay crops cut and fed green. In production data, dry tons represent dry tonnage for the various hay categories and dry weight equivalents for grass silage and hay cut and fed green. The conversion used was 3 tons of green weight to 1 ton of dry weight.

Crop units of measure—For some crops, the operator could report quantity harvested in a unit of measure currently in use in the area. These crops were: Corn for grain or seed, in bushels shelled or hundredweight shelled; sorghums for grain or seed, in bushels or pounds; rice in 100-lb. bags, bushels, or 162-lb. barrels. Corn for grain and sorghums for grain are published in bushels and rice in 100-lb. bags. Grapes could be reported in dry weight or fresh weight; plums and prunes in fresh weight or prunes in dry weight; and in Hawaii, coffee in pounds parchment or pounds cherry, and macadamia nuts in pounds husked, unshelled or pounds shelled. For other fruit and nut crops and citrus, the operator was given a choice of units of measure of pounds, tons, or boxes. The quantity harvested for these crops are published in pounds.

Write-in crops—To reduce the length of the report form, only the major crops for the United States were prelisted (see sections 2 and 3 of the report form). For the other crops, the respondent was requested to look at a list of crops in each section and write in the crop name and its code (see sections 4, 5, 6, 7, and 8 of the report form). For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code the crop into the appropriate "all other" category for that section. Crops not coded by the respondent were coded during processing before keying. 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.

In some cases, the reviewers were unable to determine the specific crop reported by the respondent because of incomplete or generalized crop names. To ensure proper coding, most of these respondents were telephoned; reports for those not telephoned were changed on the basis of other reports for the area.

Misreported or miscoded crops—In a few instances, tabulated data may be inaccurate because respondents misunderstood or misinterpreted questions on the report form. Data may have been reported on the wrong line or in the wrong section of the report, or the wrong crop code may have been placed beside the name of a write-in crop. Some of these errors as well as some keying errors may not have been identified during processing and therefore were not corrected. Reports with unusual crops for the area were examined to minimize the possibility that they were in error.

Comparability of crop data—For the 1974 and 1969 censuses, data for all crops are available for farms with sales of $2,500 or more while only data for the major crops—corn, sorghums, soybeans, peanuts, wheat, cotton, tobacco, potatoes, hay, vegetables, land in orchards, and berries are available for all farms. For 1978, data for all crops are available for farms with sales of $2,500 or more and for all farms.

For a number of commodities, less detailed data were collected in 1978 than in 1974. In these instances, 1974 data have been combined to provide comparable figures wherever possible.

The "acres of vegetables harvested" in 1978 and 1969 was the summation of the acres of individual vegetables harvested,

but in 1974 it was the total land used for vegetable crops. For "land used for vegetable crops," the acres were to be reported only once even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

The "other crops" in the tables are not comparable from census to census as crops are added and deleted from the report form each census.

Value of crop production—This item represents the estimated value of all crops harvested during the 1978 crop year. Data for the value of crops harvested were obtained by multiplying the average estimated value per unit by the reported acres or quantity harvested. Generally, harvested units of production (pounds, bushels, bales, etc.) were multiplied by State estimates of prices per unit. If only acres harvested were reported, State estimates for value of production per acre were used. The State average production price and production value per acre used in these calculations were obtained in most part from publications of the Economic, Statistics, and Cooperative Service, U.S. Department of Agriculture (USDA). When USDA estimates were not available, Bureau of the Census statisticians made estimates using available sources such as data from adjacent States, respondents, report forms, county extension agents, and other persons knowledgeable about specific crops.

"See Text" References

Items in the tables which carry the note "See text" are explained or defined in this section. Also, additional definitions and explanations for some items are provided.

Data for 1978 are based on a sample of farms—Sections 22 through 27 of the census report form 78-A1(S), which include inquiries on commercial fertilizer and lime, chemicals, machinery and equipment, expenses for energy and petroleum products, selected production expenses, and value of land and buildings, were requested of all certainty (large) farms and approximately 20 percent of all other farms. As these data are subject to sampling error, estimates of the sampling reliability of county totals for selected items are shown in table D.

Farms operated by Black and other races—For 1974 and 1978, "other races" includes American Indians, Asian and Pacific Islanders, and all other racial groups other than White. The 1969 data are limited to farms operated by Blacks. Additional information on race of operator is provided under "operator characteristics".

All other races—This category is limited to native non-Spanish populations of Central and South American countries.

1974 data apply only to individual or family operations (sole proprietorships) and partnerships—For 1974, farm operator characteristics were not collected from corporations, co-operatives, prison farms, grazing associations, and Indian reservations. For 1978, characteristics and occupation of the senior partner or person in charge were collected from all farms, regardless of the type of organization.

Other type of organization—This category includes cooperatives, estates or trusts, prison farms, grazing associations, and Indian reservations.

Market value of agricultural products sold—This item represents the gross market value, before taxes and expenses, of all agricultural products sold in the census year including livestock and poultry and their products, and crops including nursery products and hay. The data include landlords' and contractors' shares. The 1974 and 1969 data include sales of forest products.

Farms with value of agricultural products sold less than $2,500—In 1978, this category includes all farms, except abnormal farms, with sales less than $2,500. In 1969 and 1974, farms reporting sales less than $2,500 but having the production potential for sales of $2,500 and over are included in the category farms with sales of $2,500 and over. In frequency distributions, the 1969 and 1974 farms with potential sales of $2,500 and over are included in the $2,500 to $4,999 sales group.

Other livestock and livestock products—Production of fish and laboratory animals is included in this category in 1974 and 1978; whereas, production of these items was excluded entirely from the 1969 census.

Poultry hatched—For 1978, this category includes all poultry hatched during the year that were placed or sold; whereas for 1974, it only included poultry sold. Incubator egg capacity on December 31, 1978, is tabulated under the column heading Inventory and the number of poultry hatched is under the heading Sales.

Worms—For 1978, the production of worms was separately identified; whereas for 1974, it was not. Inventory consists of the number of standard worm beds in production. A standard worm bed was considered to be 24 cubic feet measuring 8 feet by 3 feet by 1 foot. Sales of worms are shown in pounds. Worm casting sales are included in livestock products sold.

Hay crops (tons, dry)—Data shown for hay represent all hay crops, including grass silage and hay crops cut and fed green. In production data, dry tons represent dry tonnage for the various hay categories and dry weight equivalents for grass silage and hay cut and fed green. The conversion used was 3 tons of green weight to 1 ton of dry weight.

Other tame dry hay—The 1974 categories clover-timothy hay, lespedeza hay, coastal Bermuda grass hay, and other hay have been combined into "other tame dry hay" in 1978.

All vegetables harvested for sale—In 1978 and 1969, the acres of vegetables harvested is the summation of the acres of individual vegetables harvested; while in 1974, it is the total land used for vegetable crops.

Land used for vegetables—Data are the total land used for vegetable crops. The acres are reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

Grapes (pounds)—Farm operators were given the option of reporting the quantity of grapes harvested in dry weight or fresh weight. For publication purposes, all quantities of grapes harvested have been converted to pounds fresh weight.

All nursery and greenhouse products—Data are a summation of the individual items presented.

Excludes abnormal farms—Abnormal farms include institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, schools, grazing associations, government agencies, etc.

Farms by standard industrial classification—See explanation under Farm Classifications.

FARM CLASSIFICATIONS

State tables 29 through 35 present detailed 1978 data for all farms classified by specified characteristics—tenure of operator, type of organization, age and principal occupation of operator, size of farm (acres), value of agricultural products sold, and standard industrial classification. In 1974, comparable detailed data were tabulated only for farms with sales of $2,500 or more. Other tables include data classified by value of sales groups, or other characteristics of the farm or the operator.

Farms by value of agricultural products sold or value of sales—In a number of State and county tables, data are shown separately for all farms and for farms with sales of $2,500 or more, and for various value of agricultural products sold or value of sales size groups.

For 1978, all farms except abnormal farms have been tabulated by size based on reported sales. Thus, the category "farms with sales of $2,500 or more" includes only farms with actual sales of $2,500 or more. For 1969 and 1974, farms reporting sales of less than $2,500 but having the production potential for sales of $2,500 or more are included in most tables under the category farms with sales of $2,500 or more based on potential sales.

In 1969, 1974, and 1978, abnormal farms were not tabulated based on actual or potential sales. Detailed data for abnormal farms are included in all farm data shown in State table 34, but are excluded from totals for all farms shown in other State tables 29 through 35. Otherwise, data for abnormal farms are included in totals for all farms, but are excluded from totals for farms with sales of $2,500 or more.

In 1969 and earlier censuses, data were classified into nine groups referred to as "economic classes." For farms with sales of $2,500 or more, the value-of-products-sold classifications used in 1974 and 1978 are the same as the value ranges used for establishing economic classes 1 through 5. Data for farms with sales of less than $2,500, classified in 1969 and earlier censuses as class 6, part time and part retirement, are not directly comparable to the 1974 and 1978 value-of-product classes because of the change in farm definition and modifications in farm classification.

Farms by tenure of operator—The classifications of tenure used for both the 1978 and 1974 censuses are:

Full owners, who operate only land they own.
Part owners, who operate land they own and also land they rent from others.
Tenants, who operate only land they rent from others or work on shares for others.

Detailed 1978 data by tenure of operator are shown in State table 29 for all farms, excluding abnormal farms, and for farms with sales of $2,500 or more.

Farms by type of organization—The 1978 Census of Agriculture was the first census in which all farms were classified by type of organization. In the 1969 and 1974 censuses, these data were collected and tabulated only for farms with sales of $2,500 or more.

The classifications used were:

Individual or family operation (sole proprietorship), excluding partnership and corporation.
Partnership operation, including family partnership.
Corporation, including family corporation.
Other, such as cooperative, estate or trust, institutional farm, etc.

For 1978, corporations were subclassified by two additional characteristics into:

a. Family held.
   Other than family held.
b. More than 10 stockholders.
   10 or less stockholders

These subclassifications were not used in the 1974 Census of Agriculture. However, somewhat similar classifications were obtained in a follow-on survey of all corporations identified in the census, which were published in volume IV, part 5 of the 1974 Census of Agriculture. This survey collected detailed information on family and nonfamily corporations, number of shareholders, and other classifications and characteristics of corporations at both the firm (company) and farm levels. In the 1969 census, corporations were classified only by number of shareholders; those having more than 10 or those having 10 or fewer shareholders.

Caution should be exercised when comparing 1978 corporation data to those of the 1974 survey and the 1969 census. For the 1974 survey, respondents were given a choice of four kinds of corporations from which to select the one that best described their operation: Family corporation, independent corporation, parent corporation (with one or more subsidiaries), and subsidiary of another corporation. Classification rules used prevented an independent, parent, or subsidiary corporation from being classified as a family corporation. The two-way choice of family held or other than family held used in 1978 has resulted in a decrease in the number and proportion of nonfamily held corporations reported.

A followup study of the 1969 data indicated that a sizable number of farms were incorrectly reported as corporations, especially in the Southern States. The 1974 survey was used to identify and correct the misreporting of corporations in that

census. In the 1978 census, some reports incorrectly had both individual or family operation (sole proprietorship) and family held corporation indicated. These reports were reviewed during the processing phase and resolved based on whether or not the respondent operated under a corporate name, had reported as a corporation in the 1974 census, or was shown to be a corporation on one or more of the administrative records used in developing the census mail list.

Farms by age and principal occupation of operator—Data on age and principal occupation were obtained from all operators for 1978. In 1974, these data were collected only for all farms with sales of less than $2,500 and for farms with sales of $2,500 or more operated by individuals (sole proprietorships) and partnerships. Detailed characteristics are shown by six age-of-operator groups in combination with occupation information for all farms in State table 31 and for farms with sales of less than $20,000 in State table 32. The principal occupation classifications used for 1978 were:

Farming—The operator spent 50 percent or more of his worktime in 1978 in farming or ranching.

Other— The operator spent 50 percent or more of his worktime in 1978 in occupations other than farming. Some operators engaged in ranching marked "other" as their principal occupation. Most such obvious errors were corrected during processing.

Farms by size—All farms were classified by size according to the total land area in each operation. 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 the tenant's farm and not the owner's. Detailed characteristics of all farms by 12 size-of-farm groups are presented in State table 33.

Farms by standard industrial classification—As in the 1974 census, agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) are classified by the Standard Industrial Classification (SIC) system in the 1978 census. These classifications, found in the 1972 SIC Manual, are used to promote uniformity and comparability in the presentation of statistical data collected by various agencies.

An establishment primarily engaged in crop production (major group 01) or livestock production (major group 02) is classified in the 3- or 4-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural products. If the total value of sales of agricultural products of an establishment was less than 50 percent from a single 4-digit industry, but 50 percent or more from the products of two or more 4-digit industries within the same 3-digit industry group, the establishment is classified in the miscellaneous industry of that industry group; otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291.

All farms in the 1978 census were classified by SIC. In the 1974 census, farms with sales of less than $2,500 were not classified by SIC. In 1978, those agricultural producers having no sales reported were retained as farms and classified as general livestock farms in industry 0291 if livestock or pasture were reported or as general crop farms in industry 0191. Characteristics of all farms by selected SIC groupings are shown in State tables 11 and 35. Additional and more complete 1978 data for various SIC classifications are published in volume 2, part 8.

UNPUBLISHED DATA

Additional data have been assembled in a series of unpublished tables. The unpublished State table "Summary by Standard Industrial Classification of Farms by Value of Sales: 1978" has a format similar to State table 34. The largest size group in the boxhead is $100,000 or more. Data are shown for the following SIC groupings:

Cash grain farms (011)
Field crop farms except cash grain farms (013)
Cotton farms (0131)
Tobacco farms (0132)
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133)
Vegetable and melon farms (016)
Fruit and tree nut farms (017)
Horticultural specialty farms (018)
General farms, primarily crop (019)
Livestock farms except dairy, poultry, and animal specialty (021)
Beef cattle farms, except feedlots (0212)
Dairy farms (024)
Poultry and egg farms (025)
Animal specialty farms (027)
General farms, primarily livestock (0291)

The following unpublished county summary tables include data tabulated by detailed size groupings:

Farms by Size of Farm: 1978 and 1974
Acreage and Value of Owned and Rented Land: 1978
Farms by Acres of Cropland Harvested: 1978 and 1974
Place of Residence of Operator by Occupation and Off-Farm Work: 1978
Hired Farm Labor by Number of Hired Workers: 1978
Farms by Expenses for Hired Farm or Contract Labor: 1978
Broilers Sales by Number Sold Per Farm: 1978
Cows and Heifers That Had Calved—Inventory by Number Per Farm: 1978
Beef Cows Inventory by Number Per Farm: 1978
Milk Cows Inventory by Number Per Farm: 1978
Cattle and Calves Inventory by Number Per Farm: 1978
Cattle and Calves Sales by Number Sold Per Farm: 1978
Fattened Cattle Sales by Number Sold Per Farm: 1978
Hogs and Pigs Inventory by Number Per Farm: 1978
Hogs and Pigs Sales by Number Sold Per Farm: 1978
Feeder Pigs Sales by Number Sold Per Farm: 1978
Other Hogs and Pigs Sales by Number Sold Per Farm: 1978
Sheep and Lambs Inventory by Number Per Farm: 1978
Sheep and Lambs Sales by Number Sold Per Farm: 1978

Data similar to that shown in State table 28 for the acreages of crops harvested and production by acreage size have been summarized at the county level, but have not been tabulated.

These summaries can be tabulated at a minimal cost depending on the detail of data requested.

For information on the availability and cost of unpublished tabulations, please write to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

NONSAMPLING ERRORS

Every census or survey is subject to errors. In addition to sampling variability, errors may arise from such sources as incorrect or incomplete reporting, processing, and the inability to obtain a report from each eligible reporting unit. Sampling variability is discussed in Statistical Adjustments.

Reported data in the census may be incorrect as a result of the misunderstanding of questions or because of the use of estimates in reporting. During processing, adjustments were made to data items which appeared to be inconsistent with other items reported for the same farm.

Respondents may have failed to provide all of the information requested. In some cases, the respondent may have indicated the presence of an item but not the amount. Imputations were made for missing data on the quantities and sales of crops and livestock but no imputations were made for place of residence or foreign ownership of land.

