

Volume 1

State and County Data

Part 8

Delaware

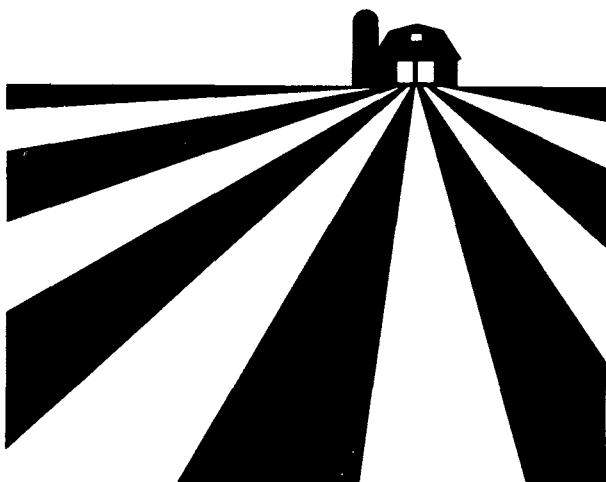
1978
CENSUS OF
AGRICULTURE

U.S. Department of Commerce
BUREAU OF THE CENSUS

Property of
DELAWARE
AGRICULTURAL
STATISTICS SERVICE



1978 CENSUS OF AGRICULTURE



Volume 1
State and County Data

Part 8
Delaware

Issued November 1980



U.S. Department of Commerce
Philip M. Klutznick, Secretary
Courtenay M. Slater,
Chief Economist

BUREAU OF THE CENSUS
Vincent P. Barabba,
Director



BUREAU OF THE CENSUS

Vincent P. Barabba, Director

Daniel B. Leyine, Deputy Director

Shirley Kallek, Associate Director for
Economic Fields

Richard B. Quanrud, Assistant Director for
Economic and Agriculture Censuses

AGRICULTURE DIVISION

Arnold L. Bollenbacher, Chief

ACKNOWLEDGMENTS—Many persons participated in the various activities of the 1978 Census of Agriculture. Primary direction was by Shirley Kallek, Associate Director for Economic Fields, and Richard B. Quanrud, Assistant Director for Economic and Agriculture Censuses.

This report was prepared in the Agriculture Division under the general supervision of Orvin L. Wilhite, Chief (to January 1980) and Arnold L. Bollenbacher, his successor. Arnold L. Bollenbacher, assisted by Thomas D. Monroe, Donald R. Jahnke, and John A. Blackledge, was directly responsible for data content of the tables, analysis of the data, and clerical and computer edit, and tabulation specifications. William A. Harlan, Arlon M. Scott, and James C. Vogelsang, directed the resolution of problems with individual census reports.

John E. Adkins, assisted by Stephen M. Schobel, Loyd C. Brown, Billy E. Stark, Lowell Wrucke, Sharon C. Spivey, Martin S. Harahush, Ralph A. Graham, Avon B. Floyd, Kent C. Hoover, and Lee Smallwood, was directly responsible for the systems and processing procedures, including preparation of control systems, clerical procedures, and computer programs. Dana E. Moore and Jay A. Johnson were responsible for the photocomposition system. Bobbie E. Catlin and Paulette M. Bonchak were directly responsible for table preparation and publication standards used. Mittie Buchanan, Industry Division (to May 1980), and Helen R. Pugh, her successor, were responsible for coding the Linotron table formats for publication. Carl N. McAllister coordinated the final preparation of the tables. Virginia Crockett, Regina E. Lindsey, and Karin G. Bauer provided editorial services.

Charles E. Rogers, assisted by D. Dean Prochaska, and David D. Chapman, with the additional assistance of Jane Y. Dea and Tommy W. Gaulden, was directly responsible for mailing list acquisition and unduplication, design of sampling procedures for the direct enumeration sample and the sample from the mail list, sampling variability estimates, statistical adjustment for nonresponse, monitoring of processing, and evaluation of coverage. Albert W. Graybill was responsible for the preparation of the operational procedures for the collection and processing of the direct enumeration sample data.

George E. Pierce, assisted by Patricia A. Clark and Richard R. Storm, was directly responsible for overall census planning, the Farm and Ranch Identification Survey, and development of the data collection forms and followup letters. J. Thomas Miller, Consultant, assisted in the design and content of the data collection forms and followup letters, specifications for publication tables, and preparation of text.

Don L. Adams, Chief, Data Preparation Division, Jeffersonville, Ind., assisted by Patricia M. Clark, Rebecca Lamon, George Wilson, William L. Pangburn, Les Brown, Darrell L. Farabee, and Keith Lacey, was directly responsible for clerical and data-keying operations, and labeling, sorting, and distribution of the mail and direct enumeration census forms.

The direct enumeration activities were administered by the Field Division, under Forrest P. Cawley, Chief, with the assistance of Darren F.

Althouse and Thomas J. Manning and the 12 directors of the Bureau's Regional Offices.

The computer processing facilities used were under the general supervision of C. Thomas DiNenna, Chief, Computer Operations Division.

Forms design was performed under the general supervision of Henry J. Husmann, Chief, Administrative Services Division, assisted by Albert W. Cosner, Cathern S. Kline, and Irene A. Grey.

Within the Publications Services Division, many individuals made significant contributions in the areas of publication planning and design, editorial review, composition, and printing procurement.

Important contributions were made by the members of the Census Advisory Committee on Agriculture Statistics in establishing data needs and priorities for collection and publication of the information. Other representatives of both public and private organizations also made significant recommendations and suggestions.

Members of various agencies of the U.S. Department of Agriculture provided advice and counsel during the planning, data collecting, and processing phases of the census and assisted farmers and ranchers who requested help in completing the report form.

The press, farm magazines, and radio and television stations were most helpful in publicizing the census and encouraging cooperation of farm and ranch operators. John W. Ternus and Douglas J. Miller, Agriculture Division, and Richard D. Ritter, Public Information Office, were primarily responsible for developing and coordinating the public relations program.

Special tribute is paid to the millions of farm and ranch operators and other agriculture-associated people who furnished the information requested in the census. Only through their cooperation was it possible to collect and publish the data in this report.

Library of Congress Cataloging in Publication Data

United States. Bureau of the Census.

1978 census of agriculture.

Supt. of Docs. no.: L 3.31/

CONTENTS: v. 1. State and county data.—v. 2. Statistics by subject.—v. 3. Agricultural services. [etc.]

1. Agriculture—United States—Statistics. I. Title. II. Title: Census of agriculture.

HD1753 1978.B87 7 1980 338.1'0973

79-600215

For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by draft on a U.S. bank.

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 Types of Organizations: 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. Cattle and Calves Inventory by County: 1978	XVII
6. Chickens 3 Months Old or Older Inventory by County: 1978	XVII
7. Corn Harvested for Grain by County: 1978	XVIII
8. Soybeans Harvested for Beans 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.**CHAPTER 1—Con.**

	Page
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	30
31. Summary by Age and Principal Occupation of Operator: 1978	38
32. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than \$20,000: 1978	54
33. Summary by Size of Farm: 1978	70
34. Summary by Value of Agricultural Products Sold: 1978	86
35. Summary by Standard Industrial Classification of Farm: 1978	102

Chapter 2. County Summary Data

1. Number, Land, and Value of Farms: 1978 and 1974	118
2. Land Use: 1978	118
3. Irrigation: 1978	118
4. Farms by Tenure of Operator: 1978	118
5. Farms and Land in Farms by Type of Organization: 1978	119
6. Characteristics of Operators: 1978	119
7. Farms by Value of Sales and Occupation: 1978	119
8. Farms by Standard Industrial Classification: 1978	119
9. Farms by Market Value of Agricultural Products Sold: 1978	120
10. Market Value of Agricultural Products Sold for All Farms: 1978	120
11. Market Value of Agricultural Products Sold for Farms With Sales of \$2,500 or More: 1978	120
12. Selected Farm Production Expenses: 1978	120
13. Energy Expenses and Fuel Storage Capacity for Farm Business: 1978	121
14. Hired Farm Labor—Expenses and Number of Workers: 1978	121
15. Estimated Market Value of All Machinery and Equipment: 1978	121
16. Cattle and Calves—Inventory and Sales: 1978	122
17. Hogs and Pigs—Inventory and Sales: 1978	124
18. Poultry—Inventory and Sales: 1978	124
19. Broilers Sold by Number Per Farm: 1978	125
20. Sheep and Lambs—Inventory and Sales: 1978	125
21. Milk Goats—Inventory and Sales: 1978	125
22. Angora Goats—Inventory and Sales: 1978	Not shown
23. Mink and Their Pelts—Inventory and Sales: 1978	Not shown
24. Colonies of Bees and Honey—Inventory and Sales: 1978	125
25. Fish Sales: 1978	Not shown
26. Miscellaneous Poultry—Inventory and Sales: 1978	126
27. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1978	126
28. Grains—Corn, Sorghums, Wheat, and Other Small Grains: 1978	127
29. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1978	127
30. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1978	127
31. Vegetables, Sweet Corn, and Melons, Harvested for Sale: 1978	128
32. Fruits and Nuts: 1978	129
33. Berries: 1978	130
34. Nursery and Greenhouse Products, Mushrooms, and Sod: 1978	130
35. Other Crops: 1978	130
36. Operator Response to Land Held Under Foreign Ownership: 1978	131
37. Income From Machine Work, Customwork and Other Agricultural Services: 1978	131

TABLES—Con.**CHAPTER 2—Con.**

38. Value of Agricultural Products Sold Directly to Consumers for Human Consumption: 1978	131
39. Farms Operated by Black and Other Races: 1978	131
40. Farms Operated by Black and Other Races by Tenure: 1978	131
41. Operators by Selected Racial Groups: 1978	132
42. Operators of Spanish Origin: 1978	132
43. Female Operators: 1978	132

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	

Delaware	133	Sussex	148
Kent	138	Farms not on Mail List	153
New Castle	143		

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. Report Forms.	C-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 agri-

cultural 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.

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.

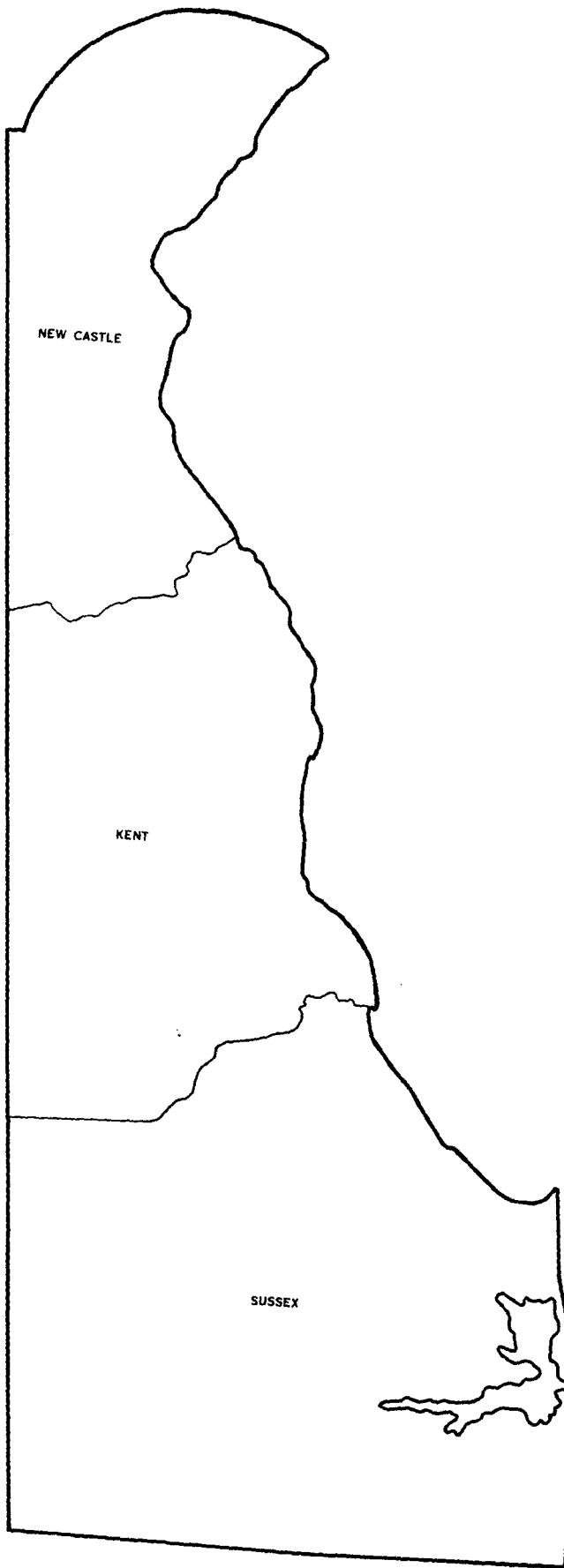
Highlights of the State's Agriculture: 1978 and 1974

	All forms		Forms with sales of \$2,500 or more			Total
	1978		1974 ¹		1978	
	Total	Not on mail list	Total	Total	Not on mail list	
Farms	3 632	234	3 400	3 185	158	2 988
Land in farms	679 045	9 399	630 605	662 647	7 527	613 573
Average size of farm	187	40	185	208	48	205
Harvested cropland	500 417	3 661	451 752	495 466	3 133	447 489
Average per farm	138	16	133	156	20	150
Farms by size:						
1 to 49 acres	1 476	184	1 295	1 125	113	999
50 to 499 acres	1 824	50	1 794	1 728	45	1 678
500 to 999 acres	227	—	225	227	—	225
1,000 acres or more	105	—	86	105	—	86
Value of land and buildings: ²						
Average per farm	270 381	78 456	180 023	299 858	87 114	197 850
Average per acre	1 500	28	901	1 487	1 829	963
Value of machinery and equipment on farms ²	\$1,000	143 141	3 290	86 213	2 917	82 781
Average per farm	dollars	39 411	14 059	25 357	43 623	27 704
Value of agricultural products sold	\$1,000	326 003	4 756	250 902	325 180	250 158
Average per farm	dollars	89 759	20 323	73 795	102 097	29 689
Crops sold	\$1,000	103 396	459	93 526	102 974	93 106
Average per farm	dollars	28 468	1 961	27 508	32 331	2 700
Livestock and livestock products sold	\$1,000	28 216	1 331	18 395	27 858	1 298
Average per farm	dollars	7 769	5 686	5 410	8 747	8 216
Poultry and poultry products sold	\$1,000	194 391	2 966	138 421	194 347	2 966
Average per farm	dollars	53 522	12 676	40 712	61 019	18 773
Forms by value of agricultural products sold:						
Less than \$2,500	number	444	76	437	—	28
\$2,500 to \$9,999	number	783	68	683	783	683
\$10,000 to \$39,999	number	835	42	864	835	864
\$40,000 to \$99,999	number	621	39	734	621	734
\$100,000 to \$199,999	number	557	9	446	557	9
\$200,000 or more	number	389	—	233	389	233
Abnormal farms	number	3	(X)	3	(X)	(X)
Value of agricultural products sold by farms having sales of—						
Less than \$2,500	\$1,000	562	65	528	—	31
\$2,500 to \$9,999	\$1,000	4 235	369	3 959	4 235	3 959
\$10,000 to \$39,999	\$1,000	17 740	725	18 973	17 740	18 973
\$40,000 to \$99,999	\$1,000	40 976	2 195	48 556	40 976	48 556
\$100,000 to \$199,999	\$1,000	78 388	1 403	61 928	78 388	1 403
\$200,000 or more	\$1,000	183 940	—	116 709	183 840	116 709
Abnormal farms	\$1,000	262	(X)	247	(X)	(X)
Form production expenses for selected items: ²						
Feed for livestock and poultry	\$1,000	121 055	2 789	94 366	120 736	94 180
Seeds, bulbs, plants, and trees	\$1,000	5 625	26	4 735	5 579	4 707
Commercial fertilizer	\$1,000	14 246	80	14 488	14 127	14 393
Other agricultural chemicals	\$1,000	6 920	63	5 020	6 865	5 993
Petroleum products—gasoline, diesel, etc.	\$1,000	8 159	167	5 705	8 016	5 630
Hired farm labor	\$1,000	15 194	63	11 802	14 986	11 676
Livestock and poultry inventory:						
Cattle and calves	number	29 325	1 222	30 615	28 458	1 194
Hogs and pigs	number	63 465	2 160	42 955	61 155	1 483
Sheep and lambs	number	590	—	1 443	526	—
Chickens 3 months old or older	number	729 789	1 994	701 871	727 376	1 397
Crops harvested:						
Corn for grain or seed	acres	157 834	1 317	150 931	156 876	1 256
bushels	bushels	15 100 658	120 285	10 805 497	15 029 165	115 970
Wheat for grain	acres	16 423	217	41 216	16 375	217
bushels	bushels	576 890	4 860	1 447 484	575 483	4 860
Soybeans for beans	acres	264 053	1 690	209 977	262 181	1 499
bushels	bushels	7 546 419	45 157	5 386 399	7 502 475	39 964
Hay crops	acres	21 845	672	17 851	20 179	456
tons, dry	tons, dry	47 035	596	41 620	44 276	240

¹Not fully comparable because of direct enumeration sample in 1978 totals; see text.

²1978 data are based on a sample of farms; see text.

DELAWARE



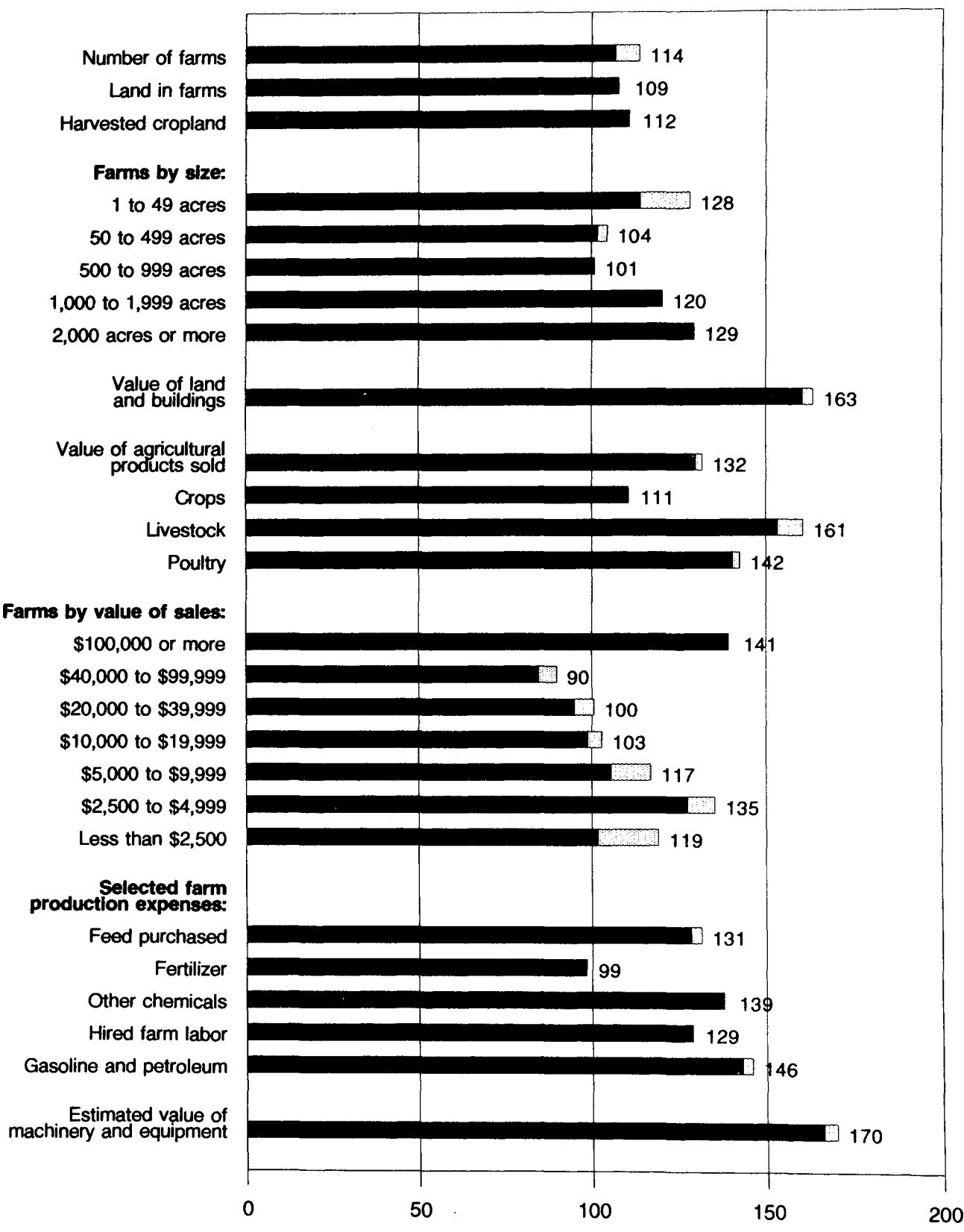
0 SCALE
 10 20 MILES

U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

DELAWARE

Chart 1.
Changes in State's Agriculture: 1978 From 1974

 Mail portion
Area sample

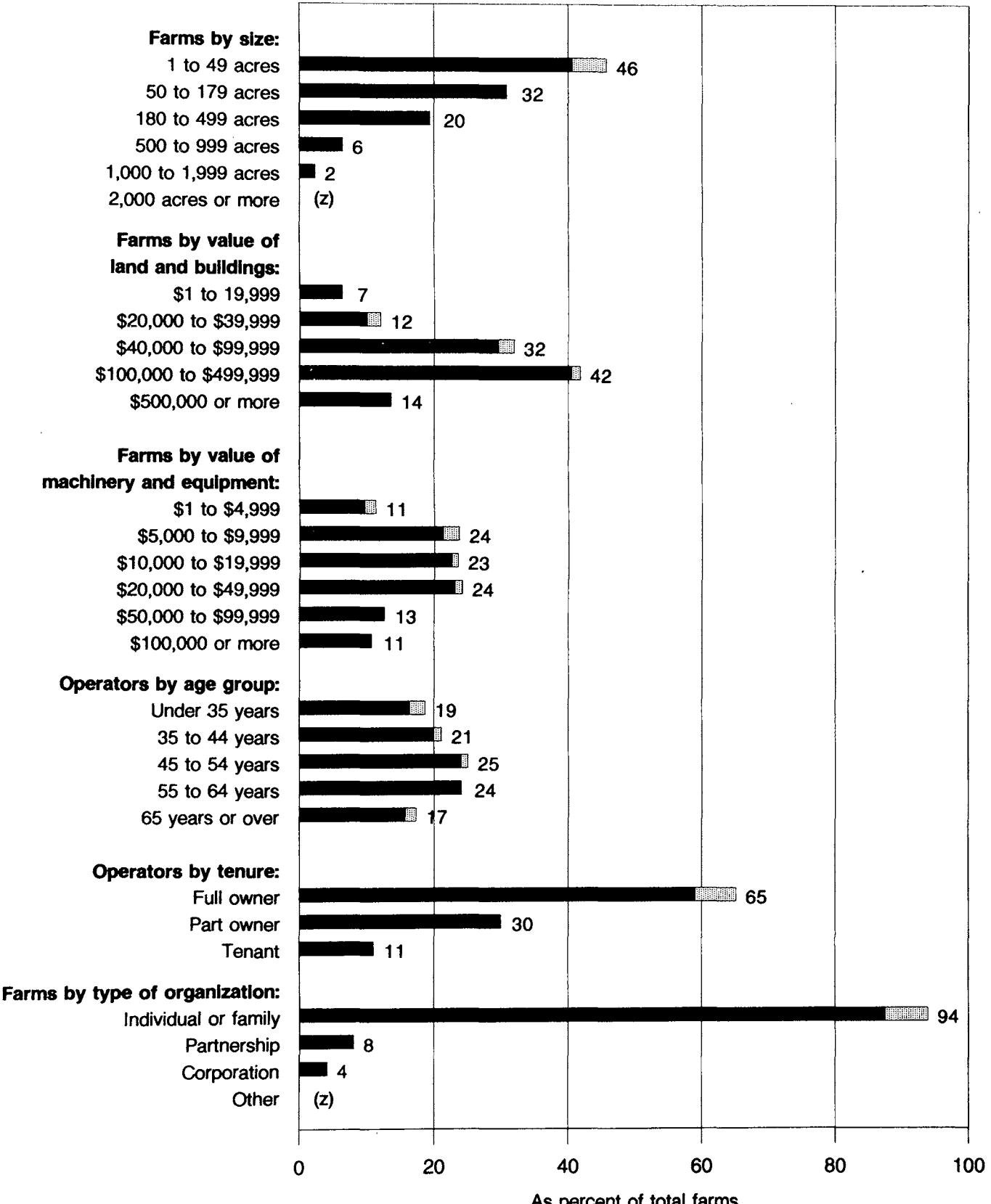


0 50 100 150 200 As percent of 1974

DELAWARE

Chart 2.
Profile of State's Agriculture: 1978

 Mail portion
Area sample



DELAWARE

Chart 2 — Con.

Profile of State's Agriculture: 1978

 Mail portion
Area sample

Operators working off farm:

None	50
1 to 99 days	10
100 to 199 days	10
200 days or more	37

Value of agricultural products by commodity group:

Crops	32
Livestock	9
Poultry	60

Expenditures for energy and petroleum products:

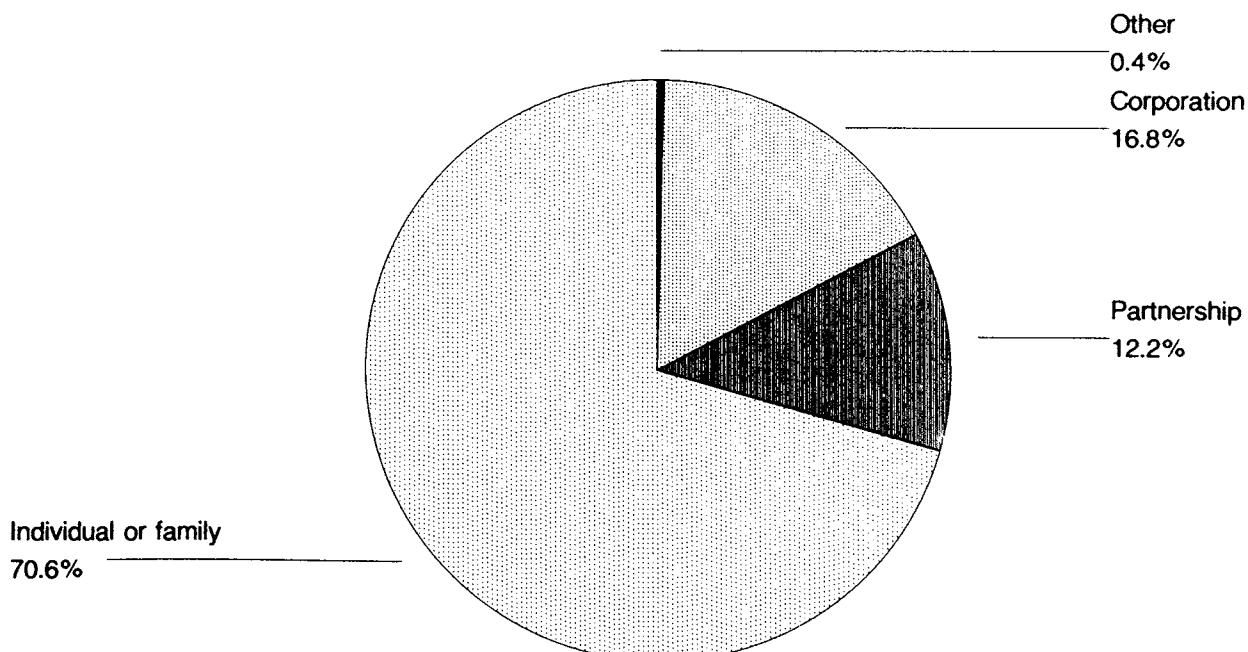
Gasoline	36
Diesel oil	21
Lp gas, butane	12
Fuel oil	4
Electricity	24
Other	6

0 20 40 60 80 100

As percent of total farms

Chart 3.

Land in Farms by Type of Organization: 1978



DELAWARE

Chart 4.
Farms by Value of Sales: 1978

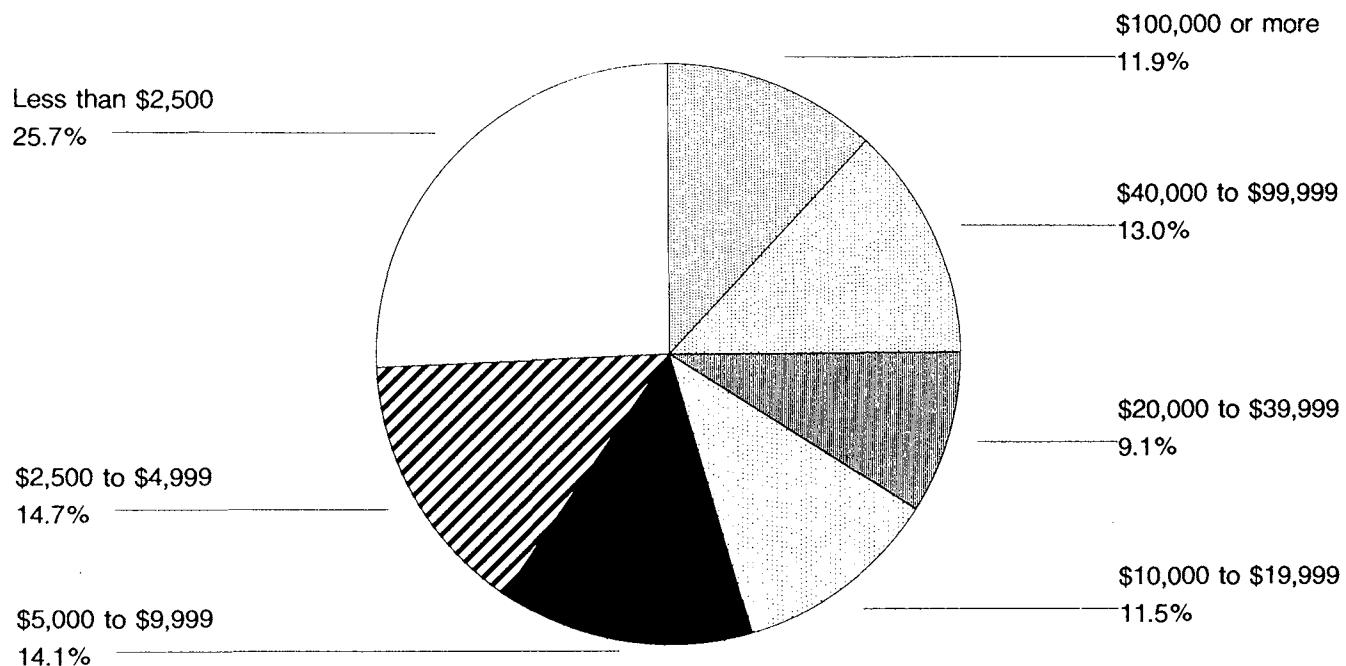
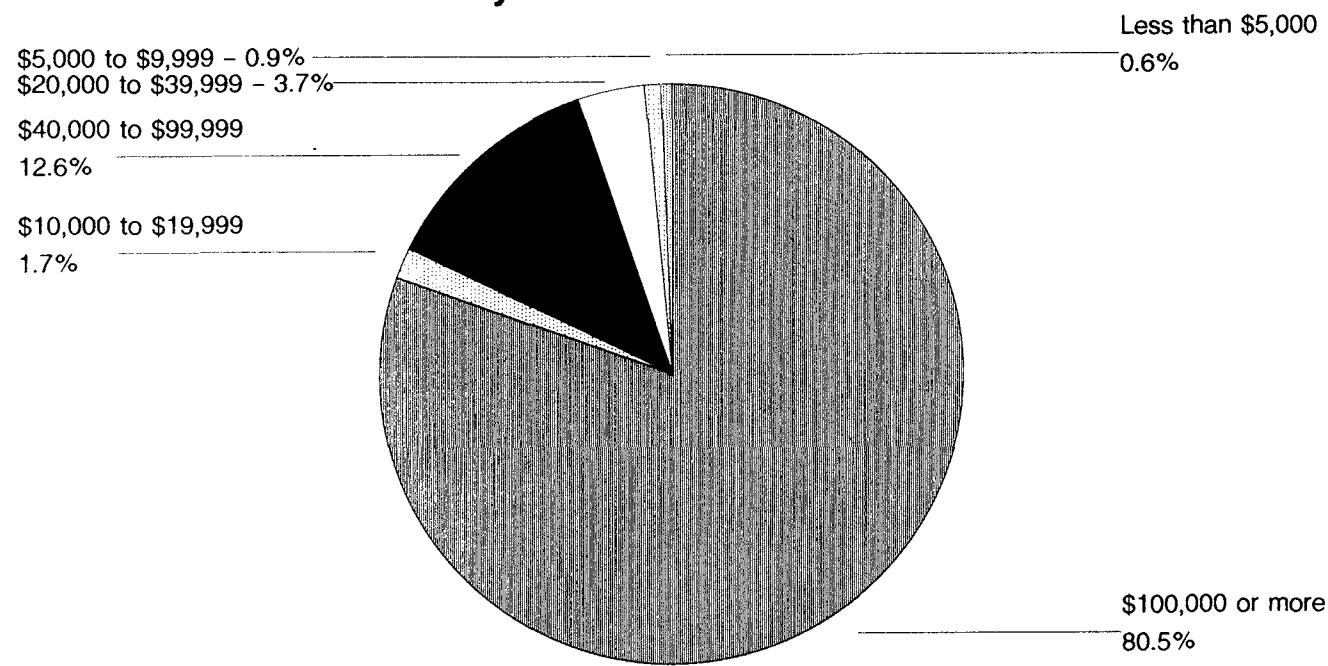
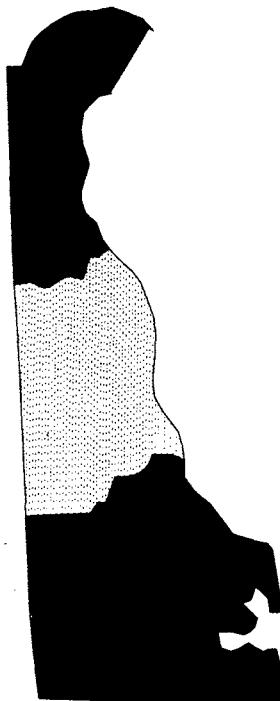