Careful efforts were made to keep errors introduced during clerical and electronic processing to a controlled level through the use of quality control, verification, and check measures on specific operations.

Extreme values in the direct enumeration sample (those contributing a substantial proportion of the estimated total) were reviewed individually and sometimes reduced. This will result in a possible downward bias in estimated totals.

Inclusion of the direct enumeration sample in 1978 resulted in a matching operation to identify names and addresses included in both the direct enumeration sample and the mail list. This matching operation was subjected to critical review and verification, including telephone calls to most respondents in the direct enumeration sample who were not matched in normal processing. Duplicates which were not identified during the matching process will result in an upward bias in estimated totals.

An adjustment was made for nonrespondent operations on the mail list. This adjustment employed sampling of both nonrespondent and respondent cases and variation from the adjustment is measured in sampling error; however, any systematic bias is not measured.

An evaluation of coverage is being conducted to measure the extent of undercount or overcount of farms in the census. A description of this evaluation is included in Census Coverage.

CENSUS COVERAGE

Although a complete and fully accurate count of farms, farmland, and farm production is the aim of each nationwide census of agriculture, the complex structure of America's agriculture makes this aim difficult to achieve. 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 agricultural operations, the difficulty of locating and identifying some types of farms, 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.

An evaluation of coverage has been conducted for each census of agriculture since 1945. Although the primary purpose of these evaluations is to identify problem areas and supply evidence as a basis for improvements, they also provide users of census data with estimates of the completeness of census counts. The results of the coverage evaluation study were published for the 1974 census in Volume IV, **Special Reports,** part 3. This report included estimates of the net percentage of all farms missed in the census. Farm counts for 1974, adjusted for this net undercount, are shown in appendix C.

The inclusion of a direct enumeration sample to supplement the mail list for the 1978 census partially eliminates the major source of undercoverage of farms, namely, incompleteness of the mail list. However, inaccurate counting may still occur because (1) by design, the sample omitted the selection of area segments in places that had 2,500 or more population in 1970; (2) direct enumeration sample interviewers may have under counted or over counted farms; and (3) respondents may have been misclassified as farms or nonfarms during processing.

The coverage evaluation for the 1978 census includes a re-enumeration of a subsample of the direct enumeration segments with matching and verification of differences, identification of operators not included on the mail list in places with 2,500 or more population in 1970 using supplemental questions on the Annual Housing Survey, and verification of the farm-nonfarm classification for a sample of respondents.

The changes in data collection procedures implemented for the 1978 census should substantially reduce undercoverage, and the proportion of farms not included in the census is expected to be between 2 and 3 percent for the United States. Results of the coverage evaluation and other evaluative material are included in volume 5.

STATISTICAL ADJUSTMENTS

Report forms were obtained and tabulated for all the identified larger farms (in general, those with expected sales of $80,000 or more). In the few instances where the operator did not supply the required information, data were obtained from secondary sources. By means of detailed, programed edit specifications, adjustments or corrections were made during the computer edit operation for internally incomplete or inconsistent data. The review procedures provided for computer printouts of edit changes that exceeded specified limits for the item. These changes were then reviewed for reasonableness by members of the processing staff and necessary corrections made.

Nonresponse

The statistics for each State and county were adjusted to account for nonrespondent smaller operations. The number of

farms for which adjustment was made was estimated on the basis of the results of a canvass of a random sample of mail list addressees who did not respond to the census during the regular followup period. The canvass, using an abbreviated form, was accomplished with the use of the mail and telephone. The sample for each State was designed to provide estimates of the number of nonrespondent farms with a relative standard error of approximately 6 percent. However, approximately one third of the sample could not be contacted resulting in a potential bias in the estimates. The sample estimate of the number of nonrespondent farms at the State level was allocated to strata at the county level using the number of nonrespondents and the proportion of census farms among respondents. A sample of respondent data records was selected by stratum and weighted to represent the nonrespondent farms.

Table A shows for selected items for the State the percent of the published total that the whole farm nonresponse adjustment represents. Adjustment for individual item nonresponse on respondent forms is not included in the percentages. These percentages indicate the potential for bias in published figures resulting from nonresponse, i.e., the extent to which the actual data for nonrespondents may not agree with the nonresponse adjustments. The probable range of difference is unknown. However, the degree of uncertainty regarding the accuracy of the data increases as the percentage of the total represented by the nonrespondent adjustment increases.

Direct Enumeration Sample

Because of undercoverage problems with the mail list for the 1969 and 1974 censuses, a direct enumeration area sample was included to supplement the mail list for the 1978 census. Enumeration district maps and data from the 1970 Census of Population and Housing were used to construct the sampling frame from which the direct enumeration sample was selected. The frame was stratified by State and by a farm density ratio (the ratio of farm households to total households). In this State, the selected sample consisted of 94 segments. The expected number of farms per segment varied by strata from none in residential areas to 12 in intensive farm areas and averaged about 10 farms. Farms enumerated in the direct enumeration sample were matched to the mail list and the data for the unmatched farms were weighted by the reciprocal of the probability of selection for the segment to make State estimates for farm operations not represented on the mail list.

Table A. **Percent of State Total Represented by Adjustment for Whole Farm Nonresponse: 1978**

Item	Percent of total
Farms	2.6
Land in farms	1.9
Value of agricultural products sold	1.0
Harvested cropland	1.7
Corn for grain or seed acres	(D)
Wheat for grain acres	.1
Inventory:	
Cattle and calves	1.2
Hens and pullets of laying age	.3
Hogs and pigs	1.9

Mail List Sampling

To obtain county data for appropriate items without burdening all farm operators, data for Sections 22 through 27 of the report form 78-A1(S) were collected only from a sample of farms. The sample was selected from the mail list and consisted of all addresses in a certainty stratum and a random sample of addresses from the noncertainty stratum. The certainty stratum consisted of all addresses meeting specified size criteria in terms of indicated acreage and/or value of sales. Certainty size criteria varied by State from 1,000 to 5,000 indicated acres and from $40,000 to $200,000 indicated value of sales based on historic or mail list source data. All addresses in counties with less than 100 farms in 1974 were also selected as certainty. Noncertainty addresses in counties with 100 to 199 farms in 1974 were sampled at a rate of 1 in 2, and noncertainty addresses in counties with 200 farms or more in 1974 were sampled at a rate of 1 in 5.

Several elements of the sampling from the mail list and associated data collection may introduce substantial variation and a potential bias into the resulting data. First, the mail list from which the sample was selected contained about 50 percent nonfarm names and addresses which were not identifiable at the time of selection. Both farm and nonfarm names and addresses were selected into the sample. As a result, the farm data actually tabulated came only from part of the sample, specifically the names and addresses which represented farms. Secondly, the stratification was based on size information from several sources and of varying quality. Size information was not available for a substantial proportion of the names and addresses. In addition, sample and nonsample forms may have been returned at a different rate by respondents.

In order to improve the precision and minimize the bias of estimates from the sample, post-stratification was used to produce estimates. Basically, this consisted of classifying all farms into relatively homogenous strata and weighting sample farms within each stratum by the ratio of total farms to sample farms.

Farms meeting certainty size criteria during sample selection and those identified during processing as meeting similar criteria were assigned to a certainty stratum. All other farms were assigned to 64 strata. Farms with sales of less than $2,500 were classified into eight size-of-farm groups (less than 10 acres, 10 to 49 acres, 50 to 69 acres, 70 to 99 acres, 100 to 199 acres, 200 to 259 acres, 260 to 499 acres, and 500 acres or more); within each of two value-of-sales groups (less than $1,500 and $1,500 to $2,499); within each of two type-of-farm groups (crop or general farms and livestock or poultry farms). Farms with sales of $2,500 or more were classified into four size-of-farm groups (less than 50 acres, 50 to 99 acres, 100 to 259 acres, and 260 acres or more); within each of the four value-of-sales groups ($2,500 to $4,999, $5,000 to $9,999, $10,000 to $19,999, and $20,000 or more); within each of two type-of-farm groups (crop or general farms and livestock or poultry farms).

Each stratum was examined and collapsed into another stratum if (1) the stratum contained less than 20 sample farms; or (2) the calculated weight for the stratum was greater than 10 in counties sampled at a rate of 1 in 5 and greater than 4 in counties sampled at a rate of 1 in 2.

The post-stratification provided weights to be assigned to farms in each of the final collapsed strata such that the total of the weights for sample farms in the stratum would be equal to the total number of farms in the stratum.

Estimates were prepared for items in Sections 22 through 27 of the report form by multiplying the data for each item for each farm in the sample by the weight assigned to the farm. The weight for a certainty farm was 1.

Reliability of Census Estimates

Sampling variability in census data may arise from several sources, some affecting all data and others affecting only certain items or geographic levels of tabulation.

The sampling involved in the imputation for nonrespondents affects all data items at all geographic levels of tabulation. However, farms above specified size limits were not eligible for selection to represent nonrespondents. The size limits varied by State from $60,000 to $150,000 and from 1,000 to 2,000 acres. As a result of these limits, the sampling variability arises primarily from smaller farms. For computing the estimates of variability due to weighting for nonresponse, the farms selected for weighting were considered to be a random sample of all farms in the stratum from which they were selected.

Estimates from the direct enumeration sample are not included in county totals but contribute to sampling variability of State totals for all data items.

The sample selected from the mail list provides estimated data only for Sections 22 through 27 of the report form. It contributes to sampling variability only for the items in these sections. Including the certainty farms and sample farms, data for Sections 22 through 27 were collected on approximately 26 percent of the farms nationwide.

Table B includes estimates of sampling reliability of State totals for a selected set of items. The estimates of sampling reliability for total number of farms, land in farms, harvested cropland, irrigated land, crops harvested, livestock, and value of agricultural products sold include components of variation for nonresponse imputation and for the direct enumeration sample. The component of variation for nonresponse imputation is relatively small and the direct enumeration sample is the major source of variation for these items. Estimates of sampling reliability for fertilizer use, chemical use, value of machinery and equipment, and value of land and buildings contain components of variation for the direct enumeration sample and the mail list sample.

Table C contains estimates of sampling reliability for the estimated number of farms in a county reporting an item in table D. These estimates of sampling reliability contain components of variation arising from the mail list sample. The approximate standard error in percent may be read directly from the table based on the number of farms reporting the item. For a number of farms not shown in the table, a linear interpolation will provide a reasonable approximation. These estimates should not be applied to counties indicated to be certainty in table D.

Table D shows estimates of the sampling variability of selected items for each county and for the portion of the State total pertaining to farms not on the mail list. Estimates for county totals contain variation from the mail list sample and estimates for the portion not on the mail list contain variation from the direct enumeration sample. Items for counties indicated to be certainty in the table are subject to some sampling error but this is expected to be small and is not included. Items in county publications with data collected from all farms contain a component of variation from nonrespondent imputation. This component is usually small and is not shown in the sampling variability tables.

The sample estimates and the estimates of standard errors presented in tables B, C, and D permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples.

If all possible samples were selected, each of these surveyed under essentially the same conditions, and an estimate and its estimated standard error were calculated from each sample, then:

a. Approximately 67 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average value of all possible samples.
b. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average value of all possible samples.

For example, suppose the estimated number of farms in a State is 50,000 with a relative standard error of 3.0 percent. Then the standard error is 1,500 (3.0 percent of 50,000) and the chances are 2 out of 3 (67 percent) that complete coverage using the same survey methods would yield between 48,500 and 51,500 farms.

As calculated, the standard error also partially measures the effect of nonsampling errors but does not measure the effect of any systematic biases in the data arising from incorrect reporting by respondents, adjustments for nonresponse, incomplete unduplication, or incomplete coverage of farms.

Table B. **Estimates of the Sampling Reliability of State Totals for Selected Items: 1978**

Item	All farms		Farms with sales of $2,500 or more	
	Quantity	Standard error (percent)	Quantity	Standard error (percent)
Farms....number..	7,273	4.8	4,835	2.7
Land in farms....acres..	1,752,940	2.2	1,479,685	1.1
Harvested cropland....farms..	6,582	3.6	4,602	2.7
acres..	580,792	.7	532,016	.6
Irrigated land....farms..	109	9.2	88	7.5
acres..	1,595	11.0	1,531	11.0
Agricultural products sold....farms..	7,273	5.1	4,835	2.7
$1,000..	274,318	.4	271,309	.4
Crops....farms..	2,198	5.7	1,357	8.6
$1,000..	17,475	1.3	16,513	1.3
Livestock, poultry, and their products....farms..	5,715	6.1	4,311	3.0
$1,000..	256,843	.4	254,796	.4
Value of machinery and equipment....farms..	7,268	4.8	4,857	2.7
$1,000..	225,195	1.6	206,233	1.6
Average value of land and buildings per farm....dollars..	161,885	3.2	195,715	1.8
Corn for grain or seed....farms..	171	6.4	149	6.1
acres..	(D)	(D)	6,829	4.8
bushels..	553,536	6.0	550,936	6.0
Wheat for grain....farms..	18	3.5	14	3.7
acres..	328	7.5	299	8.1
bushels..	10,622	10.0	10,257	11.0
Soybean for beans....farms..	1	.0	1	.0
acres..	(D)	(D)	(D)	(D)
bushels..	(D)	(D)	(D)	(D)
Cattle and calves inventory....farms..	5,395	2.5	4,089	3.1
number..	326,517	.6	313,270	.6
Cattle and calves sold....farms..	4,862	2.7	4,097	3.1
number..	161,875	.8	158,153	.8
$1,000..	29,078	1.0	28,308	1.1
Hogs and pigs inventory....farms..	1,072	12.0	498	4.6
number..	7,871	12.0	3,960	3.3
Hogs and pigs sold....farms..	576	21.0	228	7.1
number..	11,077	11.0	7,125	5.0
$1,000..	536	8.1	372	7.0
Sheep and lambs inventory....farms..	545	22.0	208	8.9
number..	9,002	15.0	5,252	21.0
Sheep and lambs sold....farms..	280	7.1	148	12.0
number..	5,695	17.0	4,362	22.0
Hens and pullets of laying age inventory....farms..	1,200	11.0	576	6.8
number..	504,525	10.0	492,715	10.0
Hens and pullets of laying age sold....farms..	137	8.9	79	2.0
number..	362,499	11.0	359,698	11.0
Commercial fertilizer used....farms..	4,632	3.2	3,736	1.7
acres..	369,395	1.9	355,364	1.9
Commercial fertilizer purchased....farms..	4,756	3.1	3,803	1.6
$1,000..	9,524	1.9	9,139	1.8
Agricultural chemicals purchased....farms..	4,049	6.0	3,281	4.0
$1,000..	2,810	2.7	2,632	2.6
Chemicals used on crops for insect control....farms..	1,147	21.0	822	15.0
acres..	38,295	7.2	34,362	6.1
Chemicals used on crops for disease control....farms..	386	11.0	256	12.0
acres..	9,872	7.8	9,142	8.1
Gasoline purchased....farms..	7,034	4.9	4,690	2.8
1,000 gallons..	8,538	2.0	(NA)	(NA)
$1,000..	5,342	2.0	4,980	2.1
Diesel fuel purchased....farms..	3,509	1.9	3,166	1.8
1,000 gallons..	5,209	2.1	(NA)	(NA)
$1,000..	2,657	2.1	2,599	2.1
Livestock and poultry purchased....farms..	3,492	4.0	2,474	5.5
$1,000..	16,104	3.2	15,364	3.2
Feed purchased....farms..	6,232	5.6	4,350	3.1
$1,000..	85,682	1.3	84,073	1.3
Hired farm labor....farms..	3,866	2.2	3,297	2.2
$1,000..	21,635	1.9	20,731	1.9

Table C. **Estimates of the Sampling Reliability of Farms Reporting an Item in the County: 1978**

Farms reporting item	Standard error (percent)	Farms reporting item	Standard error (percent)
25 farms	20.0	1,000 farms	(NA)
50 farms	18.0	1,500 farms	(NA)
100 farms	9.0	2,000 farms	(NA)
250 farms	6.0	3,000 farms	(NA)
500 farms	3.0	4,000 farms	(NA)
750 farms	.5	5,000 farms	(NA)

Table D. **Estimates of the Sampling Reliability of County Totals for Selected Items: 1978**