Chart 5.
Value of Products Sold by Size of Sales: 1978



Map 1. Land in Farms by County: 1978
As percent of land in county

State average 53.5 percent

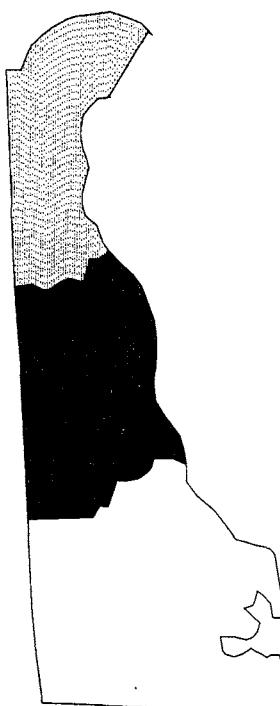


Percent
Less than 30
30 - 39
40 - 49
50 or more

U.S. Department of Commerce BUREAU OF CENSUS

Map 2. Average Size of Farm by County: 1978

Average size 187 acres



Acres
Less than 200
200 - 220
220 or more

U.S. Department of Commerce BUREAU OF CENSUS

Map 3. Value of Land and Buildings by County: 1978
Average per farm

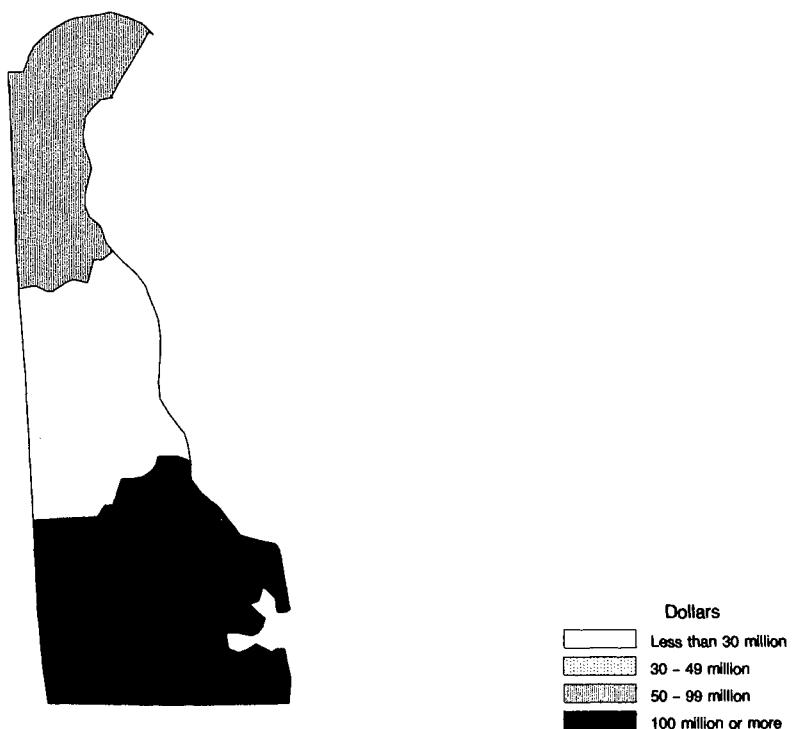
State average \$270,381



U.S. Department of Commerce BUREAU OF CENSUS

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

State total \$326,003,000



U.S. Department of Commerce BUREAU OF CENSUS

Map 5. Cattle and Calves Inventory by County: 1978

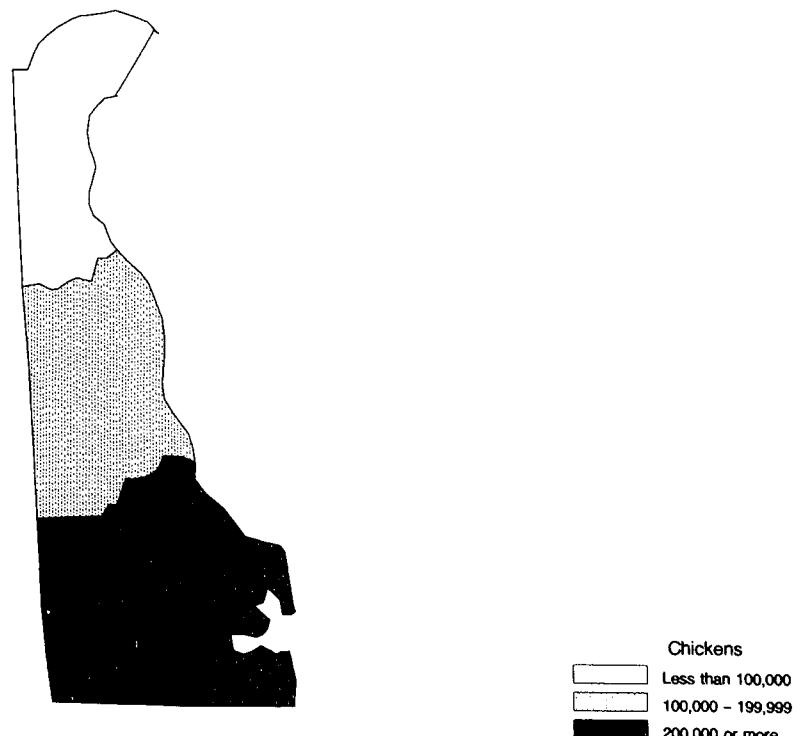
State total 29,325



U.S. Department of Commerce BUREAU OF CENSUS

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

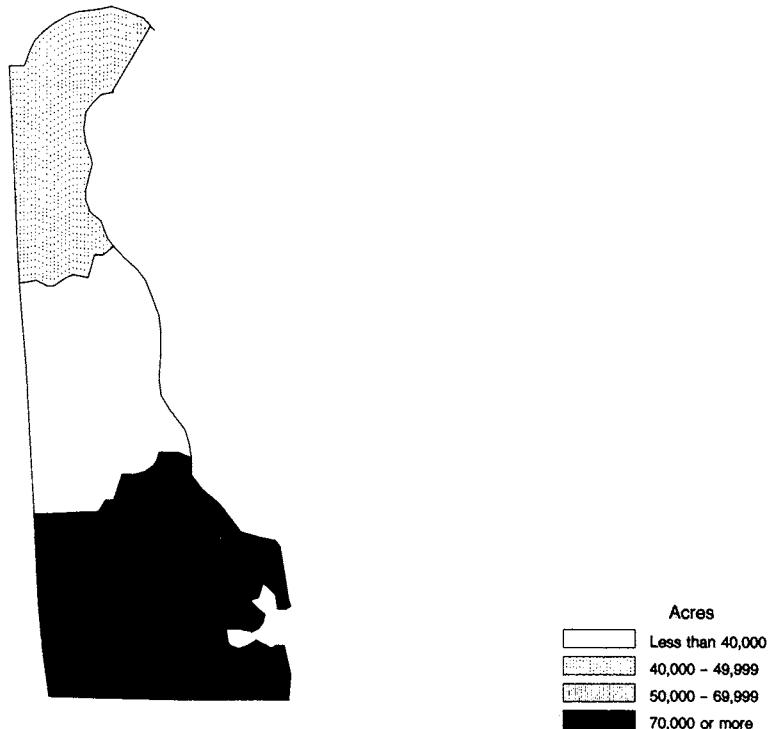
State total 729,789



U.S. Department of Commerce BUREAU OF CENSUS

Map 7. Corn Harvested for Grain by County: 1978

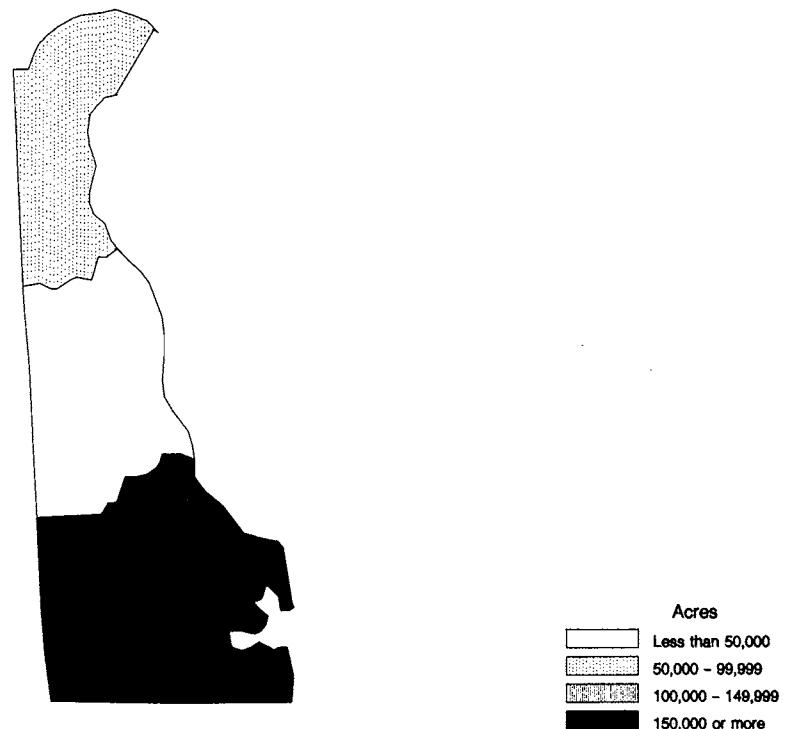
State total 157,834 acres



U.S. Department of Commerce BUREAU OF CENSUS

Map 8. Soybeans Harvested for Beans by County: 1978

State total 264,053 acres



U.S. Department of Commerce BUREAU OF CENSUS

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

	1978	1974	1969	1964	1959	1954	1950	1945	
All farms	number	3 632	3 400	3 710	4 401	5 208	6 297	7 448	9 296
Land in farms	acres	679 045	630 605	673 895	717 013	762 526	814 316	851 291	923 350
Average size of farm	acres	187	185	182	163	146	129	114	99
Approximate land area	acres	1 268 480	1 268 416	1 268 416	1 265 920	1 265 920	1 265 920	1 265 920	1 265 72.9
Proportion in farms	percent	53.5	49.7	53.1	56.6	60.2	64.3	67.2	72.9
Value of land and buildings: ¹	dollars	270 381	180 023	90 632	53 443	34 551	20 287	13 043	7 820
Average per farm	dollars	1 500	971	499	322	236	157	114	79
Average per acre									
Farms by value of land and buildings:									
\$1 to \$9,999		54	176	469	682	(NA)	(NA)	(NA)	(NA)
\$10,000 to \$19,999		174	260	644	979	(NA)	(NA)	(NA)	(NA)
\$20,000 to \$39,999		365	665	894	1 168	(NA)	(NA)	(NA)	(NA)
\$40,000 to \$69,999		571	632	620	706	(NA)	(NA)	(NA)	(NA)
\$70,000 to \$99,999		503	405	292	315	(NA)	(NA)	(NA)	(NA)
\$100,000 to \$149,999		480	343	281	218	(NA)	(NA)	(NA)	(NA)
\$150,000 to \$199,999		365	182	140	131	(NA)	(NA)	(NA)	(NA)
\$200,000 to \$499,999		626	454	273	170	(NA)	(NA)	(NA)	(NA)
\$500,000 or more		495	283	97	32	(NA)	(NA)	(NA)	(NA)
Land in farms according to use:									
Total cropland	farms	3 114	2 912	3 249	3 845	4 589	5 832	6 863	8 868
	acres	536 077	485 727	505 356	500 329	496 094	514 534	535 170	564 118
Harvested cropland	farms	2 944	2 792	3 052	3 646	4 358	5 512	6 448	8 450
	acres	500 417	451 752	422 984	418 538	416 197	412 295	389 283	416 162
Farms by acres harvested:									
1 to 49 acres		1 284	1 170	1 315	1 614	1 986	2 881	3 824	5 537
1 to 9 acres		363	289	272	433	483	765	1 163	1 756
10 to 19 acres		308	284	307	377	443	597	838	1 182
20 to 29 acres		246	250	277	287	375	584	697	993
30 to 49 acres		367	347	459	517	685	935	1 126	1 606
50 to 99 acres		516	540	620	759	1 040	1 371	1 484	1 868
100 to 199 acres		458	472	528	690	835	879	865	855
200 to 499 acres		438	396	423	486	421	334	257	172
500 to 999 acres		175	154	131	71	65	43	13	15
1,000 acres or more		73	60	35	26	11	4	5	3
1,000 to 1,999 acres		65	51	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2,000 acres or more		8	9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland used only for pasture or grazing ²	farms	771	734	963	1 390	2 030	2 871	3 662	3 052
	acres	18 662	20 751	26 647	32 220	43 130	63 860	72 051	62 842
Other cropland	farms	628	436	1 079	1 527	1 268	1 631	2 974	(NA)
	acres	16 998	13 224	55 725	49 571	36 767	38 379	73 836	85 114
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	129	(NA)	(NA)	793	283	(NA)	(NA)	(NA)
	acres	3 779	(NA)	(NA)	23 647	9 150	(NA)	(NA)	(NA)
Cropland on which all crops failed	farms	126	(NA)	(NA)	375	(NA)	(NA)	(NA)	1 059
	acres	1 805	(NA)	(NA)	10 587	(NA)	(NA)	(NA)	16 957
Cropland in cultivated summer fallow ³	farms	43	(NA)						
	acres	1 580	(NA)						
Cropland idle	farms	417	(NA)	(NA)	672	(NA)	1 344	(NA)	2 840
	acres	9 834	(NA)	(NA)	15 337	(NA)	31 127	(NA)	68 157
Total woodland	farms	1 745	1 573	2 015	2 771	3 595	4 317	5 054	5 898
	acres	103 878	100 394	121 117	160 916	191 431	214 893	216 853	232 229
Woodland pastured	farms	266	(NA)	(NA)	242	292	533	499	415
	acres	7 770	(NA)	(NA)	8 537	6 017	22 884	10 776	8 992
Woodland not pastured	farms	1 574	(NA)	(NA)	2 628	3 466	3 966	4 822	5 778
Other land	farms	96 108	(NA)	(NA)	152 379	185 414	192 009	206 077	223 237
	acres	2 427	2 316	2 334	(NA)	(NA)	(NA)	(NA)	(NA)
Pastureland and rangeland other than cropland and woodland pastured	farms	241	(NA)	(NA)	387	684	936	1 283	1 958
	acres	8 754	(NA)	(NA)	12 403	20 324	26 029	28 178	40 157
Land in house lots, ponds, roads, wasteland, etc.	farms	2 377	(NA)	(NA)	3 859	(NA)	5 913	6 932	8 272
	acres	30 336	(NA)	(NA)	43 365	54 677	58 860	71 090	86 846
Irrigated land	farms	255	154	164	158	156	81	10	3
	acres	33 725	19 879	20 421	17 542	15 533	5 553	404	22

¹1978 and 1950 through 1964 data are based on a sample of farms. ²Not fully comparable for various census years because of differences in cropland used only for pasture. ³Varies 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	3 185	2 988	2 815
Land in farms	acres	662 647	613 573	621 487
Average size of farm	acres	208	205	221
Value of land and buildings: ¹	dollars	299 858	197 850	109 919
Average per farm	dollars	1 487	963	498
Land in farms according to use:				
Total cropland	farms	2 709	2 521	2 434
	acres	527 312	477 519	478 148
Harvested cropland	farms	2 586	2 456	2 352
	acres	495 466	447 489	407 059
Farms by acres harvested:				
1 to 49 acres		933	838	651
50 to 99 acres		511	538	587
100 to 199 acres		456	470	527
200 to 499 acres		438	396	421
500 to 999 acres		175	154	131
1,000 acres or more		73	60	35
1,000 to 1,999 acres		65	51	30
2,000 acres or more		8	9	5
Cropland used only for pasture or grazing	farms	641	580	716
	acres	16 196	17 919	22 327
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	108	145	318
	acres	3 056	3 347	20 607
Land in farms according to use—Con.				
Total cropland—Con.				
Cropland on which all crops failed	farms	103	83	77
	acres	1 684	2 056	2 605
Cropland in cultivated summer fallow	farms	29	23	73
	acres	1 500	1 073	6 216
Cropland idle	farms	379	196	459
	acres	9 410	5 635	19 334
Total woodland	farms	1 535	1 382	1 533
	acres	98 401	94 125	103 816
Woodland pastured	farms	231	222	373
	acres	7 278	11 751	19 158
Woodland not pastured	farms	1 384	1 217	1 224
	acres	91 123	82 374	84 658
Pastureland and rangeland other than cropland and woodland pastured	farms	211	199	223
	acres	8 266	5 827	8 748
Land in house lots, ponds, roads, wasteland, etc.	farms	2 089	1 992	1 720
	acres	28 668	36 102	30 775
Pastureland, all types	farms	897	843	1 052
	acres	31 740	35 497	50 233
Irrigated land	farms	238	142	154
	acres	33 631	19 797	20 385

¹1978 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-----	3 632	3 400	679 045	630 605	500 417	451 752	33 725
with harvested cropland-----	-----	2 944	2 792	665 671	617 611	500 417	451 752	33 724
with irrigated land-----	-----	255	154	138 440	75 642	106 632	61 399	33 725
Farms by size:								
1 to 9 acres -----	number-----	584	507	2 156	1 853	537	510	70
with harvested cropland-----	-----	166	136	785	699	537	510	70
with irrigated land-----	-----	32	15	154	71	93	51	41
10 to 49 acres -----	number-----	892	788	22 561	20 783	12 258	11 772	241
with harvested cropland-----	-----	692	625	18 440	17 116	12 258	11 772	240
with irrigated land-----	-----	33	19	804	516	451	345	241
50 to 69 acres -----	number-----	281	286	16 180	16 512	9 712	9 941	240
with harvested cropland-----	-----	255	262	14 730	15 176	9 712	9 941	240
with irrigated land-----	-----	12	7	704	399	432	227	109
70 to 99 acres -----	number-----	324	328	26 784	27 110	15 926	16 357	192
with harvested cropland-----	-----	306	311	25 325	25 687	15 926	16 357	192
with irrigated land-----	-----	8	5	634	398	397	192	82
100 to 139 acres -----	number-----	301	322	34 901	37 252	22 033	23 706	238
with harvested cropland-----	-----	289	303	33 490	35 129	22 033	23 706	238
with irrigated land-----	-----	7	5	751	635	506	406	233
140 to 179 acres -----	number-----	213	194	33 412	30 443	21 018	19 063	825
with harvested cropland-----	-----	206	189	32 312	29 649	21 018	19 063	825
with irrigated land-----	-----	13	4	1 989	657	1 512	453	201
180 to 219 acres -----	number-----	192	178	38 378	35 235	25 249	23 438	520
with harvested cropland-----	-----	189	174	37 787	34 465	25 249	23 438	520
with irrigated land-----	-----	11	5	2 178	959	1 632	614	471
220 to 259 acres -----	number-----	134	132	31 870	31 502	23 207	22 551	568
with harvested cropland-----	-----	133	132	31 625	31 502	23 207	22 551	568
with irrigated land-----	-----	10	4	2 331	959	1 961	856	472
260 to 499 acres -----	number-----	379	354	134 937	125 504	101 190	90 606	5 366
with harvested cropland-----	-----	377	349	134 111	123 777	101 190	90 606	5 366
with irrigated land-----	-----	48	35	18 084	11 785	13 953	9 023	5 366
500 to 999 acres -----	number-----	227	225	156 410	153 976	126 667	123 892	10 475
with harvested cropland-----	-----	226	225	155 610	153 976	126 667	123 892	10 475
with irrigated land-----	-----	49	36	35 708	26 188	30 091	22 732	7 367
1,000 to 1,999 acres -----	number-----	83	69	109 181	90 789	91 863	73 180	7 835
with harvested cropland-----	-----	83	69	109 181	90 789	91 863	73 180	4 142
with irrigated land-----	-----	20	14	28 348	19 281	24 935	15 134	7 835
2,000 acres or more -----	number-----	22	17	72 275	59 646	50 757	36 736	7 155
with harvested cropland-----	-----	22	17	72 275	59 646	50 757	36 736	3 064
5,000 acres or more -----	number-----	3	(NA)	46 755	13 794	30 669	11 366	7 155
with harvested cropland-----	-----	3	(NA)	27 610	(NA)	14 600	(NA)	3 064
with irrigated land-----	-----	2	(NA)	(D)	(NA)	(D)	(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-----	3 632	3 400	3 710	92	74
acres-----	-----	679 045	630 605	673 895	8 604	5 070
Harvested cropland-----	farms-----	2 944	2 792	3 052	74	48
acres-----	-----	500 417	451 752	422 984	6 513	4 740
Full owners -----	farms-----	2 144	2 088	2 289	54	45
acres-----	-----	182 780	191 039	240 052	1 356	3 170
Harvested cropland-----	farms-----	1 500	1 529	1 688	37	41
acres-----	-----	99 504	103 875	111 127	769	1 603
Part owners -----	farms-----	1 087	904	957	30	21
acres-----	-----	424 943	363 065	347 064	6 381	2 826
Harvested cropland-----	farms-----	1 076	888	942	30	21
acres-----	-----	336 969	281 762	243 879	4 881	2 265
Tenants -----	farms-----	401	408	464	8	8
acres-----	-----	71 322	76 501	86 779	867	1 210
Harvested cropland-----	farms-----	368	375	422	7	6
acres-----	-----	63 944	66 115	67 978	863	872
Percent of tenancy -----	percent-----	11.0	12.0	12.5	8.7	10.8
Farms by type of organization:						
Individual or family -----	farms-----	3 178	(NA)	(NA)	87	(NA)
acres-----	-----	479 300	(NA)	(NA)	8 064	(NA)
Partnership -----	farms-----	291	(NA)	(NA)	5	(NA)
acres-----	-----	83 032	(NA)	(NA)	540	(NA)
Corporations -----	farms-----	150	(NA)	(NA)	—	(NA)
acres-----	-----	113 978	(NA)	(NA)	—	(NA)
Family held:						
More than 10 stockholders -----	farms-----	3	(NA)	(NA)	—	(NA)
acres-----	-----	11 675	(NA)	(NA)	—	(NA)
10 or less stockholders -----	farms-----	131	(NA)	(NA)	—	(NA)
acres-----	-----	96 211	(NA)	(NA)	—	(NA)
Other than family held:						
More than 10 stockholders -----	farms-----	4	(NA)	(NA)	—	(NA)
acres-----	-----	1 911	(NA)	(NA)	—	(NA)
10 or less stockholders -----	farms-----	12	(NA)	(NA)	—	(NA)
acres-----	-----	4 181	(NA)	(NA)	—	(NA)
Other—cooperative, estate or trust, institutional, etc. -----	farms-----	13	(NA)	(NA)	—	(NA)
acres-----	-----	2 735	(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	122	60	80	—	—	—
25 to 34 years	474	335	377	6	9	3
35 to 44 years	725	584	748	16	6	6
45 to 54 years	870	907	1 029	17	16	14
55 to 64 years	871	806	838	30	30	13
65 years and over	570	621	638	23	13	17
Average age	49.9	51.9	50.9	55.4	54.0	57.9
Operators by place of residence: ¹						
On farm operated	2 756	2 150	2 709	52	48	29
Not on farm operated	486	399	513	28	12	12
Not reported	390	851	488	12	14	12
Operators reporting days of work off farm: ¹						
None	1 576	1 225	(NA)	30	22	(NA)
Any	1 883	1 387	1 997	54	41	29
1 to 49 days	232	137	310	7	—	6
50 to 99 days	108	76	150	8	2	3
100 to 149 days	99	78	225	2	2	1
150 to 199 days	223	112	—	1	3	—
200 days or more	1 221	984	1 312	36	34	19
Not reporting	173	701	(NA)	8	11	(NA)
Operators by principal occupation: ¹						
Farming	2 079	2 189	(NA)	40	34	(NA)
Other	1 553	1 124	(NA)	52	40	(NA)
Operators by sex:						
Male	3 402	(NA)	(NA)	86	(NA)	(NA)
	farms			8 401	(NA)	(NA)
	acres	662 964	(NA)	(NA)	(NA)	(NA)
Female	230	(NA)	(NA)	6	(NA)	(NA)
	farms			203	(NA)	(NA)
	acres	16 081	(NA)	(NA)	(NA)	(NA)
Operators of Spanish origin	24	(NA)	(NA)	2	(NA)	(NA)
	farms			(D)	(NA)	(NA)
	acres	3 495	(NA)	(NA)	(NA)	(NA)

¹1969 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	Black and other races, (see text)		Farms	Black and other races, (see text)
Individual or family	2 754	60	2 671	53	2 455	23
	farms				465 851	2 565
	acres	464 851	7 624	456 319	6 616	5
Partnership	278	5	233	1	293	—
	farms				101 000	1 440
	acres	82 516	540	79 378	(D)	
Corporations	144	—	79	(NA)	54	—
	farms				52 431	
	acres	113 521	—	77 263	(NA)	
Family held:						
More than 10 stockholders	3	—	(NA)	(NA)	(NA)	(NA)
	farms				(NA)	(NA)
	acres	11 675	—	(NA)	(NA)	(NA)
10 or less stockholders	126	—	(NA)	(NA)	(NA)	(NA)
	farms				(NA)	(NA)
	acres	95 755	—	(NA)	(NA)	(NA)
Other than family held:						
More than 10 stockholders	3	—	(NA)	(NA)	(NA)	(NA)
	farms				(NA)	(NA)
	acres	(D)	—	(NA)	(NA)	(NA)
10 or less stockholders	12	—	(NA)	(NA)	(NA)	(NA)
	farms				(NA)	(NA)
	acres	(D)	—	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.	9	—	5	(NA)	13	—
	farms				2 205	
	acres	1 759	—	613	(NA)	

¹1969 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	Expenses (\$1,000)	1974	1969
Livestock and poultry purchased	farms \$1,000			
1 724	(X)	37 128	1 600	1 795
Farms with expenses of—			30 263	14 964
\$1 to \$499	219	43	245	398
\$500 to \$999	135	92	96	120
\$1,000 to \$4,999	305	773	285	445
\$5,000 to \$9,999	244	1 743	288	380
\$10,000 to \$14,999	268	3 375	418	
\$15,000 to \$19,999	185	3 202		
\$20,000 to \$29,999	206	4 882		
\$30,000 to \$39,999	65	2 233		
\$40,000 to \$49,999	35	1 542	268	
\$50,000 to \$79,999	39	2 415		
\$80,000 or more	23	16 829		
			452	
Feed for livestock and poultry	farms \$1,000			
2 051	(X)	121 055	1 917	2 176
Farms with expenses of—			94 366	46 228
\$1 to \$499	303	72	308	463
\$500 to \$999	171	117	133	161
\$1,000 to \$4,999	298	710	245	351
\$5,000 to \$9,999	110	781	86	183
\$10,000 to \$14,999	32	400		
\$15,000 to \$19,999	55	982	144	
\$20,000 to \$29,999	82	2 035		
\$30,000 to \$39,999	113	3 877	1 001	
\$40,000 to \$79,999	376	22 704		
\$80,000 or more	511	89 378		
			1 018	
Commercially mixed formula feeds	farms \$1,000			
1 599	(X)	117 592	1 730	1 868
Farms with expenses of—			88 684	45 139
\$1 to 49 tons	462	(X)	598	700
50 to 99 tons	42	(X)	98	145
100 to 199 tons	170	(X)	231	295
200 to 499 tons	474	(X)	476	447
500 to 799 tons	255	(X)		
800 to 999 tons	72	(X)	327	281
1,000 tons or more	124	(X)		
Forms with expenses of—				
\$1 to \$499	122	28	268	315
\$500 to \$999	59	39	101	116
\$1,000 to \$4,999	225	537	201	285
\$5,000 to \$9,999	72	465	61	154
\$10,000 to \$14,999	17	223		
\$15,000 to \$19,999	54	972	127	
\$20,000 to \$29,999	84	2 148		
\$30,000 to \$39,999	97	3 365	972	
\$40,000 to \$49,999	96	4 255		
\$50,000 or more	773	105 559		
Animal health cost	farms \$1,000			
1 565	(X)	2 462	(NA)	(NA)
Farms with expenses of—			(NA)	(NA)
\$1 to \$99	276	13	(NA)	(NA)
\$100 to \$499	397	102	(NA)	(NA)
\$500 to \$999	466	331	(NA)	(NA)
\$1,000 to \$2,999	220	363	(NA)	(NA)
\$3,000 to \$4,999	94	366	(NA)	(NA)
\$5,000 or more	112	1 287	(NA)	(NA)
Seeds, bulbs, plants, and trees	farms \$1,000			
2 407	(X)	5 625	2 251	2 669
Farms with expenses of—			4 735	2 292
\$1 to \$499	1 000	217	1 093	1 890
\$500 to \$999	500	347	380	372
\$1,000 to \$4,999	663	1 405	586	325
\$5,000 to \$9,999	144	954	98	47
\$10,000 to \$19,999	52	675		
\$20,000 or more	48	2 028	94	35

All Farms

	1978			
	Farms	Expenses (\$1,000)	1974	1969
Commercial fertilizer	farms \$1,000			
2 585	(X)	14 246	2 328	2 673
Farms with expenses of—			14 488	6 442
\$1 to \$499	680	155	595	1 101
\$500 to \$999	399	288	291	457
\$1,000 to \$4,999	883	2 028	814	773
\$5,000 to \$9,999	280	2 000	244	191
\$10,000 to \$19,999	178	2 545	193	
\$20,000 to \$29,999	67	1 603		
\$30,000 to \$39,999	38	1 297	191	151
\$40,000 or more	60	4 331		
Other agricultural chemicals including lime	farms \$1,000			
2 632	(X)	6 920	1 822	(NA)
Farms with expenses of—			5 020	2 007
\$1 to \$99	192	9	209	(NA)
\$100 to \$499	816	203	534	(NA)
\$500 to \$999	492	346	275	(NA)
\$1,000 to \$4,999	363	495	568	(NA)
\$2,000 to \$4,999	442	1 417		
\$5,000 to \$9,999	184	1 218		
\$10,000 to \$19,999	93	1 197	236	(NA)
\$20,000 or more	50	2 033		
Hired farm labor	farms \$1,000			
1 648	(X)	15 194	1 164	1 789
Farms with expenses of—			11 802	7 527
\$1 to \$99	76	4	88	
\$100 to \$499	369	98	247	777
\$500 to \$999	173	110	145	251
\$1,000 to \$2,499	407	673	165	256
\$2,500 to \$4,999	181	657	142	226
\$5,000 to \$9,999	170	1 190	181	143
\$10,000 to \$19,999	114	1 449	90	
\$20,000 to \$29,999	40	890		
\$30,000 to \$49,999	69	2 739	106	136
\$50,000 or more	49	7 384		
Contract labor	farms \$1,000			
268	(X)	1 501	122	(NA)
Farms with expenses of—			1 309	(NA)
\$1 to \$499	92	24	31	(NA)
\$500 to \$999	38	25	16	(NA)
\$1,000 to \$4,999	89	169	28	(NA)
\$5,000 to \$9,999	17	118	19	(NA)
\$10,000 to \$19,999	14	213		
\$20,000 or more	18	953	28	(NA)
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000			
1 728	(X)	2 436	1 550	(NA)
Farms with expenses of—			1 854	(NA)
\$1 to \$499	677	165	679	(NA)
\$500 to \$999	373	247	362	(NA)
\$1,000 to \$4,999	592	1 221	454	(NA)
\$5,000 to \$9,999	68	394	43	(NA)
\$10,000 to \$19,999	12	159		
\$20,000 or more	6	251	12	(NA)
Energy and petroleum products expenses	farms \$1,000			
3 613	(X)	10 621	(NA)	(NA)
Farms with expenses of—			(NA)	(NA)
\$1 to \$499	973	232	(NA)	(NA)
\$500 to \$999	623	459	(NA)	(NA)
\$1,000 to \$1,999	802	1 130	(NA)	(NA)
\$2,000 to \$4,999	709	2 204	(NA)	(NA)
\$5,000 to \$9,999	295	2 091	(NA)	(NA)
\$10,000 to \$19,999	154	2 053	(NA)	(NA)
\$20,000 to \$39,999	42	1 122	(NA)	(NA)
\$40,000 or more	15	1 331	(NA)	(NA)
Petroleum products	farms \$1,000			
3 611	(X)	8 159	3 283	3 625
Farms with expenses of—			5 705	3 826
\$1 to \$499	1 295	291	1 214	1 814
\$500 to \$999	748	532	667	799
\$1,000 to \$1,999	616	902	1 183	903
\$2,000 to \$4,999	541	1 654	151	86
\$5,000 to \$9,999	259	1 764		
\$10,000 to \$19,999	115	1 481	68	23
\$20,000 or more	37	1 536		

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 farms		Farms with sales of \$2,500 or more			
	Farms	Expenses (\$1,000)	1978, farms		expenses (\$1,000)	1974, farms
			1978,	1974,		
Gasoline	forms \$1,000	3 401 (X)	(X)	2 950 (X)	(X)	2 828 3 095
Farms with expenses of—		3 724	3 626	2 000	2 686	2 000
\$1 to \$499		1 625	226	1 165	1 423	
\$500 to \$999		814	340	655	676	
\$1,000 to \$1,999		446	537	621	388	
\$2,000 to \$4,999		386	626	327	163	
\$5,000 to \$9,999		96	446	44	36	
\$10,000 to \$19,999		27	385	16		
\$20,000 or more		7	611	176		
Diesel fuel	forms \$1,000	1 596 (X)	1 558 (X)	1 110 2 227	790 438	
Farms with expenses of—		2 236	2 227	1 125		
\$1 to \$499		728	165	583	534	
\$500 to \$999		297	197	198	135	
\$1,000 to \$1,999		226	295	170	81	
\$2,000 to \$4,999		270	225	123	34	
\$5,000 to \$9,999		45	270	29	6	
\$10,000 or more		30	280	7		
LP gas, butane, and propane	forms \$1,000	592 (X)	579 (X)	501 1 214	615 639	
Farms with expenses of—		1 233	(X)		575	
\$1 to \$99		30	2	72	141	
\$100 to \$499		167	45	180	213	
\$500 to \$999		103	75	144	126	
\$1,000 to \$2,499		156	216	92	135	
\$2,500 to \$4,999		104	155	13		
\$5,000 or more		32	279			
Motor oil, grease, natural gas, kerosene, and fuel oil	forms \$1,000	3 611 (X)	3 156 (X)	2 924 948	2 793 771	
Farms with expenses of—		966	(X)		659	
\$1 to \$99		2 082	73	1 467	1 789	
\$100 to \$499		1 094	219	1 090	818	
\$500 to \$999		278	176	258	100	
\$1,000 to \$2,999		102	134	101	86	
\$3,000 to \$4,999		36	102			
\$5,000 or more		19	111	8		
1978, All farms						
All Farms	Fuel oil		Natural gas		Kerosene, motor oil, and grease	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Farms	number dollars	308 (X)	33 (X)	3 611 (X)	2 343 (X)	61 (X)
Farms with expenses of—		380	28	558	2 449	14
\$1 to \$99		29	1	226	253	21
\$100 to \$499		220	98	80	13	(D)
\$500 to \$999		27	21	1 311	646	39
\$1,000 to \$2,499		18	36	350	375	11
\$2,500 or more		14	56	61	514	(D)
		189	1	9	155	—
				22	436	—
				4	68	839
				35	68	—
					839	—
						—

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	3 401	6 295	3 724	59.2	2 123	3 007	1 054
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	1 025	2 363	758
Diesel fuel	1 596	4 602	2 236	48.6	1 204	1 800	729
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	521	1 450	1 072
LP gas, butane, and propane	592	2 763	1 233	44.6	371	569	465
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	293	512	1 252
Fuel oil	308	832	380	45.6	198	261	450
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	78	212	1 538
						147	884
							1 886

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	
		Farms	Expenses (\$1,000)	Farms	1969
Hired farm labor		1 648	1 553	1 121	1 608
Workers by number of days worked:		8 800	8 616	7 132	14 121
150 days or more	farms payroll, \$1,000	15 194	14 986	11 676	7 464
Less than 150 days	farms workers	713	707	505	547
Contract labor	farms expenses, \$1,000	2 087	2 070	1 896	1 572
		1 379	1 284	847	1 342
		6 713	6 546	5 236	12 549
		268	257	118	187
		1 501	1 491	1 308	1 091

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) forms \$1,000	3 632	3 400	3 710	3 185	2 988	2 815
Average per farm dollars	326 003	250 902	129 471	325 180	250 158	128 421
89 759	73 795	34 897	102 097	83 721	45 620	
Farms by value of agricultural products sold:						
Less than \$2,500 (see text) forms	444	437	927	(X)	28	34
\$2,500 to \$4,999 forms	562	528	949	(X)	31	51
\$5,000 to \$7,499 forms	358	281	439	358	281	439
\$7,500 to \$9,999 forms	1 286	1 040	1 573	1 286	1 040	1 573
\$10,000 to \$14,999 forms	265	229	268	265	229	268
\$15,000 to \$19,999 forms	1 596	1 422	1 640	1 596	1 422	1 640
\$20,000 to \$29,999 forms	160	173	166	160	173	166
\$30,000 to \$39,999 forms	1 353	1 497	1 449	1 353	1 497	1 449
\$40,000 to \$59,999 forms	254	254	241	254	254	241
\$60,000 to \$79,999 forms	3 089	3 132	2 961	3 089	3 132	2 961
\$80,000 to \$99,999 forms	157	163	187	157	163	187
\$100,000 or more forms	2 695	2 802	3 311	2 695	2 802	3 311
\$100,000 to \$199,999 forms	258	253	302	258	253	302
\$200,000 to \$499,999 forms	6 209	6 264	7 497	6 209	6 264	7 497
\$500,000 or more forms	5 748	6 775	8 406	5 748	6 775	8 406
Abnormal farms forms	264	307	357	264	307	357
\$1,000	12 991	15 079	17 481	12 991	15 079	17 481
\$1,000	196	239	178	196	239	178
\$1,000	13 605	16 644	12 321	13 605	16 644	12 321
\$1,000	161	188	142	161	188	142
\$1,000	14 380	16 833	12 533	14 380	16 833	12 533
\$1,000	946	679	260	946	679	260
\$1,000	262 229	178 638	59 198	262 229	178 637	59 198
\$1,000	557	446	192	557	446	192
\$1,000	78 388	61 928	(NA)	78 388	61 928	(NA)
\$1,000	315	187	54	315	187	54
\$1,000	91 689	53 922	(NA)	91 689	53 922	(NA)
\$1,000	74	46	14	74	46	14
\$1,000	92 152	62 787	(NA)	92 152	62 787	(NA)
Form sales by commodity or commodity group:						
Crops, including nursery and greenhouse products forms	2 736	2 665	2 861	2 453	2 379	2 199
\$1,000	103 396	93 526	37 325	102 974	93 106	36 555
Grains forms	2 479	(NA)	(NA)	2 267	2 224	2 074
\$1,000	71 433	(NA)	(NA)	71 117	66 605	21 617
Commodity Credit Corporation loans forms	82	(NA)	(NA)	80	(NA)	(NA)
\$1,000	551	(NA)	(NA)	(D)	(NA)	(NA)
Cotton and cottonseed forms	—	(NA)	(NA)	—	—	—
\$1,000	—	(NA)	(NA)	—	—	—
Commodity Credit Corporation loans forms	—	(NA)	(NA)	—	(NA)	(NA)
\$1,000	—	(NA)	(NA)	—	(NA)	(NA)
Tobacco forms	—	(NA)	(NA)	—	—	—
\$1,000	—	(NA)	(NA)	—	—	—
Field seeds, hay, forage, and silage forms	255	(NA)	(NA)	206	241	275
\$1,000	821	(NA)	(NA)	778	562	440
Vegetables, sweet corn, and melons forms	389	(NA)	(NA)	352	301	375
\$1,000	15 994	(NA)	(NA)	15 965	13 332	7 040
Fruits, nuts, and berries forms	56	(NA)	(NA)	44	43	59
\$1,000	1 502	(NA)	(NA)	1 492	1 190	863
Nursery and greenhouse products forms	113	109	(NA)	98	86	53
\$1,000	8 052	5 644	(NA)	8 028	5 620	3 051
Other crops forms	50	(NA)	(NA)	50	59	73
\$1,000	5 595	(NA)	(NA)	5 595	5 797	3 544
Livestock, poultry, and their products sold forms	2 077	1 904	2 166	1 894	1 733	1 918
\$1,000	222 607	156 816	91 792	222 205	156 493	91 514
Poultry and poultry products forms	1 205	1 194	(NA)	1 174	1 152	1 247
\$1,000	194 391	138 421	(NA)	194 347	138 337	79 406
Dairy products forms	222	(NA)	(NA)	218	222	322
\$1,000	11 998	(NA)	(NA)	11 873	8 783	6 715
Cattle and calves forms	590	(NA)	(NA)	533	555	(NA)
\$1,000	5 904	(NA)	(NA)	5 829	3 311	1 722
Sheep, lambs, and wool forms	27	(NA)	(NA)	23	29	—
\$1,000	24	(NA)	(NA)	19	28	—
Hogs and pigs forms	655	(NA)	(NA)	564	471	(NA)
\$1,000	8 613	(NA)	(NA)	8 505	5 274	3 671
Other livestock and livestock products (see text) forms	209	(NA)	(NA)	158	80	—
\$1,000	1 677	(NA)	(NA)	1 632	760	—

¹1974 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 forms	193	(X)	151	(X)
\$1,000	(X)	7 188	(X)	1 157
Average per farm dollars	(X)	6 158	(X)	7 661
Farms by value of direct sales:				
\$1 to \$99	14	1	12	(D)
\$100 to \$249	22	3	15	(D)
\$250 to \$499	26	9	15	5
\$500 to \$999	31	23	22	16
\$1,000 to \$4,999	68	152	55	132
\$5,000 to \$9,999	15	106	15	106
\$10,000 to \$19,999	4	56	4	56
\$20,000 to \$29,999	4	87	4	87
\$30,000 or more	9	752	9	752

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

	All farms			Farms with sales of \$2,500 or more		
	1978			1974		
	1978	1974	1969	1978	1974	1969
Total	400	347	423	380	328	375
farms	1 472	1 239	883	1 423	1 192	849
Average per farm	\$1,000 dollars	3 681	3 571	2 087	3 745	2 264
Income from machine work, customwork, and other agricultural services:						
\$1 to \$249	57	(NA)	(NA)	52	47	69
\$250 to \$499	42	(NA)	(NA)	41	38	50
\$500 to \$999	66	(NA)	(NA)	63	45	75
\$1,000 to \$4,999	164	(NA)	(NA)	156	134	148
\$5,000 to \$9,999	40	(NA)	(NA)	39	41	17
\$10,000 to \$19,999	18	(NA)	(NA)	16	3	23
\$20,000 to \$29,999	3	(NA)	(NA)	3	10	16
\$30,000 or more	10	(NA)	(NA)			

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

All Farms	Farms	Land in farms (acres)	Harvested cropland (acres)	Selected capital assets, ¹ average per farm (\$1,000)		Value of sales (\$1,000)		
				Value of land and buildings	Value of machinery and equipment	Total	Crops, including nursery and greenhouse products	Livestock and livestock products
Total	3 632	679 045	500 417	270 381	39 411	326 003	103 396	28 216
Crops (01)	1 955	466 050	362 691	325 212	42 404	90 137	84 347	3 191
Cash grains (011)	1 606	385 676	306 023	310 581	40 754	57 220	52 941	2 671
Wheat (0111)	1	(D)	(D)	—	—	(D)	(D)	—
Rice (0112)	—	—	—	—	—	—	—	—
Corn (0115)	307	82 506	67 831	496 573	56 130	12 240	12 058	155
Soybeans (0116)	1 133	221 598	173 261	229 188	31 010	29 122	28 137	664
Cash grains, n.e.c. ² (0119)	165	(D)	(D)	592 391	89 192	(D)	(D)	1 852
Field-crops, except cash grains (013)	81	15 832	11 962	287 575	46 241	6 270	6 256	13
Cotton (0131)	—	—	—	—	—	—	—	—
Tobacco (0132)	—	—	—	—	—	—	—	—
Sugar crops (0133)	—	—	—	—	—	—	—	—
Irish potatoes (0134)	21	10 176	9 114	952 590	152 504	5 794	5 794	—
Field crops, except cash grains, n.e.c. ² (0139)	60	5 656	2 848	118 503	19 225	477	462	13
Vegetables and melons (016)	99	43 067	29 404	657 497	98 064	13 393	13 109	203
Fruits and tree nuts (017)	21	2 120	1 575	210 292	22 778	936	935	1
Berry crops (0171)	6	287	56	150 000	15 000	46	46	—
Grapes (0172)	3	109	10	61 877	5 833	14	14	—
Tree nuts (0173)	—	—	—	—	—	—	—	—
Citrus fruits (0174)	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175)	5	1 654	1 467	1 425 000	157 500	873	873	—
Fruits and tree nuts, n.e.c. ² (0179)	7	70	42	46 000	5 000	3	3	1
Horticultural specialties (018)	94	5 832	3 965	324 164	28 561	8 246	8 243	3
Ornamental floriculture and nursery products (0181)	77	5 035	3 460	332 359	25 612	4 929	4 926	3
Food crops grown under cover (0182)	17	797	505	254 233	53 724	3 317	3 317	—
Horticultural specialties, n.e.c. ² (0189)	54	13 523	9 762	333 517	42 188	4 073	2 863	301
General farms, primarily crop (019)	1 677	212 995	137 726	203 969	35 783	235 866	19 049	25 025
Livestock (02)								191 792
Livestock, except dairy, poultry, and animal specialties (021)	334	29 837	14 635	184 777	14 976	9 943	1 238	8 000
Beef cattle feedlots (0211)	28	5 893	3 792	375 320	26 644	2 948	471	2 474
Beef cattle, except feedlots (0212)	74	6 507	1 465	321 440	11 038	705	39	663
Hogs (0213)	197	14 643	8 140	106 702	16 138	5 890	660	4 532
Sheep and goats (0214)	3	35	29	—	—	5	—	5
General livestock, except dairy, poultry, and animal specialties (0219)	32	2 759	1 209	160 926	13 182	397	66	326
Dairy (024)	163	46 300	30 825	359 129	51 251	13 447	2 040	11 385
Poultry and eggs (025)	1 053	119 200	82 696	181 598	39 763	206 689	14 509	2 450
Broiler, fryer, and roaster chickens (0251)	973	102 237	73 556	179 304	36 403	179 044	12 833	2 247
Chicken eggs (0252)	66	4 334	2 410	152 188	31 163	5 884	622	163 964
Turkey and turkey eggs (0253)	3	1 365	225	425 000	97 387	3 522	29	5 155
Poultry hatcheries (0254)	5	10 822	6 300	1 168 799	826 638	17 374	1 013	3 486
Poultry and eggs, n.e.c. ² (0259)	6	442	205	31 429	11 429	865	12	16 361
Animal specialties (027)	92	3 466	870	111 095	14 109	1 443	62	1 381
Fur-bearing animals and rabbits (0271)	—	—	—	—	—	—	—	—
Horses and other equines (0272)	86	3 310	840	112 839	14 337	1 432	62	1 370
Animal specialties, n.e.c. ² (0279)	6	156	30	30 000	3 500	10	—	10
General farms, primarily livestock (029)	35	14 192	8 700	1 028 277	160 288	4 344	1 200	1 809
								1 335

¹1978 data are based on a sample of farms; see text.