County	Average value of land and buildings per farm		Value of machinery and equipment		Acres fertilized		Chemicals used on crops for--			
							Insect control		Disease control	
	Value dollars	Standard error (percent)	Value ($1,000)	Standard error (percent)	Acres	Standard error (percent)	Acres	Standard error (percent)	Acres	Standard error (percent)
Addison	227,845	2.1	39,693	2.8	65,784	3.0	7,599	10.0	3,342	14.0
Bennington	197,230	5.6	4,859	4.8	7,630	6.3	740	29.0	347	12.0
Caledonia	145,402	5.1	13,763	8.4	23,599	11.0	1,022	17.0	274	12.0
Chittenden	234,113	3.1	15,078	5.3	20,082	5.5	3,285	18.0	126	44.0
Essex	129,469	.1	2,992	.1	3,911	.1	856	.1	131	.1
Franklin	172,463	2.9	34,967	3.4	65,655	3.3	6,467	14.0	559	1.8
Grand Isle	221,784	4.8	6,028	6.3	7,852	8.1	1,396	25.0	283	22.0
Lamoille	154,661	7.8	9,275	11.0	12,696	13.0	4,854	28.0	102	.1
Orange	148,309	3.8	15,853	3.5	22,816	6.5	1,395	13.0	235	22.0
Orleans	178,460	8.1	24,180	3.6	54,726	4.4	1,386	17.0	796	26.0
Rutland	188,691	5.0	18,553	6.9	33,452	7.8	3,356	13.0	619	7.9
Washington	136,237	4.2	9,220	4.7	14,180	9.1	724	8.9	43	49.0
Windham	209,859	7.0	7,937	6.4	13,255	9.6	1,533	13.0	1,364	12.0
Windsor	178,042	7.3	13,211	7.6	14,308	8.5	1,232	34.0	612	36.0
Farms not on mail list	79,300	31.0	9,587	17.0	9,449	30.0	2,450	72.0	1,039	47.0

County	Farm production expenses									
	Gasoline		Diesel fuel		Livestock and poultry purchased		Feed		Hired farm labor	
	Expense ($1,000)	Standard error (percent)	Expense ($1,000)	Standard error (percent)	Expense ($1,000)	Standard error (percent)	Expense ($1,000)	Standard error (percent)	Expense ($1,000)	Standard error (percent)
Addison	816	4.0	652	5.4	2,048	7.9	17,119	2.6	4,017	3.7
Bennington	120	6.0	51	11.0	129	15.0	1,332	7.2	404	6.4
Caledonia	327	9.2	136	9.7	975	14.0	5,773	5.6	1,291	10.0
Chittenden	366	7.4	206	4.5	995	8.0	6,092	3.2	1,994	3.6
Essex	85	.1	32	.1	198	.1	1,079	.1	344	.1
Franklin	675	4.4	441	3.3	3,332	5.2	15,492	2.3	3,584	3.7
Grand Isle	122	6.0	86	4.8	464	11.0	1,552	6.1	562	6.1
Lamoille	199	15.0	116	7.5	1,197	13.0	3,461	7.9	815	9.8
Orange	367	4.5	151	5.8	880	12.0	6,072	5.1	1,244	8.7
Orleans	708	4.7	260	7.5	2,719	6.2	11,279	3.4	2,031	5.8
Rutland	508	6.2	201	7.2	595	8.7	6,163	5.8	1,588	7.5
Washington	193	7.7	110	10.0	649	12.0	3,170	7.7	924	13.0
Windham	261	11.0	81	6.6	470	10.0	2,562	7.7	1,653	8.7
Windsor	334	7.3	85	10.0	474	18.0	3,169	9.8	1,083	14.0
Farms not on mail list	259	21.0	50	44.0	980	33.0	1,367	27.0	102	39.0

APPENDIX B. Farms by Current and Prior Definitions and Value of Agricultural Products Sold: 1978 and 1974

	Definition used for 1974 and 1978				Definition used for 1959, 1964, and 1969				Operations excluded by current definition but not by 1959 definition			
	Farms		Value of products sold ($1,000)		Farms		Value of products sold ($1,000)		Farms		Value of products sold ($1,000)	
	1978	1974	1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Vermont	7 273	5 906	274 318	207 889	11 343	6 345	275 040	207 991	4 070	439	722	102
Addison	700	724	53 019	38 587	766	756	53 039	38 596	66	32	20	9
Bennington	175	196	5 097	4 462	208	210	5 105	4 463	33	14	9	1
Caledonia	454	435	17 426	16 889	549	498	17 448	16 908	95	63	22	19
Chittenden	446	446	22 190	16 995	512	471	22 211	17 002	66	25	21	7
Essex	92	87	3 577	2 674	108	91	3 580	2 676	16	4	3	2
Franklin	752	780	48 226	34 945	797	813	48 237	34 953	45	33	11	8
Grand Isle	129	146	5 932	4 853	138	154	5 934	4 855	9	8	2	2
Lamoille	244	248	11 216	8 412	287	267	11 229	8 417	43	19	13	5
Orange	535	515	18 989	14 504	630	551	19 011	14 514	95	36	22	10
Orleans	637	666	33 640	24 419	690	686	33 656	24 423	53	20	15	4
Rutland	523	520	20 286	16 495	612	569	20 307	16 503	89	49	21	8
Washington	373	360	10 613	8 465	456	415	10 632	8 477	83	55	19	12
Windham	271	280	10 519	7 529	338	307	10 536	7 536	67	27	17	7
Windsor	521	503	10 150	8 659	634	557	10 180	8 669	113	54	30	10
Forms not on mail list	1 421	(NA)	3 437	(NA)	4 618	(NA)	3 933	(NA)	3 197	(NA)	497	(NA)

APPENDIX C. Comparison of 1974 Farm Counts With 1978 Farm Counts

The 1978 Census of Agriculture preliminary reports show that there are 2,475,171 farms in the continental United States (excluding Alaska and Hawaii). In 1974 there were 2,310,702 farms reported. However, these figures are not directly comparable because improvements in methodology and coverage account significantly for the higher 1978 counts. If the improved 1978 procedures had been used in 1974, an estimated 2.6 million farms would have been included in the census. It should be noted that farms missed in the 1974 census were generally small and affected the farm count to a greater degree than other data. The missed farms accounted for about 5 percent of the land in farms and 3 percent of the total value of agricultural products sold. This appendix briefly describes census procedures and provides 1974 farm counts adjusted for net missed farms and compared with 1978 farm counts.

The State totals from the 1978 Census of Agriculture are based on two separate sources.

The primary source is the mail portion of the census. As in the 1974 and 1969 censuses, this part of the operation involved mailing out a report form to each name believed to be associated with agriculture. Mail and telephone followups were used to secure the highest possible rate of return of completed forms from the operators of the Nation's farms.

However, the evaluation studies conducted show that some farms were missed in the 1974 and 1969 censuses. Despite every effort to assemble a complete list, some operators did not get on the mail list.

To improve the coverage of the 1978 census, additional mail list sources were used. Also, recognizing the shortcomings of the mail method, especially in counting the number of small farms, it was decided to take another step to ensure a more complete count.

The second step involved conducting a complete enumeration of all households in approximately 6,400 sample segments in rural areas in all States, except Alaska and Hawaii. Farms enumerated in this sample were matched to the mail list. The sample farms not located on the mail list provided reliable estimates by State of the number and characteristics of the farms not represented in the mail portion of the census.

Estimates for such farms are an integral part of the State counts in 1978, but they are not a part of the county counts. The sample was not large enough to provide reliable estimates for each county.

Because of the procedures described above, the State counts for 1978 are not directly comparable with the counts for 1974 and 1969.

To bridge the gap between the 1974 and the 1978 farm counts, this appendix provides adjusted farm counts for 1974 which are approximately comparable with farm counts for 1978.

The adjustment factors are based on data from table 13 of 1974 Census of Agriculture volume IV, Part 3, Coverage Evaluation, which presented data showing the estimated percent of farms missed and overcounted by regions and States. The estimated net percent of farms missed was derived by subtracting overcounted farms from missed farms.

The 1974 coverage evaluation did not include Alaska and Hawaii; thus the 1978 and the 1974 data for these States are exclusively from farms on the mail list. Improvements in the 1978 mail list, especially for Hawaii, have contributed to the increased farm counts.

Table A presents adjusted 1974 farm counts by value of agricultural products sold categories. For each State, the adjusted farm counts for the two value-of-sales categories were derived using the 1974 published farm counts and the net percent missed. The adjusted counts for the two size categories were then added together to obtain the adjusted State count. The State counts were summed to obtain division, region, and U.S. level counts. As a result, adjusted counts derived by summation may not be exactly consistent with the indicated percent missed. The 1978 farm counts are from the preliminary reports and may differ slightly from final counts.

Table B shows 1974 reported and adjusted counts compared with 1978 counts for regions by farm size and tenure of operator categories. Adjusted counts in these tables were proportionally adjusted to regional counts from table A and summed to the U.S. level. As a result, the indicated percent missed will not always agree with adjusted data.

All data published in 1974 were based on reported numbers. The adjusted counts should be used only for comparison with 1978 counts and not for comparison with other 1974 data.

Both the 1974 and 1978 farm counts are subject to sampling variability. For 1974, the coefficient of variation for the adjusted farm counts is approximately 0.4 percent at the U.S. level and ranges from 1.0 percent to 6.0 percent for individual States. Measures of sampling variability for 1978 counts are presented in appendix A.

Table A. **Farms by Areas and Value of Agricultural Products Sold: 1978 and 1974**

	Farms, 1978[1]	Farms, 1974			Percent change, adjusted 1974 to 1978
		Published	Net percent missed	Adjusted	
United States[2]	2,475,171	2,310,702	10.7	2,622,416	-5.6
Farms with sales of--					
$100,000 or more	223,268	152,850	-2.0	149,471	+49.4
$40,000 to $99,999	364,010	324,417	1.1	327,834	+11.0
$20,000 to $39,999	306,483	321,733	2.0	327,438	-6.4
$10,000 to $19,999	309,250	309,876	5.8	326,852	-5.4
$5,000 to $9,999	330,464	296,043	8.1	322,002	+2.6
$2,500 to $4,999	331,329	289,511	11.4	326,432	+1.5
Less than $2,500	610,367	616,272	25.9	842,387	-27.5
Northeast	149,385	127,531	16.5	152,730	-2.2
Farms with sales of--					
$100,000 or more	12,699	8,003	1.9	8,282	+53.3
$40,000 to $99,999	25,835	22,358	4.7	23,812	+8.5
$20,000 to $39,999	15,820	20,543	9.8	21,019	-24.7
$10,000 to $19,999	14,194	14,900	9.5	14,680	-3.3
$5,000 to $9,999	16,734	13,173	3.1	13,797	+21.3
$2,500 to $4,999	19,609	13,148	16.7	16,019	+22.4
Less than $2,500	44,494	35,406	35.5	55,121	-19.3
North Central	1,027,319	1,017,367	6.3	1,096,353	-6.3
Farms with sales of--					
$100,000 or more	106,649	69,440	-3.1	67,123	+58.9
$40,000 to $99,999	215,707	192,962	.2	192,692	+11.9
$20,000 to $39,999	173,422	194,488	2.3	198,391	-12.6
$10,000 to $19,999	148,064	165,864	4.0	172,189	-14.0
$5,000 to $9,999	126,879	131,677	6.1	139,755	-9.2
$2,500 to $4,999	103,363	103,914	10.6	115,841	-10.8
Less than $2,500	153,235	159,022	23.0	210,362	-27.2
South	1,016,070	930,099	15.2	1,107,200	-8.2
Farms with sales of--					
$100,000 or more	67,430	45,765	-2.7	44,568	+51.3
$40,000 to $99,999	84,887	73,981	3.2	76,455	+11.0
$20,000 to $39,999	85,965	75,791	1.6	77,051	+11.6
$10,000 to $19,999	116,407	99,629	8.2	108,567	+7.2
$5,000 to $9,999	155,115	124,106	10.4	138,561	+11.9
$2,500 to $4,999	174,997	145,243	11.6	164,350	+6.5
Less than $2,500	331,269	365,584	25.5	497,648	-33.4
West[2]	282,397	235,705	9.5	266,133	+6.1
Farms with sales of--					
$100,000 or more	36,490	29,642	.2	29,498	+23.7
$40,000 to $99,999	37,581	35,116	.0	34,875	+7.8
$20,000 to $39,999	31,274	30,911	.9	30,977	+1.0
$10,000 to $19,999	30,587	29,483	6.8	31,416	-2.6
$5,000 to $9,999	31,736	27,087	10.0	29,889	+6.2
$2,500 to $4,999	33,360	27,206	10.6	30,222	+10.4
Less than $2,500	81,369	56,260	27.8	79,256	+2.7
New England[3]	30,157	23,269	17.8	28,548	+5.6
Farms with sales of $2,500 or more	18,844	16,667	5.2	17,517	+7.6
Farms with sales of less than $2,500	11,313	6,602	39.6	11,031	+2.6
Middle Atlantic	119,228	104,262	16.2	124,182	-4.0
Farms with sales of $2,500 or more	86,047	75,458	5.7	80,092	+7.4
Farms with sales of less than $2,500	33,181	28,804	34.6	44,090	-24.7
New York	49,323	43,682	14.2	50,847	-3.0
Farms with sales of $2,500 or more	35,095	32,230	4.3	33,678	+4.2
Farms with sales of less than $2,500	14,228	11,452	33.3	17,169	-17.1
New Jersey	9,932	7,409	14.5	8,760	+13.4
Farms with sales of $2,500 or more	6,742	5,530	4.5	5,791	+16.4
Farms with sales of less than $2,500	3,190	1,879	36.7	2,969	+7.4
Pennsylvania	59,973	53,171	18.3	64,575	-7.1
Farms with sales of $2,500 or more	44,210	37,698	7.2	40,623	+8.8
Farms with sales of less than $2,500	15,763	15,473	35.4	23,952	-34.2
East North Central	452,213	444,695	7.1	486,098	-7.0
Farms with sales of $2,500 or more	366,051	360,619	2.9	371,995	-1.6
Farms with sales of less than $2,500	86,162	84,076	24.1	114,103	-24.5
Ohio	95,821	92,158	4.9	96,899	-1.1
Farms with sales of $2,500 or more	73,841	70,338	2.1	71,847	+2.8
Farms with sales of less than $2,500	21,980	21,820	12.9	25,052	-12.3
Indiana	88,458	87,915	7.2	95,341	-7.2
Farms with sales of $2,500 or more	71,681	70,986	3.6	73,637	-2.7
Farms with sales of less than $2,500	16,777	16,929	22.0	21,704	-22.7
Illinois	109,770	111,049	9.1	126,295	-13.1
Farms with sales of $2,500 or more	96,389	97,738	3.8	101,599	-5.1
Farms with sales of less than $2,500	13,381	13,311	46.1	24,696	-45.8

See footnotes at end of table.

Table A. **Farms by Areas and Value of Agricultural Products Sold: 1978 and 1974** – Con.