²Not 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

Estimated market value of all machinery and equipment

forms \$1,000

Average per farm dollars

By value group:

	1978		1974	
	Forms	Value (\$1,000)	Forms	Value (\$1,000)
3 to \$99	3 632	(X)	3 158	(X)
\$1,000 to \$4,999	(X)	143 141	(X)	86 213
\$5,000 to \$9,999	(X)	39 411	(X)	27 300
\$10,000 to \$19,999	15	6	16	8
\$20,000 to \$29,999	338	1 041	486	1 474
\$30,000 to \$49,999	773	5 230	560	3 996
\$50,000 to \$69,999	821	10 522	616	8 376
\$70,000 or more	411	9 452	402	9 546
\$70,000 to \$99,999	427	15 232	658	23 492
\$100,000 to \$199,999	259	14 547	173	9 760
\$200,000 to \$499,999	588	87 110	247	29 562
\$500,000 or more	198	15 972	(NA)	(NA)
	282	35 360	(NA)	(NA)
	96	23 260	(NA)	(NA)
	12	12 517	(NA)	(NA)

	1978				1974			
	Total		Manufactured 1974 to 1978		Manufactured prior to 1974		Number manufactured 1970 to 1974	
	Forms	Number	Forms	Number	Forms	Number		
Selected machinery and equipment:								
Automobiles	2 591	3 848	1 496	1 869	1 457	1 979	2 618	3 833
2 or 3	886	1 952	287	632	373	820	933	1 989
4 or more	49	240	7	35	18	93	43	202
Motortrucks, including pickups	3 021	6 485	1 512	2 148	2 347	4 337	2 733	5 697
2 or 3	1 156	2 732	313	684	789	1 813	1 183	2 638
4 or more	358	2 246	51	316	210	1 176	300	1 809
Wheel tractors	3 219	8 720	1 015	1 593	2 971	7 127	2 860	7 485
2 or 3	1 480	3 524	250	562	1 413	3 296	(NA)	(NA)
4 or more	748	4 205	64	330	534	2 807	(NA)	(NA)
Grain and bean combines, self-propelled only	1 156	1 351	374	429	813	922	1 003	1 127
Cornpickers, corn heads, and picker-shellers	1 175	1 501	341	391	895	1 110	1 081	1 317
Corn heads for combines	925	1 035	319	354	623	681	621	681
Other cornpickers and picker-shellers	438	466	32	37	406	429	589	636
Cottonpickers	—	—	—	—	—	—	(NA)	(NA)
Mower conditioners	555	603	205	218	359	395	498	525
Pickup balers	582	618	161	162	435	456	617	628
Field forage harvesters, shear bar or flywheel type	240	282	63	70	191	212	326	422

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	1974
Agricultural chemicals, including commercial fertilizer and lime			
forms \$1,000	2 885	2 519	2 183
Commercial fertilizer	21 166	20 992	19 386
farms	2 585	2 260	2 042
acres on which used	413 181	408 962	390 091
\$1,000	14 246	14 127	14 393
Lime	1 194	1 090	807
farms	108 755	107 568	92 993
acres on which used	114 292	112 818	99 245
Farms by tons used:			
1 to 49 tons	614	510	349
50 to 99 tons	307	307	179
100 to 199 tons	132	132	137
200 to 499 tons	112	112	105
500 to 999 tons	14	14	28
1,000 tons or more	15	15	9
Sprays, dusts, granules, fumigants, etc. to control:			
Insects on hay and other crops	1 146	1 032	(NA)
farms	187 234	186 551	120 914
Nematodes in crops	123	116	18
farms	16 935	16 918	1 778
Diseases in crops and orchards	127	115	51
farms	15 781	15 753	9 173
Weeds, grass, or brush in crops and pasture	2 017	1 820	(NA)
farms	361 136	357 730	261 184
Chemicals for:			
Defoliation or for growth control of crops or thinning			
of fruit	84	79	15
farms	3 601	3 552	1 391
Insect control on livestock and poultry	513	469	77
farms	564	506	(NA)
Sanitation and rodent and bird control			
farms			

Table 16. Irrigation: 1978, 1974, and 1969

	All farms			Farms with sales of \$2,500 or more		
	1978	1974	1969	1978	1974	1969
Farms irrigated in census year -----	farms 255	154	164	238	142	154
Proportion of farms percent 7.0		4.5	4.4	7.5	4.8	5.4
Irrigated land acres 33 725		19 879	20 421	33 631	19 797	20 385
Average per farm acres 132		129	1245	141	139	1323
Irrigated farms by acres irrigated:						
1 to 9 acres -----	farms 76	41	24	61	31	15
acres 211		(NA)	(NA)	(D)	97	63
10 to 49 acres -----	farms 48	29	30	46	27	29
acres 1 262		(NA)	(NA)	(D)	715	673
50 to 99 acres -----	farms 40	23	31	40	23	31
acres 2 860		(NA)	(NA)	2 860	1 551	1 983
100 to 199 acres -----	farms 35	29	50	35	29	50
acres 5 000		(NA)	(NA)	5 000	4 146	6 880
200 to 499 acres -----	farms 45	24	24	45	24	24
acres 14 082		(NA)	(NA)	14 082	6 550	7 501
500 to 999 acres -----	farms 7	6	5	7	6	5
acres 4 220		(NA)	(NA)	4 220	(D)	3 285
1,000 acres or more -----	farms 4	2	-	4	2	-
acres 6 090		(NA)	(NA)	6 090	(D)	-
Irrigated land use:						
Harvested cropland -----	farms 252	(NA)	(NA)	238	138	154
acres 33 429		(NA)	(NA)	33 359	19 571	20 031
Pastureland -----	farms 9	(NA)	(NA)	7	(NA)	(NA)
acres 196		(NA)	(NA)	(D)	47	6
Other land -----	farms 6	(NA)	(NA)	5	4	4
acres 100		(NA)	(NA)	(D)	179	348
Land in irrigated farms -----	acres 138 440	75 642	81 916	137 343	74 705	80 682
Cropland -----	acres 111 036	(NA)	(NA)	110 507	63 136	68 018
Harvested cropland -----	acres 106 632	61 399	60 438	106 206	60 989	59 931

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

	Irrigated farms			Nonirrigated farms
	All forms	Any irrigated land	All harvested cropland irrigated	
Farms -----	number 3 632	255	56	3 377
Land in farms -----	acres 679 045	138 440	5 633	540 605
Value of land and buildings: ¹				
Average per farm dollars 270 381		778 547	274 707	232 989
Average per acre dollars 1 500		1 428	3 003	1 519
Irrigated land -----	acres 33 725	33 725	4 580	(X)
Land in farms according to use:				
Total cropland -----	farms 3 114	255	56	2 859
Harvested cropland -----	acres 536 077	111 036	4 668	425 041
Total pastureland, excluding woodland pastured -----	acres 2 944	254	56	2 690
Nonirrigated farms	acres 500 417	106 632	4 568	393 785
Inventory of livestock:				
Cattle and calves -----	farms 717	38	1	679
Milk cows -----	number 29 325	3 902	(D)	25 423
Hogs and pigs -----	number 318	7	-	311
Sheep and lambs -----	number 10 985	408	-	10 577
Estimated market value of all machinery and equipment ¹	farms \$3 632	249	60	3 383
Average per farm -----	\$1,000 143 141	27 590	4 132	115 551
Market value of agricultural products sold -----	dollars 39 411	110 802	68 860	34 156
Average per farm -----	\$1,000 89 759	77 740	8 780	248 264
Crops, including nursery and greenhouse products -----	farms 2 736	304 861	156 785	73 516
Livestock and livestock products -----	farms 103 396	251	56	2 485
Poultry and poultry products -----	farms 1 186	39 881	7 901	63 515
Selected farm production expenses: ¹				
Feed for livestock and poultry -----	farms \$1,000 121 055	17 908	10	1 965
Seed, bulbs, plants, and trees -----	\$1,000 2 407	229	480	103 147
Commercial fertilizer -----	\$1,000 5 625	2 379	51	2 178
Other agricultural chemicals, including lime -----	\$1,000 2 585	222	305	3 246
Energy and petroleum products -----	\$1,000 14 246	4 320	46	2 363
Hired farm labor -----	\$1,000 2 632	238	256	9 926
Contract labor -----	\$1,000 6 920	2 213	52	2 394
Hired farm labor -----	\$1,000 3 613	249	212	4 706
Contract labor -----	\$1,000 10 621	2 866	60	3 364
Hired farm labor -----	\$1,000 1 648	185	453	7 755
Contract labor -----	\$1,000 15 194	7 852	49	1 463
Hired farm labor -----	\$1,000 268	74	21	7 342
Contract labor -----	\$1,000 1 501	1 244	147	194
Hired farm labor -----	\$1,000 1 887			257

¹1978 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			
	Forms	Number	Value (\$1,000)	Forms	Number	Value (\$1,000)	
Value of livestock and poultry ¹	1978	2 103	(X)	40 345	2 077	(X)	222 607
	1974	1 832	(X)	24 248	1 904	(X)	156 816
	1969	(NA)	(X)	19 038	2 166	(X)	91 792
Value of poultry	1978	1 217	(X)	20 431	1 205	(X)	194 391
Value of livestock	1978	1 428	(X)	19 914	1 186	(X)	28 216
Cattle and calves	1978	717	29 325	13 667	590	17 184	5 904
	1974	782	30 615	7 424	632	14 293	(NA)
	1969	842	27 381	6 146	716	13 224	(NA)
Cows and heifers that had calved	1978	572	15 167	8 939	(NA)	(NA)	(NA)
	1974	607	15 417	5 038	(NA)	(NA)	(NA)
	1969	652	15 035	4 264	(NA)	(NA)	(NA)
Beef cows	1978	312	4 182	1 798	(NA)	(NA)	(NA)
	1974	339	4 711	1 131	(NA)	(NA)	(NA)
	1969	(NA)	3 078	677	(NA)	(NA)	(NA)
Milk cows	1978	318	10 985	7 140	(NA)	(NA)	(NA)
	1974	341	10 706	3 908	(NA)	(NA)	(NA)
	1969	479	11 957	3 587	(NA)	(NA)	(NA)
Hogs and pigs	1978	672	63 465	5 172	655	104 024	8 613
	1974	534	42 955	1 909	534	82 422	(NA)
	1969	784	47 669	1 713	735	81 272	(NA)
Feeder pigs sold	1978	(X)	(X)	(X)	280	34 109	1 412
	1974	(X)	(X)	(X)	198	18 879	(NA)
Sheep and lambs ²	1978	33	590	33	24	461	24
	1974	42	1 443	55	36	901	(NA)
	1969	56	2 057	40	46	1 590	(NA)
Horses and ponies	1978	548	3 471	1 041	163	476	1 652
	1974	379	2 438	731	84	363	(NA)
	1969	573	2 687	699	109	342	(NA)
Chickens 3 months old or older	1978	361	729 789	1 493	103	904 996	(NA)
	1974	315	701 871	1 405	118	789 391	(NA)
	1969	421	680 278	979	149	623 802	(NA)
Hens and pullets of laying age	1978	342	570 942	1 199	88	530 014	(NA)
	1974	295	476 998	978	103	489 572	(NA)
	1969	396	542 128	840	131	431 957	(NA)
Broilers and other meat-type chickens	1978	884	30 541 267	18 936	1 042	148 372 686	(NA)
	1974	770	25 447 801	12 724	1 021	124 447 551	(NA)
	1969	886	24 896 713	9 461	1 072	112 850 951	(NA)
Turkeys	1978	23	432	2	11	(D)	(NA)

¹Value of major poultry and livestock inventory items.

²Value of sales includes sheep, lambs, and wool sold.

Table 19. Poultry—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	Forms	Number	
Any poultry	1978	1 217	(X)	1 133	(X)	1 167	(X)	1 146	(X)
	1974	1 070	(X)	990	(X)	1 146	(X)	1 119	(X)
Chickens 3 months old or older	1978	361	729 789	288	727 376	103	904 996	95	904 597
	1974	315	701 871	235	696 991	118	789 391	96	787 987
Forms with—									
1 to 1,599	1978	319	(D)	246	(D)	52	6 930	44	6 531
1,600 to 3,199	1978	2	(D)	2	(D)	6	14 970	6	14 970
3,200 to 9,999	1978	28	163 230	28	163 230	30	170 806	30	170 806
10,000 or more	1978	12	544 448	12	544 448	15	712 290	15	712 290
Hens and pullets of laying age	1978	342	570 942	276	568 853	88	530 014	80	529 615
	1974	295	476 998	223	472 962	103	489 572	84	488 383
Farms with—									
1 to 99	1978	253	5 968	194	4 909	29	975	22	786
100 to 399	1978	49	7 380	42	6 350	16	2 683	15	(D)
400 to 1,599	1978	4	2 300	4	2 300	4	3 240	4	3 240
1,600 to 3,199	1978	2	(D)	2	(D)	5	11 970	5	11 970
3,200 to 9,999	1978	26	156 100	26	156 100	29	166 606	29	166 606
10,000 to 19,999	1978	4	44 214	4	44 214	1	(D)	1	(D)
20,000 to 49,999	1978	2	(D)	2	(D)	3	103 700	3	103 700
50,000 to 99,999	1978	1	(D)	1	(D)	—	—	—	—
100,000 or more	1978	1	(D)	1	(D)	1	(D)	1	(D)
Broilers and other meat-type chickens	1978	884	30 541 267	866	30 519 111	1 042	148 372 686	1 033	148 324 464
	1974	770	25 447 801	756	25 446 940	1 021	124 447 551	1 014	124 372 990
Turkeys	1978	23	432	10	374	11	(D)	10	(D)
For slaughter	1978	(NA)	(NA)	10	716	(NA)	(NA)	12	319 584
	1974	(NA)	(NA)	10	(D)	11	(D)	10	(D)
Hens kept for breeding	1978	5	54	1	(D)	(NA)	(NA)	12	319 584
Ducks, geese, and other poultry	1978	127	(X)	85	(X)	29	(X)	23	(X)
	1974	(NA)	(X)	32	(X)	(NA)	(X)	18	(X)

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

Selected poultry inventory, 1978—All farms										
Chickens 3 months old or older										
Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age		Pullet chicks and pullets under 3 months old		Broilers and other meat-type chickens		
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
Farms with chickens 3 months old or older, inventory										
1 to 99	361	729 789	342	570 942	61	158 847	18	71 065	76	675 891
100 to 399	263	6 744	250	5 861	41	883	15	615	61	635 666
400 to 1,599	52	8 167	52	7 487	10	680	2	(D)	13	1 705
1,600 to 3,199	4	2 300	4	2 300	—	—	—	—	—	—
3,200 to 9,999	2	(D)	2	(D)	—	—	—	—	—	—
10,000 to 19,999	28	163 230	24	142 700	4	20 530	—	—	—	—
20,000 to 49,999	7	83 014	6	57 614	3	25 400	—	—	—	—
50,000 to 99,999	3	113 000	2	(D)	2	(D)	—	—	1	(D)
100,000 or more	1	(D)	1	(D)	—	—	—	—	1	(D)
None	(X)	(X)	(X)	(X)	(X)	(X)	15	239 112	808	29 865 376
Selected poultry sales, 1978—All farms										
Chickens 3 months old or older								Broilers and other meat-type chickens		
Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age		Broilers and other meat-type chickens		Value of poultry and poultry products		
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Value (\$1,000)	
Farms with chickens 3 months old or older, inventory										
1 to 99	(NA) 567 985	82	509 753	7	58 232	40	3 191 146	170	11 475	
100 to 399	(NA) 316	13	284	3	32	29	1 804 545	77	2 016	
400 to 1,599	(NA) 3 418	27	3 418	—	—	7	1 406	47	68	
1,600 to 3,199	(NA) 1 135	4	1 135	—	—	—	—	4	28	
3,200 to 9,999	(NA) (D)	2	(D)	—	—	—	—	2	(D)	
10,000 to 19,999	(NA) 134 352	26	(D)	2	(D)	2	(D)	28	2 082	
20,000 to 49,999	(NA) 61 288	6	(D)	1	(D)	—	—	7	678	
50,000 to 99,999	(NA) 86 200	2	(D)	1	(D)	1	(D)	3	942	
100,000 or more	(NA) (D)	1	(D)	—	—	—	—	1	(D)	
None	(NA) 337 011	6	20 261	8	316 750	1 002	145 181 540	1 035	182 916	
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		
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
Specified poultry sold										
1 to 1,999	103	904 996	88	530 014	15	374 982	1 042	148 372 686	5	195 500
2,000 to 3,999	52	6 930	49	6 898	3	32	22	2 851	—	—
4,000 to 7,999	9	(D)	8	22 666	1	(D)	2	(D)	—	—
8,000 to 15,999	24	(D)	23	129 310	1	(D)	4	25 995	—	—
16,000 to 29,999	6	(D)	4	38 600	2	(D)	17	201 556	—	—
30,000 to 59,999	3	64 000	1	(D)	2	(D)	41	930 782	1	(D)
60,000 to 99,999	7	276 500	2	(D)	5	(D)	164	7 268 114	4	(D)
100,000 or more	—	—	—	—	—	—	195	14 986 132	—	—
2	(D)	1	(D)	1	(D)	597	124 952 056	—	—	
Selected poultry sales, 1978—All farms—Con.										
Turkeys			Turkeys for slaughter			Turkey hens kept for breeding				
Farms		Number		Farms		Farms		Number		
Specified poultry sold										
1 to 1,999	11	(D)	—	11	(D)	—	—	—	—	
2,000 to 3,999	7	226	7	226	—	—	—	—	—	
4,000 to 7,999	—	—	—	—	—	—	—	—	—	
8,000 to 15,999	2	(D)	2	(D)	—	—	—	—	—	
16,000 to 29,999	—	—	—	—	—	—	—	—	—	
30,000 to 59,999	—	—	—	—	—	—	—	—	—	
60,000 to 99,999	1	(D)	1	(D)	—	—	—	—	—	
100,000 or more	1	(D)	1	(D)	—	—	—	—	—	

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			
	Farms	Number	Farms	Number	Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)
Any livestock	1 428	(X)	1 183	(X)	1 186	(X)	28 216	1 015	(X)	27 858
1978			1 007	(X)	1 051	(X)	18 395	894	(X)	18 156
1974	(NA)	(X)								
Any cattle, hogs, or sheep	1 114	(X)	954	(X)	1 048	(X)	14 541	915	(X)	14 353
1978			908	(X)	983	(X)	(NA)	859	(X)	8 613
1974	1 053	(X)								
Cattle and calves	717	29 325	610	28 458	590	17 184	5 904	533	16 857	5 829
1978			660	29 445	632	14 293	(NA)	555	13 886	3 311
1974	782	30 615								
Farms with—										
1 to 9	294	1 115	210	845	268	1 087	312	219	921	268
10 to 19	114	1 526	100	1 361	116	1 560	365	109	1 486	355
20 to 49	133	4 035	126	3 869	150	4 563	1 145	150	4 563	1 145
50 to 99	84	5 788	83	(D)	39	(D)	(D)	38	(D)	(D)
100 to 199	67	(D)	66	(D)	8	1 008	301	8	1 008	301
200 to 499	24	6 384	24	6 384	5	1 404	354	5	1 404	354
500 to 999	—	—	—	—	3	1 893	873	3	1 893	873
1,000 to 2,499	1	(D)	1	(D)	—	—	—	—	—	—
2,500 or more	—	—	—	—	1	(D)	(D)	1	(D)	(D)
Cows and heifers that had calved	572	15 167	498	14 805	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1978			517	14 859	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1974	607	15 417								
Beef cows	312	4 182	265	3 958	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1974			4 711	267	4 319	(NA)	(NA)	(NA)	(NA)	(NA)
Milk cows	339	10 985	284	10 847	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1978			341	10 706	305	10 540	(NA)	(NA)	(NA)	(NA)
Heifers and heifer calves	318	9 186	416	8 887	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1978			(NA)	415	8 842	(NA)	(NA)	(NA)	(NA)	(NA)
Steers, steer calves, bulls, and bull calves	458	4 972	429	4 766	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1978			(NA)	464	5 744	(NA)	(NA)	(NA)	(NA)	(NA)
1974	(NA)	(NA)								
Cattle fattened on grain and concentrates sold	(X)	(X)	(X)	(X)	135	5 593	3 124	119	5 555	3 108
1978			(X)	(X)	(NA)	(NA)	(NA)	101	4 304	1 757
1974	(X)	(X)	(X)	(X)						
Farms with fattened cattle sold:										
1 to 9	(X)	(X)	(X)	(X)	93	295	129	77	257	113
10 to 19	(X)	(X)	(X)	(X)	21	275	119	21	275	119
20 to 49	(X)	(X)	(X)	(X)	14	382	161	14	382	161
50 to 99	(X)	(X)	(X)	(X)	2	(D)	(D)	2	(D)	(D)
100 to 199	(X)	(X)	(X)	(X)	1	(D)	(D)	1	(D)	(D)
200 to 499	(X)	(X)	(X)	(X)	1	(D)	(D)	1	(D)	(D)
500 to 999	(X)	(X)	(X)	(X)	2	(D)	(D)	2	(D)	(D)
1,000 to 2,499	(X)	(X)	(X)	(X)	—	—	—	—	—	—
2,500 or more	(X)	(X)	(X)	(X)	1	(D)	(D)	1	(D)	(D)
Cows and heifers that had calved	572	15 167	498	14 805	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1978			517	14 859	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1974	607	15 417								
Beef cows	312	4 182	265	3 958	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Farms with—										
1 to 9	209	683	168	544	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
10 to 19	53	674	48	613	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20 to 49	35	(D)	34	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
50 to 99	9	632	9	632	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
100 to 199	4	479	4	479	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 to 499	2	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500 to 999	—	—	—	—	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1,000 or more	—	—	—	—	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Milk cows	318	10 985	284	10 847	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Farms with—										
1 or 2	87	114	55	70	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3 or 4	16	53	16	53	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
5 to 9	18	126	17	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
10 to 19	41	559	41	559	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20 to 49	65	2 050	65	2 050	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
50 to 99	61	4 052	60	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
100 to 499	30	4 031	30	4 031	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500 or more	—	—	—	—	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cattle sold	(X)	(X)	(X)	(X)	471	9 912	4 975	435	9 763	4 920
Farms with—										
1 to 9	(X)	(X)	(X)	(X)	293	1 075	433	258	973	396
10 to 19	(X)	(X)	(X)	(X)	76	1 052	421	76	1 052	421
20 to 49	(X)	(X)	(X)	(X)	86	2 298	1 002	85	(D)	(D)
50 to 99	(X)	(X)	(X)	(X)	7	441	214	7	441	214
100 to 199	(X)	(X)	(X)	(X)	5	646	305	5	646	305
200 to 499	(X)	(X)	(X)	(X)	1	(D)	(D)	1	(D)	(D)
500 to 999	(X)	(X)	(X)	(X)	2	(D)	(D)	2	(D)	(D)
1,000 or more	(X)	(X)	(X)	(X)	1	(D)	(D)	1	(D)	(D)
Calves sold	(X)	(X)	(X)	(X)	397	7 272	929	363	7 094	909
Farms with—										
1 or 2	(X)	(X)	(X)	(X)	73	102	15	58	80	11
3 or 4	(X)	(X)	(X)	(X)	44	150	26	38	129	22
5 to 9	(X)	(X)	(X)	(X)	79	525	58	72	483	52
10 to 19	(X)	(X)	(X)	(X)	96	1 244	126	91	1 191	121
20 to 49	(X)	(X)	(X)	(X)	84	(D)	(D)	83	(D)	(D)
50 to 99	(X)	(X)	(X)	(X)	17	1 090	155	17	1 090	155
100 to 499	(X)	(X)	(X)	(X)	3	962	120	3	962	120
500 or more	(X)	(X)	(X)	(X)	1	(D)	(D)	1	(D)	(D)

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					
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Farms with milk cow inventory									
1 to 4 milk cows	318	18 818	318	11 381	318	10 985	249	6 382	206
5 to 9 milk cows	103	780	103	297	103	167	50	297	62
10 to 19 milk cows	18	396	18	190	18	126	16	115	14
20 to 29 milk cows	41	1 003	41	570	41	559	37	291	33
30 to 49 milk cows	26	913	26	593	26	585	23	246	21
50 to 99 milk cows	39	2 516	39	1 577	39	1 465	34	813	24
100 to 199 milk cows	61	6 521	61	4 114	61	4 052	59	2 257	33
200 to 499 milk cows	28	(D)	28	(D)	28	(D)	28	(D)	18
500 milk cows or more	2	(D)	2	(D)	2	(D)	2	(D)	(D)
No milk cows	—	—	—	—	—	—	—	—	—
	399	10 507	254	3 786	(X)	(X)	209	2 804	291
									3 917
Sales, 1978—All farms									
Cattle and calves			Cattle		Calves		Dairy products		
Farms	Number	Sales (\$1,000)	Farms	Number	Farms	Number	Farms	Number	Sales (\$1,000)
Farms with milk cow inventory									
1 to 4 milk cows	279	6 892	210	2 675	241	4 217	216	11 852	
5 to 9 milk cows	64	465	35	276	48	189	12	46	
10 to 19 milk cows	18	295	13	154	14	141	7	25	
20 to 29 milk cows	41	478	34	159	38	319	41	488	
30 to 49 milk cows	26	388	19	122	23	266	26	483	
50 to 99 milk cows	39	1 172	31	475	35	697	39	1 526	
100 to 199 milk cows	61	2 262	52	886	56	1 376	61	4 475	
200 to 499 milk cows	28	(D)	24	(D)	26	(D)	28	(D)	
500 milk cows or more	2	(D)	2	(D)	1	(D)	2	(D)	
No milk cows	—	—	—	—	—	—	—	—	—
	311	10 292	4 452	261	7 237	156	3 055	6	146
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	
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Sales (\$1,000)
Farms with cattle and calves inventory									
1 to 9 cattle and calves	717	29 325	572	15 167	458	9 186	497	4 972	15 654
10 to 19 cattle and calves	294	1 115	199	475	106	236	167	404	729
20 to 49 cattle and calves	114	1 526	93	712	82	392	95	422	843
50 to 99 cattle and calves	133	4 035	113	2 045	107	1 135	113	855	133
100 to 199 cattle and calves	84	5 788	80	3 312	77	1 776	63	700	83
200 to 499 cattle and calves	67	(D)	64	(D)	63	(D)	39	(D)	67
500 to 999 cattle and calves	24	6 384	22	3 217	22	2 091	19	1 076	24
1,000 to 2,499 cattle and calves	—	—	—	—	—	—	—	—	—
2,500 cattle and calves or more	1	(D)	1	(D)	1	(D)	1	(D)	(D)
No cattle and calves	(X)	(X)	(X)	(X)	(X)	(X)	(X)	30	1 530
									400
Farms with cows and heifers that had calved inventory									
1 to 4 cows	572	26 833	572	15 167	382	8 177	376	3 489	427
5 to 9 cows	208	1 275	208	441	88	541	110	293	110
10 to 19 cows	70	941	70	462	43	243	51	236	68
20 to 29 cows	89	2 213	89	1 165	68	506	73	542	89
30 to 49 cows	47	1 907	47	1 082	39	498	40	327	47
50 to 99 cows	48	2 955	48	1 795	42	909	34	251	48
100 to 199 cows	73	7 677	73	4 891	67	2 431	42	355	73
200 to 499 cows	33	6 873	33	4 141	31	2 154	23	578	33
500 to 999 cows	4	2 992	4	1 190	4	895	3	907	4
1,000 cows or more	—	—	—	—	—	—	—	—	—
No cows	145	2 492	(X)	(X)	76	1 009	121	1 483	118
									4 731
									1 819
Farms with beef cow inventory									
1 to 4 beef cows	312	10 475	312	5 247	174	2 621	218	2 607	242
5 to 9 beef cows	155	1 912	155	954	73	740	92	218	87
10 to 19 beef cows	54	909	54	473	28	277	38	159	52
20 to 29 beef cows	53	1 492	53	774	35	290	44	428	53
30 to 49 beef cows	19	1 091	19	535	15	308	17	248	19
50 to 99 beef cows	16	1 101	16	700	13	236	13	165	16
100 to 199 beef cows	9	990	9	632	6	159	8	199	9
200 to 499 beef cows	4	(D)	4	(D)	2	(D)	4	(D)	4
500 to 999 beef cows	2	(D)	2	(D)	2	(D)	2	(D)	(D)
1,000 beef cows or more	—	—	—	—	—	—	—	—	—
No beef cows	405	18 850	260	9 920	284	6 565	279	2 365	348
									10 722
									3 037

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												
1 to 4 cattle and calves	590	17 184	5 904	471	9 912	4 975	135	5 593	3 124	397	7 272	929
5 to 9 cattle and calves	164	387	125	119	252	103	47	95	45	78	135	23
10 to 19 cattle and calves	104	700	187	77	363	144	26	124	49	67	337	43
20 to 49 cattle and calves	116	1 560	365	94	692	271	23	167	78	92	868	94
50 to 99 cattle and calves	150	4 563	1 145	129	2 234	942	25	454	194	115	2 329	204
100 to 199 cattle and calves	39	2 669	754	38	1 157	528	9	246	108	34	1 512	226
200 to 499 cattle and calves	8	1 008	301	8	622	276	1	(D)	(D)	6	386	25
500 cattle and calves or more	5	1 404	354	3	(D)	(D)	1	(D)	(D)	4	(D)	(D)
500 to 999 cattle and calves	4	4 893	2 673	3	(D)	(D)	3	(D)	(D)	1	(D)	(D)
1,000 cattle and calves or more	3	(D)	(D)	2	(D)	(D)	2	(D)	(D)	—	(D)	(D)
No cattle and calves	1	(D)	(D)	1	(D)	(D)	1	(D)	(D)	—	—	—
Farms with beef cow inventory	242	6 462	2 867	193	4 934	2 615	71	3 568	2 065	146	1 528	253
1 to 4 beef cows	87	805	239	66	422	183	25	105	51	62	383	57
5 to 9 beef cows	52	469	145	38	295	126	15	77	37	29	174	19
10 to 19 beef cows	53	754	249	45	359	162	15	155	70	28	395	86
20 to 29 beef cows	19	394	146	17	280	134	8	115	55	8	114	12
30 to 49 beef cows	16	421	119	13	210	79	3	20	8	12	211	39
50 to 99 beef cows	9	348	91	9	137	58	3	(D)	(D)	6	(D)	(D)
100 to 199 beef cows	4	(D)	(D)	3	(D)	(D)	—	—	—	1	(D)	(D)
200 to 499 beef cows	2	(D)	(D)	2	(D)	(D)	2	(D)	(D)	—	—	—
500 to 999 beef cows	—	—	—	—	—	—	—	—	—	—	—	—
1,000 beef cows or more	—	—	—	—	—	—	—	—	—	—	—	—
No beef cows	348	10 722	3 037	278	4 978	2 360	64	2 025	1 059	251	5 744	677

Table 21. Hogs and Pigs—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					
	Farms	Number	Farms	Number	Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)		
Total hogs and pigs	1978	672	63 465	572	61 155	655	104 024	8 613	564	101 693	8 505	
	1974	534	42 955	457	42 076	534	82 422	(NA)	471	81 213	5 274	
Farms with—												
1 to 24	1978	361	3 522	278	2 701	223	2 523	179	148	1 661	133	
	1974	311	2 484	245	2 025	185	2 031	(NA)	143	1 680	99	
25 to 49	1978	119	4 253	104	3 799	123	4 391	311	116	4 134	301	
	1974	78	2 688	69	(D)	98	3 371	(NA)	83	2 894	171	
50 to 99	1978	89	6 155	89	6 155	116	8 129	534	109	7 754	523	
	1974	64	4 204	62	(D)	101	6 790	(NA)	95	6 409	313	
100 to 199	1978	37	4 643	37	4 643	100	12 472	866	99	(D)	(D)	
	1974	36	4 663	36	4 663	62	8 393	(NA)	62	8 393	439	
200 to 499	1978	38	12 096	37	(D)	45	13 137	1 032	45	13 137	1 032	
	1974	21	5 524	21	5 524	50	14 063	(NA)	50	14 063	767	
500 or more	1978	28	32 796	27	(D)	48	63 372	5 691	47	(D)	(D)	
	1974	24	23 392	24	23 392	38	47 774	(NA)	38	47 774	3 485	
500 to 999	1978	17	11 076	16	(D)	28	20 340	1 722	27	(D)	(D)	
1,000 to 1,999	1978	8	10 570	8	10 570	10	13 503	1 213	10	13 503	1 213	
2,000 to 4,999	1978	2	(D)	2	(D)	10	29 529	2 756	10	29 529	2 756	
5,000 or more	1978	1	(D)	1	(D)	—	—	—	—	—	—	
Hogs and pigs used or to be used for breeding	1978	509	10 863	432	10 438	(X)	(X)	(X)	(X)	(X)	(X)	
	1974	(NA)	(NA)	311	6 736	(X)	(X)	(X)	(X)	(X)	(X)	
Other hogs and pigs	1978	576	52 602	498	50 717	(X)	(X)	(X)	(X)	(X)	(X)	
	1974	(NA)	(NA)	388	35 340	(X)	(X)	(X)	(X)	(X)	(X)	
Feeder pigs sold	1978	(X)	(X)	(X)	(X)	280	34 109	1 412	248	32 865	1 363	
	1974	(X)	(X)	(X)	(X)	198	18 879	(NA)	172	18 227	410	
Litters of pigs farrowed between—												
Dec. 1 of preceding year and Nov. 30	1978	525	13 244	447	12 844	(X)	(X)	(X)	(X)	(X)	(X)	
	1974	385	9 448	341	9 257	(X)	(X)	(X)	(X)	(X)	(X)	
Dec. 1 of preceding year and May 31	1978	457	6 063	399	5 859	(X)	(X)	(X)	(X)	(X)	(X)	
	1974	322	4 507	289	4 412	(X)	(X)	(X)	(X)	(X)	(X)	
June 1 and Nov. 30	1978	462	7 181	403	6 985	(X)	(X)	(X)	(X)	(X)	(X)	
	1974	320	4 941	285	4 845	(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 to 9 hogs and pigs	672	63 465	509	10 863	576	52 602	605	101 770	8 444	272	33 313
10 to 24 hogs and pigs	189	789	113	410	121	379	122	3 721	207	58	2 247
25 to 99 hogs and pigs	172	2 733	139	990	148	1 743	172	7 475	536	69	2 719
100 to 199 hogs and pigs	208	10 408	175	1 813	204	8 595	208	16 516	1 091	106	8 668
200 to 499 hogs and pigs	37	4 643	28	617	37	4 026	37	7 135	545	14	1 811
500 to 999 hogs and pigs	38	12 096	31	2 280	38	9 816	38	20 382	1 557	16	7 654
1,000 hogs and pigs or more	17	11 076	13	1 516	17	9 560	17	19 672	1 661	6	7 504
No hogs and pigs	11	21 720	10	3 237	11	18 483	11	26 869	2 847	3	2 710
(X)	(X)	(X)	(X)	(X)	(X)	(X)	50	2 254	169	8	796
Farms with hogs and pigs sold	605	63 256	486	10 816	519	52 440	655	104 024	8 613	280	34 109
1 to 9 hogs and pigs	86	1 130	49	367	72	763	100	491	36	30	165
10 to 49 hogs and pigs	226	4 861	181	1 017	187	3 844	246	6 423	454	82	1 936
50 to 99 hogs and pigs	107	4 754	98	929	88	3 825	116	8 129	534	65	3 327
100 to 199 hogs and pigs	94	6 345	83	1 227	85	5 118	100	12 472	866	60	6 071
200 to 499 hogs and pigs	44	8 005	34	1 372	40	6 633	45	13 137	1 032	22	4 439
500 to 999 hogs and pigs	28	13 621	26	2 294	27	11 327	28	20 340	1 722	13	6 371
1,000 hogs and pigs or more	20	24 540	15	3 610	20	20 930	20	43 032	3 969	8	11 800
No hogs and pigs	67	209	23	47	57	162	(X)	(X)	(X)	(X)	(X)
Farms by litters farrowed	513	53 683	509	10 863	417	42 820	502	86 738	6 726	280	34 109
1 litter	43	406	41	110	29	296	31	291	17	18	123
2 to 4 litters	143	2 571	141	581	109	1 990	136	3 473	235	53	826
5 to 9 litters	108	2 958	108	793	88	2 165	110	5 224	352	61	2 307
10 to 19 litters	103	5 024	103	1 242	90	3 782	106	9 275	547	78	5 919
20 to 49 litters	63	5 060	63	1 325	49	3 735	66	11 532	782	42	5 493
50 to 99 litters	23	7 596	23	1 408	22	6 188	23	11 056	932	10	3 572
100 to 199 litters	17	9 154	17	1 644	17	7 510	17	14 518	1 093	11	6 459
200 litters or more	13	20 914	13	3 760	13	17 154	13	31 369	2 768	7	9 410
No litters	159	9 782	—	—	159	9 782	153	17 286	1 887	—	—
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	Farms	Number	Farms	Number	Farms	Number
Farms by litters farrowed	525	13 244		457		6 063		462		7 181	
1 litter	45	45		21		21		24		24	
2 to 4 litters	145	452		125		225		123		227	
5 to 9 litters	110	730		94		356		99		374	
10 to 19 litters	106	1 519		102		778		100		741	
20 to 49 litters	66	1 880		64		940		63		940	
50 to 99 litters	23	1 624		22		762		23		862	
100 to 199 litters	17	2 274		17		1 128		17		1 146	
200 litters or more	13	4 720		12		1 853		13		2 867	

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	33		42		29		32
number	590		1 443		526		1 225
Ewes 1 year old or older	27		(NA)		23		28
farms	412		(NA)		359		651
number	24		36		20		28
Sheep and lambs sold							
farms	461		901		400		795
number	22		(NA)		18		22
Sheep and lambs shorn							
farms	460		(NA)		404		583
number	3 362		(NA)		2 879		4 701
Value of sales from sheep, lambs, and wool							
farms	27		(NA)		23		29
\$1,000	24		(NA)		19		28
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	Pounds of wool	Farms (\$1,000)
Farms with sheep and lambs inventory							
1 to 24 sheep and lambs	33	590	27	412	23	456	22
25 to 99 sheep and lambs	22	127	16	79	12	(D)	23
100 to 299 sheep and lambs	11	463	11	333	11	396	15
300 to 999 sheep and lambs	—	—	—	—	—	—	4
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)	1	(D)	1
Farms with ewes 1 year old or older inventory							
1 to 24 ewes	27	571	27	412	19	444	22
25 to 99 ewes	20	250	20	143	12	191	23
100 to 199 ewes	7	321	7	269	7	253	15
200 to 499 ewes	—	—	—	—	—	—	11
500 to 999 ewes	—	—	—	—	—	—	—
1,000 to 2,499 ewes	—	—	—	—	—	—	—
2,500 to 4,999 ewes	—	—	—	—	—	—	—
5,000 ewes or more	—	—	—	—	—	—	—
No ewes	6	19	(X)	(X)	5	17	5

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

	Inventory				Sales			
	All farms, 1978	Farms with sales of \$2,500 or more		All farms, 1978	Farms with sales of \$2,500 or more		1978	1974
		1978	1974		1978	1974	1978	1974
Horses and ponies								
forms	548	426	280		163		131	64
number	3,471	2,587	2,012		476		409	290
\$1,000	(X)	(X)	(X)		1,652		1,615	748
Mules, burros, and donkeys								
forms	15	11	8		3		3	—
number	27	22	15		5		5	—
\$1,000	(X)	(X)	(X)		1		1	—
Mink and their pelts								
forms	—	—	—		—		—	—
number	—	—	—		—		—	—
\$1,000	(X)	(X)	(X)		—		—	—
Colonies of bees								
forms	51	31	6		1		1	—
number	601	349	31		(D)		(D)	—
\$1,000	(X)	(X)	(X)		(D)		(D)	—
Honey sold (pounds)								
farms	(X)	(X)	(X)		30		15	3
number	(X)	(X)	(X)		17	133	9,630	480
\$1,000	(X)	(X)	(X)		13		8	(Z)
Goats								
forms	24	19	14		11		10	7
number	111	87	67		40		(D)	31
\$1,000	(X)	(X)	(X)		1		(D)	1
Angora goats								
forms	1	1	—		—		—	—
number	(D)	(D)	—		—		—	—
\$1,000	(X)	(X)	(X)		—		—	—
Mohair sold (pounds)								
forms	(X)	(X)	(X)		1		1	—
number	(X)	(X)	(X)		(D)		(D)	—
\$1,000	(X)	(X)	(X)		(D)		(D)	—
Milk goats								
forms	8	6	7		5		4	4
number	23	(D)	45		23		(D)	25
\$1,000	(X)	(X)	(X)		1		(D)	1
Goats milk sold (gallons)								
farms	(X)	(X)	(X)		2		2	5
number	(X)	(X)	(X)		(D)		(D)	6,000
\$1,000	(X)	(X)	(X)		(D)		(D)	11
Other goats								
farms	16	13	7		6		6	3
number	81	65	22		17		17	6
\$1,000	(X)	(X)	(X)		(Z)		(Z)	(Z)
Rabbits and their pelts								
forms	16	11	3		6		5	1
number	567	525	75		1,380		(D)	(D)
\$1,000	(X)	(X)	(X)		5		(D)	(D)
Chinchillas and their pelts								
forms	—	—	—		—		—	—
number	—	—	—		—		—	—
\$1,000	(X)	(X)	(X)		—		—	—
Worms (see text)								
forms	5	3	(NA)		4		—	(NA)
number	122	(D)	(NA)		1,145		—	(NA)
\$1,000	(X)	(X)	(X)		2		—	(NA)
All other livestock								
farms	—	—	22		—		—	5
number	(X)	(X)	(X)		—		—	(Z)
Other livestock products								
farms	(X)	(X)	(X)		1		—	(NA)
\$1,000	(X)	(X)	(X)		(D)		—	(NA)

Table 24. Fish Sales: 1978

	Total		Any				Only pounds			Only number			Acres under water for fish production	
	Farms	Sales (\$1,000)	Forms	Pounds	Farms	Number	Forms	Pounds	Sales (\$1,000)	Farms	Number	Sales (\$1,000)	Farms	Acres
ALL FARMS														
Catfish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TROUT	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tropical and bait fish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other fish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other aquacultural products	—	—	—	(X)	—	(X)	—	(X)	(NA)	—	(X)	(NA)	—	—
FARMS WITH SALES OF \$2,500 OR MORE														
Catfish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TROUT	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tropical and bait fish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other fish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other aquacultural products	—	—	—	(X)	—	(X)	—	(X)	(NA)	—	(X)	(NA)	—	—

Table 25. Crops Harvested: 1978 and 1974

	All farms						Farms with sales of \$2,500 or more					
				Irrigated land		Farms	Acres	Quantity	Irrigated land		Farms	Acres
				Farms	Acres				Farms	Acres		
Corn for all purposes-----	1978..	1 698	167 902	(X)	80	(D)	1 591	166 846	(X)	78	(D)	
1974..	1 798	158 655	(X)	(NA)	(NA)		1 677	157 503	(X)	21	1 428	
For grain or seed (bushels)-----	1978..	1 671	157 834	15 100 658	80	12 211	1 569	156 876	15 029 165	78	(D)	
1974..	1 751	150 931	10 805 497	(NA)	(NA)		1 633	149 893	10 756 060	20	1 416	
For silage or green chop (tons, green)-----	1978..	224	10 021	144 776	1	(D)	219	9 932	143 175	1	(D)	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		233	7 256	98 437	1	(D)	
For fodder, hogged or grazed-----	1978..	7	47	(X)	—	—	4	38	(X)	—	—	
1974..	(NA)	(NA)	(X)	(NA)	(NA)		29	354	(X)	—	—	
Sorghums for all purposes-----	1978..	56	1 013	(X)	1	(D)	54	(D)	(X)	1	(D)	
1974..	44	714	(X)	(NA)	(NA)		39	691	(X)	—	—	
For grain or seed (bushels)-----	1978..	8	156	6 628	—	—	8	156	6 628	—	—	
1974..	1	(D)	(D)	(NA)	(NA)		1	(D)	(D)	—	—	
For silage or green chop (tons, green)-----	1978..	49	857	14 648	1	(D)	47	(D)	(D)	1	(D)	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		32	588	8 480	—	—	
Cut for dry forage or hay (tons, dry)-----	1978..	—	—	—	—	—	—	—	—	—	—	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		3	13	38	—	—	
Hogged or grazed-----	1978..	—	—	(X)	—	—	—	—	(X)	—	—	
1974..	(NA)	(NA)	(X)	(NA)	(NA)		5	50	(X)	—	—	
Wheat for grain (bushels)-----	1978..	385	16 423	576 890	2	(D)	378	16 375	575 483	2	(D)	
1974..	741	41 216	1 447 484	(NA)	(NA)		720	40 963	1 441 619	5	374	
Oats for grain (bushels)-----	1978..	128	1 613	62 593	—	—	110	1 478	58 341	—	—	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		81	1 091	53 234	—	—	
Barley for grain (bushels)-----	1978..	468	25 189	1 109 362	5	162	459	25 076	1 106 236	5	162	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		480	24 567	1 094 488	1	(D)	
Rye for grain (bushels)-----	1978..	42	658	16 580	—	—	40	(D)	(D)	—	—	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		198	2 737	70 897	—	—	
Other small grains for grain-----	1978..	4	50	(X)	1	(D)	3	(D)	(X)	1	(D)	
1974..	(NA)	(NA)	(X)	(NA)	(NA)		3	3	(X)	—	—	
Soybeans for beans (bushels)-----	1978..	2 199	264 053	7 546 419	31	2 116	2 029	262 181	7 502 475	30	(D)	
1974..	2 033	209 977	5 386 399	(NA)	(NA)		1 896	208 408	5 354 568	29	2 055	
Peanuts for nuts (pounds)-----	1978..	—	—	—	—	—	—	—	—	—	—	
1974..	—	—	—	(NA)	(NA)		—	—	—	—	—	
Cotton (bales)-----	1978..	—	—	—	—	—	—	—	—	—	—	
1974..	—	—	—	(NA)	(NA)		—	—	—	—	—	
Tobacco (pounds)-----	1978..	—	—	—	—	—	—	—	—	—	—	
1974..	—	—	—	(NA)	(NA)		—	—	—	—	—	
Irish potatoes (hundredweight)-----	1978..	56	6 103	1 269 668	27	4 477	54	(D)	(D)	27	4 477	
1974..	74	6 248	1 282 327	(NA)	(NA)		67	6 244	1 281 797	24	3 573	
Sweetpotatoes (bushels)-----	1978..	9	(D)	(D)	—	—	7	(D)	(D)	—	—	
1974..	18	48	17 613	(NA)	(NA)		13	44	17 095	—	—	
Hay crops (tons, dry) (see text)-----	1978..	737	21 845	47 035	7	75	617	20 179	44 276	7	75	
1974..	667	17 851	41 620	(NA)	(NA)		570	16 872	39 957	3	17	
Alfalfa hay (tons, dry)-----	1978..	358	6 980	20 174	5	55	312	6 477	19 217	5	55	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		243	5 332	16 211	3	17	
Other tame dry hay (tons, dry) (see text)-----	1978..	462	8 140	16 303	2	(D)	390	7 311	14 834	2	(D)	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		(NA)	9 096	18 453	(NA)	—	
Field seed crops-----	1978..	7	236	(X)	—	—	7	236	(X)	—	—	
1974..	(NA)	(NA)	(X)	(NA)	(NA)		38	676	(X)	—	—	
Alfalfa seed (pounds)-----	1978..	1	(D)	(D)	—	—	1	(D)	(D)	—	—	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		—	—	—	—	—	
Red clover seed (pounds)-----	1978..	7	232	33 870	—	—	7	232	33 870	—	—	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		32	587	57 148	—	—	
All vegetables harvested for sale (see text)-----	1978..	390	41 059	(X)	124	15 320	353	40 952	(X)	121	15 312	
1974..	340	33 721	(X)	(NA)	(NA)		303	33 633	(X)	90	12 283	
Sweet corn-----	1978..	136	4 329	(X)	47	2 793	119	4 293	(X)	46	(D)	
1974..	(NA)	(NA)	(X)	(NA)	(NA)		108	3 663	(X)	18	1 358	
Tomatoes-----	1978..	79	877	(X)	24	454	67	872	(X)	23	(D)	
1974..	(NA)	(NA)	(X)	(NA)	(NA)		57	1 031	(X)	19	627	
Green peas excluding cowpeas-----	1978..	74	9 586	(X)	41	4 615	72	(D)	(X)	41	4 615	
1974..	(NA)	(NA)	(X)	(NA)	(NA)		60	9 602	(X)	23	3 693	
Land in orchards-----	1978..	58	1 113	(X)	3	147	33	1 037	(X)	3	147	
1974..	48	1 218	(X)	(NA)	(NA)		31	1 154	(X)	5	275	
Apples (pounds)-----	1978..	34	760	14 617 301	(NA)	(NA)	20	748	14 583 171	(NA)	(NA)	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		17	788	13 894 233	(NA)	(NA)	
Peaches (pounds)-----	1978..	37	315	2 505 655	(NA)	(NA)	20	268	2 503 445	(NA)	(NA)	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		19	345	1 837 300	(NA)	(NA)	
Grapes (pounds) (see text)-----	1978..	30	29	86 368	(NA)	(NA)	14	19	80 072	(NA)	(NA)	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		6	17	56 000	(NA)	(NA)	
Berries-----	1978..	48	129	(X)	17	54	35	122	(X)	14	52	
1974..	39	83	(X)	(NA)	(NA)		33	80	(X)	5	18	
Strawberries (pounds)-----	1978..	46	94	290 788	17	50	33	87	275 080	14	48	
1974..	(NA)	(NA)	(NA)	(NA)	(NA)		30	48	205 535	5	17	
Nursery and greenhouse products-----	1978..	112	1 932	(X)	58	560	97	1 913	(X)	51	552	
Other crops-----	1978..	1	(D)	(X)	(NA)	(NA)	—	—	(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	Farms	Acres	Average yield per acre		
Corn for grain or seed (bushels)	19	2 601	123.1	61	9 610	12 431	101.3	1 591	133 192	94.2
Corn for silage or green chop (tons, green)	1	(D)	(D)	—	—	—	—	223	(D)	(D)
Sorghums for grain or seed (bushels)	—	—	—	—	—	—	—	8	156	42.5
Wheat for grain (bushels)	2	(D)	(D)	—	—	—	—	383	(D)	(D)
Oats for grain (bushels)	—	—	—	—	—	—	—	128	1 613	38.8
Barley for grain (bushels)	5	162	54.8	—	—	—	—	463	25 027	44.0
Rice (100-lb bags)	7	410	34.2	24	1 706	4 686	30.4	2 168	257 251	28.5
Soybeans for beans (bushels)	—	—	—	—	—	—	—	—	—	—
Peanuts for nuts (pounds)	—	—	—	—	—	—	—	—	—	—
Dry field and seed beans (100-lb bags)	—	—	—	—	—	—	—	—	—	—
Cotton (bales)	—	—	—	—	—	—	—	—	—	—
Tobacco (pounds)	—	—	—	—	—	—	—	—	—	—
Irish potatoes (hundredweight)	16	2 862	220.7	11	1 615	684	200.6	29	942	187.8
Sugar beets for sugar (tons)	—	—	—	—	—	—	—	—	—	—
Sugarcane for sugar (tons)	—	—	—	—	—	—	—	—	—	—
Alfalfa hay (tons, dry)	4	(D)	(D)	1	(D)	(D)	(D)	353	6 845	2.9
Small grain hay (tons, dry)	—	—	—	—	—	—	—	89	2 480	1.1
Other tame dry hay (see text) (tons, dry)	2	(D)	(D)	—	—	—	—	460	(D)	(D)
Wild hay (tons, dry)	—	—	—	—	—	—	—	41	1 703	1.1
Gross silage and haylage (tons, green)	—	—	—	1	(D)	(D)	(D)	69	(D)	(D)
Hay crops cut and fed green (tons, green)	—	—	—	—	—	—	—	48	784	6.6
Alfalfa seed (pounds)	—	—	—	—	—	—	—	1	(D)	(D)
All vegetables harvested for sale (see text)	78	7 493	(X)	46	7 827	11 659	(X)	266	14 080	(X)
Land in orchards	1	(D)	(X)	2	(D)	(D)	(X)	55	536	(X)
Strawberries (pounds)	16	(D)	(D)	1	(D)	(D)	(D)	29	42	3639.4

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

All Farms

1978				1974				Value of production (\$1,000)
Farms	Acres	Quantity	Value of production (\$1,000)	Farms	Acres	Quantity	Value of production (\$1,000)	
Harvested cropland	2 944	500 417	(X)	122 822	2 792	451 752	(X)	111 282
Corn for grain or seed (bushels)	1 671	157 834	15 100 658	32 466	1 751	150 931	10 805 497	35 118
Corn for silage or green chop or fodder or hogged or grazed	227	10 068	(X)	3 627	260	7 724	(X)	1 548
Sorghums for grain or seed (bushels)	8	156	6 628	12	—	(D)	(D)	(D)
Sorghums for silage or green chop or cut for dry forage or hay or hogged or grazed	49	857	(X)	(D)	44	674	(X)	134
Wheat for grain (bushels)	385	16 423	576 890	1 702	741	41 216	1 447 484	5 211
Other small grains for grain	(NA)	27 510	(X)	2 138	(NA)	(X)	(X)	2 354
Soybeans for beans (bushels)	2 199	264 053	7 546 419	48 297	2 033	209 977	5 386 399	39 321
Peanuts for nuts (pounds)	—	—	—	—	—	—	—	—
Cotton (bales)	—	—	—	—	—	—	—	—
Tobacco (pounds)	—	—	—	—	—	—	—	—
Irish potatoes (hundredweight)	56	6 103	1 269 668	6 094	74	6 248	1 282 327	6 348
Sweetpotatoes (bushels)	9	(D)	(D)	(D)	18	48	17 613	70
Hay crops (tons, dry) (see text)	737	21 845	47 035	2 385	667	17 851	41 620	1 652
All vegetables harvested for sale (see text)	390	41 059	(X)	15 994	340	33 721	(X)	13 306
Land in orchards	58	1 113	(X)	1 603	48	1 218	(X)	1 459
Berries	48	129	(X)	119	39	83	(X)	(D)
Other crops (including nursery and greenhouse products)	(NA)	2 169	(X)	8 073	(NA)	(X)	(X)	4 663

Table 28. Crops by Acres Harvested: 1978

	All farms					Farms with sales of \$2,500 or more				
				Irrigated land					Irrigated land	
				Farms	Acres				Farms	Acres
Corn for all purposes:										
Acres harvested	1 698	167 902	(X)	80	(D)	1 591	166 846	(X)	78	(D)
1 to 14 acres	368	2 830	(X)	3	24	280	2 335	(X)	2	(D)
15 to 24 acres	236	4 437	(X)	1	(D)	224	4 238	(X)	1	(D)
25 to 49 acres	352	12 031	(X)	10	308	348	11 899	(X)	10	308
50 to 99 acres	266	18 656	(X)	11	533	264	(D)	(X)	10	(D)
100 to 249 acres	306	45 310	(X)	32	2 882	305	(D)	(X)	32	2 882
250 to 499 acres	119	38 616	(X)	12	2 422	119	38 616	(X)	12	2 422
500 to 999 acres	39	24 626	(X)	5	(D)	39	24 626	(X)	5	(D)
1,000 acres or more	12	21 396	(X)	6	4 354	12	21 396	(X)	6	4 354
For grain or seed (bushels):										
Acres harvested	1 671	157 834	15 100 658	80	12 211	1 569	156 876	15 029 165	78	(D)
1 to 14 acres	395	3 070	261 263	3	19	312	2 614	228 466	2	(D)
15 to 24 acres	217	4 058	358 985	1	(D)	205	3 862	346 156	1	(D)
25 to 49 acres	358	12 249	1 080 860	10	308	354	12 117	1 073 154	10	308
50 to 99 acres	253	17 544	1 618 815	11	533	250	17 370	1 600 654	10	(D)
100 to 249 acres	290	42 987	4 080 592	33	2 942	290	42 987	4 080 592	33	2 942
250 to 499 acres	110	35 956	3 555 222	11	2 362	110	35 956	3 555 222	11	2 362
500 to 999 acres	37	23 141	2 245 944	5	(D)	37	23 141	2 245 944	5	(D)
1,000 acres or more	11	18 829	1 898 977	6	4 354	11	18 829	1 898 977	6	4 354
Wheat for grain (bushels):										
Acres harvested	385	16 423	576 890	2	(D)	378	16 375	575 483	2	(D)
1 to 14 acres	98	827	25 398	2	(D)	91	779	23 991	2	(D)
15 to 24 acres	100	1 867	56 074	—	—	100	1 867	56 074	—	—
25 to 49 acres	95	3 299	112 401	—	—	95	3 299	112 401	—	—
50 to 99 acres	58	3 689	122 958	—	—	58	3 689	122 958	—	—
100 to 249 acres	30	4 391	166 559	—	—	30	4 391	166 559	—	—
250 to 499 acres	3	(D)	(D)	—	—	3	(D)	(D)	—	—
500 to 999 acres	—	—	—	—	—	—	—	—	—	—
1,000 acres or more	1	(D)	(D)	—	—	1	(D)	(D)	—	—
Barley for grain (bushels):										
Acres harvested	468	25 189	1 109 362	5	162	459	25 076	1 106 236	5	162
1 to 14 acres	117	985	36 573	1	(D)	110	915	34 777	1	(D)
15 to 24 acres	81	1 557	63 292	1	(D)	80	(D)	(D)	1	(D)
25 to 49 acres	115	(D)	(D)	2	(D)	114	(D)	(D)	2	(D)
50 to 99 acres	70	4 909	211 921	1	(D)	70	4 909	211 921	1	(D)
100 to 249 acres	76	10 403	457 354	—	—	76	10 403	457 354	—	—
250 to 499 acres	7	2 304	109 532	—	—	7	2 304	109 532	—	—
500 to 999 acres	2	(D)	(D)	—	—	2	(D)	(D)	—	—
1,000 acres or more	—	—	—	—	—	—	—	—	—	—
Soybeans for beans (bushels):										
Acres harvested	2 199	264 053	7 546 419	31	2 116	2 029	262 181	7 502 475	30	(D)
1 to 14 acres	303	2 437	67 189	2	(D)	169	1 380	39 622	2	(D)
15 to 24 acres	243	4 695	133 526	—	—	217	4 230	124 180	—	—
25 to 49 acres	442	15 257	422 006	3	53	433	14 987	417 295	3	53
50 to 99 acres	460	31 556	882 871	7	(D)	459	(D)	(D)	6	(D)
100 to 249 acres	467	71 492	2 039 028	8	817	467	71 492	2 039 028	8	817
250 to 499 acres	196	68 497	1 916 231	7	504	196	68 497	1 916 231	7	504
500 to 999 acres	69	45 021	1 304 033	4	(D)	69	45 021	1 304 033	4	(D)
1,000 acres or more	19	25 098	781 535	—	—	19	25 098	781 535	—	—
Irish potatoes (hundredweight):										
Acres harvested	56	6 103	1 269 668	27	4 477	54	(D)	(D)	27	4 477
0.1 to 0.9 acres	14	4	738	1	(D)	12	(D)	(D)	1	(D)
1.0 to 2.9 acres	6	10	1 655	1	(D)	6	10	1 655	1	(D)
3.0 to 9.9 acres	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
10.0 to 24.9 acres	2	(D)	(D)	—	—	2	(D)	(D)	—	—
25.0 to 49.9 acres	4	139	29 050	2	(D)	4	139	29 050	2	(D)
50.0 to 99.9 acres	9	544	99 280	4	214	9	544	99 280	4	214
100.0 to 249.9 acres	12	2 307	488 279	11	1 832	12	2 307	488 279	11	1 832
250.0 to 499.9 acres	6	1 825	364 966	5	1 250	6	1 825	364 966	5	1 250
500.0 acres or more	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
Hay crops (tons, dry) (see text):										
Acres harvested	737	21 845	47 035	7	75	617	20 179	44 276	7	75
1 to 14 acres	357	2 412	5 162	3	12	273	1 824	3 864	3	12
15 to 24 acres	108	2 015	4 352	2	(D)	87	1 618	3 778	2	(D)
25 to 49 acres	154	5 392	10 906	1	(D)	144	5 095	10 568	1	(D)
50 to 99 acres	84	5 732	15 406	1	(D)	79	5 348	14 857	1	(D)
100 to 249 acres	29	4 034	8 775	—	—	29	4 034	8 775	—	—
250 to 499 acres	4	(D)	(D)	—	—	4	(D)	(D)	—	—
500 to 999 acres	1	(D)	(D)	—	—	1	(D)	(D)	—	—
1,000 acres or more	—	—	—	—	—	—	—	—	—	—
Alfalfa hay (tons, dry):										
Acres harvested	358	6 960	20 174	5	55	312	6 477	19 217	5	55
1 to 14 acres	210	1 373	3 804	3	15	170	1 108	3 270	3	15
15 to 24 acres	52	960	3 327	1	(D)	50	(D)	(D)	1	(D)
25 to 49 acres	63	2 176	5 666	—	—	60	2 068	5 388	—	—
50 to 99 acres	25	1 536	4 899	1	(D)	24	(D)	(D)	1	(D)
100 to 249 acres	8	915	2 478	—	—	8	915	2 478	—	—
250 to 499 acres	—	—	—	—	—	—	—	—	—	—
500 to 999 acres	—	—	—	—	—	—	—	—	—	—
1,000 acres or more	—	—	—	—	—	—	—	—	—	—
Other tame dry hay (tons, dry) (see text):										
Acres harvested	462	8 140	16 303	2	(D)	390	7 311	14 834	2	(D)
1 to 14 acres	270	1 855	3 685	2	(D)	217	1 469	2 826	2	(D)
15 to 24 acres	86	1 615	3 161	—	—	71	1 323	2 703	—	—
25 to 49 acres	71	2 226	4 597	—	—	68	(D)	(D)	—	—
50 to 99 acres	31	1 913	3 913	—	—	30	(D)	(D)	—	—
100 to 249 acres	4	531	947	—	—	4	531	947	—	—
250 to 499 acres	—	—	—	—	—	—	—	—	—	—
500 to 999 acres	—	—	—	—	—	—	—	—	—	—
1,000 acres or more	—	—	—	—	—	—	—	—	—	—

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

	All farms			Farms with sales of \$2,500 or more				
	Irrigated land						Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Quantity	Farms	Acres
All vegetables harvested for sale (see text):								
Acres harvested	390	41 059	(X)	124	15 320	(X)	353	40 952
0.1 to 0.9 acres	22	12	(X)	1	(D)	16	8	(X)
1.0 to 4.9 acres	127	315	(X)	14	(D)	100	248	(X)
5.0 to 14.9 acres	63	554	(X)	12	107	59	518	(X)
15.0 to 24.9 acres	22	429	(X)	10	197	22	429	(X)
25.0 to 49.9 acres	34	1 124	(X)	13	402	34	1 124	(X)
50.0 to 99.9 acres	43	2 885	(X)	21	1 229	43	2 885	(X)
100.0 to 249.9 acres	40	6 674	(X)	31	3 826	40	6 674	(X)
250.0 to 499.9 acres	24	8 307	(X)	12	3 200	24	8 307	(X)
500.0 acres or more	15	20 759	(X)	10	6 327	15	20 759	(X)
Land in orchards:								
Acres in orchards	58	1 113	(X)	3	147	33	1 037	(X)
0.1 to 0.9 acres	18	9	(X)	—	—	7	4	(X)
1.0 to 4.9 acres	17	38	(X)	—	—	12	24	(X)
5.0 to 14.9 acres	14	93	(X)	—	—	5	38	(X)
15.0 to 24.9 acres	2	(D)	(X)	—	—	2	(D)	(X)
25.0 to 49.9 acres	1	(D)	(X)	—	—	1	(D)	(X)
50.0 to 99.9 acres	3	192	(X)	1	(D)	3	192	(X)
100.0 to 249.9 acres	2	(D)	(X)	1	(D)	2	(D)	(X)
250.0 to 499.9 acres	1	(D)	(X)	1	(D)	1	(D)	(X)
500.0 acres or more	—	—	(X)	—	—	—	—	(X)

This page is intentionally blank to preserve table continuity.

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
	number	percent	number	percent	number	percent	number	percent
F FARMS AND LAND IN FARMS								
Farms	3 629	2 142	1 087	400	3 185	1 779	1 044	362
Land in farms	100.0	59.0	29.9	11.0	87.7	49.0	28.7	9.9
Average size of farm	acres	678 224	181 997	424 943	71 284	662 647	168 501	423 594
Value of land and buildings ¹	farms	187	85	391	178	208	95	195
Average per farm	\$1,000	978 624	282 700	553 351	142 573	949 651	260 224	548 420
Average per acre	dollars	269 593	126 828	577 610	321 836	299 858	139 455	605 319
Average per acre	dollars	1 496	1 514	1 420	1 829	1 487	1 495	1 415
Farms by value of land and buildings:								
\$1 to \$19,999		228	177	12	39	167	137	4
\$20,000 to \$39,999		365	307	23	35	235	199	13
\$40,000 to \$69,999		570	461	33	76	426	350	23
\$70,000 to \$99,999		503	389	76	38	444	334	72
\$100,000 to \$149,999		480	300	108	72	456	276	108
\$150,000 to \$199,999		365	251	91	23	336	237	76
\$200,000 to \$499,999		626	266	268	92	610	255	263
\$500,000 to \$999,999		307	62	201	44	307	62	201
\$1,000,000 or more		186	16	146	24	186	16	146
Owned and rented land by operator:								
Land owned	farms	3 232	2 142	1 087	3	2 825	1 779	1 044
Land owned	acres	425 320	206 345	218 681	294	407 108	189 101	(D)
Land rented or leased from others	farms	1 495	8	1 087	400	1 413	7	1 044
Land rented or leased to others	farms	281 555	359	209 903	71 293	280 209	259	209 390
Land rented or leased to others	acres	430	376	50	4	369	319	47
Land rented or leased to others	acres	28 651	24 707	3 641	303	24 670	20 859	(D)
L LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	3 111	1 655	1 083	373	2 709	1 325	1 041
Total cropland	acres	535 636	114 264	355 031	66 341	527 312	107 382	354 189
Harvested cropland	farms	2 941	1 498	1 076	367	2 586	1 210	1 036
Harvested cropland	acres	500 026	99 151	336 969	63 906	495 466	95 663	336 365
Farms by acres harvested:								
1 to 49 acres		1 283	958	203	122	933	673	164
50 to 99 acres		516	274	162	80	511	271	161
100 to 199 acres		456	163	215	78	456	163	215
200 to 499 acres		438	83	301	54	438	83	301
500 to 999 acres		175	15	135	25	175	15	135
1,000 to 1,999 acres		65	5	52	8	65	5	52
2,000 acres or more		8	—	8	—	6	—	8
Cropland:								
Posture or grazing only	farms	770	467	237	66	641	357	224
Posture or grazing only	acres	18 638	9 530	7 543	1 565	16 196	7 322	7 384
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	129	74	47	8	108	56	46
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	acres	3 779	1 581	2 062	136	3 056	915	2 052
On which all crops failed	farms	126	61	51	14	103	42	47
On which all crops failed	acres	1 805	527	1 139	139	1 684	446	1 099
In cultivated summer fallow	farms	43	24	18	1	29	13	15
In cultivated summer fallow	acres	1 580	333	(D)	(D)	1 500	259	(D)
Idle	farms	416	206	185	25	379	176	180
Idle	acres	9 808	3 142	(D)	(D)	9 410	2 777	(D)
Total woodland	farms	1 743	1 106	580	57	1 535	915	565
Total woodland	acres	103 731	48 996	51 464	3 271	98 401	44 003	51 150
Woodland pastured	farms	266	175	79	12	231	144	76
Woodland not pastured	farms	7 770	3 794	3 802	174	7 278	3 353	3 764
Woodland not pastured	acres	1 572	990	532	50	1 384	815	520
Pastureland and rangeland other than cropland and woodland pastured	farms	240	134	83	23	211	111	79
Pastureland and rangeland other than cropland and woodland pastured	acres	8 654	2 696	5 466	492	8 266	2 373	5 428
Land in house lots, ponds, roads, wasteland, etc.	farms	2 375	1 579	675	121	2 089	1 337	643
Land in house lots, ponds, roads, wasteland, etc.	acres	30 203	16 041	12 982	1 180	28 668	14 743	12 827
Pastureland, all types	farms	1 062	650	329	83	897	513	309
Pastureland, all types	acres	35 062	16 020	16 811	2 231	31 740	13 048	16 576
Irrigated land	farms	253	91	131	31	238	82	128
Irrigated land	acres	33 677	4 359	26 680	2 638	33 631	4 347	26 671
Harvested cropland irrigated	farms	250	90	131	29	238	82	128
Harvested cropland irrigated	acres	33 381	4 215	26 559	2 607	33 359	(D)	26 550
Pastureland irrigated	farms	9	5	3	1	7	4	3
Pastureland irrigated	acres	196	(D)	121	(D)	(D)	(D)	121
Other land irrigated	farms	6	4	—	2	5	4	—
Other land irrigated	acres	100	(D)	—	(D)	(D)	(D)	(D)
Land set aside in the federal farm programs in 1978	farms	238	63	151	24	235	61	151
Land set aside in the federal farm programs in 1978	acres	5 441	586	4 431	424	5 428	583	4 431
R RACE AND TENURE OF OPERATOR								
All operators	number	3 629	2 142	1 087	400	3 185	1 779	1 044
Full owners	number	2 142	2 142	—	—	1 779	1 779	—
Part owners	number	1 087	—	1 087	—	1 044	—	—
Tenants	number	400	—	—	400	362	—	354
White	number	3 537	2 088	1 057	392	3 120	1 748	1 018
Full owners	number	2 088	2 088	—	—	1 748	1 748	—
Part owners	number	1 057	—	1 057	—	1 018	—	1 018
Tenants	number	392	—	392	354	—	—	354
Black and other races	number	92	54	30	8	65	31	26
Full owners	number	54	54	—	—	31	31	—
Part owners	number	30	—	30	—	26	—	26
Tenants	number	8	—	8	8	8	—	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
	F FARMS BY TYPE OF ORGANIZATION							
Individual or family								
farms	3 178	1 949	903	326	2 754	1 603	861	290
acres	479 300	148 832	281 100	49 368	464 851	136 368	279 766	48 717
Partnership								
farms	291	125	115	51	278	114	114	50
acres	83 032	16 877	53 019	13 136	82 516	16 456	53 004	13 056
Corporations:								
Family held	134	51	65	18	129	46	65	18
farms	107 886	11 157	88 311	8 418	107 430	(D)	(D)	(D)
acres	3	1	1	1	3	1	1	1
More than 10 stockholders	farms	131	50	64	17	126	45	64
10 or less stockholders	farms	16	9	4	3	9	4	2
Other than family held	farms	6 092	(D)	2 513	(D)	3 282	(D)	(D)
acres	4	2	1	1	3	2	1	-
More than 10 stockholders	farms	12	7	3	2	7	3	2
10 or less stockholders	farms	10	8	-	2	9	7	2
Other—cooperative, estate or trust, etc.	farms	1 914	(D)	-	(D)	(D)	(D)	(D)
acres								
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	2 753	1 629	914	210	2 416	1 346	883	187
Not on farm operated	486	232	109	145	432	191	104	137
Operators by age group:								
Under 25 years	122	34	25	63	115	33	25	57
25 to 34 years	474	255	129	90	414	215	120	79
35 to 44 years	724	388	249	87	618	304	239	75
45 to 54 years	870	475	326	69	774	393	316	65
55 to 64 years	869	543	269	57	780	466	260	54
65 years and over	570	447	89	34	484	368	84	32
Average age	49.9	52.2	48.4	41.5	49.8	52.2	48.4	41.8
Operators by sex:								
Male	3 399	1 940	1 073	386	2 984	1 600	1 030	354
Female	230	202	14	14	201	179	14	8
24	12	11	1	18	6	11	1	-
Operators of Spanish origin								
Operators by principal occupation:								
Farming	2 077	1 054	788	235	1 961	955	779	227
Other	1 552	1 088	299	165	1 224	824	265	135
Operators reporting days of work off farm:								
None	1 574	877	530	167	1 456	772	525	159
1 to 99 days	340	149	148	43	315	128	146	41
100 to 199 days	321	199	87	35	276	161	84	31
200 days or more	1 221	809	272	140	980	620	243	117
F FARMS BY SIZE								
1 to 9 acres	584	525	12	47	474	436	7	31
10 to 49 acres	891	673	132	86	651	480	103	68
50 to 69 acres	281	189	55	37	252	165	52	35
70 to 99 acres	324	206	82	36	291	180	77	34
100 to 139 acres	301	164	82	55	288	152	81	55
140 to 179 acres	213	108	77	28	203	98	77	28
180 to 219 acres	192	80	86	26	186	74	86	26
220 to 259 acres	134	50	78	6	134	50	78	6
260 to 499 acres	377	108	227	42	374	105	227	42
500 to 999 acres	227	27	174	26	227	27	174	26
1,000 to 1,999 acres	83	11	62	10	83	11	62	10
2,000 acres or more	22	1	20	1	22	1	20	1
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	1 606	748	599	259	1 421	603	575	243
Field crop, except cash grain farms (013)	81	48	25	8	50	21	24	5
Cotton farms (0131)	-	-	-	-	-	-	-	-
Tobacco farms (0132)	-	-	-	-	-	-	-	-
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	81	48	25	8	50	21	24	5
Vegetable and melon farms (016)	99	44	32	23	79	29	31	19
Fruit and tree nut farms (017)	21	14	5	2	10	5	3	2
Horticultural specialty farms (018)	94	78	5	11	83	68	5	10
General farms, primarily crop (019)	54	28	21	5	32	11	18	3
Livestock farms, except dairy, poultry, and animal specialty (021)	333	245	61	27	216	146	52	18
Beef cattle farms, except feedlots (0212)	74	54	14	6	46	30	12	4
Dairy farms (024)	162	65	73	24	162	65	73	24
Poultry and egg farms (025)	1 053	774	243	36	1 046	768	243	35
Animal specialty farms (027)	92	84	5	3	63	59	3	1
General farms, primarily livestock (029)	34	14	18	2	23	4	17	2
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold	3 629	2 142	1 087	400	3 185	1 779	1 044	362
\$1,000	325 741	141 414	157 939	26 388	325 180	140 964	157 872	26 344
Farms by value of agricultural products sold:								
\$50,000 or more	74	26	43	5	74	26	43	5
\$200,000 to \$499,999	315	128	170	17	315	128	170	17
\$100,000 to \$199,999	557	318	198	41	557	318	198	41
\$40,000 to \$99,999	621	342	225	54	621	342	225	54
\$20,000 to \$39,999	424	206	151	67	424	206	151	67
\$10,000 to \$19,999	411	219	118	74	411	219	118	74
\$5,000 to \$9,999	425	279	86	60	425	279	86	60
\$2,500 to \$4,999	358	261	53	44	358	261	53	44
Less than \$2,500	444	363	43	38	(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	2 477	1 159	1 009	309	2 267	993	983	291
\$1,000	71 401	13 555	49 065	8 781	71 117	13 336	49 026	8 754
Sales of \$40,000 or more	480	67	353	60	480	67	353	60
\$1,000	50 126	5 026	39 359	5 742	50 126	5 026	39 359	5 742
Commodity Credit Corporation loans	82	27	48	7	80	25	48	7
\$1,000	551	137	343	71	551	137	343	71
Cotton and cottonseed	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Commodity Credit Corporation loans	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Tobacco	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Field seeds, hay, forage, and silage	255	123	105	27	206	84	99	23
\$1,000	821	337	425	59	778	302	421	56
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Vegetables, sweet corn, and melons	387	159	180	48	352	130	178	44
\$1,000	15 992	2 083	9 471	4 437	15 965	2 061	9 469	4 434
Sales of \$40,000 or more	68	11	48	9	68	11	48	9
\$1,000	13 764	1 453	8 213	4 099	13 764	1 453	8 213	4 099
Fruits, nuts, and berries	56	26	21	9	44	17	18	9
\$1,000	1 502	221	1 254	27	1 492	215	1 249	27
Sales of \$40,000 or more	5	1	4	—	5	1	4	—
\$1,000	1 300	(D)	(D)	—	1 300	(D)	(D)	—
Nursery and greenhouse products	112	88	13	11	98	76	12	10
\$1,000	8 050	4 192	2 041	1 817	8 028	4 173	2 041	1 815
Sales of \$40,000 or more	31	20	6	5	31	20	6	5
\$1,000	7 349	3 589	2 009	1 751	7 349	3 589	2 009	1 751
Other crops	50	13	30	7	50	13	30	7
\$1,000	5 595	469	4 878	247	5 595	469	4 878	247
Sales of \$40,000 or more	28	3	22	3	28	3	22	3
\$1,000	5 407	422	4 803	182	5 407	422	4 803	182
Poultry and poultry products	1 203	850	306	47	1 174	824	304	46
\$1,000	194 360	112 331	73 467	8 562	194 347	112 319	73 467	8 561
Sales of \$40,000 or more	961	671	259	31	961	671	259	31
\$1,000	191 514	109 964	73 086	8 464	191 514	109 964	73 086	8 464
Dairy products	221	84	106	31	218	82	105	31
\$1,000	11 874	2 913	7 847	1 114	11 873	2 913	7 847	1 114
Sales of \$40,000 or more	109	30	69	10	109	30	69	10
\$1,000	10 192	2 225	7 149	819	10 192	2 225	7 149	819
Cattle and calves	588	279	233	76	533	234	226	73
\$1,000	5 882	1 083	4 151	649	5 829	1 034	4 147	647
Sales of \$40,000 or more	13	4	8	1	13	4	8	1
\$1,000	3 270	(D)	2 784	(D)	3 270	(D)	2 784	(D)
Hogs and pigs	652	337	247	68	564	265	238	61
\$1,000	8 571	2 863	5 105	604	8 505	2 810	5 095	600
Sales of \$40,000 or more	47	14	30	3	47	14	30	3
\$1,000	5 755	1 668	3 813	275	5 755	1 668	3 813	275
Sheep, lambs, and wool	26	17	7	2	23	15	7	1
\$1,000	21	13	(D)	(D)	19	13	(D)	(D)
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Other livestock and livestock products (see text)	208	153	37	18	158	109	33	16
\$1,000	1 673	1 354	231	88	1 632	1 319	227	86
Sales of \$40,000 or more	7	4	2	1	7	4	2	1
\$1,000	687	520	(D)	(D)	687	520	(D)	(D)
SELECTED FARM PRODUCTION EXPENSES¹								
Livestock and poultry purchased	farms	1 721	1 158	417	146	1 604	1 085	389
\$1,000		37 068	20 173	13 213	3 682	36 974	20 099	13 200
Farms with expenses of—								
\$1 to \$4,999		657	408	149	100	545	340	121
\$5,000 to \$19,999		697	540	121	36	692	535	121
\$20,000 to \$49,999		306	184	114	8	306	184	114
\$50,000 or more		61	26	33	2	61	26	33
Feed for livestock and poultry	farms	2 048	1 378	498	172	1 846	1 229	471
\$1,000		120 955	73 971	43 493	3 490	120 736	73 804	43 485
Farms with expenses of—								
\$1 to \$4,999		772	470	180	122	575	326	153
\$5,000 to \$19,999		196	141	49	6	191	136	49
\$20,000 to \$49,999		294	214	58	22	294	214	58
\$50,000 or more		786	553	211	22	786	553	211
Commercially mixed formula feeds	farms	1 597	1 120	376	101	1 507	1 056	361
tons		673 595	414 358	239 917	19 321	673 099	413 963	239 882
\$1,000		117 503	72 271	41 913	3 319	117 423	72 207	41 908
Farms by tons purchased:								
1 to 99 tons		504	340	106	58	414	276	91
100 to 499 tons		642	503	110	29	642	503	110
500 tons or more		451	277	160	14	451	277	160
Farms with expenses of—								
\$1 to \$4,999		406	260	89	57	321	201	74
\$5,000 to \$19,999		143	113	29	1	138	108	29
\$20,000 to \$49,999		276	202	52	22	276	202	52
\$50,000 or more		772	545	206	21	772	545	206