	Farms, 1978[1]	Farms, 1974			Percent change, adjusted 1974 to 1978
		Published	Net percent missed	Adjusted	
East North Central--Con.					
Michigan	68,158	64,094	9.9	71,213	-4.3
Farms with sales of $2,500 or more	47,767	46,670	6.0	49,649	-3.8
Farms with sales of less than $2,500	20,391	17,424	19.2	21,564	-5.4
Wisconsin	90,006	89,479	5.3	96,350	-6.6
Farms with sales of $2,500 or more	76,373	74,887	.5	75,263	+1.5
Farms with sales of less than $2,500	13,633	14,592	30.8	21,087	-35.3
West North Central	575,106	572,672	5.6	610,255	-5.8
Farms with sales of $2,500 or more	508,033	497,726	3.2	513,996	-1.2
Farms with sales of less than $2,500	67,073	74,946	21.8	96,259	-30.3
Minnesota	102,984	98,537	9.0	108,614	-5.2
Farms with sales of $2,500 or more	87,753	85,926	5.5	90,927	-3.5
Farms with sales of less than $2,500	15,231	12,611	28.7	17,687	-13.9
Iowa	126,379	126,104	4.4	133,125	-5.1
Farms with sales of $2,500 or more	117,704	117,142	3.2	121,014	-2.7
Farms with sales of less than $2,500	8,675	8,962	26.0	12,111	-28.4
Missouri	121,826	115,711	9.6	128,948	-5.5
Farms with sales of $2,500 or more	97,848	82,421	4.7	86,486	+13.1
Farms with sales of less than $2,500	23,978	33,290	21.6	42,462	-43.5
North Dakota	41,172	42,710	4.4	45,649	-9.8
Farms with sales of $2,500 or more	38,914	40,681	3.2	42,026	-7.4
Farms with sales of less than $2,500	2,258	2,029	44.0	3,623	-37.7
South Dakota	39,667	42,825	1.5	43,420	-8.6
Farms with sales of $2,500 or more	36,927	39,849	1.6	40,497	-8.8
Farms with sales of less than $2,500	2,740	2,976	-1.8	2,923	-6.3
Nebraska	65,991	67,597	.7	68,480	-3.6
Farms with sales of $2,500 or more	61,507	62,594	.0	62,594	-1.7
Farms with sales of less than $2,500	4,484	5,003	15.0	5,886	-23.8
Kansas	77,087	79,188	3.7	82,019	-6.0
Farms with sales of $2,500 or more	67,380	69,113	1.9	70,452	-4.4
Farms with sales of less than $2,500	9,707	10,075	12.9	11,567	-16.1
South Atlantic	325,678	296,103	16.6	362,451	-10.1
Farms with sales of $2,500 or more	216,297	189,339	7.0	203,934	+6.1
Farms with sales of less than $2,500	109,381	106,764	30.3	158,517	-31.0
Delaware and Maryland[3]	22,600	18,563	7.1	19,952	+13.3
Farms with sales of $2,500 or more	17,287	14,592	3.0	15,043	+14.9
Farms with sales of less than $2,500	5,313	3,971	19.1	4,909	+8.2
Virginia	56,685	52,699	13.5	61,636	-8.0
Farms with sales of $2,500 or more	38,416	31,738	4.5	33,234	+12.6
Farms with sales of less than $2,500	18,269	20,961	26.2	28,402	-35.7
West Virginia	20,619	16,909	33.0	26,195	-21.3
Farms with sales of $2,500 or more	9,603	6,122	11.7	6,933	+38.5
Farms with sales of less than $2,500	11,016	10,787	44.0	19,262	-42.8
North Carolina	89,477	91,280	14.1	105,774	-15.4
Farms with sales of $2,500 or more	64,897	62,518	9.2	68,852	-5.7
Farms with sales of less than $2,500	24,580	28,762	22.1	36,922	-33.4
South Carolina	33,450	29,275	22.8	43,034	-22.3
Farms with sales of $2,500 or more	18,979	17,534	.8	17,675	+7.4
Farms with sales of less than $2,500	14,471	11,741	53.7	25,359	-42.9
Georgia	58,682	54,911	13.2	63,133	-7.1
Farms with sales of $2,500 or more	38,906	35,874	8.1	39,036	-.3
Farms with sales of less than $2,500	19,776	19,037	21.0	24,097	-17.9
Florida	44,165	32,466	22.6	42,727	+3.4
Farms with sales of $2,500 or more	28,209	20,961	9.5	23,161	+21.8
Farms with sales of less than $2,500	15,956	11,505	41.2	19,566	-18.5
East South Central	318,640	306,010	14.8	360,164	-11.5
Farms with sales of $2,500 or more	211,915	171,372	7.8	185,880	+14.0
Farms with sales of less than $2,500	106,725	134,638	22.3	174,284	-38.8
Kentucky	110,002	102,053	10.5	113,897	-3.4
Farms with sales of $2,500 or more	83,433	67,662	6.3	72,211	+15.5
Farms with sales of less than $2,500	26,569	34,391	17.5	41,686	-36.3
Tennessee	96,792	93,659	18.8	115,683	-15.3
Farms with sales of $2,500 or more	63,407	48,320	11.2	54,414	+16.3
Farms with sales of less than $2,500	33,385	45,339	26.0	61,269	-45.5

See footnotes at end of table.

Table A. **Farms by Areas and Value of Agricultural Products Sold: 1978 and 1974** – Con.

	Farms, 1978[1]	Farms, 1974			Percent change, adjusted 1974 to 1978
		Published	Net percent missed	Adjusted	
East South Central--Con.					
Alabama	57,540	56,678	13.3	64,821	-11.2
Farms with sales of $2,500 or more	34,665	29,303	7.5	31,679	+9.4
Farms with sales of less than $2,500	22,875	27,375	17.4	33,142	-31.0
Mississippi	54,306	53,620	17.2	65,763	-17.4
Farms with sales of $2,500 or more	30,410	26,087	5.4	27,576	+10.3
Farms with sales of less than $2,500	23,896	27,533	27.9	38,187	-37.4
West South Central	371,752	327,986	14.5	384,585	-3.3
Farms with sales of $2,500 or more	256,589	203,804	7.3	219,738	+16.8
Farms with sales of less than $2,500	115,163	124,182	25.0	164,847	-30.1
Arkansas	58,788	50,959	16.7	61,489	-4.4
Farms with sales of $2,500 or more	40,669	31,299	10.0	34,777	+17.0
Farms with sales of less than $2,500	18,119	19,660	26.4	26,712	-32.2
Louisiana	38,973	33,240	23.7	43,264	-9.9
Farms with sales of $2,500 or more	22,683	18,580	12.3	21,186	+7.1
Farms with sales of less than $2,500	16,290	14,660	33.6	22,078	-26.2
Oklahoma	79,530	69,719	11.7	79,243	+.4
Farms with sales of $2,500 or more	58,781	47,833	5.6	50,671	+16.0
Farms with sales of less than $2,500	20,749	21,886	23.4	28,572	-27.4
Texas	194,461	174,068	12.6	200,589	-3.1
Farms with sales of $2,500 or more	134,456	106,092	6.2	113,104	+18.9
Farms with sales of less than $2,500	60,005	67,976	22.3	87,485	-31.4
Mountain[3]	127,881	111,868	6.7	122,588	+4.3
Farms with sales of $2,500 or more	97,876	90,449	2.4	92,673	+5.6
Farms with sales of less than $2,500	30,005	21,419	28.4	29,915	+.3
Pacific[2]	154,516	123,837	11.6	143,545	+7.6
Farms with sales of $2,500 or more	103,152	88,996	5.6	94,204	+9.5
Farms with sales of less than $2,500	51,364	34,841	27.5	49,341	+4.1
Washington	37,778	29,410	10.8	32,999	+14.5
Farms with sales of $2,500 or more	24,737	21,079	6.4	22,520	+9.8
Farms with sales of less than $2,500	13,041	8,331	20.5	10,479	+24.5
Oregon	34,875	26,753	15.5	31,788	+9.7
Farms with sales of $2,500 or more	21,071	17,043	6.3	18,189	+15.8
Farms with sales of less than $2,500	13,804	9,710	28.6	13,599	+1.5
California	81,863	67,674	10.5	78,758	+3.9
Farms with sales of $2,500 or more	57,344	50,874	4.9	53,495	+7.2
Farms with sales of less than $2,500	24,519	16,800	33.5	25,263	-2.9

[1]Data are from preliminary reports and may differ slightly from final counts.
[2]Alaska and Hawaii not included.
[3]Data not compiled for individual States.

Table B. **Farms by Size of Farm and Tenure of Operator: 1978 and 1974**

	Farms, 1978[1]	Farms, 1974			Percent change, adjusted 1974 to 1978
		Published	Net percent missed	Adjusted	
UNITED STATES[2]					
Farms	2,475,171	2,310,702	10.7	2,622,416	-5.6
Farms by size:					
1 to 9 acres	213,110	126,604	26.1	174,773	+21.9
10 to 49 acres	474,535	378,631	22.9	494,024	-3.9
50 to 179 acres	813,944	827,506	11.0	936,797	-13.1
180 to 499 acres	596,268	615,913	3.9	646,957	-7.8
500 acres or more	377,314	362,048	1.5	369,865	+2.0
Tenure of operator:					
Full owner	1,450,414	1,422,367	13.0	1,650,942	-12.1
Part owner	712,844	627,648	5.2	667,402	+6.8
Tenant	311,913	260,687	12.6	304,072	+2.6
NORTHEAST					
Farms	149,385	127,531	16.5	152,730	-2.2
Farms by size:					
1 to 9 acres	13,534	7,689	16.8	9,301	+45.5
10 to 49 acres	28,098	19,416	31.2	28,403	-1.1
50 to 179 acres	61,017	54,901	17.1	66,655	-8.5
180 to 499 acres	38,288	37,864	6.0	40,542	-5.6
500 acres or more	8,448	7,661	1.5	7,829	+7.9
Tenure of operator:					
Full owner	93,880	83,389	19.5	103,110	-9.0
Part owner	43,680	36,112	4.9	37,797	+15.6
Tenant	11,825	8,030	32.4	11,823	.0
NORTH CENTRAL					
Farms	1,027,319	1,017,367	6.3	1,096,353	-6.3
Farms by size:					
1 to 9 acres	58,168	36,065	30.8	52,227	+11.4
10 to 49 acres	138,016	108,756	18.5	133,716	+3.2
50 to 179 acres	324,583	350,343	6.8	376,663	-13.8
180 to 499 acres	321,482	345,610	2.5	355,187	-9.5
500 acres or more	185,070	176,593	.9	178,560	+3.6
Tenure of operator:					
Full owner	542,504	568,866	7.5	620,166	-12.5
Part owner	334,287	313,364	4.0	329,173	+1.6
Tenant	150,528	135,137	7.3	147,014	+2.4
SOUTH					
Farms	1,016,070	930,099	15.2	1,107,200	-8.2
Farms by size:					
1 to 9 acres	95,711	55,659	31.1	81,428	+17.5
10 to 49 acres	232,908	194,050	24.2	258,033	-9.7
50 to 179 acres	370,928	369,648	4.0	433,227	-14.4
180 to 499 acres	197,023	196,395	7.8	214,701	-8.2
500 acres or more	119,500	114,347	3.8	119,811	-.3
Tenure of operator:					
Full owner	633,455	623,219	17.4	757,206	-16.3
Part owner	264,029	214,061	7.5	232,239	+13.7
Tenant	118,586	92,819	20.9	117,755	+.7
WEST[2]					
Farms	282,397	235,705	9.5	266,133	+6.1
Farms by size:					
1 to 9 acres	45,697	27,191	12.7	31,817	+43.6
10 to 49 acres	75,513	56,409	22.0	73,872	+2.2
50 to 179 acres	57,416	52,614	10.8	60,252	-4.7
180 to 499 acres	39,475	36,044	-.8	36,527	+8.1
500 acres or more	64,296	63,447	-1.8	63,665	+1.0
Tenure of operator:					
Full owner	180,575	146,893	12.1	170,460	+5.9
Part owner	70,848	64,111	4.1	68,193	+3.9
Tenant	30,974	24,701	8.3	27,480	+12.7

[1]Data are from the preliminary reports and may differ slightly from final counts.
[2]Alaska and Hawaii not included.

APPENDIX D. Report Forms

DUE BY FEBRUARY 15, 1979

Form Approved: O.M.B. No. 41-S78025

NOTICE Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only 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.

In correspondence pertaining to this report, please refer to the 11-digit Census File Number (CFN)

(Please correct errors in name, address, and ZIP code.)

FORM 78-A1(N) (4-10-78)

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

AGRICENSUS USA '78

1978 CENSUS OF AGRICULTURE

COMPLETE AND RETURN TO: Bureau of the Census, 1201 East Tenth Street, Jeffersonville, Indiana 47132

Note Please read the Information Sheet before completing the form.

If book figures are not available, reasonable estimates may be used. If filing by Feb. 15 causes an undue burden, a time extension request may be sent to the above address. Include your 11-digit Census File Number (CFN) as shown in your address label in all correspondence to us.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report. — —

CENSUS USE ONLY	035	036	037	038
	039	040	041	042

SECTION 1 ACREAGE IN 1978

If the acres you operated in 1978 changed during the year, refer to the INFORMATION SHEET, Section 1.

Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE – cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

	None	Number of acres
1. All land owned	☐	043
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below.	☐	044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below.	☐	045
4. ACRES IN THIS PLACE – ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space.		046

For this census report these are the "ACRES IN THIS PLACE."
If the entry is zero please refer to the INFORMATION SHEET, Section 1.

5. If you rented land FROM OTHERS (item 2) enter the following information for each landlord.

Name of landlord	Mailing address (Include ZIP code)	Number of acres
		047
		048
		049

List additional landlords on a separate sheet of paper.

6. If you rented land TO OTHERS (item 3), enter the following information for each renter.

Name of renter	Mailing address (Include ZIP code)	Number of acres
		050
		051
		052

List additional renters on a separate sheet of paper.

a. Of the land you rented or leased to others, how many acres did you own? None ☐ 053 _____ Acres

7. During 1978, did you have any Federal or State grazing permits on a per-head basis; such as Forest Service, Taylor Grazing, Indian Reservations, etc.? 054 1 ☐ Yes 2 ☐ No

8. How many set aside acres did you have in the Federal Farm Program in 1978? None ☐ 055 _____ Acres

9. LOCATION OF AGRICULTURAL ACTIVITY FOR THIS PLACE

		County name	State	Number of acres
a. In what county was the largest value of your agricultural products raised or produced?	Principal county →			056
b. If you also have agricultural operations in any other county(ies), enter the county name(s), etc.	Other counties			057
				058
				059

INSTRUCTIONS Sections 2 through 8 provide space for reporting crops harvested during 1978. Please report your crops in the appropriate section. Do not include crops grown on land rented to others. Use section 8 to report ONLY those crops NOT listed in sections 2 through 7.

SECTION 2 Were any of the FOLLOWING CROPS harvested from this place in 1978?

	None	Acres harvested	Quantity harvested	Acres irrigated
1. Field corn for grain or seed (Report quantity on a shelled-weight basis)	☐	067	068 Bu. OR 1 Cwt.	069
2. Field corn for silage or green chop	☐	070	071 Tons, green	072
3. Wheat for grain	☐	073	074 Bu.	075
4. Oats for grain	☐	076	077 Bu.	078
5. Barley for grain	☐	079	080 Bu.	081
6. Sorghums for grain or seed (include milo)	☐	082	083 Bu. OR 1 Lbs.	084
7. Sorghums for silage or green chop (exclude sorghum-sudan crosses)	☐	085	086 Tons, green	087
8. Soybeans for beans	☐	088	089 Bu.	090
9. Cotton	☐	091	092 Bales	093
10. Tobacco – all types	☐	094 /10	095 Lbs.	096 /10
11. Irish potatoes	☐	097 /10	098 Cwt.	099 /10
12. Sweetpotatoes and yams	☐	100 /10	101 Bu.	102 /10

SECTION 3 Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from this place in 1978? *(Include sorghum-sudan crosses and hay cut from pastures.)*

003 1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 4*

If cuttings were made for both dry hay and grass silage, haylage, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE, and GREEN CHOP.

	Acres harvested	Quantity harvested (Report either dry or green weight as indicated)	Acres irrigated
DRY HAY *(If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.)*			
1. Alfalfa and alfalfa mixtures for hay or dehydrating	103	104 Tons, dry	105
2. Small grain hay – oats, wheat, barley, etc.	106	107 Tons, dry	108
3. Other tame dry hay, clover, lespedeza, timothy, Bermuda grass, Sudan grass, etc.	109	110 Tons, dry	111
4. Wild hay	112	113 Tons, dry	114
GRASS SILAGE, HAYLAGE, AND GREEN CHOP *(If two or more cuttings of grass silage, haylage, or green chop were made from the same acres, report acres only once, but report total tons from all cuttings.)*			
5. Grass silage and haylage	115	116 Tons, green	117
6. Hay crops cut and fed green (green chop)	118	119 Tons, green	120

SECTION 4 **Was there a combined total of 20 or more FRUIT TREES, including GRAPEVINES, CITRUS and NUT TREES ON THIS PLACE in 1978?** (Do not include abandoned trees)

004 1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 5*

	Total acres		Acres irrigated	
	Whole acres	Tenths	Whole acres	Tenths
1. TOTAL ACRES in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees on this place	121	/10	122	/10

2. From the list at the right, enter name and code for the fruit trees, grapevines, and nut trees on this place in 1978. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc. For interplanted trees, estimate the area covered by each kind of fruit. If other crops were interplanted with trees, see Information Sheet.