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 EXPENSES¹ — Con.								
Animal health costs— \$1,000—	1 562 2 456	1 045 1 282	428 864	89 310	1 452 2 409	966 1 238	401 860	85 310
Farms with expenses of— \$1 to \$499— \$500 to \$999— \$1,000 to \$2,999— \$3,000 or more—	673 465 219 205	443 357 126 119	172 88 89 79	58 20 4 7	573 465 214 200	374 357 121 114	145 88 89 79	54 20 4 7
Seeds, bulbs, plants, and trees— \$1,000—	2 404 5 622	1 179 1 322	878 3 339	347 961	2 171 5 579	996 1 291	849 3 331	326 957
Farms with expenses of— \$1 to \$999— \$1,000 to \$4,999— \$5,000 to \$9,999— \$10,000 or more—	1 499 661 144 100	918 219 26 16	378 343 92 65	203 99 26 19	1 266 661 144 100	735 219 26 16	349 343 92 65	182 99 26 19
Commercial fertilizer— \$1,000—	2 582 14 232	1 321 2 736	897 9 450	364 2 046	2 260 14 127	1 066 2 669	850 9 419	344 2 039
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	1 620 619 178 165	1 072 201 36 12	364 291 108 134	184 127 34 19	1 303 614 178 165	817 201 36 12	322 286 108 134	164 127 34 19
Other agricultural chemicals including lime— \$1,000—	2 629 6 917	1 344 1 387	924 4 607	361 923	2 347 6 865	1 146 1 354	872 4 593	329 919
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	1 974 512 93 50	1 200 132 9 3	498 313 72 41	276 67 12 6	1 692 512 93 50	1 002 132 9 3	446 313 72 41	244 67 12 6
Energy and petroleum products— \$1,000—	3 610 10 562	2 209 4 104	958 5 317	443 1 140	3 158 10 417	1 857 4 000	906 5 292	395 1 125
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	2 610 791 154 55	1 809 341 46 13	466 353 102 37	335 97 6 5	2 158 791 154 55	1 457 341 46 13	414 353 102 37	287 97 6 5
Petroleum products— \$1,000—	3 608 8 127	2 207 2 835	958 4 371	443 920	3 156 8 016	1 855 2 756	906 4 351	395 909
Gasoline— \$1,000—	3 398 3 712	2 073 1 410	923 1 834	402 469	2 950 3 626	1 721 1 348	871 1 820	358 459
Diesel fuel— \$1,000—	1 594 2 234	649 500	714 1 440	231 294	1 558 2 227	627 497	704 1 436	227 294
LP gas, butane, and propane— \$1,000—	590 1 216	362 505	186 683	42 28	579 1 214	355 504	186 683	38 27
Fuel oil— \$1,000—	308 380	155 188	130 128	23 63	294 378	146 186	125 128	23 63
Natural gas— \$1,000—	33 28	16 4	17 23	— <td>31 —</td> <td>14 —</td> <td>17 —</td> <td>—</td>	31 —	14 —	17 —	—
Kerosene, motor oil, and grease— \$1,000—	3 608 557	2 207 227	958 263	443 67	3 156 (D)	1 855 (D)	906 261	395 66
Electricity— \$1,000—	2 340 2 422	1 457 1 262	688 940	195 220	2 205 2 388	1 345 1 237	672 935	188 216
Other—coal, wood, coke, etc.— \$1,000—	61 14	33 7	24 6	4 —	56 13	33 7	19 5	4 —
Hired farm labor— \$1,000—	1 645 15 051	908 4 575	526 7 773	211 2 703	1 553 14 986	843 4 525	508 7 769	202 2 692
Farms with expenses of— \$1 to \$4,999— \$5,000 to \$19,999— \$20,000 to \$49,999— \$50,000 or more—	1 205 284 109 47	745 122 25 16	299 131 70 26	161 31 14 5	1 118 279 109 47	685 117 25 16	281 131 70 26	152 31 14 5
Workers by number of days worked: 150 days or more— Less than 150 days—	711 2 074 1 376 6 703	339 760 760 3 402	280 939 441 2 431	92 375 175 870	707 2 070 1 284 6 546	339 760 695 3 277	280 939 423 2 408	88 371 166 861
Contract labor— \$1,000—	268 1 501	150 253	94 928	24 320	257 1 491	139 243	94 928	24 320
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	199 37 14 18	126 20 3 1	58 15 10 11	15 2 1 6	188 37 14 18	115 20 3 1	58 15 10 11	15 2 1 6
Customwork, machine hire, and rental of machinery and equipment— \$1,000—	1 727 2 435	947 1 016	540 1 076	240 343	1 605 2 403	849 990	527 1 072	229 341
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	1 451 258 12 6	838 105 2 2	421 107 8 4	192 46 2 —	1 329 258 12 6	740 105 2 2	408 107 8 4	181 46 2 —
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services— \$1,000—	400 1 472	85 413	252 935	63 124	380 1 423	71 373	250 931	59 119
Value of agricultural products sold directly to individuals for human consumption— \$1,000—	1 192 1 188	102 485	69 641	21 62	1 151 1 157	67 460	64 636	20 61

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 EQUIPMENT¹								
Estimated market value of all machinery and equipment ... farms \$1,000...	3 629	2 228	958	443	3 167	1 866	906	395
Farms by value group:	142 763	55 295	68 124	19 344	138 941	52 450	67 420	19 071
\$1 to \$4,999	353	241	47	65	238	163	33	42
\$5,000 to \$9,999	773	616	81	76	497	368	68	61
\$10,000 to \$19,999	820	548	149	123	781	534	134	113
\$20,000 to \$49,999	838	536	225	77	811	519	215	77
\$50,000 to \$99,999	457	165	244	48	452	160	244	48
\$100,000 to \$199,999	281	103	147	31	281	103	147	31
\$200,000 to \$499,999	95	17	58	20	95	17	58	20
\$500,000 or more	12	2	7	3	12	2	7	3
SELECTED MACHINERY AND EQUIPMENT¹								
Automobiles ... farms...	2 589	1 546	754	289	2 331	1 337	721	273
number...	3 846	2 266	1 180	400	3 493	1 980	1 134	379
Motortrucks, including pickups ... farms...	3 018	1 770	874	374	2 675	1 494	841	340
number...	6 472	2 945	2 733	794	6 056	2 609	2 691	756
Wheel tractors ... farms...	3 216	1 881	940	395	2 864	1 609	893	362
number...	8 698	4 189	3 399	1 110	8 106	3 723	3 328	1 055
2 or 3 ... farms...	1 479	892	411	176	1 318	773	391	154
number...	3 522	2 081	1 037	404	3 178	1 825	993	360
4 or more ... farms...	746	270	364	112	735	259	364	112
number...	4 185	1 389	2 197	599	4 117	1 321	2 197	599
Grain and bean combines, self-propelled only ... farms...	1 154	387	579	188	1 132	370	574	188
number...	1 347	416	698	233	1 325	399	693	233
Cornpickers, corn heads, and picker-shellers ... farms...	1 172	445	550	177	1 112	401	540	171
number...	1 498	537	751	210	1 438	493	741	204
Corn heads for combines ... farms...	923	304	489	130	907	293	484	130
number...	1 033	322	577	134	1 017	311	572	134
Other cornpickers and picker-shellers ... farms...	437	212	160	65	393	179	155	59
number...	465	215	174	76	421	182	169	70
Cottonpickers ... farms...	~	~	~	~	~	~	~	~
number...	~	~	~	~	~	~	~	~
Mower conditioners ... farms...	553	232	242	79	504	208	223	73
number...	601	248	256	97	541	219	237	85
Pickup balers ... farms...	581	273	226	82	547	244	221	82
number...	617	295	238	84	583	266	233	84
Field forage harvesters, shear bar or flywheel type ... farms...	238	100	110	28	236	98	110	28
number...	280	105	143	32	278	(D)	(D)	32
AGRICULTURAL CHEMICALS¹								
Agricultural chemicals, including commercial fertilizer and lime ... farms...	2 882	1 539	944	399	2 519	1 260	892	367
\$1,000...	21 149	4 123	14 057	2 969	20 992	4 022	14 012	2 958
Commercial fertilizer ... farms...	2 537	1 283	891	363	2 220	1 033	844	343
acres on which used...	412 690	84 473	266 334	61 883	408 962	82 000	265 314	61 648
Lime ... farms...	1 194	517	506	171	1 090	455	485	150
acres on which used...	108 755	27 551	67 694	13 510	107 568	26 924	67 312	13 332
tons...	114 292	29 333	70 620	14 339	112 818	28 424	70 249	14 145
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ... farms...	1 146	544	447	155	1 032	465	423	144
acres on which used...	187 234	33 052	130 245	23 937	186 551	32 644	130 057	23 850
Nematodes in crops ... farms...	122	31	59	32	116	25	59	32
Diseases in crops and orchards ... farms...	16 933	1 178	13 546	2 209	16 918	1 163	13 546	2 209
acres on which used...	126	69	48	9	115	58	48	9
Weeds, grass, or brush in crops and pasture ... farms...	15 777	1 769	10 803	3 205	15 753	1 745	10 803	3 205
acres on which used...	2 014	968	768	278	1 820	827	726	267
acres on which used...	360 726	68 755	241 120	50 851	357 730	66 879	240 110	50 741
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ... farms...	83	56	17	10	79	56	17	6
acres on which used...	3 600	1 457	1 703	440	3 552	1 457	1 703	392
Insect control on livestock and poultry ... farms...	511	320	174	17	469	287	165	17
Sanitation and rodent and bird control ... farms...	563	325	187	51	506	286	169	51
LIVESTOCK								
Cattle and calves inventory ... farms...	715	369	267	79	610	281	257	72
number...	29 123	8 892	17 476	2 755	28 458	8 301	17 427	2 730
Forms with—								
1 to 9 ...	293	193	82	18	210	125	73	12
10 to 49 ...	247	120	87	40	226	101	86	39
50 to 99 ...	84	27	42	15	83	26	42	15
100 to 199 ...	66	27	33	6	66	27	33	6
200 to 499 ...	24	2	22	—	24	2	22	—
500 or more ...	1	—	1	—	1	—	1	—
Cows and heifers that had calved ... farms...	571	291	224	56	498	228	217	53
number...	15 055	4 850	8 891	1 314	14 805	4 629	8 871	1 305
Beef cows ... farms...	311	171	118	22	265	132	113	20
number...	4 158	1 922	1 955	281	3 958	1 742	1 937	279
Farms with—								
1 to 9 ...	209	122	75	12	168	88	70	10
10 to 49 ...	87	42	35	10	82	37	35	10
50 to 99 ...	9	4	5	—	9	4	5	—
100 to 199 ...	4	2	2	—	4	2	2	—
200 to 499 ...	2	1	1	—	2	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 forms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
	farms	number	farms	number	farms	number	farms	number
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows	317	156	118	43	284	127	116	41
Farms with—	10 897	2 928	6 936	1 033	10 847	2 887	6 934	1 026
1 to 4	103	77	18	8	71	48	16	7
5 to 9	18	11	3	4	17	11	3	3
10 to 49	106	39	41	26	106	39	41	26
50 to 99	60	27	31	2	60	27	31	2
100 to 199	28	2	23	3	28	2	23	3
200 to 499	2	—	2	—	2	—	2	—
500 or more	—	—	—	—	—	—	—	—
Heifers and heifer calves	456	203	193	60	416	170	188	58
Farms with—	9 109	2 473	5 610	1 026	8 887	2 267	5 598	1 022
\$1,000	495	241	191	63	429	189	184	56
Steers, steer calves, bulls, and bull calves	4 959	1 569	2 975	415	4 766	1 405	2 958	403
Cattle and calves sold	588	279	233	76	533	234	226	73
Farms with—	17 091	4 712	10 762	1 617	16 857	4 501	10 747	1 609
\$1,000	5 882	1 083	4 151	649	5 829	1 034	4 147	647
Calves	395	186	164	45	363	159	161	43
Farms with—	7 226	2 737	4 043	446	7 094	2 615	4 037	442
\$1,000	926	326	559	41	909	310	559	40
Cattle	470	211	192	67	435	184	186	65
Farms with—	9 865	1 975	6 719	1 171	9 763	1 886	6 710	1 167
\$1,000	4 956	756	3 592	608	4 920	724	3 589	607
Fattened on grain and concentrates	135	66	49	20	119	53	47	19
Farms with—	5 593	492	4 465	636	5 555	461	4 460	634
\$1,000	3 124	201	2 550	372	3 108	187	2 549	372
Hogs and pigs inventory	669	362	236	71	572	281	227	64
Farms with—	62 428	23 554	35 230	3 644	61 155	22 510	35 098	3 547
1 to 9	188	123	48	17	151	91	44	16
10 to 49	291	173	83	35	231	124	78	29
50 to 99	89	33	44	12	89	33	44	12
100 to 199	37	11	23	3	37	11	23	3
200 to 499	37	17	18	2	37	17	18	2
500 or more	27	5	20	2	27	5	20	2
Used or to be used for breeding	506	285	174	47	432	220	168	44
Farms with—	10 726	4 176	6 026	524	10 438	3 927	5 999	512
Other	574	297	212	65	498	235	205	58
Farms with—	51 702	19 378	29 204	3 120	50 717	18 583	29 099	3 035
Hogs and pigs sold	652	337	247	68	564	265	238	61
Farms with—	103 175	35 889	60 348	6 938	101 693	34 666	60 176	6 851
\$1,000	8 571	2 863	5 105	604	8 505	2 810	5 095	600
Feeder pigs sold	278	153	95	30	248	128	91	29
Farms with—	33 426	12 415	19 139	1 872	32 865	11 988	19 023	1 854
\$1,000	1 382	511	797	75	1 363	496	793	75
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	522	291	181	50	447	225	175	47
Farms with—	13 095	5 230	7 290	575	12 844	5 012	7 263	569
Dec. 1 and May 31	454	251	156	47	399	203	152	44
June 1 and Nov. 30	5 993	2 180	3 513	300	5 859	2 062	3 501	296
Farms with—	459	250	165	44	403	201	160	42
\$1,000	7 102	3 050	3 777	275	6 985	2 950	3 762	273
Sheep and lambs of all ages inventory	32	20	10	2	29	18	10	1
Farms with—	546	382	(D)	(D)	526	372	(D)	(D)
Ewes 1 year old or older	26	16	8	2	23	14	8	1
Farms with—	370	248	(D)	(D)	359	243	(D)	(D)
Sheep and lambs sold	23	15	6	2	20	13	6	1
Farms with—	416	272	(D)	(D)	400	269	(D)	(D)
Sheep and lambs shorn	21	14	5	2	18	12	5	1
Farms with—	420	298	(D)	(D)	404	292	(D)	(D)
Pounds of wool	2 984	2 075	(D)	(D)	2 879	2 020	(D)	(D)
Horses and ponies inventory	547	369	132	46	426	270	115	41
Farms with—	3 455	2 254	708	493	2 587	1 536	630	421
Horses and ponies sold	162	118	28	16	131	92	25	14
Farms with—	474	329	96	49	409	276	87	46
Goats inventory	1 648	1 332	229	87	1 615	1 304	226	85
Farms with—	24	14	10	—	19	9	10	—
Goats sold	111	70	41	—	87	46	41	—
Farms with—	11	5	6	—	10	4	6	—
\$1,000	40	18	22	—	37	(D)	(D)	—
Poultry	1	1	1	—	1	1	1	—
Chickens 3 months old or older inventory	360	240	89	31	288	185	79	24
Farms with—	729 529	284 089	433 296	12 144	727 376	282 254	433 183	11 939
1 to 399	314	203	81	30	242	148	71	23
400 to 3,199	6	6	—	—	6	6	—	—
3,200 to 9,999	28	24	4	—	28	24	4	—
10,000 to 19,999	7	5	1	1	7	5	1	1
20,000 to 49,999	3	2	1	—	3	2	1	—
50,000 to 99,999	1	—	1	—	1	—	1	—
100,000 or more	1	—	1	—	1	—	1	—
Hens and pullets of laying age	341	223	87	31	276	175	77	24
Farms with—	570 742	206 759	351 843	12 140	568 853	205 184	351 730	11 939
Pullets 3 months old or older not of laying age	60	50	9	1	50	41	9	—
Farms with—	158 787	77 330	81 453	4	158 523	77 070	81 453	—

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 number	farms number	farms number	farms number	farms number	farms number	farms number	farms number
POULTRY—Con.								
Chickens 3 months old or older sold	102	81	15	6	95	74	15	6
farms number	904 946	567 190	331 131	6 625	904 597	566 841	331 131	6 625
Broilers and other meat-type chickens sold	1 040	729	276	35	1 033	722	276	35
farms number	148 327 236	88 695 713	55 826 359	3 805 164	148 324 464	88 692 941	55 826 359	3 805 164
Farms with—								
1 to 1,999	21	12	8	1	15	6	8	1
2,000 to 59,999	227	179	35	13	226	178	35	13
60,000 to 99,999	195	157	36	2	195	157	36	2
100,000 or more	597	381	197	19	597	381	197	19
Turkey hens kept for breeding	4	3	—	1	1	1	—	—
farms number	34	(D)	—	(D)	(D)	(D)	—	—
Turkeys sold	11	6	4	1	10	5	4	1
farms number	(D)	(D)	5 620	(D)	(D)	5 620	(D)	
CROPS HARVESTED								
Corn for all purposes	1 695	698	790	207	1 591	617	772	202
farms acres	167 691	31 415	116 899	19 377	166 846	30 862	116 722	19 262
For grain or seed	1 668	686	779	203	1 569	609	762	198
farms acres	157 679	30 087	108 889	18 703	156 876	29 563	108 722	18 591
Irrigated	15 083 997	2 806 411	10 470 057	1 807 529	15 029 165	2 770 482	10 459 908	1 798 775
farms acres	12 176	1 025	10 776	375	12 169	1 025	10 769	375
Farms by acres harvested:								
1 to 24 acres	612	376	163	73	517	301	147	69
25 to 99 acres	608	241	298	69	604	239	297	68
100 to 499 acres	400	66	276	58	400	66	276	58
500 acres or more	48	3	42	3	48	3	42	3
Wheat for grain	384	112	219	53	378	108	218	52
farms acres	16 422	3 023	11 426	1 973	16 375	2 991	11 424	1 960
bushels	576 855	95 949	410 139	70 767	575 483	95 273	410 012	70 198
Irrigated	2	—	2	—	2	—	2	—
farms acres	(D)	—	(D)	—	(D)	—	(D)	—
Farms by acres harvested:								
1 to 24 acres	197	81	91	25	191	77	90	24
25 to 99 acres	153	26	103	24	153	26	103	24
100 to 499 acres	33	5	24	4	33	5	24	4
500 acres or more	1	—	1	—	1	—	1	—
Barley for grain	467	113	297	57	459	109	293	57
farms acres	25 185	3 446	18 946	2 793	25 076	3 393	18 890	2 793
bushels	1 109 242	147 900	834 918	126 424	1 106 236	146 094	833 718	126 424
Irrigated	5	—	4	1	5	—	4	1
farms acres	162	—	(D)	(D)	162	—	(D)	(D)
Soybeans for beans	2 196	977	940	279	2 029	841	922	266
farms acres	263 938	51 160	178 031	34 747	262 181	49 847	177 774	34 560
bushels	7 542 863	1 462 457	5 102 275	978 131	7 502 475	1 431 208	5 096 452	974 815
Irrigated	30	9	20	—	30	9	20	1
farms acres	2 106	(D)	1 641	(D)	2 106	(D)	1 641	(D)
Farms by acres harvested:								
1 to 24 acres	545	397	101	47	386	266	84	36
25 to 99 acres	900	461	314	125	892	456	313	123
100 to 499 acres	663	116	452	95	663	116	452	95
500 acres or more	88	3	73	12	88	3	73	12
Irish potatoes	56	18	31	7	54	16	31	7
farms acres	6 103	514	5 377	213	(D)	(D)	5 377	213
hundredweight	1 269 668	115 896	1 107 550	46 222	(D)	(D)	1 107 550	46 222
Irrigated	27	4	19	4	27	4	19	4
farms acres	4 477	375	3 988	114	4 477	375	3 988	114
Farms by acres harvested:								
0.1 to 0.9 acres	14	9	3	2	12	7	3	2
1.0 to 4.9 acres	7	4	2	1	7	4	2	1
5.0 to 24.9 acres	2	1	1	—	2	1	1	—
25.0 to 99.9 acres	13	2	7	4	13	2	7	4
100.0 acres or more	20	2	18	—	20	2	18	—
Hay crops (see text)	736	369	281	86	617	272	265	80
farms acres	21 794	7 783	11 452	2 559	20 179	6 483	11 285	2 411
tons, dry	46 781	14 194	27 017	5 570	44 276	12 314	26 596	5 366
Irrigated	7	2	4	1	7	2	4	1
farms acres	75	(D)	30	(D)	75	(D)	30	(D)
Farms by acres harvested:								
1 to 24 acres	465	264	157	44	360	178	142	40
25 to 99 acres	237	98	101	38	223	87	100	36
100 to 499 acres	33	7	22	4	33	7	22	4
500 acres or more	1	—	1	—	1	—	1	—
Alfalfa hay	357	159	150	48	312	124	144	44
farms acres	6 912	2 717	3 623	572	6 477	2 369	3 589	519
tons, dry	19 936	5 947	12 270	1 719	19 217	5 447	12 163	1 607
Irrigated	5	1	3	1	5	1	3	1
farms acres	55	(D)	(D)	(D)	55	(D)	(D)	(D)
All vegetables harvested for sale (see text)	388	160	180	48	353	131	178	44
farms acres	41 053	5 920	27 782	7 350	40 952	5 837	27 776	7 339
Irrigated	123	30	76	17	121	29	76	16
farms acres	15 317	2 171	10 850	2 296	(D)	(D)	10 850	(D)
Farms by acres harvested:								
0.1 to 4.9 acres	147	92	39	16	116	67	37	12
5.0 to 24.9 acres	85	40	35	10	81	36	35	10
25.0 to 99.9 acres	77	16	50	11	77	16	50	11
100.0 acres or more	79	12	56	11	79	12	56	11

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
CROPS HARVESTED—Con.								
Land in orchards	58	41	14	3	33	18	12	3
farms	1 113	256	844	13	1 037	185	839	13
acres	3	—	3	—	3	—	3	—
Irrigated	147	—	147	—	147	—	147	—
Farms by acres in orchards:								
0.1 to 4.9 acres	35	26	7	2	19	12	5	2
5.0 to 24.9 acres	16	12	3	1	7	3	3	1
25.0 to 99.9 acres	4	3	1	—	4	3	1	—
100.0 acres or more	3	—	3	—	3	—	3	—

¹1978 data are based on a sample of farms; see text.

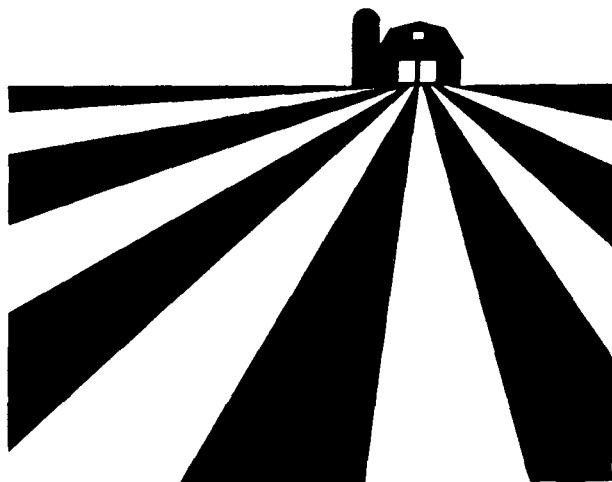
Table 30. Summary by Type of Organization: 1978

(Excludes abnormal forms; see text)

All Farms

	Total	Individual or family	Partnership	Corporation				Other—cooperative, estate or trust, etc.	
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
F FARMS AND LAND IN FARMS									
Forms	3 629	3 178	291	150	134	131	16	12	10
percent	100.0	87.5	8.0	4.1	3.6	3.6	0.4	0.3	0.2
Land in farms	678 224	479 300	83 032	113 978	107 886	96 211	6 092	4 181	1 914
acres	187	151	285	760	805	734	381	348	191
Value of land and buildings ¹	3 630	3 160	311	150	129	127	21	13	9
\$1,000	978 624	722 039	117 201	137 372	130 059	124 409	7 313	4 529	2 012
Average per farm	269 593	228 493	376 852	915 811	1 000 209	979 598	348 223	348 408	223 523
Average per acre	1 496	1 582	1 420	1 210	1 206	1 281	1 284	1 199	1 133
Forms by value of land and buildings:									
\$1 to \$19,999	228	212	16	—	—	—	—	—	—
\$20,000 to \$39,999	365	314	43	8	6	6	2	1	—
\$40,000 to \$69,999	570	527	29	13	8	8	5	—	1
\$70,000 to \$99,999	503	456	31	16	11	11	5	5	—
\$100,000 to \$149,999	480	440	19	15	15	15	—	—	6
\$150,000 to \$199,999	365	318	43	4	3	3	1	1	—
\$200,000 to \$499,999	626	555	41	29	25	24	4	3	1
\$500,000 to \$999,999	307	229	55	22	21	21	1	1	1
\$1,000,000 or more	186	109	34	43	40	39	3	2	—
Owned and rented land by operator:									
Land owned	3 232	2 855	240	129	116	114	13	10	8
acres	425 320	303 872	44 730	74 729	68 874	57 582	5 855	4 280	1 989
Land rented or leased from others	1 495	1 235	168	90	83	81	7	5	2
acres	281 555	200 187	(D)	41 273	39 825	39 342	1 448	1 112	(D)
Land rented or leased to others	430	386	32	11	8	7	3	3	1
acres	28 651	24 759	(D)	2 024	813	713	1 211	1 211	(D)
L LAND IN FARMS ACCORDING TO USE									
Total cropland	3 111	2 692	273	137	124	122	13	10	9
farms	535 636	375 367	69 732	89 391	84 173	77 768	5 218	3 852	1 146
Harvested cropland	2 941	2 533	262	137	124	122	13	10	9
farms	500 026	346 446	66 343	86 208	81 174	74 774	5 034	3 668	1 029
Forms by acres harvested:									
1 to 49 acres	1 283	1 186	71	21	17	17	4	3	5
50 to 99 acres	516	461	41	12	12	12	—	—	2
100 to 199 acres	456	402	40	13	12	11	1	1	—
200 to 499 acres	438	328	68	42	37	37	5	4	—
500 to 999 acres	175	122	35	17	17	17	—	—	1
1,000 to 1,999 acres	65	32	7	26	23	23	3	2	—
2,000 acres or more	8	2	—	6	6	5	—	—	—
Cropland:									
Pasture or grazing only	770	688	56	25	21	21	4	4	1
acres	18 638	16 222	1 565	848	(D)	(D)	(D)	(D)	(D)
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	129	115	7	7	6	—	—	—	—
acres	3 779	2 804	157	818	818	813	—	—	—
On which all crops failed	126	115	9	2	2	—	—	—	—
In cultivated summer fallow	1 805	1 539	211	(D)	(D)	(D)	—	—	2
acres	43	37	3	1	1	—	—	—	(D)
Idle	1 580	902	(D)	(D)	(D)	(D)	—	—	—
acres	416	363	35	17	16	16	1	1	1
acres	9 808	7 454	(D)	967	(D)	(D)	(D)	(D)	(D)
Total woodland	1 743	1 536	127	75	69	67	6	5	5
farms	103 731	75 135	9 205	19 106	18 729	14 203	377	227	285
Woodland pastured	266	237	19	9	7	7	2	2	1
farms	7 770	6 420	(D)	701	(D)	(D)	(D)	(D)	(D)
Woodland not pastured	1 572	1 382	117	69	65	63	4	3	4
farms	95 961	68 715	(D)	18 405	(D)	13 523	(D)	(D)	(D)
Pastureland and rangeland other than cropland and woodland pastured	240	210	21	8	7	7	1	1	1
farms	8 654	6 554	(D)	1 444	(D)	(D)	(D)	(D)	(D)
Land in house lots, ponds, roads, wasteland, etc.	2 375	2 120	162	88	79	76	9	6	5
farms	30 203	22 244	3 532	4 037	3 555	2 811	482	87	390
Pastureland, all types	1 062	939	84	36	30	30	6	6	3
farms	35 062	29 196	2 765	2 993	2 841	152	152	108	—
Irrigated land	253	161	38	52	49	48	3	1	2
farms	33 677	16 088	(D)	14 404	13 672	12 572	732	(D)	(D)
Harvested cropland irrigated	250	159	37	52	49	48	3	1	2
farms	33 381	15 903	(D)	(D)	(D)	(D)	732	(D)	(D)
Pastureland irrigated	9	6	2	1	1	1	—	—	—
farms	196	85	(D)	(D)	(D)	(D)	—	—	—
Other land irrigated	6	6	—	—	—	—	—	—	—
farms	100	100	32	18	17	17	1	1	2
Land set aside in the federal farm programs in 1978	238	186	(D)	1 155	(D)	(D)	(D)	(D)	(D)
farms	5 441	3 247	(D)	—	—	—	—	—	—
RACE AND TENURE OF OPERATOR									
All operators	3 629	3 178	291	150	134	131	16	12	10
number	2 142	1 949	125	60	51	50	9	7	8
Full owners	1 087	903	115	69	65	64	4	3	—
Part owners	400	326	51	21	18	17	3	2	2
Tenants	3 537	3 091	286	150	134	131	16	12	10
White	2 088	1 897	123	60	51	50	9	7	8
number	1 057	876	112	69	65	64	4	3	—
Tenants	392	318	51	21	18	17	3	2	2
Block and other races	92	87	5	—	—	—	—	—	—
number	54	52	2	—	—	—	—	—	—
Full owners	30	27	3	—	—	—	—	—	—
Part owners	8	8	—	—	—	—	—	—	—
Tenants	—	—	—	—	—	—	—	—	—

See footnote at end of table.



1978 CENSUS OF AGRICULTURE

AC78-A-8

Changed January 1981

State and County Data

CHANGE SHEET

Final Report

DELAWARE

Page 5, table 7—expenses for fuel oil, natural gas, kerosene, motor oil, and grease, electricity, and other—coal, wood, coke, etc., should read as follows:

Farms	number.
	dollars.

Farms with expenses of—	
\$1 to \$99
\$100 to \$999
\$1,000 to \$1,999
\$2,000 to \$4,999
\$5,000 or more



U.S. Department of Commerce
BUREAU OF THE CENSUS

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

[Excludes abnormal farms; see text.]

All Farms

	Total	Individual or family	Partnership	Corporation				Other— cooperative, estate or trust, etc.
				Total	Family held		Other than family held	
					Total	10 or less stockholders	Total	10 or less stockholders
F FARMS BY TYPE OF ORGANIZATION								
Individual or family	forms—	3 178	3 178	—	—	—	—	—
acres—	479 300	479 300	—	—	—	—	—	—
Partnership	forms—	291	—	291	—	—	—	—
acres—	83 032	—	83 032	—	—	—	—	—
Corporations:								
Family held	forms—	134	—	134	134	131	—	—
More than 10 stockholders	acres—	107 886	—	107 886	107 886	96 211	—	—
10 or less stockholders	forms—	3	—	3	3	—	—	—
Other than family held	forms—	131	—	131	131	131	—	—
More than 10 stockholders	acres—	6 092	—	6 092	—	—	6 092	4 181
10 or less stockholders	forms—	4	—	4	—	—	4	—
Other—cooperative, estate or trust, etc.	forms—	10	—	10	—	—	—	10
acres—	1 914	—	—	—	—	—	—	1 914
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated		2 753	2 440	208	101	93	8	7
Not on farm operated		486	374	68	39	32	7	4
Operators by age group:								
Under 25 years		122	108	12	2	2	—	—
25 to 34 years		474	426	26	17	16	1	3
35 to 44 years		724	641	54	27	25	2	2
45 to 54 years		870	758	74	36	34	2	1
55 to 64 years		869	732	81	54	44	10	2
65 years and over		570	513	42	14	13	1	1
Average age		49.9	49.8	50.4	51.3	50.8	55.5	60.2
Operators by sex:								
Male		3 399	2 967	277	146	130	16	12
Female		230	211	14	4	4	—	1
Operators of Spanish origin		24	22	2	—	—	—	—
Operators by principal occupation:								
Farming		2 077	1 773	188	112	101	99	11
Other		1 552	1 405	103	38	33	32	5
Operators reporting days off work from farm:								
None		1 574	1 338	140	92	85	7	6
1 to 99 days		340	286	42	9	8	1	3
100 to 199 days		321	290	23	8	7	1	—
200 days or more		1 221	1 111	73	34	30	29	4
F FARMS BY SIZE								
1 to 9 acres		584	548	22	14	11	10	3
10 to 49 acres		891	830	47	12	8	8	4
50 to 69 acres		281	255	19	4	4	—	3
70 to 99 acres		324	291	23	9	9	—	1
100 to 139 acres		301	271	25	4	4	—	1
140 to 179 acres		213	190	18	4	4	—	1
180 to 219 acres		192	172	12	8	8	—	—
220 to 259 acres		134	108	23	3	3	3	—
260 to 499 acres		377	297	45	34	28	28	6
500 to 999 acres		227	162	41	23	23	22	—
1,000 to 1,999 acres		83	47	16	20	17	17	3
2,000 acres or more		22	7	—	15	15	14	—
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)		1 606	1 391	157	52	48	47	4
Field crop, except cash grain farms (013)		81	68	4	9	9	9	—
Cotton farms (0131)		—	—	—	—	—	—	—
Tobacco farms (0132)		—	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		81	68	4	9	9	9	—
Vegetable and melon farms (016)		99	80	7	11	9	9	2
Fruit and tree nut farms (017)		21	18	1	2	2	2	—
Horticultural specialty farms (018)		94	65	14	14	12	12	2
General farms, primarily crop (019)		54	46	6	2	2	2	—
Livestock farms, except dairy, poultry, and animal specialty (021)		333	307	17	8	8	8	—
Beef cattle farms, except feedlots (0212)		74	69	1	4	4	4	1
Dairy farms (024)		162	140	14	8	8	8	—
Poultry and egg farms (025)		1 053	948	64	41	34	32	7
Animal specialty farms (027)		92	90	2	—	—	—	—
General farms, primarily livestock (029)		34	25	5	3	2	2	1
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold	forms—	3 629	3 178	291	150	134	131	12
\$1,000—		325 741	213 390	35 458	76 635	70 837	60 850	5 799
Farms by value of agricultural products sold:		74	33	11	30	29	27	1
\$500,000 or more		315	240	42	33	27	27	—
\$200,000 to \$499,999		557	481	46	29	27	27	5
\$100,000 to \$199,999		621	533	60	27	23	27	1
\$40,000 to \$99,999		424	382	33	9	9	9	4
\$20,000 to \$39,999		411	373	31	6	6	6	—
\$10,000 to \$19,999		425	392	25	6	4	3	2
\$5,000 to \$9,999		358	320	30	4	4	4	—
\$2,500 to \$4,999		444	424	13	6	5	5	4
Less than \$2,500		—	—	—	—	—	—	1

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms**VALUE OF PRODUCTS SOLD—Con.**

Market value of agricultural products sold—Con.

	Total	Individual or family	Partnership	Corporation				Other— cooper- ative, estate or trust, etc.		
				Total	Family held		Other than family held			
					Total	10 or less stockholders	Total	10 or less stockholders		
Grain										
\$1,000— Sales of \$40,000 or more	2 477 71 401	2 131 50 025	225 9 633	11 112 11 653	101 11 013	99 9 991	11 641	9 573	9 90	
Commodity Credit Corporation loans										
\$1,000— \$1,000— Commodity Credit Corporation loans	50 126 82 551	31 527 64 367	7 591 11 68	11 008 11 116	10 400 (D)	9 387 (D)	608 (D)	566 (D)	— — —	
Cotton and cottonseed										
\$1,000— Sales of \$40,000 or more	— —	— —	— <td>—</td> <td>—<td>—</td><td>—<td>—</td><td>—<td>—</td></td></td></td>	—	— <td>—</td> <td>—<td>—</td><td>—<td>—</td></td></td>	—	— <td>—</td> <td>—<td>—</td></td>	—	— <td>—</td>	—
Commodity Credit Corporation loans										
\$1,000— <td>—</td> <td>—<td>—</td><td>—<td>—</td><td>—<td>—</td><td>—<td>—</td></td></td></td></td>	—	— <td>—</td> <td>—<td>—</td><td>—<td>—</td><td>—<td>—</td></td></td></td>	—	— <td>—</td> <td>—<td>—</td><td>—<td>—</td></td></td>	—	— <td>—</td> <td>—<td>—</td></td>	—	— <td>—</td>	—	
Tobacco										
\$1,000— Sales of \$40,000 or more	— —	— —	— <td>—</td> <td>—<td>—</td><td>—<td>—</td><td>—<td>—</td></td></td></td>	—	— <td>—</td> <td>—<td>—</td><td>—<td>—</td></td></td>	—	— <td>—</td> <td>—<td>—</td></td>	—	— <td>—</td>	—
Field seeds, hay, forage, and silage										
\$1,000— Sales of \$40,000 or more	255 821 (D)	207 605 —	32 100 (D)	16 116 (D)	14 (D)	14 (D)	2 (D)	2 (D)	— — —	
Vegetables, sweet corn, and melons										
\$1,000— Sales of \$40,000 or more	387 15 992 68 13 764	308 5 991 32 4 232	45 (D) 13 (D)	33 22 19 8 433	29 19 19 8 078	28 19 19 8 078	4 3 3 355	2 1 1 (D)	1 1 (D) (D)	
Fruits, nuts, and berries										
\$1,000— Sales of \$40,000 or more	56 1 502 5 —	43 133 2 —	6 (D) 2 —	6 808 3 —	6 808 3 —	6 808 3 —	— — — —	— — — —	1 (D) — —	
Nursery and greenhouse products										
\$1,000— Sales of \$40,000 or more	1 300 8 050 31 7 349	112 1 823 13 1 247	78 (D) 9 2 640	17 3 566 9 3 462	15 (D) 9 3 462	13 (D) 9 3 462	2 1 — —	1 1 — —	2 1 (D) (D)	
Other crops										
\$1,000— Sales of \$40,000 or more	50 5 595 28 5 407	42 4 392 21 4 244	1 (D) 1 (D)	7 7 6 (D)	7 7 6 (D)	7 7 6 (D)	— — — —	— — — —	— — — —	
Poultry and poultry products										
\$1,000— Sales of \$40,000 or more	1 203 194 360 961 191 514	1 070 131 111 850 128 430	81 17 119 64 17 009	52 46 130 46 076	45 41 529 40 41 476	43 32 565 38 32 512	7 4 600 7 4 600	6 874 6 874	— — — —	
Dairy products										
\$1,000— Sales of \$40,000 or more	221 11 874 109 10 192	185 9 402 90 7 931	23 1 390 11 1 256	13 1 083 8 1 005	12 (D) 7 (D)	12 1 006 7 928	1 1 1 (D)	1 1 1 (D)	— — — —	
Cattle and calves										
\$1,000— Sales of \$40,000 or more	588 5 882 13 3 270	501 3 100 6 (D)	57 325 1 (D)	30 2 257 6 2 122	28 (D) 5 (D)	28 2 169 5 2 037	2 (D) 1 (D)	2 — 1 —	2 — 1 —	
Hogs and pigs										
\$1,000— Sales of \$40,000 or more	652 8 571 47 5 735	569 5 172 25 2 690	59 2 055 11 1 818	23 (D) 10 (D)	20 1 268 10 1 182	20 1 268 10 1 182	3 11 — —	3 11 — —	3 11 — —	
Sheep, lambs, and wool										
\$1,000— Sales of \$40,000 or more	26 21 —	24 (D) —	2 — —	— <td>—<td>—<td>—<td>—<td>—</td></td></td></td></td>	— <td>—<td>—<td>—<td>—</td></td></td></td>	— <td>—<td>—<td>—</td></td></td>	— <td>—<td>—</td></td>	— <td>—</td>	—	
Other livestock and livestock products (see text)										
\$1,000— Sales of \$40,000 or more	208 1 673 7 687	194 1 617 6 (D)	12 (D) 1 (D)	2 — <td>2 —<td>2 —<td>—<td>—<td>—</td></td></td></td></td>	2 — <td>2 —<td>—<td>—<td>—</td></td></td></td>	2 — <td>—<td>—<td>—</td></td></td>	— <td>—<td>—</td></td>	— <td>—</td>	—	
SELECTED FARM PRODUCTION EXPENSES¹										
Livestock and poultry purchased										
\$1,000—	1 721 37 068	1 509 18 763	131 (D)	80 15 679	70 12 501	68 9 166	10 3 178	9 136	1 (D)	
Farms with expenses of—										
\$1 to \$4,999	657	577	60	19	19	19	—	—	1	
\$5,000 to \$19,999	697	625	42	30	23	23	7	7	—	
\$20,000 to \$49,999	306	277	16	13	11	11	2	2	—	
\$50,000 or more	61	30	13	18	17	15	1	—	—	
Feed for livestock and poultry										
\$1,000—	2 048 120 955	1 797 89 479	165 (D)	84 19 881	73 19 143	72 16 690	11 738	11 738	2 (D)	
Farms with expenses of—										
\$1 to \$4,999	772	679	78	14	12	12	2	2	1	
\$5,000 to \$19,999	196	181	6	8	8	8	—	—	1	
\$20,000 to \$49,999	294	258	23	13	12	12	1	1	—	
\$50,000 or more	786	679	58	49	41	40	8	8	—	
Commercially mixed formula feeds										
\$1,000—	1 597 673 595 117 503	1 420 498 558 87 146	104 (D)	72 109 963 19 327	63 105 791 18 597	62 90 900 16 145	9 4 172 730	9 4 172 730	1 (D)	
Farms by tons purchased:										
1 to 99 tons	504	458	31	14	14	14	—	—	1	
100 to 499 tons	642	581	31	30	23	23	7	7	—	
500 tons or more	451	381	42	28	26	25	2	2	—	
Farms with expenses of—										
\$1 to \$4,999	406	365	28	13	13	13	—	—	—	
\$5,000 to \$19,999	143	138	3	1	1	1	—	—	1	
\$20,000 to \$49,999	276	248	17	11	10	10	1	1	—	
\$50,000 or more	772	669	56	47	39	38	8	8	—	

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				Other—cooperative, estate or trust, etc.	
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
SELECTED FARM PRODUCTION EXPENSES¹ — Con.									
Animal health costs	forms \$1,000	1 562	1 358	132	71	59	57	12	11
Farms with expenses of—		2 456	1 704	(D)	615	578	315	36	16
\$1 to \$499		673	581	71	21	14	14	7	—
\$500 to \$999		465	414	30	21	20	20	1	1
\$1,000 to \$2,999		219	188	21	10	9	9	1	1
\$3,000 or more		205	175	10	19	16	14	3	2
Seeds, bulbs, plants, and trees	forms \$1,000	2 404	2 039	(D)	1 120	106	105	14	7
Farms with expenses of—		5 622	3 436	(D)	1 599	1 544	1 480	55	11
\$1 to \$999		1 499	1 354	107	31	23	23	8	3
\$1,000 to \$4,999		661	520	97	42	38	38	4	4
\$5,000 to \$9,999		144	106	23	15	14	14	1	—
\$10,000 or more		100	59	9	32	31	30	1	—
Commercial fertilizer	forms \$1,000	2 582	2 217	250	112	103	102	9	7
Farms with expenses of—		14 232	9 396	1 790	3 030	2 856	2 656	174	130
\$1 to \$2,499		1 620	1 475	123	21	19	19	2	1
\$2,500 to \$9,999		619	512	74	32	30	30	2	1
\$10,000 to \$19,999		178	135	31	11	10	10	1	1
\$20,000 or more		165	95	22	48	44	43	4	3
Other agricultural chemicals including lime	forms \$1,000	2 629	2 247	246	127	117	116	10	8
Farms with expenses of—		6 917	4 446	845	1 601	1 541	1 391	59	35
\$1 to \$2,499		1 974	1 768	152	46	43	43	3	3
\$2,500 to \$9,999		512	396	71	45	40	40	5	4
\$10,000 to \$19,999		93	62	17	13	12	12	1	1
\$20,000 or more		50	21	6	23	22	21	1	—
Energy and petroleum products	forms \$1,000	3 610	3 140	311	150	129	127	21	13
Farms with expenses of—		10 562	6 935	1 302	2 300	2 099	1 982	202	53
\$1 to \$2,499		2 610	2 365	191	47	34	34	13	7
\$2,500 to \$9,999		791	671	81	38	33	33	5	5
\$10,000 to \$19,999		154	82	30	41	39	39	2	1
\$20,000 or more		55	22	9	24	23	21	1	—
Petroleum products	forms \$1,000	3 608	3 138	311	150	129	127	21	13
Gasoline	forms \$1,000	8 127	5 366	1 041	1 698	1 604	1 562	94	42
Diesel fuel	forms \$1,000	3 398	2 941	302	146	126	124	20	12
LPG gas, butane, and propane	forms \$1,000	3 712	2 655	451	593	547	536	46	19
Fuel oil	forms \$1,000	2 234	1 519	(D)	437	414	388	23	16
Natural gas	forms \$1,000	1 594	1 314	172	106	98	96	8	6
Kerosene, motor oil, and grease	forms \$1,000	590	487	51	50	48	48	2	2
Electricity	forms \$1,000	1 216	655	(D)	465	463	463	(D)	(D)
Other—coal, wood, coke, etc.	forms \$1,000	308	234	40	34	31	30	3	1
Hired farm labor	forms \$1,000	380	132	143	(D)	(D)	(D)	13	(D)
Farms with expenses of—		33	21	10	2	2	2	—	—
\$1 to \$2,499		28	3	14	(D)	(D)	(D)	—	—
\$2,500 to \$9,999		154	82	30	41	39	39	2	1
\$10,000 to \$19,999		55	22	9	24	23	21	1	—
Less than 150 days	workers	14	12	1	1	1	1	—	—
Workers by number of days worked:									
150 days or more	workers	711	545	88	77	71	69	6	4
Less than 150 days	workers	2 074	1 095	255	720	677	645	43	8
Contract labor	forms \$1,000	1 376	1 193	105	77	66	65	11	8
Farms with expenses of—		6 703	4 975	690	1 021	955	953	66	52
\$1 to \$2,499		199	182	8	2	1	1	1	1
\$2,500 to \$9,999		37	22	9	6	5	5	—	—
\$10,000 to \$19,999		14	6	4	4	4	4	—	—
\$20,000 or more		18	12	1	5	5	5	—	—
Customwork, machine hire, and rental of machinery and equipment	forms \$1,000	1 727	1 491	176	58	52	52	6	4
Farms with expenses of—		2 435	1 750	353	331	(D)	(D)	(D)	(D)
\$1 to \$2,499		1 451	1 291	126	32	29	29	3	3
\$2,500 to \$9,999		258	192	48	18	18	18	—	—
\$10,000 to \$19,999		12	5	2	5	3	3	2	—
\$20,000 or more		6	3	—	3	2	2	1	1
FARM-RELATED INCOME									
Income from machine work, customwork, and other agricultural services	forms \$1,000	400	323	44	32	26	25	6	5
Value of agricultural products sold directly to individuals for human consumption	forms \$1,000	1 472	1 132	(D)	156	118	110	38	32
See footnote at end of table.		1 188	561	(D)	325	325	325	—	(D)

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

[Excludes abnormal farms; see text]

All Farms

	Total	Individual or family	Partnership	Total	Corporation			Other— cooperative, estate or trust, etc.	
					Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
VALUE OF MACHINERY AND EQUIPMENT¹									
Estimated market value of all machinery and equipment—farms—\$1,000—	3 629	3 159	311	150	129	127	21	13	9
Farms by value group:	142 763	102 578	16 606	23 253	20 956	18 081	2 297	907	325
\$1 to \$4,999	353	327	25	—	—	—	—	—	1
\$5,000 to \$9,999	773	705	63	5	—	—	5	—	—
\$10,000 to \$19,999	820	740	53	27	21	21	6	6	—
\$20,000 to \$49,999	838	754	63	14	13	13	1	—	7
\$50,000 to \$99,999	457	364	52	41	37	37	4	4	—
\$100,000 to \$199,999	281	213	34	33	30	30	3	2	1
\$200,000 to \$499,999	95	54	19	22	21	21	1	1	—
\$500,000 or more	12	2	2	8	7	5	1	—	—
SELECTED MACHINERY AND EQUIPMENT¹									
Automobiles—farms—	2 589	2 284	190	114	95	94	19	13	1
number—	3 846	3 296	(D)	200	167	166	33	22	(D)
Motortrucks, including pickups—farms—	3 018	2 623	252	141	126	124	15	12	2
number—	6 472	5 047	(D)	704	652	632	52	43	(D)
Wheel tractors—farms—	3 216	2 761	304	142	127	126	15	13	9
number—	8 698	6 810	1 050	821	741	732	80	61	17
2 or 3—farms—	1 479	1 337	107	35	33	33	2	2	—
number—	3 522	3 176	263	83	(D)	(D)	(D)	(D)	—
4 or more—farms—	746	533	123	88	80	79	8	6	2
number—	4 185	2 743	713	719	(D)	(D)	(D)	(D)	(D)
Grain and bean combines, self-propelled only—farms—	1 154	943	125	78	71	70	7	6	8
number—	1 347	1 062	150	127	118	113	9	8	8
Cornpickers, corn heads, and picker-shellers—farms—	1 172	970	126	68	59	58	9	8	8
number—	1 498	1 208	178	104	92	87	12	11	8
Corn heads for combines—farms—	923	745	108	62	54	53	8	7	8
number—	1 033	822	118	85	76	71	9	8	8
Other cornpickers and picker-shellers—farms—	437	369	52	16	13	13	3	3	—
number—	465	386	60	19	16	16	3	3	—
Cottonpickers—farms—	—	—	—	—	—	—	—	—	—
number—	—	—	—	—	—	—	—	—	—
Mower conditioners—farms—	553	472	66	15	14	14	1	1	—
number—	601	512	69	20	(D)	(D)	(D)	(D)	—
Pickup balers—farms—	581	480	75	26	22	22	4	3	—
number—	617	509	82	26	22	22	4	3	—
Field forage harvesters, shear bar or flywheel type—farms—	238	186	42	10	8	8	2	2	—
number—	280	219	47	14	(D)	(D)	(D)	(D)	—
AGRICULTURAL CHEMICALS¹									
Agricultural chemicals, including commercial fertilizer and lime—farms—	2 882	2 475	271	127	117	116	10	8	9
\$1,000—	21 149	13 841	2 635	4 630	4 397	4 047	233	165	43
Commercial fertilizer—farms—	2 537	2 173	249	112	103	102	9	7	3
Lime—acres on which used—	412 690	279 095	53 513	79 215	74 765	68 465	4 450	3 085	867
farms—	1 194	976	133	82	75	74	7	5	3
acres on which used—	108 755	68 084	14 780	25 755	23 621	21 721	2 134	954	136
tons—	114 292	72 091	14 674	27 391	25 132	22 982	2 259	954	136
Sprays, dusts, granules, fumigants, etc. to control—	—	—	—	—	—	—	—	—	—
Insects on hay and other crops—farms—	1 146	968	118	53	48	47	5	3	7
acres on which used—	187 234	119 151	24 722	42 409	39 470	33 170	2 939	1 569	952
Nematodes in crops—farms—	122	85	23	8	7	6	1	—	6
Diseases in crops and orchards—farms—	16 933	10 405	1 375	4 913	(D)	755	(D)	(D)	240
acres on which used—	126	85	20	20	18	18	2	—	1
Weeds, grass, or brush in crops and pasture—farms—	15 777	5 823	(D)	5 464	(D)	4 807	(D)	(D)	—
acres on which used—	2 014	1 710	189	106	100	99	6	5	9
acres on which used—	360 726	238 571	51 883	69 100	66 292	59 992	2 808	1 781	1 172
Chemicals for—	—	—	—	—	—	—	—	—	—
Defoliation or for growth control of crops, or thinning of fruit—farms—	83	66	6	11	11	11	—	—	—
acres on which used—	3 600	2 373	162	1 065	1 065	1 065	—	—	—
Insect control on livestock and poultry—farms—	511	417	59	34	31	30	3	3	1
Sanitation and rodent and bird control—farms—	563	487	44	31	29	28	2	1	1
LIVESTOCK									
Cattle and calves inventory—farms—	715	628	60	27	26	26	1	1	—
number—	29 123	22 200	2 989	(D)	3 850	3 850	(D)	(D)	—
Farms with—	—	—	—	—	—	—	—	—	—
1 to 9—	293	270	17	6	6	6	—	—	—
10 to 49—	247	218	25	4	4	4	—	—	—
50 to 99—	84	66	9	9	8	8	1	1	—
100 to 199—	66	56	5	5	5	5	—	—	—
200 to 499—	24	18	4	2	2	2	—	—	—
500 or more—	1	—	—	1	1	1	—	—	—
Cows and heifers that had calved—farms—	571	503	45	23	22	22	1	1	—
number—	15 055	11 655	1 740	(D)	1 610	1 610	(D)	(D)	—
Beef cows—farms—	311	278	21	12	11	11	1	1	—
number—	4 158	3 019	366	(D)	723	723	(D)	(D)	—
Farms with—	—	—	—	—	—	—	—	—	—
1 to 9—	209	194	11	4	4	4	—	—	—
10 to 49—	87	74	8	5	5	5	—	—	—
50 to 99—	9	6	2	1	—	—	1	1	—
100 to 199—	4	3	—	1	1	1	—	—	—
200 to 499—	2	1	—	1	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**LIVESTOCK—Con.**

Cattle and calves inventory—Con.

Cows and heifers that had calved—Con.

	Total	Individual or family	Partnership	Corporation				Other— cooper- ative, estate or trust, etc.
				Total	Family held		Other than family held	
					Total	10 or less stockholders	Total	10 or less stockholders
Milk cows	317	278	27	12	12	12	—	—
Farms with—	10 897	8 636	1 374	887	887	887	—	—
1 to 4	103	99	4	—	—	—	—	—
5 to 9	18	15	3	—	—	—	—	—
10 to 49	106	91	11	4	4	4	—	—
50 to 99	60	52	4	4	4	4	—	—
100 to 199	28	20	4	4	4	4	—	—
200 to 499	2	1	1	—	—	—	—	—
500 or more	—	—	—	—	—	—	—	—
Heifers and heifer calves	456	398	40	18	17	17	1	1
Farms with—	9 109	7 049	891	(D)	1 146	1 146	(D)	(D)
\$1,000	—	—	—	—	—	—	—	—
Steers, steer calves, bulls, and bull calves	495	436	40	19	18	18	1	1
Farms with—	4 959	3 496	358	(D)	1 094	1 094	(D)	(D)
Cattle and calves sold	588	501	57	30	28	28	2	2
Farms with—	17 091	10 639	1 520	(D)	4 745	4 745	(D)	(D)
\$1,000	5 882	3 100	525	2 257	2 169	2 169	88	88
Calves	395	338	39	18	16	16	2	2
Farms with—	7 226	5 452	541	(D)	1 169	1 169	(D)	(D)
\$1,000	926	737	45	(D)	129	129	(D)	(D)
Cattle	470	401	45	24	22	22	2	2
Farms with—	9 865	5 187	979	(D)	3 576	3 576	(D)	(D)
\$1,000	4 956	2 363	480	(D)	2 040	2 040	(D)	(D)
Fattened on grain and concentrates	135	114	14	7	7	7	—	—
Farms with—	5 593	1 702	631	3 260	3 260	3 260	—	—
\$1,000	3 124	844	350	1 929	1 929	1 929	—	—
Hogs and pigs inventory	669	589	54	25	22	22	3	3
Farms with—	62 428	40 464	(D)	9 508	9 390	9 390	118	118
\$1,000	—	—	—	—	—	—	(D)	(D)
1 to 9	188	177	9	2	2	2	—	—
10 to 49	291	269	18	4	3	3	1	1
50 to 99	89	73	8	8	6	6	2	2
100 to 199	37	31	5	1	1	1	—	—
200 to 499	37	25	8	3	3	3	—	1
500 or more	27	14	6	7	7	7	—	—
Used or to be used for breeding	506	445	39	21	18	18	3	3
Farms with—	10 726	7 188	(D)	(D)	1 796	1 796	(D)	(D)
Other	574	502	48	23	21	21	2	2
Farms with—	51 702	33 276	(D)	(D)	7 594	7 594	(D)	(D)
Hogs and pigs sold	652	569	59	23	20	20	3	3
Farms with—	103 175	65 063	(D)	15 710	15 576	15 576	134	134
\$1,000	8 571	5 172	(D)	1 278	1 268	1 268	11	11
Feeder pigs sold	278	245	22	10	8	8	2	2
Farms with—	33 426	21 765	(D)	(D)	6 266	6 266	(D)	(D)
\$1,000	1 382	855	(D)	(D)	276	276	(D)	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	522	460	40	21	18	18	3	3
Farms with—	13 095	8 547	(D)	2 193	2 177	2 177	16	16
Dec. 1 and May 31	454	400	34	19	17	17	2	2
Farms with—	5 993	3 744	(D)	(D)	1 088	1 088	(D)	(D)
June 1 and Nov. 30	459	401	37	20	17	17	3	3
Farms with—	7 102	4 803	(D)	(D)	1 089	1 089	(D)	(D)
Sheep and lambs of all ages inventory	32	30	2	—	—	—	—	—
Farms with—	546	(D)	(D)	—	—	—	—	—
Ewes 1 year old or older	26	24	2	—	—	—	—	—
Farms with—	370	(D)	(D)	—	—	—	—	—
Sheep and lambs sold	23	22	1	—	—	—	—	—
Farms with—	416	(D)	(D)	—	—	—	—	—
Sheep and lambs shorn	21	19	2	—	—	—	—	—
Farms with—	420	(D)	(D)	—	—	—	—	—
Pounds of wool	2 984	(D)	(D)	—	—	—	—	—
Horses and ponies inventory	547	501	31	14	13	13	1	1
Farms with—	3 455	3 133	252	47	46	46	(D)	(D)
Horses and ponies sold	162	153	8	1	1	1	—	—
Farms with—	474	449	(D)	(D)	(D)	(D)	—	—
\$1,000	1 648	1 592	(D)	(D)	(D)	(D)	—	—
Goats inventory	24	22	1	1	1	1	—	—
Farms with—	111	109	(D)	(D)	(D)	(D)	—	—
Goats sold	11	11	—	—	—	—	—	—
Farms with—	40	40	(D)	(D)	(D)	(D)	—	—
\$1,000	1	1	—	—	—	—	—	—
POULTRY								
Chickens 3 months old or older inventory	360	325	21	13	13	12	—	1
Farms with—	729 529	298 996	(D)	416 999	416 999	124 565	—	(D)
1 to 399	314	286	20	7	7	7	—	1
400 to 3,199	6	6	—	—	—	—	—	—
3,200 to 9,999	28	26	—	2	2	2	—	—
10,000 to 19,999	7	5	1	1	1	1	—	—
20,000 to 49,999	3	2	—	1	1	1	—	—
50,000 to 99,999	1	—	—	1	1	1	—	—
100,000 or more	1	—	—	1	1	1	—	—
Hens and pullets of laying age	341	306	21	13	13	12	—	1
Farms with—	570 742	221 709	(D)	335 625	335 625	110 545	—	(D)
Pullets 3 months old or older not of laying age	60	54	3	3	3	2	—	—
Farms with—	158 787	77 287	126	81 374	81 374	(D)	—	—

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						Other—cooperative, estate or trust, etc.	
				Total	Family held		Other than family held				
					Total	10 or less stockholders	Total	10 or less stockholders			
POULTRY—Con.											
Chickens 3 months old or older sold	farms number	102 904 946	89 574 481	7 10 225	6 320 240	6 320 240	5 91 400	— —	— —	— —	
Broilers and other meat-type chickens sold	farms number	1 040 148 327 236	929 113 589 444	71 15 354 179	40 19 383 613	34 18 588 633	33 17 292 233	6 794 980	6 794 980	6 —	
Farms with—											
1 to 1,999		21	18	3	—	—	—	—	—	—	
2,000 to 59,999		227	217	6	4	3	3	1	1	—	
60,000 to 99,999		195	178	12	5	3	3	2	2	—	
100,000 or more		597	516	50	31	28	27	3	3	—	
Turkey hens kept for breeding	farms number	4 34	3 (D)	1 (D)	— —	— —	— —	— —	— —	— —	
Turkeys sold	farms number	11 (D)	7 (D)	2 (D)	2 (D)	2 (D)	2 (D)	— —	— —	— —	
CROPS HARVESTED											
Corn for all purposes	farms acres	1 695 167 691	1 432 113 602	170 23 539	88 30 308	78 28 582	76 23 946	10 1 726	8 1 373	5 242	
For grain or seed	farms acres	1 668 157 679	1 408 107 646	168 22 634	87 27 157	77 25 431	75 20 795	10 1 726	8 1 373	5 242	
Irrigated	farms acres	15 083 997 79	10 194 769 43	2 222 146 12	2 638 855 22	2 445 299 20	2 062 140 19	193 556 19	157 554 2	28 227 (D)	
Farms by acres harvested:											
1 to 24 acres		612	563	43	6	6	6	—	—	—	
25 to 99 acres		608	533	44	26	24	23	2	2	5	
100 to 499 acres		400	285	74	41	33	33	8	6	—	
500 acres or more		48	27	7	14	14	13	—	—	—	
Wheat for grain	farms acres	384 16 422	310 12 706	44 (D)	29 1 694	26 1 589	26 1 589	3 105	3 105	1 (D)	
Irrigated	farms acres	576 855 2	446 297 (D)	57 —	201 —	52 52 794	52 52 794	4 407 4 407	4 407 4 407	— (D)	
Farms by acres harvested:											
1 to 24 acres		197	167	20	9	8	8	1	1	1	
25 to 99 acres		153	119	19	15	13	13	2	2	—	
100 to 499 acres		33	23	5	5	5	5	—	—	—	
500 acres or more		1	1	—	—	—	—	—	—	—	
Barley for grain	farms acres	467 25 185	364 17 116	61 3 770	42 4 299	39 4 182	38 3 772	3 117	3 117	— —	
Irrigated	farms acres	1 109 242 5	730 973 162	180 508 (D)	197 761 (D)	190 656 (D)	174 768 (D)	7 105 7 105	7 105 7 105	— —	
Soybeans for beans	farms acres	2 196 263 938	1 882 190 727	199 34 569	106 38 017	97 36 227	95 34 468	9 1 790	8 1 744	9 625	
Irrigated	farms acres	7 542 863 30	5 468 830 23	987 877 1	1 076 968 1	1 018 102 968 543	58 866 58 866	57 573 57 573	9 188 9 188	— —	
Farms by acres harvested:											
1 to 24 acres		545	513	22	7	6	5	1	1	3	
25 to 99 acres		900	813	64	19	17	17	2	1	4	
100 to 499 acres		663	506	99	56	50	50	6	6	2	
500 acres or more		88	50	14	24	24	23	—	—	—	
Irish potatoes	farms acres	56 6 103	48 4 769	2 (D)	6 (D)	6 (D)	6 (D)	— —	— —	— —	
Irrigated	hundredweight acres	1 269 668 27	987 981 20	180 508 1	197 761 1	190 656 6	174 768 6	7 105 7 105	7 105 7 105	— —	
Farms by acres harvested:											
0.1 to 0.9 acres		14	13	1	—	—	—	—	—	—	
1.0 to 4.9 acres		7	7	—	—	—	—	—	—	—	
5.0 to 24.9 acres		2	2	—	—	—	—	—	—	—	
25.0 to 99.9 acres		13	12	1	—	—	—	—	—	—	
100.0 acres or more		20	14	—	6	6	6	—	—	—	
Hay crops (see text)	farms acres	736 21 794	639 17 753	66 2 442	31 1 599	29 (D)	29 (D)	2 (D)	2 (D)	— (D)	
Irrigated	tons, dry farms acres	46 781 75	37 170 (D)	5 525 —	4 086 —	(D) —	(D) —	— —	— —	— —	
Farms by acres harvested:											
1 to 24 acres		465	418	34	13	12	12	1	1	—	
25 to 99 acres		237	195	29	13	12	12	1	1	—	
100 to 499 acres		33	25	3	5	5	5	—	—	—	
500 acres or more		1	1	—	—	—	—	—	—	—	
Alfalfa hay	farms acres	357 6 912	298 5 368	38 904	21 640	20 (D)	20 (D)	1 (D)	1 (D)	— (D)	
Irrigated	tons, dry farms acres	19 936 55	14 607 (D)	3 081 (D)	2 248 —	(D) —	(D) —	— —	— —	— —	
All vegetables harvested for sale (see text)	farms acres	398 41 053	309 17 030	45 4 707	33 (D)	29 17 447	28 17 442	4 (D)	2 (D)	1 (D)	
Irrigated	acres	123 15 317	80 5 958	19 1 525	23 (D)	21 7 083	21 7 083	2 (D)	1 (D)	1 (D)	
Farms by acres harvested:											
0.1 to 4.9 acres		147	137	10	—	—	—	—	—	—	
5.0 to 24.9 acres		85	73	10	2	2	1	—	—	—	
25.0 to 99.9 acres		77	58	11	8	8	8	—	—	—	
100.0 acres or more		79	41	14	23	19	19	4	2	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				Other—cooperative, estate or trust, etc.	
				Family held		Other than family held			
				Total	10 or less stockholders	Total	10 or less stockholders		
CROPS HARVESTED—Con.									
Land in orchards	farms	58	48	5	4	4	—	—	
	acres	1 113	165	326	(D)	(D)	—	(D)	
Irrigated	farms	3	—	1	2	2	—	—	
	acres	147	—	(D)	(D)	(D)	—	—	
Farms by acres in orchards:									
0.1 to 4.9 acres		35	33	2	—	—	—	—	
5.0 to 24.9 acres		16	15	1	—	—	—	—	
25.0 to 99.9 acres		4	—	1	2	2	—	1	
100.0 acres or more		3	—	1	2	2	—	—	

¹1978 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	Total	Farming						65 years and over	
		Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
F FARMS AND LAND IN FARMS									
Farms	3 629	2 077	73	232	328	473	522	449	
percent..	100.0	57.2	2.0	6.3	9.0	13.0	14.3	12.3	
Land in farms	678 224	560 973	14 257	48 698	105 877	166 215	150 400	75 526	
Average size of farm	acres..	187	270	195	210	323	351	288	
Value of land and buildings ¹	farms..	3 630	2 152	77	260	338	489	518	
\$1,000..	\$1,000..	978 624	790 470	50 408	99 726	139 542	227 950	191 110	
Average per farm	dollars..	269 593	367 318	654 647	383 561	412 844	466 155	368 938	
Average per acre	dollars..	1 496	1 448	3 265	1 857	1 231	1 497	1 421	
Farms by value of land and buildings:									
\$1 to \$19,999		228	89	1	—	6	1	37	
\$20,000 to \$39,999		365	160	8	26	11	20	34	
\$40,000 to \$69,999		570	283	—	44	20	38	67	
\$70,000 to \$99,999		503	242	11	26	22	63	70	
\$100,000 to \$149,999		480	278	22	27	60	65	63	
\$150,000 to \$199,999		365	194	5	22	33	55	55	
\$200,000 to \$499,999		626	472	13	51	82	115	118	
\$500,000 to \$999,999		307	259	7	37	74	74	62	
\$1,000,000 or more		186	175	10	27	30	58	42	
Owned and rented land by operator:									
Land owned	farms..	3 232	1 844	37	177	286	432	488	
acres..	acres..	425 320	334 675	4 830	19 780	52 915	87 413	103 487	
Land rented or leased from others	farms..	1 495	1 028	59	140	198	275	249	
acres..	acres..	281 555	245 288	9 472	29 652	54 584	81 224	54 307	
Land rented or leased to others	farms..	430	240	3	19	26	38	64	
acres..	acres..	28 651	18 990	45	734	1 622	2 422	7 394	
L LAND IN FARMS ACCORDING TO USE									
Total cropland	farms..	3 111	1 838	67	181	296	426	471	
acres..	acres..	535 636	453 569	11 801	41 814	91 939	137 535	116 464	
Harvested cropland	farms..	2 941	1 796	66	175	290	419	460	
acres..	acres..	500 026	426 469	11 279	40 084	88 689	129 281	109 299	
Farms by acres harvested:									
1 to 49 acres		1 283	567	25	50	75	99	115	
50 to 99 acres		516	269	11	19	36	61	71	
100 to 199 acres		456	348	15	39	45	71	108	
200 to 499 acres		438	375	10	46	73	106	108	
500 to 999 acres		175	167	3	18	43	58	41	
1,000 to 1,999 acres		65	62	2	2	16	23	15	
2,000 acres or more		8	8	—	1	2	1	2	
Cropland:									
Pasture or grazing only	farms..	770	441	11	34	68	111	128	
acres..	acres..	18 638	13 629	157	816	1 162	4 029	3 902	
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms..	129	89	2	4	8	24	25	
acres..	acres..	3 779	3 176	(D)	(D)	(D)	1 095	528	
On which all crops failed	farms..	126	75	2	5	13	20	19	
acres..	acres..	1 805	1 459	(D)	88	161	295	344	
In cultivated summer fallow	farms..	43	26	—	2	2	7	10	
acres..	acres..	1 580	1 381	—	(D)	(D)	685	381	
Idle	farms..	416	265	8	25	40	74	68	
acres..	acres..	9 808	7 455	285	525	1 613	2 150	2 010	
Total woodland	farms..	1 743	1 077	24	78	155	248	293	
acres..	acres..	103 731	78 782	1 316	5 250	10 218	19 181	26 425	
Woodland pastured	farms..	266	167	2	11	18	40	45	
acres..	acres..	7 770	5 530	12	776	410	1 675	1 318	
Woodland not pastured	farms..	1 572	968	23	73	145	228	265	
acres..	acres..	95 961	73 252	1 304	4 474	9 808	17 506	25 107	
Pastureland and rangeland other than cropland and woodland pastured	farms..	240	163	10	17	18	36	35	
acres..	acres..	8 654	7 215	368	393	1 509	3 064	896	
Land in house lots, ponds, roads, wasteland, etc.	farms..	2 375	1 312	25	132	194	311	330	
acres..	acres..	30 203	21 407	772	1 241	2 211	6 435	6 615	
Pastureland, all types	farms..	1 062	632	22	49	92	153	164	
acres..	acres..	35 062	26 374	537	1 985	3 081	8 768	6 116	
Irrigated land	farms..	253	206	9	30	44	62	48	
acres..	acres..	33 677	31 937	721	3 709	6 572	12 165	6 844	
Harvested cropland irrigated	farms..	250	205	8	30	44	62	48	
acres..	acres..	33 381	31 703	(D)	3 709	6 397	(D)	(D)	
Pastureland irrigated	farms..	9	4	1	—	1	1	—	
acres..	acres..	196	151	(D)	—	(D)	(D)	(D)	
Other land irrigated	farms..	6	3	—	—	2	1	—	
acres..	acres..	100	83	—	—	(D)	(D)	—	
Land set aside in the federal farm programs in 1978	farms..	238	189	6	19	43	55	40	
acres..	acres..	5 441	4 897	262	462	1 356	1 634	897	
R RACE AND TENURE OF OPERATOR									
All operators	number..	3 629	2 077	73	232	328	473	522	
Full owners	number..	2 142	1 054	14	92	131	200	274	
Part owners	number..	1 087	788	23	85	155	232	214	
Tenants	number..	400	235	36	55	42	41	34	
White	number..	3 537	2 037	73	229	322	469	511	
Full owners	number..	2 088	1 034	14	92	127	199	273	
Part owners	number..	1 057	773	23	84	155	229	205	
Tenants	number..	392	230	36	53	40	41	33	
Block and other races	number..	92	40	—	3	6	4	11	
Full owners	number..	54	20	—	—	4	1	1	
Part owners	number..	30	15	—	1	—	3	9	
Tenants	number..	8	5	—	2	2	—	1	