Crop name	Code	Number of trees or vines of – Nonbearing age	Number of trees or vines of – Bearing age	Acres in trees and vines of all ages – Whole acres	Acres in trees and vines of all ages – Tenths	Quantity harvested	Unit of measure (Mark one) Lbs.	Tons	Boxes	Lbs. per box
			1	2	/10	3	4 ☐1	☐2	☐3	5
			1	2	/10	3	4 ☐1	☐2	☐3	5
			1	2	/10	3	4 ☐1	☐2	☐3	5
			1	2	/10	3	4 ☐1	☐2	☐3	5
			1	2	/10	3	4 ☐1	☐2	☐3	5

If more space is needed, use separate sheet of paper.

NONCITRUS CROPS	Code
Apples	123
Apricots	129
Avocados – *See Information Sheet*	135
Cherries	147
Grapes – dry weight	171
Grapes – fresh weight	177
Olives – *See Information Sheet*	207
Peaches	225
Pears	231
Plums and prunes – fresh weight	243
Prunes – dry weight	249
Other noncitrus – *Specify*	261

CITRUS CROPS (*Report quantity harvested in 1977–78 from bloom of 1977*)	Code
Grapefruit	267
Lemons	279
Oranges	297
Tangelos	303
Tangerines and mandarins	309
Other citrus – *Specify*	315

NUT CROP (*Report quantity in the shell*)	Code
Almonds	321
Filberts and hazelnuts	327
Pecans, improved	339
Pecans, wild and seedling	345
Walnuts (English or Persian)	357
Other nut trees – *Specify*	363

SECTION 5 **Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from this place in 1978?**

005 1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 6*

For Florida, report for September 1, 1977 through August 31, 1978 harvest season; for all other States report for calendar year 1978.

	Acres		Acres irrigated	
	Whole acres	Tenths	Whole acres	Tenths
1. Land from which vegetables were harvested in 1978	375	/10	376	/10

2. From the list below, enter the crop name and code for each crop harvested in 1978. *If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 6.*

Crop name	Code	Acres harvested		Acres irrigated	
			/10	1	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10

If more space is needed, use separate sheet of paper.

Crop name	Code	Crop name	Code	Crop name	Code
Asparagus	379	Cucumbers and pickles	411	Peppers, sweet	443
Beans, snap (bush and pole)	381	Eggplant	415	Peppers, hot	445
Beets	383	Garlic	421	Pumpkins	449
Broccoli	385	Honeydew melons	423	Radishes	451
Cabbage	391	Lettuce and romaine	427	Spinach	457
Cantaloups and Persian melons	395	Lima beans, green	429	Squash	459
Carrots	397	Mustard greens	431	Sweet corn	461
Cauliflower	399	Onions, dry	433	Tomatoes	463
Celery	401	Onions, green	435	Turnips	465
Collards	407	Okra	437	Turnip greens	467
Cowpeas (blackeyed and other green cowpeas)	409	Peas, green, including English (exclude green cowpeas)	441	Watermelons	473
				Other vegetables – *Specify*	475

SECTION 6 **Were any NURSERY and GREENHOUSE PRODUCTS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, or MUSHROOMS grown FOR SALE on this place in 1978?**

006 1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 7*

	None	Area irrigated – Square feet	Acres	Tenths
1. Nursery and greenhouse products irrigated in 1978	☐	477	478	/10

2. From the list below, enter the product name and code for each product grown.

Product name	Code	Square feet under glass or other protection in 1978	Acres in the open in 1978 – Whole acres	Tenths	Sales in 1978 – Dollars	Cents
			1	/10	2 $	
			1	/10	2 $	
			1	/10	2 $	

If more space is needed, use separate sheet of paper.

Product name	Code	Product name	Code
Bedding plants (include vegetable plants)	479	Foliage and flowering plants	491
Bulbs	482	Mushrooms	494
Cut flowers and cut florist greens	485	Sod harvested	497
Nursery products – environmentals, lining-out stock, fruit and nut trees, and vines	488	Vegetable and flower seeds	500
		Greenhouse vegetables	503
		Other – *Specify*	506

SECTION 7 **Were any STRAWBERRIES, CRANBERRIES, or OTHER BERRIES harvested FOR SALE from this place in 1978?**

007 1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 8*

From the list below, enter crop name and code. *Report quantity harvested in unit specified with crop name.*

Crop name	Code	Acres harvested – Whole acres	Tenths	Quantity harvested	Acres irrigated – Whole acres	Tenths
			/10	1	2	/10
			/10	1	2	/10
			/10	1	2	/10

If more space is needed, use separate sheet of paper.

Crop name	Code	Crop name	Code
Blackberries and dewberries (pounds)	509	Raspberries (pounds)	533
Blueberries, tame (pounds)	512	Strawberries (pounds)	536
Blueberries, wild (pounds)	515	All other berries (pounds) – *Specify*	539
Cranberries (100-lb. barrels)	521		

SECTION 8 **Were any OTHER CROPS harvested from this place in 1978 – rice, peanuts, field seeds, sugar crops, or other crops not previously reported?**

008 1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 9*

From the list below, enter crop name and code. *Report quantity harvested in unit specified with crop name.*

Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated
			1	2
			1	2
			1	2
			1	2
			1	2
			1	2
			1	2

If more space is needed, use separate sheet of paper.

Crop name	Code	Crop name	Code
Alfalfa seed (pounds)	542	Proso millet (bushels)	665
Beans, dry field and seed (100-pound bags)	554	Red clover seed (pounds)	671
Beans, dry lima (100-pound bags)	557	Rice – (100-pound bags) or	677
Buckwheat (bushels)	575	Rice – (bushels) or	680
Corn cut for dry fodder, hogged or grazed (report acres only)	581	Rice – (barrels)	683
Cowpeas for dry peas (bushels)	584	Rye for grain (bushels)	686
Emmer and spelt (bushels)	599	Ryegrass seed (pounds)	689
Fescue seed (pounds)	602	Safflower (pounds)	692
Flaxseed (bushels)	605	Sorghums cut for dry forage or hay (tons, dry weight)	698
Grains, mixed (bushels)	614	Sorghums hogged or grazed	701
Kentucky Bluegrass seed (pounds)	629	Sugar beets for sugar (tons)	719
Lespedeza seed (pounds)	636	Sugarcane for sugar (tons) – *See Information Sheet*	722
Mint for oil (pounds of oil)	644	Sugarcane for seed (tons)	725
Peanuts for nuts (pounds)	656	Sunflower seed (pounds)	734
Peas, dry field and seed (pounds)	659	Timothy seed (pounds)	746
Popcorn (pounds, shelled)	662	Other crops (pounds) – *Specify*	773

SECTION 9 GROSS VALUE of CROPS SOLD from this place in 1978, BEFORE taxes and expenses *(Refer to the INFORMATION SHEET, Section 9.)*

Report your best estimate of the value for each of the following groups of crops sold from this place in 1978. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.

	None	Dollars	Cents
1. Grains sold in 1978, including Government CCC loans – corn for grain, grain sorghums, rice, wheat and other small grains, soybeans, dry beans, dry peas and cowpeas, flaxseed, sunflower seed, popcorn, and safflower	☐	776 $	
a. Of the total, how much was received in 1978 from Government CCC loans?	☐	777 $	
2. Cotton and cottonseed, including Government CCC loans	☐	778 $	
a. Of the total, how much was received in 1978 from Government CCC loans?	☐	779 $	
3. Tobacco	☐	780 $	
4. Field seeds, grass seeds, hay, forage, and silage	☐	781 $	
5. Vegetables, sweet corn, and melons – *DO NOT include Irish potatoes or sweetpotatoes, report them in Item 8 below.*	☐	782 $	
6. Fruits, nuts, berries – apples, peaches, grapes, citrus, pecans, strawberries, etc.	☐	783 $	
7. Nursery and greenhouse products	☐	784 $	
8. Other crops – peanuts, Irish potatoes, sweetpotatoes, sugar beets, sugarcane, mint for oil, hops, etc. – *Specify* _____	☐	785 $	

SECTION 10 LAND USE IN 1978

1. Copy ACRES IN THIS PLACE from section 1, item 4, page 1 _____ Acres

NOTE: If the same land had more than one use in 1978, REPORT THAT LAND ONLY ONCE – in the use first listed below that applies. For example, cropland harvested and also pastured is to be reported only as "Cropland harvested."

2. CROPLAND	None	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 products.*	☐	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 used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	☐	789
d. Cropland on which all crops failed *(Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in Item 2a.)*	☐	790
e. Cropland in cultivated summer fallow	☐	791
f. Cropland idle	☐	793
3. **Woodland** – *Include all woodlots and timber tracts and cutover and deforested land with young timber growth.* a. Woodland pastured	☐	794
b. Woodland not pastured	☐	795
4. **Other pastureland and rangeland** – *Include any pastureland other than cropland and woodland pasture*	☐	796
5. **All other land** – Land in house lots, ponds, roads, wasteland, etc. *Include any land not reported in items 2 through 4 above*	☐	797
6. **TOTAL ACRES** – *Add the acres reported in Items 2 through 5 (Should be the same as Item 1 above.)*		798

SECTION 11 Was any LAND in this place IRRIGATED at any time in 1978?

Irrigated land is all land watered by any artificial or controlled means – sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.

011 1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 12*

1. How many acres of each of the following classifications of land were irrigated in 1978?	None	Number of acres irrigated
a. HARVESTED LAND reported in section 10, item 2a – *Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops.*	☐	799
b. PASTURELAND or RANGELAND reported in section 10, items 2b and 4 – *Include spring flooding if water diverted or spread by dams, spreader dikes, canals, ditches, pipes, or other works.*	☐	800
c. ANY OTHER LANDS – Such as land not harvested due to complete failure, idle land, land in cultivated summer fallow, or land in cover crops and soil-improvement grasses	☐	801
d. **TOTAL LAND IRRIGATED** *(Total of a, b, and c above.)*		802

SECTION 12 Did you or anyone else have any CATTLE or CALVES on this place in 1978?

012 1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 13*

• DECEMBER 31, 1978 INVENTORY	None	INVENTORY Number on this place Dec. 31, 1978
1. CATTLE AND CALVES of all ages *(Total of a, b, c, and d below)*	☐	803 Total all ages
a. BEEF COWS – *Include beef heifers that had calved*	☐	804 Beef cows
b. MILK COWS kept for production of milk or cream for sale or home use – *Include dry milk cows and milk heifers that had calved*	☐	805 Milk cows
c. HEIFERS AND HEIFER CALVES – *Exclude heifers that had calved*	☐	806 Heifers and heifer calves
d. STEERS, STEER CALVES, BULLS AND BULL CALVES	☐	807 Steers and bulls of all ages

• CATTLE AND CALVES SOLD FROM THIS PLACE IN 1978 *Include those fed on this place on a contract or custom basis. Also report as sold, cattle moved from this place to a feedlot for further feeding.*	None	Number sold in 1978	Gross value of sales Dollars	Cents
2. Calves weighing less than 500 pounds	☐	808	809 $	
3. Cattle, including calves weighing 500 pounds or more	☐	810	811 $	
a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?	☐	812	813 $	

• DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1978	None	Gross value of sales Dollars	Cents
4. Gross value of sales of DAIRY PRODUCTS from this place in 1978. *Report goat dairy products in section 15*	☐	814 $	

SECTION 13 Did you or anyone else have any HOGS or PIGS on this place in 1978?

013 1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 14*

• DECEMBER 31, 1978 INVENTORY	None	INVENTORY Number on this place Dec. 31, 1978
1. HOGS and PIGS of all ages *(Total of a and b below)*	☐	815 Total
a. HOGS and PIGS used or to be used for BREEDING	☐	816 Breeding
b. OTHER HOGS and PIGS	☐	817 Other

• **LITTERS FARROWED**

2. LITTERS FARROWED on this place between –	None	Number of litters
a. December 1, 1977 and May 31, 1978	☐	818
b. June 1, 1978 and November 30, 1978	☐	819

• HOGS AND PIGS SOLD	None	Number sold in 1978	Gross value of sales Dollars	Cents
3. HOGS and PIGS SOLD from this place in 1978	☐	820	821 $	
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?	☐	822	823 $	

SECTION 14 Did you or anyone else have any SHEEP or LAMBS on this place in 1978?

014 1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 15*

	None	INVENTORY Number on this place Dec. 31, 1978	SALES Number sold in 1978
1. SHEEP and LAMBS of all ages	☐	824	825
a. EWES 1 year old or older	☐	826	

	None	Number shorn	Pounds of wool shorn
2. SHEEP and LAMBS SHORN	☐	827	828

	None	Gross value of sales Dollars	Cents
3. What was the gross value of sales of sheep, lambs, and wool from this place in 1978?	☐	829 $	

SECTION 15 Did you or anyone else have any HORSES, BEES, FISH, OTHER LIVESTOCK, or ANIMAL SPECIALTIES in 1978? 015

1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 16*

	None	INVENTORY Number on this place Dec. 31, 1978	Total number sold in 1978	Gross value of sales Dollars	Cents
1. Horses and ponies of all ages	☐	830	831	832 $	
2. Mules, burros, and donkeys	☐	833	834	835 $	
3. Mink and their pelts	☐	836	837	838 $	
a. Mink females used for breeding	☐	863			
4. Other livestock or animal specialties in captivity *(Enter name and code from "List A" below.)* Name _____ Code _____			1	2 $	

	Acres under water for aquaculture	Total quantity sold in 1978	Gross value of sales Dollars	Cents
5. Livestock or animal products *(Enter name and code from "List B" below.)* Name _____ Code _____		2 Pounds OR Gallons	1 $	
6. Fish and other aquaculture products *(Enter name and code from "List C" below.)* Name _____ Code _____	/10	1 Pounds OR 3 Number	2 $	

List A

Name	Code	Name	Code	Name	Code
Colonies of bees	839	Other goats	848	Worms	857
Angora goats	842	Rabbits and their pelts	851	All other livestock – *Specify*	860
Milk goats	845	Chinchillas and their pelts	854		

List B

Name	Code
Mohair sold	864
Goats milk sold	866
Honey sold	868
Other livestock products – *Specify*	870

List C

Name	Code	Name	Code
Catfish	872	Other fish – *Specify*	884
Trout	876	Other aquaculture products – *Specify*	888
Tropical and baitfish	880		

If more space is needed, use separate sheet of paper

SECTION 16 Did you or anyone else have any POULTRY such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1978? *(Include poultry grown for others on a contract basis.)* 016

1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 17*

	None	INVENTORY Number on this place Dec. 31, 1978	Total number sold in 1978
1. HENS and PULLETS of laying age	☐	892	893
2. PULLETS 3 months old or older not yet of laying age	☐	894	895
3. PULLET CHICKS and PULLETS under 3 months old *(Exclude commercial broilers.)*	☐	896	897
4. BROILERS, fryers, and other meat type chickens, including capons and roasters	☐	898	899
5. TURKEYS a. Turkeys for slaughter *(Exclude breeders.)*	☐	900	901
b. Turkey HENS kept for breeding	☐	902	903
6. OTHER POULTRY raised in captivity – ducks, geese, pigeons or squab, pheasants, quail, etc. *(Enter poultry name and code from the list below.)* Poultry name _____ Code _____			1
Poultry name _____ Code _____			1

Name	Code	Name	Code	Name	Code
Ducks	904	Pigeons or squab	908	Quail	912
Geese	906	Pheasants	910	All other poultry – *Specify*	914

	None	Number
7. POULTRY HATCHED on this place in 1978 and placed or sold – chickens, turkeys, ducks, etc. – *Specify kind of poultry* _____	☐	916 / 917
8. Incubator egg capacity on December 31, 1978	☐	

	None	Gross value of sales Dollars	Cents
9. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1978? *Include estimated value of poultry and poultry products moved from this place by contractors and others.*	☐	918 $	

SECTION 17 Income from MACHINE WORK, CUSTOMWORK, and OTHER AGRICULTURAL SERVICES PROVIDED for others in 1978

	None	Dollars	Cents
Total amount received from machine work, customwork, and other agricultural services PROVIDED FOR OTHERS in 1978 – planting, plowing, spraying, harvesting, etc.	☐	919 $	

Specify kind of work done _____

SECTION 18 During 1978 did you SELL any crops, livestock, or livestock products DIRECTLY to individuals FOR HUMAN CONSUMPTION – roadside stands, farmers markets, pick your own, etc.? 018

1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 19*

	Dollars	Cents
1. What was the gross value of these direct sales?	920 $	

Specify products sold – vegetables, eggs, etc. _____

SECTION 19 TYPE OF ORGANIZATION

Mark (X) the one item which best describes the type of organization for this place in 1978. *Refer to the INFORMATION SHEET, Section 19.*

- FAMILY or INDIVIDUAL operation (sole proprietorship), excluding partnership and corporation ..... 921 1 ☐
- PARTNERSHIP operation. Include family partnerships. .. 2 ☐ Total number of partners 922 _____
- INCORPORATED UNDER STATE LAW *Answer BOTH a and b*
  - a. Is this a family held corporation? ..... 3 ☐ Yes 4 ☐ No
  - b. Are there more than 10 stockholders? ..... 5 ☐ Yes 6 ☐ No
- OTHER, such as cooperative, estate or trust, prison farm, grazing association, Indian reservation, etc. ..... 7 ☐ *Specify* _____

SECTION 20 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) *Refer to the INFORMATION SHEET, Section 20.*

1. RESIDENCE – Does the operator (senior partner or person in charge) live on this place? ..... 923 1 ☐ Yes 2 ☐ No
2. RACE of operator (senior partner or person in charge) .. 924
   1 ☐ White
   2 ☐ Negro or Black
   3 ☐ American Indian
   4 ☐ Asian or Pacific Islander
   9 ☐ Other – *Specify* _____
3. AGE of operator (senior partner or person in charge) ..... 925 _____ Years old
4. SEX of operator (senior partner or person in charge) ..... 926 1 ☐ Male 2 ☐ Female
5. SPANISH ORIGIN – Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Mexican American, Cuban, or other Spanish)? ... 927 1 ☐ Yes 2 ☐ No
6. PRINCIPAL OCCUPATION – At which occupation did the operator spend the majority (50 percent or more) of his work time in 1978? *For partnerships consider all members of the partnership together* ..... 928 1 ☐ Farming 2 ☐ Other
7. OFF FARM WORK – How many days did the operator (senior partner or person in charge) work at least 4 hours per day off this place in 1978? *Include work at a nonfarm job, business, or on someone else's farm. (Exclude exchange farm work.)* 929
   1 ☐ None
   2 ☐ 1–49 days
   3 ☐ 50–99 days
   4 ☐ 100–149 days
   5 ☐ 150–199 days
   6 ☐ 200 days or more

SECTION 21 Was any of the land in this place held under FOREIGN OWNERSHIP in 1978?

1 ☐ YES – *Complete this section*
2 ☐ NO
3 ☐ Don't know
} *Go to section 28*

	None	Acres
Of the total acres in this place, how many were owned by –		
1. Individuals who are NOT citizens of the United States?	☐	930
2. A foreign held corporation or unincorporated association, or a foreign government?	☐	931

SECTIONS 22 – 27 Not applicable to this form

SECTION 28 PERSON COMPLETING THIS REPORT – *Please print*

Name		999 Date
Telephone →	Area code	Number

When the data have been tabulated, do you want a summary sheet showing major census results for your county? ..... 029 1 ☐ YES 2 ☐ NO

(Sections 22 through 27 were collected from only 20 percent of the farms; see text)

SECTION 22 Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1978?

022
1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 23*

	None	Acres fertilized
1. Acres of cropland fertilized in 1978, other than cropland used only for pastures reported in section 10, item 2b	☐	932
2. Acres of pastureland and rangeland fertilized in 1978 reported in section 10, items 2b and 4	☐	933

	None	Tons of lime	Acres limed
3. LIME – tons of lime used and acres on which applied *(Do not include land plaster or gypsum or lime for sanitation.)*	☐	934	935

SECTION 23 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1978?

023
1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 24*

Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report acreage treated for each purpose.

	None	Number of acres on which used
1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematicide) to control –		
a. Insects on hay and other crops	☐	936
b. Nematodes in crops	☐	937
c. Diseases in crops and orchards (blights, smuts, rusts, etc.)	☐	938
d. Weeds, grass, or brush in crops and pasture	☐	939
2. Chemicals for defoliation or for growth control of crops or thinning of fruit	☐	940

3. Were any chemicals used for –
   a. Insect control on livestock and poultry, including treatment of buildings? 941 1 ☐ Yes 2 ☐ No
   b. Sanitation, rodent and bird control, etc.? *(Include lime for sanitation)* 942 1 ☐ Yes 2 ☐ No

SECTION 24 MACHINERY AND EQUIPMENT on this place on December 31, 1978
(Include only equipment used for agricultural operations in 1977 or 1978.)

• Value of ALL machinery and equipment on this place, December 31, 1978

	Estimated market value Dollars	Cents
1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? *Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.*	943 $	

• SELECTED machinery and equipment on this place, December 31, 1978. ***(Report only if used in 1977 or 1978.)***

	None	Total number on this place on December 31, 1978	Of the total, HOW MANY were manufactured in the last 5 years (1974–1978)? *(Number)*
2. Automobiles	☐	944	945
3. Motortrucks *(Include pickups)*	☐	946	947
4. Wheel tractors other than garden tractors and motor tillers	☐	948	949
5. Grain and bean combines, self-propelled only	☐	950	951
6. Corn heads for combines	☐	952	953
7. Other corn pickers and picker-shellers	☐	954	955
8. Cotton pickers *(Exclude cotton strippers)*	☐	956	957
9. Mower conditioners	☐	958	959
10. Pickup balers	☐	960	961
11. Field forage harvesters, shear bar or flywheel type	☐	962	963

SECTION 25 EXPENDITURES FOR ENERGY and petroleum products for the farm business during 1978

Include expenditures paid by you and others for production of crops, livestock, and other agricultural products from this place in 1978.	None	Expenditures Dollars	Cents	Gallons purchased in 1978	Storage capacity on this place (in gallons)
1. Gasoline for farm business	☐	966 $		967	968
2. Diesel fuel for the farm business	☐	969 $		970	971
3. LP gas, butane, propane for the farm business (4.5 lbs.= 1 gallon)	☐	972 $		973	974
4. Fuel oil for the farm business	☐	975 $		976	977
5. Natural gas for the farm business	☐	978 $			
6. Kerosene, motor oil, grease, for the farm business	☐	979 $			
7. Electricity for the farm business	☐	980 $			
8. Other – coal, wood, coke, etc.	☐	981 $			

SECTION 26 SELECTED PRODUCTION EXPENSES paid by you and others for this place in 1978

Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1978. DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.

	None	Selected expenditures Dollars	Cents
1. Livestock and poultry purchased – cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc.	☐	982 $	
2. Total feed purchased for livestock and poultry – grain, hay, silage, mixed feeds, concentrates, etc.	☐	983 $	
a. Commercially mixed formula feeds purchased – complete, supplement, concentrates. *(Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea.)*	☐	Tons 984 / Tenths /10	Dollars 985 $ / Cents
3. Animal health costs for livestock and poultry. *Include veterinarian services, serums, vaccines, medicines, etc.*	☐	986 $	
4. Seeds, bulbs, plants, and trees purchased	☐	987 $	
5. Commercial fertilizer purchased – all forms, including rock phosphate and gypsum. *Report custom application costs in item 9 below.*	☐	988 $	
6. Agricultural chemicals purchased – insecticides, herbicides, fungicides, other pesticides, lime, etc. *Report custom application costs in item 9 below.*	☐	989 $	
7. Hired farm or ranch labor *(See Information Sheet)*	☐	990 $	
a. Of the hired workers, including paid family workers, how many –	None	Number of workers	
(1) Worked 150 days or more?	☐	991	
(2) Worked less than 150 days?	☐	992	
8. Contract labor – *Include expenditures primarily for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc.*	☐	993 $	
9. Customwork, machine hire and rental of machinery and equipment – *Include expenditures for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc. (Exclude cost of cotton ginning)*	☐	994 $	

SECTION 27 ESTIMATED MARKET VALUE OF LAND and BUILDINGS

Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and buildings for the acres reported in section 1, items 1, 2, and 3, page 1.	None	Estimated current market value of land and buildings Dollars	Cents
1. All land owned	☐	996 $	
2. All land rented or leased FROM OTHERS	☐	997 $	
3. All land rented or leased TO OTHERS	☐	998 $	

FORM 78-A1(S) (4-10-78)

FORM 78-A1(I)
(8-17-78)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

INFORMATION SHEET

1978 CENSUS OF AGRICULTURE

GENERAL INFORMATION

WE NEED A COMPLETED REPORT FORM FROM EVERYONE receiving this request. Please follow the instructions given below for completing section 1. You will then be able to determine what additional information is to be provided.

1. The enclosed census report form is being used by farms and ranches throughout the entire United States. Because it is meant for use in all parts of the country, it may contain sections and inquiries which do not apply to you. In this case, mark the "None" or "No" box and go on to the next item or section.

2. **If You Receive More Than One Report Form**
   If you have multiple farming operations, you should complete a report for EACH SEPARATE and DISTINCT production unit, that is, each individual farm, ranch, feedlot, greenhouse, etc.; or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production. Return any duplicate or extra report forms in the same envelope with the report(s) you complete so we can remove the extra addresses from our mail register. In the space provided to the right of the address label of the report form you complete, write the 11-digit number from the label of the extra form or forms.

3. **Partnership Operations**
   A partnership is an association of two or more persons who have agreed (informally or under legal contract) on the amount of their contributions and profit distributions.

   Complete only ONE report for the entire partnership farm and ranch operation, including all partners' shares on the same report. If two or more report forms were received for the partnership see 2 above.

   Partners who also have separate operations of their own should complete reports for those separate operations. For additional information on Partnerships see section 19 below.

4. **How To Enter Your Responses On The Report Form**
   Please enter your answers in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper.

   Enter whole numbers unless the "Tenths" column is provided, such as reporting acres of Irish potatoes in section 2. If you have 1/2, 1/4, or 1/3 of an acre, convert to tenths. For example convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10, etc.

   If you do not recall exact figures, please give your best estimate. You may indicate "Est." (for estimated) beside the answer, if you like. For all dollar items, we need only whole dollars, although a "Cents" column is provided for those who wish to report cents.

COMPLETING THE REPORT FORM

Section 1 – ACREAGE IN 1978

This section determines the land for which you should report agricultural activities. It also provides space for reporting landlords, renters, and location(s) of agricultural activities.

Changes in the Acres Operated in 1978 – Report all land that YOU USED during 1978, and the crops and livestock production on that land, even if some or all of it was no longer a part of your operation on December 31, 1978.

If you had agriculture operations at any time during 1978, but quit farming **before December 31, 1978**, report your 1978 crop and livestock production and sales from that land for the portion of the year that you operated the land. Please explain in the margin of the report form (or on a separate sheet of paper) that you quit farming or ranching during 1978 and give the approximate date and the name and address of the present operator, if known.

If you acquired land for agricultural operations, but did not use it for livestock or crop production in 1978, include the land in section 1. Please explain in the margin or on a separate sheet of paper.

Completing Items 1, 2, 3, and 4 of Section 1 – Use items 1, 2, and 3 to determine the acres of land that are your responsibility for the purpose of making the agriculture census report. Include all land that you were associated with in 1978, regardless of location or use, but do not include holdings of residential property not associated with agricultural operations. Report all land in whole acres in this section.

Item 1 – Land Owned – Report all land owned in 1978 whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate, by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 – Land Rented or Leased FROM Others – Report all land rented by you, even though the landlord may have supplied equipment, fertilizer, or other materials and/or some supervision of the work.

INCLUDE in item 2 –

a. Land (for agricultural uses) that you rented FROM others for cash payments
b. Land worked on a share basis
c. Land (owned by someone else) which you used rent-free
d. Federal, State, Indian, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2 – Land used on a per-head or animal unit license or permit basis, such as land used under section 3 of the Taylor Grazing Act, National Forest Land, or Indian Reservation Permit Land.

Item 3 – Land Rented TO OTHERS – Cash tenants, share tenants, and share croppers are farm operators for census purposes and are responsible for making the agriculture census report for the land they operate.

INCLUDE in item 3 –

a. Owned land rented TO others for cash or a share of the crops or livestock
b. Land which you rented from others and then subleased to others in 1978
c. Land rented out for residential or other nonfarm purposes, if it was part of the land reported in item 1 or 2
d. Land worked for you by someone else on a share-of-crop basis
e. Land which you allowed others to use rent-free

NOTE: Please enter the names and addresses of renters, tenants, and sharecroppers in item 6.

Item 4 – Acres in this Place – This is the sum of the land that you owned in 1978 (item 1), PLUS the land that you rented FROM others (item 2), MINUS the land that you rented TO others (item 3). It is very important that you report this figure correctly (even if "0" acres), since the remainder of your report should cover only those operations on "the Acres in This Place" reported in item 4.

"Zero Acres in Place" – Should you complete the rest of this form?

If you yourself had crop or livestock activities on the land for any portion of the year, you should complete the rest of the form. See "Changes in Acres Operated in 1978," above.

If all your land was operated by a renter or sharecropper for all of 1978, you do not have to complete the entire form. In this case, you should:

a. Complete item 6 for renter.
b. Skip to section 28 and complete Name, Address, Telephone number, etc.
c. Explain briefly in the margin or on separate paper that you did not operate a farm or ranch in 1978. For example, "All land rented out," "Sold Farm," "Retired," etc., and give the approximate date that you quit operating. If you sold your farm, please give the name and address of current owner or operator, if known.
d. Mail the form in the return envelope provided.

Item 7 – Grazing Permits – In some States, government lands and Indian lands are used for grazing livestock under permit or special license, with payments on a per-head or animal unit basis. This land should NOT be included as part of item 2, "Land rented or leased FROM others," or item 4, "Total Acres in This Place." But you should include in your report any livestock located on permit land in 1978.

Sections 2–8 – CROPS

Sections 2 through 8 provide space for reporting crops harvested during the 1978 crop year from the land shown in section 1, item 4, of your report. Please report your crops in the appropriate section. Do not include any crops grown on land rented, leased, or worked on shares by others during 1978.

Acres Harvested – Enter the acres harvested in 1978. Round fractions to whole acres except where tenths are requested, as for Irish potatoes.

Quantity Harvested – The units of measure on the report form are those most commonly used throughout the country. If you use a different unit of measure, please convert your figure for quantity harvested to the unit requested. If harvest is incomplete by December 31, 1978, please estimate the total quantity harvested.

Crop Irrigation – For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means – sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplemental, partial, and preplant irrigation. For any crop not irrigated, leave "Acres irrigated" blank.

How to Report Crops Harvested

a. **Sections 2 and 3** – In these two sections, separate lines are provided for reporting each of several crops widely grown in the United States. Do not write in data for any other crops.

b. **Sections 4–8** – In each of these sections, report any of the crops listed in the same section. To report a crop in any of these sections, (1) find the crop name and the code number in the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information requested in the headings of the remaining columns.

   Example: A farmer harvested 20 acres of alfalfa seed, yielding 6,000 pounds, and 30 acres of red clover seed, yielding 8,400 pounds. (He did not irrigate either crop.) He would enter the following in section 8:

SECTION 8 — Were any OTHER CROPS harvested from this place in 1978 – rice, peanuts, field seeds, sugar crops, or other crops not previously reported?
code
1 ☒ YES – Complete this section
2 ☐ NO – Go to section 9

From the list below enter crop name and code. Report quantity harvested in unit specified with crop name.

Crop Name	Code	Acres Harvested	Quantity harvested	Acres irrigated
Alfalfa seed	542	20	6,000	
Red clover seed	671	30	8,400	

If more space is needed, use separate sheet of paper.

Two or More Crops Harvested From The Same Land (Double-Cropping) – Report the total acres and production of each harvested crop in the appropriate section of the report form.

Example: A farmer harvested 1,230 bushels of wheat from 40 acres in 1978, then planted and harvested 1,550 bushels of soybeans from the same 40 acres before the end of the year. He irrigated the soybeans but not the wheat.

Correct entries		Acres	Bushels	Acres irrigated
Item 3	Wheat	40	1,230	—
Item 8	Soybeans	40	1,550	40

Sections 2–8 – CROPS – Continued

Interplanted Crops and "Skip Row" Planting – If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop.