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	Other occupations					
		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
F FARMS AND LAND IN FARMS							
Farms	1 552	49	242	396	397	347	121
number	1 552	49	242	396	397	347	121
percent	42.7	1.3	6.6	10.9	10.9	9.5	3.3
Land in farms	117 251	1 674	12 576	26 637	35 367	32 444	8 553
acres	117 251	1 674	12 576	26 637	35 367	32 444	8 553
Average size of farm	76	34	52	67	89	93	71
Value of land and buildings ¹	1 478	46	238	340	386	346	122
farms	1 478	46	238	340	386	346	122
\$1,000	188 154	2 268	24 001	36 795	66 167	48 460	10 463
Average per farm	127 303	49 298	100 845	108 220	171 417	140 056	85 761
dollars	127 303	49 298	100 845	108 220	171 417	140 056	85 761
Average per acre	1 736	1 448	2 011	1 847	1 764	1 769	1 042
Farms by value of land and buildings:							
\$1 to \$19,999	139	13	33	21	35	28	9
\$20,000 to \$39,999	205	—	9	57	67	52	20
\$40,000 to \$69,999	287	21	57	64	41	73	31
\$70,000 to \$99,999	261	6	61	40	48	72	34
\$100,000 to \$149,999	202	5	29	68	50	39	11
\$150,000 to \$199,999	171	1	16	59	54	36	5
\$200,000 to \$499,999	154	—	31	27	63	22	11
\$500,000 to \$999,999	48	—	2	3	20	22	1
\$1,000,000 or more	11	—	—	1	8	2	—
Owned and rented land by operator:							
Land owned	1 388	22	207	351	370	324	114
farms	1 388	22	207	351	370	324	114
acres	90 645	424	7 766	17 834	26 688	29 222	8 711
Land rented or leased from others	467	29	79	140	123	79	17
farms	467	29	79	140	123	79	17
acres	36 267	1 307	5 518	9 859	12 060	6 103	1 420
Land rented or leased to others	190	2	17	34	51	62	24
farms	190	2	17	34	51	62	24
acres	9 661	57	708	1 056	3 381	2 881	1 578
L LAND IN FARMS ACCORDING TO USE							
Total cropland	1 273	33	195	324	330	283	108
farms	1 273	33	195	324	330	283	108
acres	82 067	1 397	8 565	19 404	26 249	21 153	5 299
Harvested cropland	1 145	28	156	288	303	263	107
farms	1 145	28	156	288	303	263	107
acres	73 557	1 356	7 822	17 703	23 147	18 659	4 870
Farms by acres harvested:							
1 to 49 acres	716	17	103	188	178	152	78
50 to 99 acres	247	7	33	50	75	63	19
100 to 199 acres	108	4	16	32	29	24	3
200 to 499 acres	63	—	3	15	18	21	6
500 to 999 acres	8	—	—	3	2	2	1
1,000 to 1,999 acres	3	—	1	—	1	1	—
2,000 acres or more	—	—	—	—	—	—	—
Cropland:							
Pasture or grazing only	329	2	70	87	78	79	13
farms	329	2	70	87	78	79	13
acres	5 009	(D)	(D)	987	1 891	1 232	359
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	40	—	3	14	10	11	2
farms	40	—	3	14	10	11	2
acres	603	—	87	128	63	317	8
On which all crops failed	51	—	3	22	16	10	—
farms	51	—	3	22	16	10	—
In cultivated summer fallow	346	—	49	119	103	75	—
farms	346	—	49	119	103	75	—
acres	17	—	3	3	6	4	1
Idle	199	—	14	24	114	23	24
farms	199	—	14	24	114	23	24
acres	151	8	11	33	52	38	9
2 353	31	63	443	931	847	38	—
Total woodland	666	12	75	166	174	178	61
farms	666	12	75	166	174	178	61
acres	24 949	165	2 349	4 767	6 368	8 954	2 346
Woodland pastured	99	1	12	28	27	21	10
farms	99	1	12	28	27	21	10
acres	2 240	(D)	(D)	530	409	977	204
Woodland not pastured	604	—	67	150	159	165	51
farms	604	—	67	150	159	165	51
acres	22 709	(D)	(D)	4 237	5 959	7 977	2 142
Pastureland and rangeland other than cropland and woodland pastured	77	—	9	16	27	16	9
farms	77	—	9	16	27	16	9
acres	1 439	—	98	148	618	444	131
Land in house lots, ponds, roads, wasteland, etc.	1 063	30	175	283	264	238	73
farms	1 063	30	175	283	264	238	73
acres	8 796	112	1 564	2 318	2 132	1 893	777
Pastureland, all types	430	2	80	110	110	99	29
farms	430	2	80	110	110	99	29
acres	8 688	(D)	(D)	1 665	2 918	2 653	694
Irrigated land	47	1	3	9	16	13	5
farms	47	1	3	9	16	13	5
acres	1 740	(D)	(D)	69	712	919	17
Harvested cropland irrigated	45	1	3	8	16	13	4
farms	45	1	3	8	16	13	4
acres	1 678	(D)	(D)	63	661	919	12
Pastureland irrigated	5	—	—	2	3	—	—
farms	5	—	—	2	3	—	—
acres	45	—	—	(D)	(D)	—	—
Other land irrigated	3	—	—	—	2	—	1
farms	3	—	—	—	2	—	1
acres	17	—	—	—	(D)	—	(D)
Land set aside in the federal farm programs in 1978	49	3	4	11	17	12	2
farms	49	3	4	11	17	12	2
acres	544	19	19	75	153	(D)	(D)
RACE AND TENURE OF OPERATOR							
All operators	1 552	49	242	396	397	347	121
number	1 552	49	242	396	397	347	121
Full owners	1 088	20	163	257	275	269	104
number	1 088	20	163	257	275	269	104
Part owners	299	2	44	94	94	55	10
number	299	2	44	94	94	55	10
Tenants	165	27	35	45	28	23	7
number	165	27	35	45	28	23	7
White	1 500	49	239	386	384	328	114
number	1 500	49	239	386	384	328	114
Full owners	1 054	20	162	253	268	254	97
Part owners	284	2	42	69	89	52	10
Tenants	162	27	35	44	27	22	7
Black and other races	52	—	3	10	13	19	7
number	52	—	3	10	13	19	7
Full owners	34	—	1	4	7	15	7
Part owners	15	—	2	5	5	3	—
Tenants	3	—	—	1	1	1	—

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	Forming							65 years and over	
		Age of operator								
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
F FARMS BY TYPE OF ORGANIZATION										
Individual or family	farms acres	3 178 479 300	1 773 385 394	60 8 830	202 35 048	273 71 489	396 121 827	436 97 355	406 50 845	
Partnership	farms acres	291 83 032	188 70 372	11 3 402	18 5 765	28 13 262	48 18 210	49 21 541	34 8 192	
C CORPORATIONS:										
Family held	farms acres	134 107 886	101 98 132	2 (D)	10 (D)	24 20 574	27 23 766	30 28 074	8 16 198	
More than 10 stockholders	farms acres	3 131	2 99	— 2	— 10	— 24	1 26	— 30	1 7	
10 or less stockholders	farms acres	— 16	— 11	— —	— (D)	— (D)	— (D)	— 3 430	— (D)	
Other than family held	farms acres	6 092 4	5 631 3	— —	— 1	— 1	— 1	— 1	— —	
More than 10 stockholders	farms acres	— 12	— 8	— —	— —	— —	— —	— 7	— 1	
10 or less stockholders	farms acres	— 10	— 4	— —	— 1	— 2	— 1	— —	— —	
Other—cooperative, estate or trust, etc.	farms acres	— 1 914	— 1 444	— —	— (D)	— (D)	— (D)	— —	— —	
O OPERATOR CHARACTERISTICS										
Operators by place of residence:										
On farm operated		2 753	1 631	45	150	260	375	436	365	
Not on farm operated		486	234	23	54	37	48	44	28	
Operators by age group:										
Under 25 years		122	73	73	—	—	—	—	—	
25 to 34 years		474	232	—	232	—	—	—	—	
35 to 44 years		724	328	—	—	328	—	—	—	
45 to 54 years		870	473	—	—	—	473	—	—	
55 to 64 years		869	522	—	—	—	—	522	—	
65 years and over		570	449	—	—	—	—	—	449	
Average age		49.9	52.2	22.0	29.8	39.4	49.9	59.5	72.1	
Operators by sex:										
Male		3 399	1 953	72	213	306	456	490	416	
Female		230	124	1	19	22	17	32	33	
Operators of Spanish origin		24	14	—	1	—	5	2	6	
Operators by principal occupation:										
Forming		2 077	2 077	73	232	328	473	522	449	
Other		1 552	—	—	—	—	—	—	—	
Operators reporting days of work off form:										
None		1 574	1 384	41	121	194	296	362	370	
1 to 99 days		340	273	14	56	60	58	62	23	
100 to 199 days		321	117	6	21	22	40	24	4	
200 days or more		1 221	130	6	23	31	35	25	10	
F FARMS BY SIZE										
1 to 9 acres		584	252	7	57	35	51	50	52	
10 to 49 acres		891	343	18	28	49	60	65	123	
50 to 69 acres		281	119	5	15	18	24	29	28	
70 to 99 acres		324	151	7	14	22	23	33	52	
100 to 139 acres		301	182	6	16	25	34	55	46	
140 to 179 acres		213	147	8	14	12	30	36	47	
180 to 219 acres		192	149	7	15	20	37	37	33	
220 to 259 acres		134	109	1	9	17	24	41	17	
260 to 499 acres		377	315	6	37	55	83	97	37	
500 to 999 acres		227	209	5	21	53	69	56	5	
1,000 to 1,999 acres		83	81	3	4	19	30	19	6	
2,000 acres or more		22	20	—	2	3	8	4	3	
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)										
Cash grain farms (011)		1 606	911	36	93	124	180	239	239	
Field crop, except cash grain farms (013)		81	45	1	3	5	18	13	5	
Cotton farms (0131)		—	—	—	—	—	—	—	—	
Tobacco farms (0132)		—	—	—	—	—	—	—	—	
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		81	45	1	3	5	18	13	5	
Vegetable and melon farms (016)		99	66	5	5	17	19	15	5	
Fruit and tree nut farms (017)		21	14	—	1	2	—	3	8	
Horticultural specialty farms (018)		94	57	1	6	12	19	13	6	
General farms, primarily crop (019)		54	26	1	1	1	7	7	9	
Livestock farms, except dairy, poultry, and animal specialty (021)		333	153	5	25	18	21	22	62	
Beef cattle farms, except feedlots (0212)		74	40	1	11	3	3	9	13	
Dairy farms (024)		162	147	4	14	30	41	38	20	
Poultry and egg farms (025)		1 053	616	19	81	113	155	160	88	
Animal specialty farms (027)		92	18	1	1	4	5	4	3	
General farms, primarily livestock (029)		34	24	—	2	2	8	8	4	
VALUE OF AGRICULTURAL PRODUCTS SOLD										
Market value of agricultural products sold	forms \$1,000	3 629	2 077	73	232	328	473	522	449	
Farms by value of agricultural products sold:		325 741	240 564	7 199	31 768	50 399	72 077	55 411	23 710	
\$500,000 or more		74	64	3	7	17	23	10	4	
\$200,000 to \$499,999		315	263	5	28	65	82	70	13	
\$100,000 to \$199,999		557	385	12	53	68	101	121	30	
\$40,000 to \$99,999		621	412	14	55	67	113	103	60	
\$20,000 to \$39,999		424	285	14	32	33	65	82	59	
\$10,000 to \$19,999		411	212	7	29	25	30	53	68	
\$5,000 to \$9,999		425	212	8	22	20	27	41	94	
\$2,500 to \$4,999		358	128	7	5	15	15	22	64	
Less than \$2,500		444	116	3	1	18	17	20	57	

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						
	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
F FARMS BY TYPE OF ORGANIZATION							
Individual or family	1 405	48	224	368	362	296	107
farms							
acres	93 906	(D)	(D)	23 118	28 464	24 251	6 939
Partnership	103	1	10	26	26	32	8
farms							
acres	12 660	(D)	(D)	3 505	3 611	3 322	337
Corporations:							
Family held	33	—	6	1	7	14	5
farms							
acres	9 754	—	1 115	(D)	(D)	(D)	(D)
More than 10 stockholders	1	—	1	—	—	—	—
10 or less stockholders	32	—	5	1	7	14	5
Other than family held	5	—	—	1	1	3	—
farms							
acres	461	—	—	(D)	(D)	(D)	—
More than 10 stockholders	1	—	—	1	—	—	—
10 or less stockholders	4	—	—	—	1	3	—
Other—cooperative, estate or trust, etc.	6	—	2	—	1	2	1
farms							
acres	470	—	(D)	—	(D)	(D)	(D)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	1 122	34	179	291	294	236	88
Not on farm operated	252	11	33	64	61	65	18
Operators by age group:							
Under 25 years	49	49	—	—	—	—	—
25 to 34 years	242	—	242	—	—	—	—
35 to 44 years	396	—	—	396	—	—	—
45 to 54 years	397	—	—	—	397	—	—
55 to 64 years	347	—	—	—	—	347	—
65 years and over	121	—	—	—	—	—	121
Average age	46.7	21.5	30.5	39.3	49.1	58.8	70.8
Operators by sex:							
Male	1 446	49	235	378	376	306	102
Female	106	—	7	18	21	41	19
Operators of Spanish origin	10	—	—	7	2	1	—
Operators by principal occupation:							
Farming	—	—	—	—	—	—	—
Other	1 552	49	242	396	397	347	121
Operators reporting days of work off farm:							
None	190	1	15	15	24	62	73
1 to 99 days	67	3	12	12	11	20	9
100 to 199 days	204	4	25	59	60	40	16
200 days or more	1 091	41	190	310	302	225	23
F FARMS BY SIZE							
1 to 9 acres	332	24	61	83	81	57	26
10 to 49 acres	548	12	110	158	120	113	35
50 to 69 acres	162	3	17	33	42	50	17
70 to 99 acres	173	6	19	36	56	38	18
100 to 139 acres	119	2	15	34	27	31	10
140 to 179 acres	66	1	11	18	19	13	4
180 to 219 acres	43	1	3	9	18	7	5
220 to 259 acres	25	—	1	5	10	8	1
260 to 499 acres	62	—	3	16	18	22	3
500 to 999 acres	18	—	1	4	4	7	2
1,000 to 1,999 acres	2	—	1	—	1	—	—
2,000 acres or more	2	—	—	—	1	1	—
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	695	19	80	173	190	169	64
Field crop, except cash grain farms (013)	36	—	2	8	9	13	4
Cotton farms (0131)	—	—	—	—	—	—	—
Tobacco farms (0132)	—	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	36	—	2	8	9	13	4
Vegetable and melon farms (016)	33	3	9	10	5	5	1
Fruit and tree nut farms (017)	7	—	—	2	2	3	—
Horticultural specialty farms (018)	37	—	6	7	8	9	7
General farms, primarily crop (019)	28	—	6	5	9	2	6
Livestock farms, except dairy, poultry, and animal specialty (021)	180	3	38	58	40	30	11
Beef cattle farms, except feedlots (0212)	34	—	8	5	11	8	2
Dairy farms (024)	15	1	2	5	2	4	1
Poultry and egg farms (025)	437	23	67	113	112	99	23
Animal specialty farms (027)	74	—	28	15	17	10	4
General farms, primarily livestock (029)	10	—	4	—	3	3	—
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold	forms	1 552	49	242	396	397	347
	\$1,000	85 177	2 013	10 156	19 007	20 637	30 568
Farms by value of agricultural products sold:							
\$500,000 or more	10	—	—	5	3	2	—
\$200,000 to \$499,999	52	—	10	14	19	8	1
\$100,000 to \$199,999	172	4	25	49	44	42	8
\$40,000 to \$99,999	209	19	28	46	47	58	11
\$20,000 to \$39,999	139	5	41	32	29	24	8
\$10,000 to \$19,999	199	5	33	50	56	43	12
\$5,000 to \$9,999	213	5	19	57	61	49	22
\$2,500 to \$4,999	230	7	27	55	59	52	30
Less than \$2,500	328	4	59	88	79	69	29

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**VALUE OF PRODUCTS SOLD—Con.**

	Total farming and other occupations	Farming							65 years and over	
		Age of operator								
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
Market value of agricultural products sold—Con.										
Grain	farms	2 477	1 557	57	138	240	365	413	344	
\$1,000		71 401	60 372	1 617	6 007	11 896	17 729	15 774	7 349	
Sales of \$40,000 or more	farms	480	436	10	52	99	133	113	29	
\$1,000		50 126	46 105	952	4 661	10 045	14 324	11 453	4 671	
Commodity Credit Corporation loans	farms	82	62	3	5	11	19	15	9	
\$1,000		551	500	40	38	58	137	133	94	
Cotton and cottonseed	farms	—	—	—	—	—	—	—	—	
\$1,000		—	—	—	—	—	—	—	—	
Soles 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	255	156	5	20	24	36	33	38	
\$1,000		821	607	37	52	76	198	109	136	
Sales of \$40,000 or more	farms	—	—	—	—	—	—	—	1	
\$1,000		—	—	—	—	—	—	—	(D)	
Vegetables, sweet corn, and melons	farms	387	276	13	27	60	75	68	33	
\$1,000		15 992	15 270	152	567	4 001	5 817	4 305	428	
Sales of \$40,000 or more	farms	68	66	—	4	20	28	11	3	
\$1,000		13 764	13 507	—	367	3 683	5 328	3 851	278	
Fruits, nuts, and berries	farms	56	38	2	3	5	8	12	8	
\$1,000		1 502	1 476	(D)	(D)	681	542	96	139	
Sales of \$40,000 or more	farms	5	5	—	—	2	2	—	1	
\$1,000		1 300	1 300	—	—	(D)	(D)	—	(D)	
Nursery and greenhouse products	farms	112	69	1	6	13	21	20	8	
\$1,000		8 050	7 319	(D)	(D)	1 584	3 333	1 476	131	
Sales of \$40,000 or more	farms	31	28	1	5	7	9	5	1	
\$1,000		7 349	6 966	(D)	(D)	1 556	3 223	1 304	(D)	
Other crops	farms	50	46	1	3	8	14	16	4	
\$1,000		5 595	5 558	(D)	(D)	1 218	2 390	1 586	9	
Sales of \$40,000 or more	farms	28	28	—	3	3	11	11	—	
\$1,000		5 407	5 407	—	333	1 175	2 365	1 535	—	
Poultry and poultry products	farms	1 203	720	22	88	132	182	185	111	
\$1,000		194 360	125 228	4 499	21 579	24 389	35 066	26 550	13 146	
Sales of \$40,000 or more	farms	961	579	20	76	108	160	155	60	
\$1,000		191 514	123 545	4 498	21 427	24 187	34 837	26 143	12 453	
Dairy products	farms	221	199	4	20	45	53	50	27	
\$1,000		11 874	11 446	75	1 027	2 636	3 570	2 848	1 289	
Sales of \$40,000 or more	farms	109	105	1	10	21	31	24	18	
\$1,000		10 192	9 904	(D)	(D)	2 280	3 138	2 408	1 155	
Cattle and calves	farms	588	435	14	49	72	110	107	83	
\$1,000		5 882	5 332	37	670	2 588	599	718	720	
Sales of \$40,000 or more	farms	13	10	—	2	4	—	2	2	
\$1,000		3 270	3 125	—	(D)	2 203	—	(D)	(D)	
Hogs and pigs	farms	652	400	20	42	64	95	98	81	
\$1,000		8 571	7 463	647	797	1 239	2 627	1 853	301	
Sales of \$40,000 or more	farms	47	44	3	6	8	14	13	—	
\$1,000		5 755	5 523	588	527	924	2 135	1 349	—	
Sheep, lambs, and wool	farms	26	16	1	2	2	5	4	2	
\$1,000		21	17	(D)	(D)	(D)	7	2	(D)	
Sales of \$40,000 or more	farms	—	—	—	—	—	—	—	—	
\$1,000		—	—	—	—	—	—	—	—	
Other livestock and livestock products (see text)	farms	208	86	6	10	21	18	16	15	
\$1,000		1 673	477	7	27	90	199	93	61	
Sales of \$40,000 or more	farms	7	4	—	—	1	2	—	1	
\$1,000		687	215	—	—	(D)	(D)	—	(D)	
SELECTED FARM PRODUCTION EXPENSES:										
Livestock and poultry purchased	farms	1 721	1 097	36	142	181	290	266	182	
\$1,000		37 068	24 030	812	6 234	4 141	6 986	3 656	2 201	
Farms with expenses of—										
\$1 to \$4,999		657	374	17	36	60	89	72	100	
\$5,000 to \$19,999		697	451	11	62	53	126	139	60	
\$20,000 to \$49,999		306	220	5	32	52	61	51	19	
\$50,000 or more		61	52	3	12	16	14	4	3	
Feed for livestock and poultry	farms	2 048	1 297	42	149	218	320	350	218	
\$1,000		120 955	86 095	3 122	14 164	16 594	22 725	19 922	9 569	
Forms with expenses of—										
\$1 to \$4,999		772	405	18	22	80	70	109	106	
\$5,000 to \$19,999		196	137	1	18	12	41	39	26	
\$20,000 to \$49,999		294	185	6	20	23	69	35	32	
\$50,000 or more		786	570	17	89	103	140	167	54	
Commercially mixed formula feeds	farms	1 597	1 040	40	128	176	269	264	163	
tons		673 595	479 957	15 772	78 505	93 061	126 964	110 619	55 037	
\$1,000		117 503	83 107	2 727	13 671	16 213	21 836	19 250	9 411	
Forms by tons purchased:										
1 to 99 tons		504	280	24	23	53	55	64	61	
100 to 499 tons		642	415	10	51	55	115	115	69	
500 tons or more		451	345	6	54	68	99	85	33	
Farms with expenses of—										
\$1 to \$4,999		406	204	24	10	43	35	37	55	
\$5,000 to \$19,999		143	112	—	16	10	36	27	23	
\$20,000 to \$49,999		276	168	—	20	20	60	36	32	
\$50,000 or more		772	556	16	82	103	138	164	53	

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	Other occupations						65 years and over	
		Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
VALUE OF PRODUCTS SOLD—Con.									
Market value of agricultural products sold—Con.									
Grain	920	21	115	232	252	221	79		
\$1,000—	11 029	215	1 153	2 621	3 487	2 811	742		
Sales of \$40,000 or more	44	—	2	12	14	13	3		
\$1,000—	4 022	—	(D)	(D)	1 520	1 158	183		
Commodity Credit Corporation loans	20	1	1	2	6	10	—		
\$1,000—	52	(D)	(D)	(D)	12	34	—		
Cotton and cottonseed	—	—	—	—	—	—	—		
\$1,000—	—	—	—	—	—	—	—		
Sales of \$40,000 or more	—	—	—	—	—	—	—		
\$1,000—	—	—	—	—	—	—	—		
Commodity Credit Corporation loans	—	—	—	—	—	—	—		
\$1,000—	—	—	—	—	—	—	—		
Tobacco	—	—	—	—	—	—	—		
\$1,000—	—	—	—	—	—	—	—		
Sales of \$40,000 or more	—	—	—	—	—	—	—		
\$1,000—	—	—	—	—	—	—	—		
Field seeds, hay, forage, and silage	99	1	8	27	38	17	8		
\$1,000—	214	(D)	(D)	51	111	31	7		
Sales of \$40,000 or more	—	—	—	—	—	—	—		
\$1,000—	—	—	—	—	—	—	—		
Vegetables, sweet corn, and melons	111	7	19	34	25	21	5		
\$1,000—	722	15	102	107	396	97	5		
Sales of \$40,000 or more	2	—	—	—	2	—	—		
\$1,000—	257	—	—	—	257	—	—		
Fruits, nuts, and berries	18	1	1	5	3	6	2		
\$1,000—	26	(D)	(D)	7	5	12	(D)		
Sales of \$40,000 or more	—	—	—	—	—	—	—		
\$1,000—	—	—	—	—	—	—	—		
Nursery and greenhouse products	43	—	7	8	10	9	9		
\$1,000—	731	—	77	83	223	292	55		
Sales of \$40,000 or more	3	—	—	—	1	2	—		
\$1,000—	383	—	—	—	(D)	(D)	—		
Other crops	4	—	—	1	—	3	—		
\$1,000—	37	—	—	(D)	—	36	—		
Sales of \$40,000 or more	—	—	—	—	—	—	—		
\$1,000—	—	—	—	—	—	—	—		
Poultry and poultry products	483	24	75	127	125	107	25		
\$1,000—	69 132	1 660	7 907	15 309	15 695	26 752	1 809		
Sales of \$40,000 or more	382	22	58	99	96	91	16		
\$1,000—	67 969	1 630	7 692	14 966	15 444	26 536	1 701		
Dairy products	22	1	4	6	6	4	1		
\$1,000—	428	(D)	(D)	166	30	191	(D)		
Sales of \$40,000 or more	4	—	—	1	—	3	—		
\$1,000—	289	—	—	(D)	—	(D)	—		
Cattle and calves	153	2	23	45	42	32	9		
\$1,000—	551	(D)	(D)	95	139	152	14		
Sales of \$40,000 or more	3	—	2	—	—	1	—		
\$1,000—	145	—	(D)	—	—	(D)	—		
Hogs and pigs	252	7	53	87	55	38	12		
\$1,000—	1 107	93	303	416	177	100	19		
Sales of \$40,000 or more	3	1	1	1	—	—	—		
\$1,000—	232	(D)	(D)	(D)	—	—	—		
Sheep, lambs, and wool	10	—	1	3	1	(D)	1		
\$1,000—	4	—	(D)	—	1	(D)	(D)		
Sales of \$40,000 or more	—	—	—	—	—	—	—		
\$1,000—	—	—	—	—	—	—	—		
Other livestock and livestock products (see text)	122	2	34	26	27	25	8		
\$1,000—	1 196	(D)	(D)	151	373	93	136		
Sales of \$40,000 or more	3	—	—	1	1	—	1		
\$1,000—	472	—	—	(D)	(D)	—	(D)		
SELECTED FARM PRODUCTION EXPENSES¹									
Livestock and poultry purchased	624	24	125	163	162	136	14		
\$1,000—	13 038	162	1 428	2 218	3 989	5 159	82		
Farms with expenses of—									
\$1 to \$4,999	283	1	42	64	96	73	7		
\$5,000 to \$19,999	246	23	52	74	38	53	6		
\$20,000 to \$49,999	86	—	31	20	26	8	1		
\$50,000 or more	9	—	—	5	2	2	—		
Feed for livestock and poultry	751	30	132	191	203	167	28		
\$1,000—	34 859	902	5 397	9 670	6 496	11 902	494		
Farms with expenses of—									
\$1 to \$4,999	367	7	46	79	130	91	14		
\$5,000 to \$19,999	59	—	27	20	4	2	6		
\$20,000 to \$49,999	109	21	13	10	25	35	5		
\$50,000 or more	216	2	46	82	44	39	3		
Commercially mixed formula feeds	557	24	114	145	142	106	26		
\$1,000—	193 639	5 219	30 148	53 223	35 828	66 558	2 663		
Farms by tons purchased:									
1 to 99 tons	224	1	55	46	72	31	19		
100 to 499 tons	227	21	48	62	31	59	6		
500 tons or more	106	2	11	37	39	16	1		
Farms with expenses of—									
\$1 to \$4,999	202	1	49	38	71	30	13		
\$5,000 to \$19,999	31	—	6	15	2	2	6		
\$20,000 to \$49,999	108	21	13	10	25	35	4		
\$50,000 or more	216	2	46	82	44	39	3		

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 EXPENSES¹ — Con.								
Animal health costs	farms \$1,000	1 562 2 456	1 021 1 581	42 24	134 250	190 254	261 681	241 272
Farms with expenses of—								
\$1 to \$499		673	391	21	38	78	78	84
\$500 to \$999		465	318	19	42	42	78	92
\$1,000 to \$2,999		219	170	1	26	39	51	44
\$3,000 or more		205	142	1	28	31	54	21
Seeds, bulbs, plants, and trees	farms \$1,000	2 404 5 622	1 573 4 911	69 141	170 562	256 986	377 1 631	382 1 142
Farms with expenses of—								
\$1 to \$999		1 499	840	41	58	91	182	213
\$1,000 to \$4,999		661	507	19	72	111	127	130
\$5,000 to \$9,999		144	133	7	32	34	36	16
\$10,000 or more		100	93	2	8	20	32	23
Commercial fertilizer	farms \$1,000	2 582 14 232	1 643 12 458	69 408	164 1 416	257 2 908	384 3 743	394 2 712
Farms with expenses of—								
\$1 to \$2,499		1 620	830	29	54	84	171	191
\$2,500 to \$9,999		619	496	31	58	101	112	134
\$10,000 to \$19,999		178	159	7	34	29	50	33
\$20,000 or more		165	158	2	18	43	51	36
Other agricultural chemicals including lime	farms \$1,000	2 629 6 917	1 638 5 997	62 177	170 693	256 1 269	405 1 808	401 1 396
Farms with expenses of—								
\$1 to \$2,499		1 974	1 059	34	94	125	248	259
\$2,500 to \$9,999		512	441	23	57	103	110	114
\$10,000 to \$19,999		93	90	4	16	18	29	15
\$20,000 or more		50	48	1	3	10	18	13
Energy and petroleum products	farms \$1,000	3 610 10 562	2 152 8 617	77 279	260 1 420	338 1 622	489 2 395	518 2 060
Farms with expenses of—								
\$1 to \$2,499		2 610	1 317	45	146	163	258	318
\$2,500 to \$9,999		791	638	28	93	131	167	146
\$10,000 to \$19,999		154	147	2	17	35	46	41
\$20,000 or more		55	50	2	4	9	18	13
Petroleum products	farms \$1,000	3 608 8 127	2 151 6 777	77 234	260 1 078	338 1 272	489 1 869	517 1 637
Gasoline	farms \$1,000	3 398 3 712	2 033 3 019	61 116	240 334	327 597	465 763	495 827
Diesel fuel	farms \$1,000	1 594 2 234	1 126 1 995	46 69	144 194	191 403	292 626	291 510
LP gas, butane, and propane	farms \$1,000	590 1 216	421 951	13 27	60 425	74 130	136 209	87 120
Fuel oil	farms \$1,000	308 380	244 346	5 (D)	28 65	41 39	69 138	62 87
Natural gas	farms \$1,000	33 28	25 27	2 (D)	6 1	10 14	3 11	3 1
Kerosene, motor oil, and grease	farms \$1,000	3 608 557	2 151 439	77 19	260 59	338 89	489 121	517 93
Electricity	farms \$1,000	2 340 2 422	1 573 1 829	38 (D)	211 337	260 347	359 525	390 (D)
Other—coal, wood, coke, etc.	farms \$1,000	61 14	41 12	1 (D)	12 5	11 2	6 1	2 (D)
Hired farm labor	farms \$1,000	1 645 15 051	1 117 12 462	39 122	130 1 433	203 2 808	279 3 983	279 3 005
Farms with expenses of—								
\$1 to \$4,999		1 205	749	29	78	129	168	194
\$5,000 to \$19,999		284	230	10	33	39	59	59
\$20,000 to \$49,999		109	96	—	16	25	38	16
\$50,000 or more		47	42	—	3	10	14	5
Workers by number of days worked:								
150 days or more	farms workers	711 2 074	516 1 694	4 13	64 216	104 381	145 508	143 429
Less than 150 days	farms workers	1 376 6 703	932 5 026	39 171	102 642	172 774	222 1 347	234 1 376
Contract labor	farms \$1,000	268 1 501	187 1 201	5 1	15 244	33 354	49 364	42 200
Farms with expenses of—								
\$1 to \$2,499		199	124	5	8	16	31	22
\$2,500 to \$9,999		37	36	—	3	11	9	12
\$10,000 to \$19,999		14	14	—	3	2	3	6
\$20,000 or more		18	13	—	1	4	6	2
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	1 727 2 435	1 048 1 765	42 67	141 223	144 322	242 472	270 453
Farms with expenses of—								
\$1 to \$2,499		1 451	848	28	105	110	192	228
\$2,500 to \$9,999		258	184	14	35	29	46	36
\$10,000 to \$19,999		12	10	—	1	4	2	3
\$20,000 or more		6	6	—	—	1	2	3
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services	farms \$1,000	400 1 472	307 1 211	16 79	48 134	63 268	74 331	79 345
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	192 1 188	115 1 064	5 24	8 7	23 280	18 405	35 273

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

SELECTED FARM PRODUCTION EXPENSES¹ — Con.

	Total	Other occupations						65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years		
Animal health costs	farms \$1,000	541 874	22 14	114 353	131 121	144 104	114 271	16 12
Farms with expenses of—								
\$1 to \$499		282	10	40	66	91	63	12
\$500 to \$999		147	10	36	40	32	28	1
\$1,000 to \$2,999		49	2	6	12	8	19	2
\$3,000 or more		63	—	32	13	13	4	1
Seeds, bulbs, plants, and trees	farms \$1,000	831 711	14 7	140 89	192 114	233 288	164 149	88 63
Farms with expenses of—								
\$1 to \$999		659	8	114	162	165	143	67
\$1,000 to \$4,999		154	6	26	27	55	19	21
\$5,000 to \$9,999		11	—	—	3	8	—	—
\$10,000 or more		7	—	—	—	5	2	—
Commercial fertilizer	farms \$1,000	939 1,774	22 23	126 206	206 309	252 644	244 402	89 189
Farms with expenses of—								
\$1 to \$2,499		790	22	93	177	211	213	74
\$2,500 to \$9,999		123	—	32	26	26	29	10
\$10,000 to \$19,999		19	—	—	2	11	1	5
\$20,000 or more		7	—	1	1	4	1	—
Other agricultural chemicals including lime	farms \$1,000	991 920	22 17	151 92	207 139	288 343	227 230	96 100
Farms with expenses of—								
\$1 to \$2,499		915	22	148	200	253	206	86
\$2,500 to \$9,999		71	—	2	6	33	20	10
\$10,000 to \$19,999		3	—	1	1	1	—	—
\$20,000 or more		2	—	—	—	1	1	—
Energy and petroleum products	farms \$1,000	1,458 1,945	45 33	234 284	335 442	381 635	341 458	122 93
Farms with expenses of—								
\$1 to \$2,499		1,293	44	204	283	321	327	114
\$2,500 to \$9,999		153	1	29	50	56	9	8
\$10,000 to \$19,999		7	—	1	2	2	2	—
\$20,000 or more		5	—	—	—	2	3	—
Petroleum products	farms \$1,000	1,457	45	233	335	381	341	122
Gasoline	farms \$1,000	1,350	25	202	307	444	302	70
Diesel fuel	farms \$1,000	1,365	35	223	313	357	322	115
LP gas, butane, and propane	farms \$1,000	693	13	104	153	242	149	33
Fuel oil	farms \$1,000	468	12	106	99	121	106	24
Natural gas	farms \$1,000	239	3	50	33	88	50	16
Kerosene, motor oil, and grease	farms \$1,000	169	17	17	40	47	36	12
Electricity	farms \$1,000	265	8	24	84	65	74	11
Other—coal, wood, coke, etc.	farms \$1,000	64	—	10	20	19	10	5
Hired farm labor	farms \$1,000	34	—	(D)	9	16	4	(D)
Workers by number of days worked:								
150 days or more	farms workers	195 380	19 11	84 84	94 49	381 131	341 88	122 70
Less than 150 days	farms workers	444 1,677	8 16	83 393	86 379	240 475	176 288	39 126
Contract labor	farms \$1,000	81 299	—	21 10	21 23	21 257	17 (D)	1 (D)
Farms with expenses of—								
\$1 to \$2,499		456	19	84	94	136	84	39
\$2,500 to \$9,999		54	—	18	16	13	6	1
\$10,000 to \$19,999		13	—	2	1	8	2	—
\$20,000 or more		5	—	—	—	2	2	1
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	195	11	55	36	68	19	6
Farms with expenses of—								
\$1 to \$2,499		75	—	21	20	16	17	1
\$2,500 to \$9,999		1	—	—	1	—	—	—
\$10,000 to \$19,999		—	—	—	—	—	—	—
\$20,000 or more		5	—	—	—	5	—	—
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services	farms \$1,000	679 93	7 —	106 11	131 24	209 37	185 15	41 6
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	670 262	4 —	81 123	113 34	262 47	162 52	38 6
		123	(D)	(D)	64	20	17	6

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 forming and other occupations	Farming							65 years and over	
	Total	Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
VALUE OF MACHINERY AND EQUIPMENT¹									
Estimated market value of all machinery and equipment	farms \$1,000	3 629	2 152	77	260	338	489	518	470
Forms by value group:		142 763	113 710	3 336	13 453	22 830	34 395	26 658	13 039
\$1 to \$4,999		353	168	4	14	18	50	12	70
\$5,000 to \$9,999		773	336	10	19	37	65	62	143
\$10,000 to \$19,999		820	444	12	67	65	68	123	109
\$20,000 to \$49,999		838	493	20	79	63	107	148	76
\$50,000 to \$99,999		457	357	26	38	69	81	107	36
\$100,000 to \$199,999		281	250	3	29	55	86	47	30
\$200,000 to \$499,999		95	92	2	13	31	27	14	5
\$500,000 or more		12	12	—	1	—	5	5	1
SELECTED MACHINERY AND EQUIPMENT¹									
Automobiles	farms	2 589	1 682	63	198	272	397	401	351
number		3 846	2 529	104	250	451	549	662	513
Motortrucks, including pickups	farms	3 018	1 832	67	219	299	438	440	369
number		6 472	4 579	234	487	866	1 207	1 123	662
Wheel tractors	farms	3 216	1 981	74	227	303	462	499	416
number		8 698	6 241	238	638	1 179	1 565	1 574	1 047
2 or 3	farms	1 479	865	18	101	86	183	246	231
number		3 522	2 102	43	258	204	472	592	533
4 or more	farms	746	634	23	62	149	168	162	70
number		4 185	3 657	162	316	907	982	891	399
Grain and bean combines, self-propelled only	farms	1 154	867	42	86	164	231	223	121
number		1 347	1 040	48	93	202	297	255	145
Cornpickers, corn heads, and picker-shellers	farms	1 172	885	40	93	159	229	222	142
number		1 498	1 184	46	128	228	306	287	189
Corn heads for combines	farms	923	709	31	80	136	179	186	97
number		1 033	815	32	105	148	213	200	117
Other cornpickers and picker-shellers	farms	437	342	14	21	64	90	84	69
number		465	369	14	23	80	93	87	72
Cottonpickers	farms	—	—	—	—	—	—	—	—
number		—	—	—	—	—	—	—	—
Mower conditioners	farms	553	389	15	59	67	87	88	73
number		601	420	26	59	67	97	92	79
Pickup balers	farms	581	434	25	42	83	119	109	56
number		617	470	25	44	89	124	110	78
Field forage harvesters, shear bar or flywheel type	farms	238	193	15	27	34	62	45	10
number		280	235	16	29	43	84	52	11
AGRICULTURAL CHEMICALS¹									
Agricultural chemicals, including commercial fertilizer and lime	farms \$1,000	2 882	1 798	69	185	274	433	435	402
Commercial fertilizer	farms	2 537	1 619	69	164	257	368	389	372
Lime	farms acres on which used	412 690	353 409	11 787	40 285	78 736	100 090	82 625	39 886
tons		1 194	809	34	98	132	186	208	151
Sprays, dusts, granules, fumigants, etc. to control—									
Insects on hay and other crops	farms	1 146	832	48	76	145	204	180	179
acres on which used		187 234	168 144	5 981	13 890	48 332	45 590	32 670	21 681
Nematodes in crops	farms	122	82	1	9	37	17	9	9
acres on which used		16 933	13 705	(D)	(D)	4 308	1 806	884	4 447
Diseases in crops and orchards	farms	126	90	—	5	27	17	22	19
acres on which used		15 777	14 770	—	450	7 400	4 175	2 195	550
Weeds, grass, or brush in crops and pasture	farms	2 014	1 244	48	139	199	308	311	239
acres on which used		360 726	309 771	10 065	35 384	72 712	88 255	71 250	32 105
Chemicals for—									
Defoliation or for growth control of crops, or thinning of fruit	farms	83	48	—	1	8	4	13	22
acres on which used		3 600	2 502	—	(D)	1 190	(D)	270	754
Insect control on livestock and poultry	farms	511	363	26	45	40	110	92	50
Sanitation and rodent and bird control	farms	563	403	26	48	54	99	89	87
LIVESTOCK									
Cattle and calves inventory	farms number	715	476	14	52	78	116	123	93
Forms with—		29 123	26 230	453	2 211	6 846	6 553	6 777	3 390
1 to 9		293	131	3	16	20	21	32	39
10 to 49		247	183	7	18	27	51	49	31
50 to 99		84	74	3	11	15	22	16	7
100 to 199		66	63	1	6	8	16	17	15
200 to 499		24	24	—	1	7	6	9	1
500 or more		1	1	—	—	1	—	—	—
Cows and heifers that had calved	farms number	571	391	11	40	68	104	99	69
Beef cows	farms number	15 055	13 739	227	1 058	3 115	3 869	3 748	1 722
Farms with—		311	190	7	20	27	50	48	38
1 to 9		209	113	3	14	21	29	22	24
10 to 49		87	63	4	5	3	20	18	13
50 to 99		9	8	—	1	2	—	4	—
100 to 199		4	4	—	—	—	—	4	—
200 to 499		2	2	—	—	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**VALUE OF MACHINERY AND EQUIPMENT¹**

	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Estimated market value of all machinery and equipment -- farms-- \$1,000--	1 477 29 053	46 656	237 4 771	340 5 682	386 8 816	346 6 478	122 2 650
Farms by value group:							
\$1 to \$4,999	185	2	29	74	45	30	5
\$5,000 to \$9,999	437	5	45	91	113	141	42
\$10,000 to \$19,999	376	32	56	86	96	69	37
\$20,000 to \$49,999	345	7	94	64	75	83	22
\$50,000 to \$99,999	100	—	6	20	40	18	16
\$100,000 to \$199,999	31	—	6	5	16	4	—
\$200,000 to \$499,999	3	—	1	—	1	1	—
\$500,000 or more	—	—	—	—	—	—	—

SELECTED MACHINERY AND EQUIPMENT¹

Automobiles	farms	907	38	136	185	252	217	79
	number	1 317	48	193	288	393	293	102
Motortrucks, including pickups	farms	1 186	39	191	267	313	277	99
	number	1 893	59	310	382	569	415	158
Wheel tractors	farms	1 235	22	182	275	351	296	109
	number	2 457	50	345	508	784	541	229
2 or 3	farms	614	16	85	130	183	134	66
	number	1 420	(D)	(D)	287	418	306	162
4 or more	farms	112	1	12	21	49	21	8
	number	528	(D)	(D)	97	247	94	32
Grain and bean combines, self-propelled only	farms	287	6	41	78	95	41	26
	number	307	16	41	79	98	47	26
Cornpickers, corn heads, and picker-shellers	farms	287	7	42	75	97	53	13
	number	314	13	42	78	107	61	13
Corn heads for combines	farms	214	6	34	61	68	34	11
	number	218	6	34	62	70	(D)	(D)
Other cornpickers and picker-shellers	farms	95	7	8	15	37	26	2
	number	96	7	8	16	37	(D)	(D)
Cottonpickers	farms	—	—	—	—	—	—	—
	number	—	—	—	—	—	—	—
Mower conditioners	farms	164	12	17	18	67	40	10
	number	181	12	17	18	73	47	14
Pickup balers	farms	147	—	20	23	69	32	3
	number	147	—	20	23	69	32	3
Field forage harvesters, shear bar or flywheel type	farms	45	—	—	7	31	7	—
	number	45	—	—	7	31	7	—

AGRICULTURAL CHEMICALS¹

Agricultural chemicals, including commercial fertilizer and lime	farms	1 084	22	162	227	298	273	102
	\$1,000--	2 694	40	298	448	987	632	289
Commercial fertilizer	farms	918	22	119	198	251	239	89
	acres on which used	59 281	1 361	6 385	10 947	20 897	13 507	6 184
Lime	farms	385	6	52	79	119	92	37
	acres on which used	18 460	135	1 940	2 585	8 505	4 048	1 247
	tons	19 971	135	1 570	2 794	8 830	5 329	1 313
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops	farms	314	—	41	76	105	68	24
	acres on which used	19 090	—	1 262	4 113	8 111	4 960	644
Nematodes in crops	farms	40	—	6	15	13	6	—
	acres on which used	3 228	—	345	932	1 125	826	—
Diseases in crops and orchards	farms	36	—	22	2	1	11	—
	acres on which used	1 007	—	43	(D)	(D)	271	—
Weeds, grass, or brush in crops and pasture	farms	770	22	102	160	226	179	81
	acres on which used	50 955	1 391	6 221	9 709	16 285	10 774	6 575

Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit	farms	35	—	5	1	14	15	—
	acres on which used	1 098	—	(D)	(D)	392	567	—
Insect control on livestock and poultry	farms	148	—	21	32	57	37	1
Sanitation and rodent and bird control	farms	160	—	29	29	56	46	—

LIVESTOCK

Cattle and calves inventory	farms	239	3	41	71	71	41	12
	number	2 893	43	341	821	728	803	157
Forms with—								
1 to 9		162	1	34	49	51	19	8
10 to 49		64	2	6	19	18	16	3
50 to 99		10	—	—	2	2	5	1
100 to 199		3	—	1	1	—	1	—
200 to 499		—	—	—	—	—	—	—
500 or more		—	—	—	—	—	—	—
Cows and heifers that had calved	farms	180	2	30	52	53	33	10
	number	1 316	(D)	(D)	385	318	390	126
Beef cows	farms	121	—	9	38	42	27	5
	number	700	—	23	175	183	209	110
Farms with—								
1 to 9		96	—	8	34	34	17	3
10 to 49		24	—	1	4	8	10	1
50 to 99		1	—	—	—	—	—	—
100 to 199		—	—	—	—	—	—	—
200 to 499		—	—	—	—	—	—	—
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**LIVESTOCK**—Con.Cattle and calves inventory—Con.
Cows and heifers that had calved—Con.