Example: A 60 acre field was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans. Thirty acres of soybeans would be reported in section 2, item 8, and 30 acres of cotton in section 2, item 9.

Vegetables – Report acres of vegetables harvested FOR SALE. Do not report acres of vegetables for home use. Report the total acreage of each vegetable crop harvested.

Example: You harvested 10 acres of lettuce from a field in 1978, then replanted the field to lettuce and harvested the 10 acres again. Enter only 10 acres of land from which vegetables were harvested in item 1 of section 5, but write in 20 acres of lettuce harvested in item 2 of section 5.

Fruit and Nuts – In counting the combined total of 20 or more trees and vines, include those for home use as well as those maintained for sale of the production (exclude abandoned trees).

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for BOTH the orchard and the interplanted crops harvested.

Example: If 20 acres of cotton were grown in a 30 acre pecan orchard, you would report 20 acres of cotton in section 2, item 9, and 30 acres of pecans in section 4.

Avocados, Olives, Sugarcane

Avocados – For California report the quantity harvested from November 1, 1977 through November 30, 1978. For Florida report the quantity harvested from April 1978 through March 1979, estimating if necessary.

Olives – Report the quantity harvested from the bloom of 1977 for the October 1977 to March 1978 harvest season.

Sugarcane – For Florida and Texas report cuttings from November 1977 through April 1978. For Louisiana and Hawaii report for the 1978 crop year.

Section 9 – GROSS VALUE OF CROPS SOLD

Report the values received during 1978, regardless of the year in which the crops were harvested. Give gross values (before deducting taxes and expenses). If full payment was not received for a crop or crops sold in 1978, report only the amount actually received in 1978.

For value of grains and cotton, include as sold the value of government CCC loans received in 1978 but not loans obtained from any other government or private source.

Section 10 – LAND USE

The purpose of this section is to classify the acres you reported in section 1, item 4, by principal use in 1978. Do not include any acres you rented TO others (reported in section 1, item 3).

Land Used for Multiple Purposes – If part of your land was used for more than one purpose in 1978, report that land on the line for the use first listed, and NOT on the line for the second use. For example, if you plowed under a cover crop, and planted and harvested a grain crop, report the land in item 2a, "Cropland harvested," but NOT as "Cropland used for cover crop, legumes, . . etc." (item 2c).

Double Cropping – When more than one crop was harvested from the same land in 1978, report that land only ONCE as "Cropland Harvested," item 2a of this section.

Interplanted Crops – If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland Harvested," in item 2a.

Section 12–16 – LIVESTOCK AND POULTRY

Animals and Poultry to be Included in the Report – Report all animals and poultry on the place on December 31, 1978. Include all owned by you and any kept by you for others. Include animals on unfenced land, on National Forest land, on district land or cooperative grazing association land, or on rangeland administered by the Bureau of Land Management on a per-head or lease basis (such as on wheat pasture). Include poultry (broilers, layers, turkeys, etc.) fed under contract on "This Place." Include livestock and poultry kept on this place for home use, 4H projects, etc.

Number sold – Report all animals and poultry sold or removed from this place including those sold for a landlord or given to a landlord as his share or to others in trade or in payment for goods and services. Include animals of all ages without regard to ownership or who shared in the receipts if the animals were located on the place 30 days or more and were sold or removed from the place in 1978.

Sales from Contract and Custom Feeding Operations – Include animals and poultry (including poultry under contract) fed on this place on a contract or custom basis if they were removed from the place in 1978.

Value of Sales – Be sure to report the total gross value of sales of animals and poultry without deducting cost of feed, cost of livestock purchased, cost of hauling and selling, etc. If the sale price or value is not known, give your best estimate of their value when they left this place.

Animals Moved to Another Place – For animals removed from this place to another place, such as for further feeding, report the number as sold and give your best estimate of their market value when they left this place.

Animals to be Excluded from the Report – Do not report any animals or poultry kept under a share arrangement on land rented TO others in 1978.

Animals Sold from Another Place – Animals owned by you, but held and sold from someone else's place should NOT be included. For example, do not report cattle purchased elsewhere, fed in, and sold from a feedlot not part of this place.

Animals Bought and Sold – Do not include animals bought and resold within 30 days. Such purchases and sales are considered "dealer" transactions.

Fat Cattle Sales – Do not include with fattened cattle in item 3a of section 12:

a. Veal calves which were fattened primarily on milk, or

b. Dairy cows fed only the usual dairy ration before being sold, or

c. Cattle and calves that were sold for further feeding.

All Other Livestock – Specify the name of any other livestock, animal specialty, or livestock products on or sold from this place that have not been accounted for elsewhere on this form.

Example: Bees sold (colonies, packages, pounds); semen sales, animals bred and sold for laboratory use; birds, frogs, etc.

Section 19 – TYPE OF ORGANIZATION

Use the following definitions to assist you in determining the type of organization for your operation:

Individual or Family Operation (Sole Proprietorship) – Defined as a farm or business organization controlled and operated by an individual. Includes family operations that are not incorporated and not operated under a partnership agreement.

Partnership Operation – Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of 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 the agreement to share contributions, decisionmaking, profits, and liabilities exists. Producing products under contract or under a share rental agreement does not constitute a partnership.

Corporation – Defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does not include cooperatives.

Other – Such as cooperative (defined as an incorporated or unincorporated enterprise or association created and formed jointly by the members), estate or trust (defined as fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, etc.

Section 20 – OPERATOR CHARACTERISTICS AND OCCUPATION

This section applies to the characteristics and occupation of the individual owner, operator, senior partner, or person in charge for the type of organization reported in section 19 of the form.

For Individual or Family Operation (Sole Proprietorship) – Complete this section for the operator.

For Partnership Operations – Complete items 1 through 5 and 7 (of this section) for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on this place. Consider the oldest partner as the "Senior Partner" if each shares equally in the day-to-day management decisions. For item 6 (Principal Occupation) consider all members of the partnership together. Please include as "Farming" worktime at all types of agricultural enterprises, including specialties, such as greenhouses, nurseries, mushrooms, ranching, feed lots, broiler feeding, etc.

For Incorporated and Other Operations (Cooperatives, Estates, etc.) – Complete section 20 for the person in charge, such as hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Section 22 – COMMERCIAL FERTILIZER

Report acres on which commercial fertilizer was applied during 1978. If some acres where fertilized more than once, report acres ONLY ONCE.

Section 24 – MACHINERY AND EQUIPMENT

The estimated market value in item 1 refers to ALL machinery and equipment kept on this place and used for the farm business. The value should be an estimate of what the machinery and equipment would sell for in its present condition, not the replacement or depreciated value.

Section 26 – SELECTED PRODUCTION EXPENSES

Include expenses paid by you and by anyone else for the production of crops, poultry, livestock, and other agricultural products on this place. Also include expenses incurred even if payment was not made in 1978. Please give estimates if you do not know the exact figures. For example, if you grew broilers or fed cattle for others, include in item 1, as purchases, your best estimate of the value of the baby chicks or cattle at the time they were brought to this place. Also include in item 2, the value and amount of all feed purchased by you or someone else for use on this place.

Do not include expenses related to nonfarm activities (trading and speculation, or livestock dealer activities).

Hired Labor – Expenditures for hired labor should include gross wages or salaries, commissions, paid bonuses, and leave pay before deductions, plus the value of benefits paid by you – Social Security taxes, unemployment insurance, etc. Do not include room and board, house rent, or other items paid in kind.

Form Approved: O.M.B. No. 41-S78038

FORM 78-A1(A) (6-23-78)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICENSUS USA '78

1978 CENSUS OF AGRICULTURE
AREA SAMPLE

NOTICE – Response to this inquiry is required by law (title 13 U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only 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.

CENSUS USE ONLY

035	036	037	038
039	040	041	042

Key identification data

Part I – IDENTIFICATION

Items 1 through 6 – Copy from A3 Record Book

1. State	2. County	3. Segment number	4. A3 Line number

5. Name – *First, Middle initial, Last*

6. Mailing address: a. Route/Box/Street

b. Post Office | State | ZIP code

7. What is your (the person listed in item 5) telephone number? Area code | Number

8. In what year did you begin to operate any part of this place? Year 060

9. Do you have a Federal Employer Identification Number for this farm or ranch operation? ☐ YES – *Enter the EI number* ☐ NO

Part II – TYPE OF ORGANIZATION

Mark (X) type of organization as shown in column B of A3 Listing Sheet and ask questions for that type. Complete only one part of this page. Data reported for subsequent sections of questionnaire relate only to the specific operation reported here.

☐ **Type A – INDIVIDUAL OR FAMILY OPERATION** *(Sole proprietorship)* 1

1. For business purposes, is this farm or ranch operated under any name other than your own? ☐ YES → Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code ☐ NO

2. During the past two years, have you received mail at any address other than the one I have listed? ☐ YES → Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code ☐ NO

3. Does this farm or ranch employ a hired manager who is primarily in charge of the farm or ranch operations? 1 ☐ YES – *Go to item 4* 2 ☐ NO – *SKIP to page 2*

4. Who is the hired manager? Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code
   - ☐ Person named in part 1, item 5 – *SKIP to page 2*
   - ☐ Other – *Specify and SKIP to page 2*

☐ **Type B – PARTNERSHIP OPERATIONS** *(Include family partnerships)* 2

1. For business purposes, what name and mailing address is used for this partnership? Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

2. How many partners are there? _____ Partners

3. What is the name and mailing address of each partner?
   - ☐ Person named in part 1, item 5 – *Do not list*
   - ☐ Other – *Specify (Use "Remarks" if more space is required.)*

a. Name			b. Name		
Mailing address – *Route/Box/Street*			Mailing address – *Route/Box/Street*		
Post Office	State	ZIP code	Post Office	State	ZIP code

4. Does this partnership employ a hired manager who is primarily in charge of the farm or ranch operations? 1 ☐ YES – *Go to item 5* 2 ☐ NO – *SKIP to item 6*

5. Who is the hired manager? Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code
   - ☐ Person named in part 1, item 5 – *SKIP to page 2*
   - ☐ Other – *Specify and end interview*

6. Which partner is primarily in charge of the farm or ranch operations?
   - ☐ Person named in part 1, item 5 – *SKIP to page 2*
   - ☐ Other partner – *Specify and end interview*
   - ☐ None – *Go to item 7*

7. Who is the eldest partner? Name
   - ☐ Person named in part 1, item 5 – *SKIP to page 2*
   - ☐ Other – *Specify and end interview*

Part II – TYPE OF ORGANIZATION – Continued

☐ **Type C – INCORPORATED UNDER STATE LAW** 3

1. What is the current name and mailing address of this corporation? Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

2. Is this a family-held corporation? ☐ YES ☐ NO

3. Are there more than 10 stockholders? ☐ YES ☐ NO

4. Does this corporation have other separate and distinct farm and ranch operations? ☐ YES – *Enter location(s) and name(s) below* ☐ NO – *SKIP to item 5*

(1) Location *(State and county)*	Name
(2) Location *(State and county)*	Name

5. During the past two years, has this farm or ranch used any name or address other than the current corporation name and mailing address? ☐ YES → Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code ☐ NO

6. Does this farm or ranch employ a hired manager who is primarily in charge of the farm or ranch operations? 1 ☐ YES – *Go to item 7* 2 ☐ NO – *SKIP to item 8*

7. Who is the hired manager? Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code
   - ☐ Person named in part 1, item 5 – *SKIP to page 2*
   - ☐ Other – *Specify and end interview*

8. Who is primarily in charge of the farm or ranch operations?
   - ☐ Person named in part 1, item 5 – *SKIP to page 2*
   - ☐ Other – *Specify and end interview*

☐ **Type D – OTHER ORGANIZATIONS** 4

1. What type of organization operates or controls the operations of this farm or ranch unit? 995
   - 1 ☐ Estate
   - 2 ☐ Trust
   - 3 ☐ Cooperative
   - 4 ☐ State or Local Government
   - 5 ☐ Federal Government
   - 6 ☐ Other – *Specify* _____

2. What is the name and mailing address of this organization? Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

3. What is the name and mailing address used for this farm or ranch operation? Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

4. During the past two years, has this farm or ranch used any other name or mailing address? ☐ YES → Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code ☐ NO

5. Does this organization employ a hired manager who is primarily in charge of the farm or ranch operations? 1 ☐ YES – *Go to item 6* 2 ☐ NO – *SKIP to item 7*

6. Who is the hired manager? Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code
   - ☐ Person named in part 1, item 5 – *SKIP to page 2*
   - ☐ Other – *Specify and end interview*

7. Who is primarily in charge of the farm or ranch operations?
   - ☐ Person named in part 1, item 5 – *Go to page 2*
   - ☐ Other – *Specify and end interview*

Note: Remainder of form same as A1(S).

INDEX

(Index items not reported for the State will not appear in designated tables)

	State tables	County tables: Summary	County tables: County report
A			
Abnormal farms	10,34	7	2
Age of operator	4, 29–35	6	4
Agricultural products sold, value.	10, 13 17 29–35	9–11	2
Agricultural service income	12 ,29–35	37	–
Alfalfa hay	25 ,26, 28–35	30	10
Alfalfa seed	25, 26	30	10
Almonds	28–35	32	–
Alsike clover seed	–	30	–
Angora goats	23	22	–
Animal health costs	6 ,29–35	12	5
Apples	25, 28–35	32	10
Apricots	–	32	–
Aquaculture products	24	25	–
Artichokes	–	31	–
Asparagus	–	31	–
Assets, value	1, 2, 13, 17, 29–35	1, 15	1,7
Austrian winter peas	–	30	–
Automobiles	14, 29–35	–	7
Avocados	–	32	–
B			
Bahia grass seed	–	30	–
Bait and tropical fish sold	24	25	–
Balers, pickup	14, 29–35	–	7
Bananas	–	32	–
Barley for grain	25, 26, 28–35	28	10
Beans, castor	–	35	–
Beans, dry field and seed	26, 28–35	29	–
Beans, dry lima	–	29	–
Beans, green lima	–	31	–
Beans, snap (bush and pole)	–	31	–
Beans, soybeans	25–35	29	10
Bedding plants	–	34	–
Beef cows	18, 20, 29–35	16	9
Bees, colonies	23	24	–
Beets, sugar	26, 28–35	29	–
Beets, table	–	31	–
Bentgrass seed	–	30	–
Bermuda grass seed	–	30	–
Berries	25,27	33	10
Birdsfoot trefoil seed	–	30	–
Blackberries	–	33	–
B–Con.			
Black operators and other races	4, 5, 29–35	39–41	–
Blueberries	–	33	–
Bluegrass seed, Kentucky	–	30	–
Boysenberries	–	33	–
Broccoli	–	31	–
Broilers	18, 19, 29–35	19, 26	9
Bromegrass seed	–	30	–
Broomcorn	–	35	–
Brussels sprouts	–	31	–
Buckwheat	–	28	–
Bulbs	–	34	–
Bulls, bull calves, steers, and steer calves	20, 29–35	16	9
Burros, donkeys, and mules	23	27	–
C			
Cabbage	–	31	–
Cantaloupes and Persian melons.	–	31	–
Carrots	–	31	–
Castor beans	–	35	–
Catfish sold	24	25	–
Cattle and calves	17, 18, 20, 29–35	16	9
Cattle and calves sold, value	10, 18, 20, 29–35	16	2, 9
Cauliflower	–	31	–
Celery	–	31	–
Chemicals, expense	6, 15, 17, 29–35	12	5
Chemicals used	15, 29–35	–	6
Cherries	28–35	32	–
Chickens 3 months old or older	18, 19, 29–35	18	9
Chicory	–	31	–
Chinchillas and their pelts	23	27	–
Chinese cabbage	–	31	–
Chinese or ming peas	–	31	–
Citrus fruits	28–35	32	–
Clover seed	–	30	–
Clover seed, red	25	30	10
Coal, wood, coke, etc., expense	7, 29–35	13	5
Coffee	–	32	–
Collards	–	31	–
Colonies of bees	23	24	–

	State tables	County tables: Summary	County tables: County report
C—Con.			
Combines, grain and bean	14, 29–35	–	7
Commercially mixed formula feed purchased	6, 29–35	12	5
Commodity Credit Corporation loans	10, 29–35	–	2
Contract labor, expense	6, 9, 17, 29–35	12	5
Corn, field	25–35	28,30,35	10
Corn heads for combines	14, 29–35	–	7
Cornpickers and picker-shellers	14, 29–35	–	7
Corn, sweet	25, 28–35	31	10
Corn, sweet, for seed	–	35	–
Corporation, type of organization	4, 5, 29–35	5	4
Family held	4, 5, 29–35	5	–
Nonfamily held	4, 5, 29–35	5	–
Cotton	25–35	29	10
Cotton Commodity Credit Corporation loans	10, 29–35	–	2
Cottonpickers	14, 29–35	–	7
Cotton, value sold	10, 29–35	–	2
Cowpeas for dry peas	–	29	–
Cowpeas, green	–	31	–
Cowpeas, hogged or grazed or cut for silage	–	35	–
Cows and heifers that had calved	18, 20, 29–35	16	9
Crambe	–	35	–
Cranberries	–	33	–
Cropland for cover crops, legumes, and soil-improvement grasses	1, 2, 29–35	2	1
Cropland harvested	1–4, 13, 17, 29–35	2	1, 3, 4
Cropland harvested, irrigated	16, 29–35	3	1
Cropland idle	1, 2, 29–35	2	1
Cropland in cultivated summer fallow	1, 2, 29–35	2	1
Cropland on which all crops failed	1, 2, 29–35	2	1
Cropland pasture	1, 2, 29–35	2	1
Cropland total	1, 2, 17, 29–35	–	1
Crops, farms, acres, production	25–35	28–35	10
Cucumbers	–	31	–
Currants	–	33	–
Customwork, machine hire, and rental of machinery and equipment, expense	6, 29–35	12	5
Customwork, machine work, and other agricultural services, income	12, 29–35	37	–
D			
Daikon	–	31	–
Dairy cows—milk cows	17, 18, 20, 29–35	16	9
Dairy products sold, value	10, 20, 29–35	16	2, 9,
Dates	–	32	–
Dewberries	–	33	–
Diesel fuel purchased	7, 8, 29–35	13	5
Diesel fuel storage	8	13	–
Dill for oil	–	35	–
Direct sales income	11, 29–35	38	–
Disease, chemical control	15, 29–35	–	6
Donkeys, burros, and mules	23	27	–
Ducks	–	26	–
Ducks, geese, and other poultry	19	–	–
E			
Eggplant	–	31	–
Electricity expense	7, 29–35	13	5
Emmer and spelt	–	28	–
Endive	–	31	–
Energy expense	6-8, 17, 29–35	12, 13	5
Equipment and machinery	13, 14, 17, 29–35	15	7
Escarole	–	31	–
Ewes 1 year old or older	22, 29–35	20	9
Expenses, farm	6-9, 17, 29–35	12-14	5
F			
Family and individual, type of organization	4, 5, 29–35	5	4
Family held corporations	4, 5, 29–35	5	–
Farms by age and principal occupation of operator	31	–	–
Farms by age and principal occupation of operator for farms with sales of less than $20,000	32	–	–
Farms by size of farm	1–3, 33	–	3
Farms by standard industrial classification	13, 35	8	–
Farms by tenure of operator	4, 29	4	4
Farms by type of organization	4, 5, 30	5	4
Farms by value of agricultural sales	10, 34	7, 9–11	2
Farms, number	1–3, 13 17, 29–35	1, 2	1, 4

	State tables	County tables: Summary	County tables: County report
F–Con.			
Fattened cattle sold	20, 29–35	16	9
Feed purchased	6, 17, 29–35	12	5
Feeder pigs sold	18, 21, 29–35	17	9
Female operators	4, 29–35	6, 43	–
Fertilizer applied	15, 29–35	–	6
Fertilizer expense	6, 15, 17, 29–35	12	5
Fescue seed	–	30	–
Field seed crops	25, 28–35	30	10
Field seeds, hay, forage, and silage sold, value	10, 29–35	–	2
Figs	–	32	–
Filberts	–	32	–
Fish sold	24	25	–
Flaxseed	28–35	28	–
Florist greens and flowers, cut	–	34	–
Flower and vegetable seeds	–	34	–
Flowering and foliage plants	–	34	–
Flowers and florist greens, cut	–	34	–
Foliage and flowering plants	–	34	–
Forage harvesters	14, 29–35	–	7
Foreign ownership	–	36	–
Foxtail millet seed	–	30	–
Fruit crops	25–35	32	10
Fruits, nuts, and berries sold, value	10, 29–35	–	2
Fuel expense	6–8, 29–35	12, 13	5
Fuel oil purchased	7, 8, 29–35	13	5
Fuel oil storage	8	13	–
Full owners	4, 29–35	4, 40	4
G			
Garlic	–	31	–
Gas, natural, expense	7, 29–35	13	5
Gasoline and other petroleum fuel and oil purchased	6–8, 29–35	13	5
Gasoline purchased	7, 8, 29–35	13	5
Gasoline storage	8	13	–
Geese	–	26	–
Geese, ducks, and other poultry	19	–	–
Ginger root	–	35	–
Goats	23, 29–35	–	9
Goats, Angora	23	22	–
Goats, milk	23	21	–
Goats milk sold	23	21	–
Goats, other	23	27	–
Gooseberries	–	33	–
Grain Commodity Credit Corporation loans	10, 29–35	–	2
G–Con.			
Grain hay	26	30	–
Grains	25–35	28	10
Grains sold, value	10, 29–35	–	2
Grapefruit	28–35	32	–
Grapes	25, 28–35	32	10
Grass silage and haylage	26, 28–35	30	–
Green chop hay	26	30	–
Greenhouse products	25	34	10
Greenhouse vegetables	–	34	–
Guar	–	35	–
Guavas	–	32	–
H			
Hatcheries	–	26	–
Hay crops	25–35	30	10
Haylage and grass silage	26, 28–35	30	–
Hazelnuts	–	32	–
Health care expense for animals	6, 29–35	12	5
Heifers and heifer calves	20, 29–35	16	9
Hens and pullets of laying age	18, 19, 29–35	18	9
Herbs	–	35	–
Hired farm labor, expense	6, 9, 17, 29–35	12, 14	5
Hogs and pigs	17, 18, 21, 29–35	17	9
Hogs and pigs sold, value	10, 18, 21, 29–35	17	2, 9
Honey sold	23	24	–
Honeydew melons	–	31	–
Hops	–	35	–
Horses and ponies	18, 23, 29–35	27	9
I			
Income from direct sales	11, 29–35	38	–
Income from machine work, customwork, and other agricultural services	12, 29–35	37	–
Individual and family, type of organization	4, 5, 29–35	5	4
Insects, chemical control	15, 29–35	–	6
Irish potatoes	25–35	29	10
Irrigated farmland	1–3, 16, 17, 29–35	3	1, 3
K			
Kale	–	31	–
Kenaf	–	35	–

	State tables	County tables: Summary	County tables: County report
K—Con.			
Kentucky bluegrass seed	–	30	–
Kerosene, motor oil, and grease, expense	7, 29–35	13	5
Kiwifruit	–	32	–
Kumquats	–	32	–
L			
Labor	6, 9, 17, 29–35	12, 14	5, 8
Land and buildings, value	1, 2, 17, 29–35	1	1
Land in farms	1–3, 13, 17, 29–35	1, 2	1, 3, 4
Land owned	29–35	–	–
Land rented from others	29–35	–	–
Land rented to others	29–35	–	–
Land use	1–3, 17, 29–35	2	1, 3
Lemons	–	32	–
Lentils	–	29	–
Lespedeza seed	–	30	–
Lettuce and Romaine	–	31	–
Lima beans, dry	–	29	–
Lima beans, green	–	31	–
Lime and other agricultural chemical expense	6, 15, 29–35	12	5
Lime applied	15, 29–35	–	6
Limes	–	32	–
Litters farrowed	21, 29–35	17	9
Livestock and livestock products sold	13, 17, 18, 20, 29–35	10, 11	–
Livestock and poultry	18	–	9
Livestock and poultry purchased	6, 29–35	12	5
Livestock, poultry, and their products sold	10, 18	–	2, 9
Loans, Commodity Credit Corporation	10, 29–35	–	2
Loganberries	–	33	–
Lotus root	–	35	–
LP gas, butane, propane purchased	7, 8, 29–35	13	5
LP gas, butane, propane storage	8	13	–
M			
Macadamia nuts	–	32	–
Machine hire, rental of machinery and equipment, and customwork expense	6, 29–35	12	5
M—Con.			
Machine work, customwork, and other agricultural service income	12, 29–35	37	–
Machinery and equipment	13, 14, 17, 29–35	15	7
Male operators	4, 29–35	6	–
Mandarins and tangerines	–	32	–
Mangoes	–	32	–
Market value of farmland and buildings	1, 2, 17, 29–35	1	1
Melons	–	31	–
Milk cows	17, 18, 20, 29–35	16	9
Milk goats	23	21	–
Millet, proso	–	28	–
Millet seed, foxtail	–	30	–
Mink and their pelts	23	23	–
Mint for oil	–	35	–
Mohair sold	23	22	–
Motor oil, grease, and kerosene purchased	7, 29–35	13	5
Motortrucks including pickups	14, 29–35	–	7
Mower conditioners	14, 29–35	–	7
Mules, burros, and donkeys	23	27	–
Mungbeans for beans	–	35	–
Murcotts	–	32	–
Mushrooms	–	34	–
Mustard cabbage	–	31	–
Mustard greens	–	31	–
Mustard seed	–	28	–
N			
Natural gas expense	7, 29–35	13	5
Nectarines	–	32	–
Nematode control in crops	15, 29–35	–	6
Nonfamily held corporations	4, 5, 29–35	5	–
Number of farms	1-3, 13, 17, 29–35	1, 2	1, 3
Nursery and greenhouse products	25	34	10
Nursery and greenhouse products sold, value	10,29–35	34	2
Nursery products—shrubs, trees, etc	–	34	–
O			
Oats for grain	25, 26, 28–35	28	10
Occupation of operator	4, 29–35	6, 7	4
Off-farm work by operator	4, 29–35	6	4

	State tables	County tables: Summary	County tables: County report
O—Con.			
Okra	—	31	—
Olives	—	32	—
Onions, dry and green	—	31	—
Operator characteristics—residence, age, race, occupation, off-farm work, sex, Spanish origin	4, 29–35	6, 7	4
Oranges	28–35	32	—
Orchardgrass seed	—	30	—
Orchards	25–35	32	10
Organization of farm	4, 5, 29–35	5	4
Other field crops sold, value	10, 29–35	—	2
Other livestock and livestock products sold, value	10, 23, 29–35	27	2
Other poultry	—	26	9
Owned land	29–35	—	—
P			
Papayas	—	32	—
Parsley	—	31	—
Part owners	4, 29–35	4, 40	4
Partnership, type of organization	4, 5, 29–35	5	4
Passion fruit	—	32	—
Pastureland and grazing land	1, 2, 17, 29–35	2	1
Pastureland irrigated	16, 29–35	3	1
Payroll and employment	6, 9, 17, 29–35	12, 14	5, 8
Peaches	25, 28–35	32	10
Peanuts for nuts	25–35	29	10
Pears	—	32	—
Peas, Austrian winter	—	30	—
Peas, Chinese or ming	—	31	—
Peas, dry field and seed	—	29	—
Peas, green	25, 28–35	31	10
Pecans	—	32	—
Peppers	—	31	—
Persian melons	—	31	—
Persimmons	—	32	—
Petroleum expense	6, 7, 17, 29–35	12, 13	5
Pheasants	—	26	—
Pickup balers	14, 29–35	—	7
Pigeons or squab	—	26	—
Pimientos	—	31	—
Pineapples	27	35	—
Pistachios	—	32	—
Plums	—	32	—
Pomegranates	—	32	—
P—Con.			
Ponies and horses	18, 23, 29–35	27	9
Popcorn	—	28	—
Potatoes, Irish	25–35	29	10
Potatoes, sweet	25, 27–35	29	10
Poultry and poultry products sold	10, 13 17–19, 29–35	10, 11	2, 9
Poultry hatched	—	26	—
Principal occupation of operator	4, 29–35	6, 7	4
Production expenses	6–9, 17, 29–35	12–14	5
Proso millet	—	28	—
Prunes	—	32	—
Pullets	19, 29–35	18	9
Pumpkins	—	31	—
Q			
Quail	—	26	—
R			
Rabbits and their pelts	23	27	—
Race of operator	4, 5, 29–35	39–41	—
Radishes	—	31	—
Rangeland	1, 2, 17, 29–35	2	1
Rapeseed	—	35	—
Raspberries	—	33	—
Red clover seed	25	30	10
Redtop seed	—	30	—
Residence of operator	4, 29–35	6	4
Rhubarb	—	31	—
Rice	26, 28–35	28	—
Romaine and lettuce	—	31	—
Rye for grain	25	28	10
Ryegrass seed	—	30	—
S			
Safflower	—	28	—
Sales of agricultural products	10, 13, 17, 29–35	9–11	2
Salt hay	—	35	—
Sanitation chemicals	15, 29–35	—	6
Seeds, bulbs, plants, and trees purchased	6, 17, 29–35	12	5
Set aside program, acreage	29–35	—	1
Sex of operator	4, 29–35	6	—
Shallots	—	31	—

	State tables	County tables: Summary	County tables: County report
S—Con.			
Sheep and lambs	17, 18, 22, 29–35	20	9
Sheep and lambs shorn	22, 29–35	20	9
Sheep, lambs, and wool sold, value.	10, 18, 22, 29–35	20	2, 9
Size of farm, average	1, 2, 29–35	1	1
Small grain hay	26	30	–
Snap beans, bush and pole	–	31	–
Sod	–	34	–
Sorghums	25–35	28, 30 35	10
Soybeans	25–35	29, 30	10
Spanish origin, operators of	4, 29–35	42	–
Spelt and emmer	–	28	–
Spinach	–	31	–
Squash	–	31	–
Standard industrial classification of farms (SIC)	13, 29–35	8	–
Steers, steer calves, bulls, and bull calves	20, 29–35	16	9
Storage, selected petroleum	8	13	–
Strawberries	25, 26	33	10
Sudangrass seed	–	30	–
Sugar beets	26, 28–35	29	–
Sugarcane	26, 27, 29–35	29	–
Sunflower seed	28–35	28	–
Sweet corn	25, 28–35	31	10
Sweet corn for seed	–	35	–
Sweetpotatoes	25, 27–35	29	10
T			
Tangelos	–	32	–
Tangerines and mandarins	–	32	–
Taro	–	35	–
Tenant operated farms	4, 29–35	4, 40	4
Tenure	4, 29–35	4, 40	4
Timothy seed	–	30	–
Tobacco	25–35	29	10
Tobacco sold, value	10, 29–35	–	2
Tomatoes	25, 28–35	31	10
Tractors, wheel	14, 29–35	–	7
Triticale	–	28	–
T—Con.			
Tropical and baitfish sold	24	25	–
Trout sold	24	25	–
Trucks including pickups	14, 29–35	–	7
Turkeys	19, 29–35	26	9
Turnip greens	–	31	–
Turnips	–	31	–
Type of farm (SIC)	13, 29–35	8	–
Type of organization	4, 5, 29–35	5	4
V			
Value of agricultural products sold.	10, 13, 17, 29–35	9–11	2
Value of land and buildings	1, 2, 13, 17, 29–35	1	1
Value of machinery and equipment.	13, 14, 17, 29–35	15	7
Vegetable and flower seeds	–	34	–
Vegetables, greenhouse	–	34	–
Vegetables harvested for sale	25–35	31	10
Vegetables, sweet corn, or melons sold, value	10, 29–35	–	2
Velvetbeans for beans	–	35	–
Vetch seed	–	30	–
W			
Wages paid to farm workers	6, 9, 17, 29–35	12, 14	5
Walnuts, English or Persian	28–35	32	–
Watercress	–	31	–
Watermelons	–	31	–
Weeds, chemical control	15, 29–35	–	6
Wheat for grain	25–35	28	10
Wheatgrass seed	–	30	–
Wheel tractors	14, 29–35	–	7
Wild hay	26, 28–35	30	–
Wild rice	–	28	–
Woodland	1, 2, 29–35	2	1
Wool, pounds shorn	22, 29–35	20	9
Work off-farm by operator	4, 29–35	6	4
Workers on farms	9, 29–35	14	8
Worms	23	27	–
Wormseed oil	–	35	–