	Total forming and other occupations	Forming							65 years and over	
		Age of operator								
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
Milk cows	317	243	6	26	48	64	58	41		
Farms with—	10 897	10 281	98	805	2 378	3 051	2 610	1 339		
1 to 4	103	47	—	5	5	10	12	15		
5 to 9	18	14	2	2	2	2	3	3		
10 to 49	106	96	4	11	25	27	23	6		
50 to 99	60	56	—	7	9	14	11	15		
100 to 199	28	28	—	1	6	10	9	2		
200 to 499	2	2	—	—	1	1	—	—		
500 or more	—	—	—	—	—	—	—	—		
Heifers and heifer calves	456	337	11	39	60	88	79	60		
Farms with—	9 109	8 357	145	904	2 156	1 946	2 008	1 198		
Steers, steer calves, bulls, and bull calves	495	331	13	34	62	77	88	57		
Farms with—	4 959	4 134	81	249	1 575	738	1 021	470		
Cattle and calves sold	588	435	14	49	72	110	107	83		
Farms with—	17 091	14 846	114	1 726	5 816	2 279	2 864	2 047		
\$1,000	5 882	5 332	37	670	2 588	599	718	720		
Calves	395	298	8	30	53	74	77	56		
Farms with—	7 226	5 727	50	526	1 688	1 178	1 548	737		
\$1,000	926	704	5	70	274	115	153	88		
Cattle	470	356	10	46	60	91	84	65		
Farms with—	9 865	9 119	64	1 200	4 128	1 101	1 316	1 310		
\$1,000	4 956	4 627	32	600	2 314	484	565	632		
Fattened on grain and concentrates	135	88	5	7	17	28	17	14		
Farms with—	5 593	5 279	33	565	3 405	253	225	798		
\$1,000	3 124	2 982	20	326	1 995	117	86	438		
Hogs and pigs inventory	669	397	19	42	64	94	95	83		
Farms with—	62 428	52 907	3 068	4 757	9 487	19 600	12 943	3 052		
1 to 9	188	93	5	7	20	21	23	17		
10 to 49	291	154	5	14	17	36	36	46		
50 to 99	89	63	4	9	8	12	13	17		
100 to 199	37	30	2	5	7	6	7	3		
200 to 499	37	32	2	4	6	12	8	—		
500 or more	27	25	1	3	6	7	8	70		
Used or to be used for breeding	506	310	14	32	47	73	74	677		
Farms with—	10 726	8 782	199	875	1 566	3 483	1 982	677		
Other	574	346	16	36	57	80	85	72		
Farms with—	51 702	44 125	2 869	3 882	7 921	16 117	10 961	2 375		
Hogs and pigs sold	652	400	20	42	64	95	98	81		
Farms with—	103 175	88 374	5 169	10 307	15 200	31 140	21 083	5 475		
\$1,000	8 571	7 463	647	797	1 239	2 627	1 853	301		
Feeder pigs sold	278	182	10	22	30	33	39	48		
Farms with—	33 426	28 283	344	4 172	4 615	10 380	5 266	3 506		
\$1,000	1 382	1 188	13	183	187	438	230	137		
Litters of pigs farrowed between—										
Dec. 1 of preceding year and Nov. 30	522	318	14	32	52	75	75	70		
Farms with—	13 095	11 090	223	998	1 733	4 399	2 817	920		
Dec. 1 and May 31	454	283	13	30	46	65	66	63		
Farms with—	5 993	5 078	108	521	825	1 761	1 406	457		
June 1 and Nov. 30	459	291	11	30	44	71	72	63		
Farms with—	7 102	6 012	115	477	908	2 638	1 411	463		
Sheep and lambs of all ages inventory	32	20	1	2	3	6	6	2		
Farms with—	546	438	(D)	(D)	72	190	71	(D)		
Ewes 1 year old or older	26	18	—	2	3	6	5	2		
Farms with—	370	292	(D)	(D)	59	116	46	(D)		
Sheep and lambs sold	23	14	1	2	2	5	2	2		
Farms with—	416	356	(D)	(D)	58	149	(D)	(D)		
Sheep and lambs shorn	21	14	—	2	2	4	4	2		
Farms with—	420	327	(D)	(D)	101	52	(D)	(D)		
Pounds of wool	2 984	2 274	—	(D)	802	399	(D)	(D)		
Horses and ponies inventory	547	239	8	26	58	59	52	36		
Farms with—	3 455	1 620	46	164	367	550	278	215		
Horses and ponies sold	162	69	4	10	17	16	13	9		
Farms with—	474	220	7	26	48	81	31	27		
Goats inventory	24	13	1	1	7	1	2	1		
Farms with—	111	61	(D)	(D)	28	(D)	(D)	(D)		
Goats sold	11	6	1	—	4	—	1	—		
Farms with—	40	17	(D)	—	14	—	2	—		
\$1,000	1	—	(D)	—	—	(D)	—	—		
POULTRY										
Chickens 3 months old or older inventory	360	213	4	24	30	39	52	64		
Farms with—	729 529	630 821	272	55 486	75 964	85 943	110 548	302 608		
1 to 399	314	182	4	18	21	32	48	59		
400 to 3,199	6	4	—	—	1	—	—	3		
3,200 to 9,999	28	19	—	5	7	4	2	1		
10,000 to 19,999	7	3	—	—	2	1	—	—		
20,000 to 49,999	3	3	—	1	—	1	1	—		
50,000 to 99,999	1	1	—	—	—	—	1	—		
100,000 or more	1	1	—	—	—	—	—	1		
Hens and pullets of laying age	341	204	4	20	30	38	52	60		
Farms with—	570 742	496 541	272	10 956	68 163	71 834	110 416	234 900		
Pullets 3 months old or older not of laying age	60	33	—	4	2	7	3	17		
Farms with—	158 787	134 280	—	(D)	(D)	14 109	132	67 708		

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	Other occupations					
		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	74 number	2 (D)	23 (D)	17 210	18 135	8 181	6 16
Farms with—							
1 to 4	56	1	21	11	15	3	5
5 to 9	4	—	—	2	—	2	—
10 to 49	10	1	2	3	2	1	1
50 to 99	4	—	—	1	1	2	—
100 to 199	—	—	—	—	—	—	—
200 to 499	—	—	—	—	—	—	—
500 or more	—	—	—	—	—	—	—
Heifers and heifer calves	119 number	3 (D)	13 (D)	37 233	37 204	24 145	5 19
Steers, steer calves, bulls, and bull calves	164 number	3 (D)	25 118	45 203	51 206	31 268	9 12
Cattle and calves sold	153 number	2 (D)	23 (D)	45 340	42 473	32 400	9 54
Calves	2 245 \$1,000	551 (D)	95 (D)	95 139	139 152	131 14	36 7
Cattle	1 499 \$1,000	97 (D)	16 (D)	27 150	28 285	18 131	5 36
Fattened on grain and concentrates	746 \$1,000	114 (D)	14 (D)	39 190	29 188	24 269	6 18
Hogs and pigs inventory	47 number	— (D)	2 (D)	23 (D)	13 69	6 124	3 8
Hogs and pigs sold	314 \$1,000	314 (D)	— (D)	34 (D)	34 34	55 124	2 3
Used or to be used for breeding	141	— (D)	— (D)	— (D)	— (D)	— (D)	— (D)
Other	7 577 number	1 047 (D)	1 900 (D)	2 527 (D)	1 082 (D)	805 805	216 216
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	252 \$1,000	95 1 070	7 3 498	53 5 873	87 2 613	55 1 237	12 510
Feeder pigs sold	96 \$1,000	137 93	5 303	46 416	29 177	22 100	8 19
Sheep and lambs of all ages inventory	14 801 number	1 070 93	3 498 303	5 873 416	2 613 177	1 237 100	510 19
Sheep and lambs sold	5 143 \$1,000	96 195	262 9	639 25	351 121	122 22	55 282
Goats inventory	11 \$1,000	— (D)	— (D)	— (D)	— (D)	— (D)	— (D)
Goats sold	50 \$1,000	5 1	— (D)	— (D)	— (D)	— (D)	— (D)
POULTRY							
Chickens 3 months old or older inventory	147 number	2 (D)	28 (D)	46 28 370	38 30 067	26 1 766	7 706
Farms with—							
1 to 399	132	2	23	41	35	25	6
400 to 3,199	2	—	—	—	—	1	1
3,200 to 9,999	9	—	3	5	1	—	—
10,000 to 19,999	4	—	2	—	2	—	—
20,000 to 49,999	—	—	—	—	—	—	—
50,000 to 99,999	—	—	—	—	—	—	—
100,000 or more	—	—	—	—	—	—	—
Hens and pullets of laying age	137 number	2 (D)	28 (D)	40 27 814	36 11 961	24 1 637	7 706
Pullets 3 months old or older not of laying age	27 number	1 (D)	3 (D)	10 556	7 18 106	6 129	— —

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							65 years and over	
		Age of operator								
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
POULTRY—Con.										
Chickens 3 months old or older sold	farms number	102 904 946	64 715 286	1 (D)	9 (D)	17 231 390	12 109 525	11 86 355	14 236 144	
Broilers and other meat-type chickens sold	farms number	1 040 148 327 236	615 99 785 980	20 4 573 000	78 16 685 100	104 20 659 931	164 26 391 463	167 22 866 028	82 8 610 458	
Farms with—										
1 to 1,999	farms	21	6	—	1	2	1	2	—	
2,000 to 59,999	farms	227	104	2	9	10	28	20	35	
60,000 to 99,999	farms	195	95	2	11	14	20	29	19	
100,000 or more	farms	597	410	16	57	78	115	116	28	
Turkey hens kept for breeding	farms number	4 34	— —	— —	— —	— —	— —	— —	— —	
Turkeys sold	farms number	11 (D)	4 (D)	— —	1 (D)	1 (D)	1 (D)	— —	1 (D)	
CROPS HARVESTED										
Corn for all purposes	farms acres	1 695 167 691	1 213 149 632	42 4 419	124 15 884	211 33 515	269 36 252	325 39 953	242 19 609	
For grain or seed	farms acres	1 668 157 679	1 191 139 992	41 4 324	123 15 075	208 28 840	263 34 344	316 38 183	240 19 226	
Irrigated	farms acres	15 083 997 79 12 176	13 438 562 73 11 227	418 990 (D)	1 504 926 (D)	2 793 611 1 796	3 282 539 3 239	3 727 946 2 202	1 710 550 1 550	
Farms by acres harvested:										
1 to 24 acres	farms	612	355	14	31	43	64	78	125	
25 to 99 acres	farms	608	424	14	41	76	85	121	87	
100 to 499 acres	farms	400	365	11	49	76	102	102	25	
500 acres or more	farms	48	47	2	2	19	20	15	3	
Wheat for grain	farms acres	384 16 422	329 15 276	7 208	28 1 329	40 2 250	90 4 046	95 4 210	69 3 233	
Irrigated	bushels farms acres	576 855 2 (D)	541 553 (D)	6 491 —	41 865 —	81 069 —	153 433 —	149 659 —	109 036 (D)	
Farms by acres harvested:										
1 to 24 acres	farms	197	160	4	14	11	35	43	53	
25 to 99 acres	farms	153	135	3	8	23	44	44	13	
100 to 499 acres	farms	33	33	—	6	6	11	8	2	
500 acres or more	farms	1	1	—	—	—	—	—	1	
Barley for grain	farms acres	467 25 185	373 22 786	8 331	43 2 273	69 5 039	104 7 048	106 6 088	43 2 007	
Irrigated	bushels farms acres	1 109 242 5 162	1 020 643 5 162	13 580 —	102 301 2	225 883 1	322 113 209 218	273 297 1 534 887	83 469 671 896	
Soybeans for beans	farms acres	2 196 263 938	1 379 215 518	50 5 716	133 21 287	216 43 185	335 68 670	376 53 388	269 23 272	
Irrigated	bushels farms acres	7 542 863 30 2 106	6 210 889 26 2 057	158 855 —	622 080 370	1 203 953 533	2 019 218 686	1 534 887 (D)	671 896 (D)	
Farms by acres harvested:										
1 to 24 acres	farms	545	234	9	24	31	37	47	86	
25 to 99 acres	farms	900	515	21	36	62	107	160	129	
100 to 499 acres	farms	663	549	19	63	109	159	153	46	
500 acres or more	farms	88	81	1	10	14	32	16	8	
Irish potatoes	farms acres	56 6 103	49 6 035	1 (D)	3 (D)	8 1 192	15 2 682	17 1 779	5 1 11	
Irrigated	hundredweight farms acres	1 269 668 27 4 473	1 264 801 26 (D)	— 1	— 2	— 3	— 741	576 211 2 180	358 532 1 259	
Farms by acres harvested:										
0.1 to 0.9 acres	farms	14	11	—	—	4	2	1	4	
1.0 to 4.9 acres	farms	7	4	—	—	1	1	2	—	
5.0 to 24.9 acres	farms	2	2	—	—	—	—	1	1	
25.0 to 99.9 acres	farms	13	12	1	2	—	3	6	—	
100.0 acres or more	farms	20	20	—	1	3	9	7	—	
Hay crops (see text)	farms acres	736 21 794	495 17 328	15 629	48 1 478	82 3 035	122 4 850	121 4 001	107 3 335	
Irrigated	tons, dry farms acres	46 781 7 75	38 581 5 67	851 —	3 070 2	6 910 —	12 720 9 247	9 247 5 783	— —	
Farms by acres harvested:										
1 to 24 acres	farms	465	274	10	29	40	59	69	67	
25 to 99 acres	farms	237	191	4	17	36	55	44	35	
100 to 499 acres	farms	33	29	1	2	6	8	8	4	
500 acres or more	farms	1	1	—	—	—	—	—	1	
Alfalfa hay	farms acres	357 6 912	256 5 749	9 162	31 401	47 1 146	71 1 878	51 976	47 1 186	
Irrigated	tons, dry farms acres	19 936 5 55	16 875 4 52	270 —	1 392 2	3 167 —	6 313 —	3 310 —	2 423 —	
All vegetables harvested for sale (see text)	farms acres	388 41 053	277 39 113	13 385	27 1 534	60 9 153	75 17 045	68 9 944	34 1 052	
Irrigated	farms acres	123 15 317	110 14 701	6 156	14 1 242	24 3 379	36 5 992	23 3 621	7 312	
Farms by acres harvested:										
0.1 to 4.9 acres	farms	147	80	5	7	18	15	20	15	
5.0 to 24.9 acres	farms	85	58	2	8	9	9	21	9	
25.0 to 99.9 acres	farms	77	65	6	7	12	19	14	7	
100.0 acres or more	farms	79	74	—	5	21	32	13	3	

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**POULTRY—Con.**

	Total	Other occupations						65 years and over	
		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		
Chickens 3 months old or older sold	38	1	8	10	16	1	2		
farms number	189 660	(D)	105 463	22 104	61 248	(D)	(D)		
Broilers and other meat-type chickens sold	425	23	63	111	109	98	21		
farms number	48 541 256	1 417 150	6 787 003	13 274 633	10 388 479	15 084 571	1 589 420		
Farms with—									
1 to 1,999	15	—	3	5	7	—	—		
2,000 to 59,999	123	19	14	16	36	31	7		
60,000 to 99,999	100	—	15	32	19	26	8		
100,000 or more	187	4	31	58	47	41	6		
Turkey hens kept for breeding	4	—	1	1	2	—	—		
farms number	34	—	(D)	(D)	(D)	—	—		
Turkeys sold	7	—	1	1	4	1	—		
farms number	(D)	—	(D)	(D)	150	(D)	—		
CROPS HARVESTED									
Corn for all purposes	482	13	57	124	129	115	44		
farms acres	18 059	473	1 589	5 407	4 077	5 323	1 190		
For grain or seed	477	13	56	123	129	113	43		
farms acres	17 687	468	1 567	5 271	4 006	5 198	1 177		
Irrigated	6	—	135 574	485 690	364 906	517 123	96 892		
farms acres	949	—	—	—	77	872	—		
Farms by acres harvested:									
1 to 24 acres	257	7	33	66	74	54	23		
25 to 99 acres	184	5	22	42	48	49	18		
100 to 499 acres	35	1	1	15	7	9	2		
500 acres or more	1	—	—	—	—	1	—		
Wheat for grain	55	2	5	15	16	13	4		
farms acres	1 146	(D)	(D)	239	325	390	67		
Irrigated	35 302	(D)	(D)	7 044	10 737	12 807	2 090		
farms acres	—	—	—	—	—	—	—		
Farms by acres harvested:									
1 to 24 acres	37	1	4	11	11	7	3		
25 to 99 acres	18	1	1	4	5	6	1		
100 to 499 acres	—	—	—	—	—	—	—		
500 acres or more	—	—	—	—	—	—	—		
Barley for grain	94	3	13	29	19	25	5		
farms acres	2 399	49	221	760	610	656	103		
Irrigated	88 599	1 472	6 439	26 011	21 091	30 014	3 572		
farms acres	—	—	—	—	—	—	—		
Soybeans for beans	817	19	105	205	226	193	69		
farms acres	48 420	759	5 646	10 860	16 592	11 265	3 298		
Irrigated	1 331 974	20 357	159 102	295 421	458 115	309 545	89 434		
farms acres	4	—	—	1	2	1	—		
Farms by acres harvested:									
1 to 24 acres	311	6	45	79	81	70	30		
25 to 99 acres	385	12	47	97	109	89	31		
100 to 499 acres	114	1	12	27	33	34	7		
500 acres or more	7	—	1	2	3	—	1		
Irish potatoes	7	—	1	1	—	5	—		
farms acres	68	—	(D)	(D)	(D)	(D)	—		
Irrigated	4 867	—	(D)	(D)	(D)	(D)	—		
farms acres	1	—	—	—	—	—	(D)		
Farms by acres harvested:									
0.1 to 0.9 acres	3	—	1	—	—	2	—		
1.0 to 4.9 acres	3	—	—	1	—	2	—		
5.0 to 24.9 acres	—	—	—	—	—	—	—		
25.0 to 99.9 acres	1	—	—	—	—	1	—		
100.0 acres or more	—	—	—	—	—	—	—		
Hay crops (see text)	241	4	33	64	73	48	19		
farms acres	4 466	63	339	888	1 793	1 115	268		
Irrigated	8 200	38	714	1 919	3 170	1 989	370		
farms acres	2	—	—	1	1	—	—		
Farms by acres harvested:									
1 to 24 acres	191	3	30	55	55	33	15		
25 to 99 acres	46	1	3	8	15	15	4		
100 to 499 acres	4	—	—	1	3	—	—		
500 acres or more	—	—	—	—	—	—	—		
Alfalfa hay	101	2	16	31	29	15	8		
farms acres	1 163	(D)	(D)	321	377	235	79		
Irrigated	3 061	(D)	(D)	814	1 003	734	125		
farms acres	1	—	—	—	1	—	—		
All vegetables harvested for sale (see text)	111	7	19	34	25	21	5		
farms acres	1 940	42	314	254	936	387	8		
Irrigated	13	—	2	2	5	3	1		
farms acres	616	—	(D)	(D)	555	7	(D)		
Farms by acres harvested:									
0.1 to 4.9 acres	67	3	10	24	13	12	5		
5.0 to 24.9 acres	27	4	7	6	5	5	—		
25.0 to 99.9 acres	12	—	—	4	5	3	—		
100.0 acres or more	5	—	2	—	2	1	—		

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	Total	Farming						65 years and over	
		Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
CROPS HARVESTED—Con.									
Land in orchards	farms-- acres--	58 1 113	34 1 069	- -	1 (D)	4 (D)	10 368	6 82	13 123
Irrigated	farms-- acres--	3 147	3 147	- -	- (D)	2 (D)	1 2	- 2	- 8
Farms by acres in orchards:									
0.1 to 4.9 acres		35	15	-	1	2	5	3	4
5.0 to 24.9 acres		16	12	-	-	-	2	2	8
25.0 to 99.9 acres		4	4	-	-	-	2	1	1
100.0 acres or more		3	3	-	-	2	1	-	-

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						
	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
CROPS HARVESTED—Con.							
Land in orchards	forms	24	—	2	11	4	5
	acres	44	—	(D)	8	14	15
Irrigated	farms	—	—	—	—	—	—
	acres	—	—	—	—	—	—
Farms by acres in orchards:							
0.1 to 4.9 acres		20	—	2	11	2	3
5.0 to 24.9 acres		4	—	—	—	2	2
25.0 to 99.9 acres		—	—	—	—	—	—
100.0 acres or more		—	—	—	—	—	—

¹1978 data are based on a sample of farms; 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							65 years and over	
	Total	Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
F FARMS AND LAND IN FARMS									
Farms	1 638	668	25	57	78	89	136	283	
number									
percent	100.0	40.7	1.5	3.4	4.7	5.4	8.3	17.2	
Land in farms	112 734	57 296	1 700	3 714	5 296	8 875	15 329	22 382	
acres									
Average size of farm	69	86	68	65	68	100	113	79	
Value of land and buildings ¹									
farms	1 667	701	20	54	79	110	137	301	
\$1,000.	171 051	83 075							
Average per farm	102 609	118 509	117 780	95 722	136 380	166 878	134 994	92 775	
Average per acre	1 488	1 301	1 459	1 218	1 953	1 408	1 123	1 216	
Farms by value of land and buildings:									
\$1 to \$19,999	122	38	—	—	4	—	5	29	
\$20,000 to \$39,999	240	81	—	12	10	9	10	40	
\$40,000 to \$69,999	372	163	—	15	2	17	26	103	
\$70,000 to \$99,999	316	127	4	13	11	26	35	38	
\$100,000 to \$149,999	275	129	12	5	35	23	30	24	
\$150,000 to \$199,999	170	64	4	4	6	7	6	37	
\$200,000 to \$499,999	148	82	—	5	5	28	14	30	
\$500,000 to \$999,999	24	17	—	—	6	—	11	—	
\$1,000,000 or more	—	—	—	—	—	—	—	—	
Owned and rented land by operator:									
Land owned	1 423	572	4	32	66	79	125	266	
farms									
acres	98 353	50 111	291	1 230	4 091	7 017	14 662	22 820	
Land rented or leased from others	518	224	23	42	28	32	45	54	
farms									
acres	26 585	14 288	1 409	2 492	1 470	2 525	2 987	3 405	
Land rented or leased to others	189	87	—	8	7	9	15	48	
farms									
acres	12 204	7 103	—	8	265	667	2 320	3 843	
L LAND IN FARMS ACCORDING TO USE									
Total cropland	1 543	643	25	54	75	86	134	269	
farms									
acres	71 346	35 852	1 347	2 941	3 278	5 359	9 444	13 483	
Harvested cropland	1 462	628	24	53	73	84	132	262	
farms									
acres	59 998	30 230	1 263	2 773	2 902	4 350	7 731	11 211	
Farms by acres harvested:									
1 to 9 acres	267	87	1	10	13	15	14	34	
10 to 29 acres	466	183	6	9	24	12	34	98	
30 to 49 acres	257	130	10	13	13	21	25	48	
50 to 99 acres	346	141	4	12	17	26	32	50	
100 to 199 acres	116	79	2	8	5	9	25	30	
200 to 499 acres	10	8	1	1	1	1	2	2	
500 acres or more	—	—	—	—	—	—	—	—	
Cropland:									
Pasture or grazing only	386	145	4	8	19	22	40	52	
farms									
acres	6 997	3 253	32	65	289	328	1 306	1 233	
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	63	37	1	1	2	8	9	16	
farms									
acres	1 327	1 037	(D)	(D)	(D)	498	146	311	
On which all crops failed	71	27	1	1	5	6	4	10	
farms									
acres	467	193	(D)	(D)	19	55	20	89	
In cultivated summer fallow	28	11	—	—	—	3	4	4	
farms									
acres	340	141	—	—	—	40	21	80	
Idle	173	76	3	5	6	10	18	34	
farms									
acres	2 237	998	20	91	20	88	220	559	
Total woodland	817	374	6	18	40	52	79	179	
farms									
acres	30 459	15 600	269	475	1 718	2 528	4 470	6 140	
Woodland pastured	148	81	1	7	4	9	19	41	
farms									
acres	2 238	1 189	(D)	(D)	15	183	440	486	
Woodland not pastured	722	320	6	16	40	48	67	143	
farms									
acres	28 221	14 411	(D)	(D)	1 703	2 345	4 030	5 654	
Pastureland and rangeland other than cropland and woodland pastured	122	69	4	9	5	6	5	40	
farms									
acres	1 416	785	59	136	60	99	49	382	
Land in house lots, ponds, roads, wasteland, etc.	1 008	404	4	26	44	51	89	190	
farms									
acres	9 493	5 059	25	162	240	889	1 366	2 377	
Pastureland, all types	534	227	8	14	25	28	50	102	
farms									
acres	10 651	5 227	96	261	364	610	1 795	2 101	
Irrigated land	54	25	3	1	6	4	8	3	
farms									
acres	503	260	(D)	(D)	62	70	57	5	
Harvested cropland irrigated	51	24	2	1	6	4	8	3	
farms									
acres	428	(D)	(D)	(D)	62	70	57	5	
Postureland irrigated	5	1	1	—	—	—	—	—	
farms									
acres	58	(D)	(D)	—	—	—	—	—	
Other land irrigated	3	—	—	—	—	—	—	—	
farms									
acres	17	—	—	—	—	—	—	—	
Land set aside in the federal farm programs in 1978	65	37	2	3	5	3	10	14	
farms									
acres	486	339	(D)	(D)	48	15	101	91	
R RACE AND TENURE OF OPERATOR									
All operators	1 638	668	25	57	78	89	136	283	
number									
Full owners	1 122	445	2	15	50	58	91	229	
Part owners	300	127	2	17	16	21	34	37	
Tenants	216	96	21	25	12	10	11	17	
White	1 562	638	25	56	72	85	132	268	
number									
Full owners	1 071	426	2	15	46	57	91	215	
Part owners	281	120	2	17	16	18	31	36	
Tenants	210	92	21	24	10	10	10	17	
Black and other races	76	30	—	1	6	4	1	15	
number									
Full owners	51	19	—	—	—	3	3	14	
Part owners	19	7	—	—	—	—	—	1	
Tenants	6	4	—	1	2	—	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]

		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 With Sales of Less Than \$20,000								
F FARMS AND LAND IN FARMS								
Farms	number	970	21	138	250	255	213	93
	percent	59.2	1.2	8.4	15.2	15.5	13.0	5.6
Land in farms	acres	55 438	896	6 825	12 377	16 190	13 982	5 168
Average size of farm	acres	57	43	49	50	63	66	56
Value of land and buildings ¹	farms	966	22	133	210	256	246	99
\$1,000		87 976	1 523	10 893	19 305	26 772	22 870	6 614
Average per farm	dollars	91 072	69 214	81 898	91 926	104 578	92 967	66 805
Average per acre	dollars	1 722	1 163	1 594	1 919	1 863	1 628	1 482
Farms by value of land and buildings:								
\$1 to \$19,999		84	1	31	5	22	17	8
\$20,000 to \$39,999		159	—	8	41	50	44	16
\$40,000 to \$69,999		209	10	31	49	32	57	30
\$70,000 to \$99,999		189	6	27	34	37	56	29
\$100,000 to \$149,999		146	5	21	43	38	28	11
\$150,000 to \$199,999		106	—	1	25	45	30	5
\$200,000 to \$499,999		66	—	14	12	32	8	—
\$500,000 to \$999,999		7	—	—	1	—	6	—
\$1,000,000 or more		—	—	—	—	—	—	—
Owned and rented land by operator:								
Land owned	farms	851	3	114	213	233	200	88
	acres	48 242	185	4 941	9 461	14 191	13 604	5 860
Land rented or leased from others	farms	294	19	55	92	77	42	9
	acres	12 297	718	2 401	3 591	3 627	1 651	309
Land rented or leased to others	farms	102	1	11	16	24	33	17
	acres	5 101	(D)	(D)	675	1 628	1 273	1 001
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	900	20	128	228	233	201	90
	acres	35 514	837	4 378	8 199	10 888	8 453	2 759
Harvested cropland	farms	834	20	113	207	216	188	90
	acres	29 768	833	3 828	7 033	8 646	6 984	2 444
Farms by acres harvested:								
1 to 9 acres		180	2	37	50	36	27	28
10 to 29 acres		283	8	34	69	68	76	28
30 to 49 acres		127	2	9	34	41	24	17
50 to 99 acres		205	7	26	43	60	52	17
100 to 199 acres		37	1	6	11	10	9	—
200 to 499 acres		2	—	1	—	1	—	—
500 acres or more		—	—	—	—	—	—	—
Cropland:								
Pasture or grazing only	farms	241	—	44	67	60	60	10
	acres	3 744	—	351	814	1 462	872	245
'Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	26	—	3	9	6	6	2
	acres	290	—	87	86	37	72	8
On which all crops failed	farms	44	—	3	17	14	10	—
	acres	274	—	49	70	80	75	—
In cultivated summer fallow	farms	17	—	3	3	6	4	1
	acres	199	—	14	24	114	(D)	(D)
Idle	farms	97	1	7	17	38	25	9
	acres	1 239	(D)	(D)	172	549	427	38
Total woodland	farms	443	3	55	109	110	118	48
	acres	14 859	47	1 756	2 933	3 921	4 446	1 756
Woodland pastured	farms	67	—	8	15	19	16	9
	acres	1 049	—	67	116	331	336	199
Woodland not pastured	farms	402	3	49	103	100	108	39
	acres	13 810	47	1 689	2 817	3 590	4 110	1 557
Pastureland and rangeland other than cropland and woodland pastured	farms	53	—	6	11	16	13	7
	acres	631	—	30	72	192	217	120
Land in house lots, ponds, roads, wasteland, etc.	farms	604	5	89	167	157	131	55
	acres	4 434	12	661	1 173	1 189	866	533
Pastureland, all types	farms	307	—	52	81	77	74	23
	acres	5 424	—	448	1 002	1 985	1 425	564
Irrigated land	farms	29	1	1	6	10	8	3
	acres	243	(D)	(D)	22	153	51	11
Harvested cropland irrigated	farms	27	1	1	5	10	8	2
	acres	186	(D)	(D)	21	102	51	(D)
Pastureland irrigated	farms	4	—	—	1	3	—	—
	acres	40	—	—	(D)	39	—	—
Other land irrigated	farms	3	—	—	—	2	—	1
	acres	17	—	—	—	(D)	—	(D)
Land set aside in the federal farm programs in 1978	farms	28	1	3	7	11	4	2
	acres	147	(D)	13	28	63	25	(D)
RACE AND TENURE OF OPERATOR								
All operators	number	970	21	138	250	255	213	93
Full owners	number	677	2	83	159	178	171	84
Part owners	number	173	1	31	54	54	29	4
Tenants	number	120	18	24	37	23	13	5
White	number	924	21	135	242	242	198	86
Full owners	number	645	2	82	155	171	158	77
Part owners	number	161	1	29	50	49	28	4
Tenants	number	118	18	24	37	22	12	5
Black and other races	number	46	—	3	8	13	15	7
Full owners	number	32	—	1	4	7	13	7
Part owners	number	12	—	2	4	5	1	—
Tenants	number	2	—	—	—	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	Farming							65 years and over	
	Total	Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
F FARMS BY TYPE OF ORGANIZATION									
Individual or family	farms acres	1 509 100 935	621 52 569	1 24 1 541	3 54 1 589	70 4 401	81 8 537	129 14 570	
Partnership	farms acres	99 8 895	38 4 258	1 (D)	1 (D)	4 659	8 338	4 626	
Corporations:									
Family held	farms acres	19 2 269	6 350	—	2 (D)	2 (D)	—	2 (D)	
More than 10 stockholders	farms acres	1	—	—	—	—	—	—	
10 or less stockholders	farms acres	18 1	6 —	2	2	—	—	2	
Other than family held	farms acres	3 51	1 (D)	—	—	—	—	(D)	
More than 10 stockholders	farms acres	1 2	— 1	—	—	—	—	—	
10 or less stockholders	farms acres	2 8	1 2	—	—	2	—	1	
Other—cooperative, estate or trust, etc.	farms acres	8 584	2 (D)	—	—	(D)	—	—	
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated		1 185	496	12	30	54	58	112	
Not on farm operated		264	93	10	19	16	19	14	
Operators by age group:									
Under 25 years		46	25	25	—	—	—	—	
25 to 34 years		195	57	—	57	—	—	—	
35 to 44 years		328	78	—	—	78	—	—	
45 to 54 years		344	89	—	—	—	89	—	
55 to 64 years		349	136	—	—	—	—	136	
65 years and over		376	283	—	—	—	—	283	
Average age		51.6	57.7	22.4	29.3	39.7	50.0	59.8	
Operators by sex:									
Male		1 544	642	24	56	73	88	127	
Female		94	26	1	1	5	1	9	
Operators of Spanish origin		13	5	—	1	—	—	4	
Operators by principal occupation:									
Farming		668	668	25	57	78	89	136	
Other		970	—	—	—	—	—	—	
Operators reporting days of work off farm:									
None		524	415	13	20	31	36	91	
1 to 99 days		141	93	4	21	20	11	18	
100 to 199 days		167	38	2	6	10	9	8	
200 days or more		727	43	3	8	8	11	9	
F FARMS BY SIZE									
1 to 9 acres		217	66	1	14	9	9	9	
10 to 49 acres		599	206	12	11	31	20	32	
50 to 69 acres		201	75	4	11	11	11	15	
70 to 99 acres		226	89	2	9	9	7	17	
100 to 139 acres		179	95	2	7	10	16	21	
140 to 179 acres		103	58	2	2	2	8	13	
180 to 219 acres		49	35	1	2	3	9	10	
220 to 259 acres		24	18	1	—	—	6	5	
260 to 499 acres		35	24	—	1	3	3	11	
500 to 999 acres		5	2	—	—	—	—	2	
1,000 to 1,999 acres		—	—	—	—	—	—	—	
2,000 acres or more		—	—	—	—	—	—	—	
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)									
Cash grain farms (011)		999	411	17	31	38	51	97	
Field crop, except cash grain farms (013)		54	19	1	—	2	7	5	
Cotton farms (0131)		—	—	—	—	—	—	—	
Tobacco farms (0132)		—	—	—	—	—	—	—	
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		54	19	1	—	2	7	5	
Vegetable and melon farms (016)		56	27	2	1	8	5	6	
Fruit and tree nut farms (017)		18	11	—	1	—	—	2	
Horticultural specialty farms (018)		54	25	—	1	6	7	6	
General farms, primarily crop (019)		32	9	—	1	1	—	7	
Livestock farms, except dairy, poultry, and animal specialty (021)		277	108	1	16	9	9	11	
Beef cattle farms, except feedlots (0212)		67	35	1	9	2	3	7	
Dairy farms (024)		29	20	3	3	5	4	4	
Poultry and egg farms (025)		45	21	—	2	6	3	2	
Animal specialty farms (027)		60	13	1	1	3	3	2	
General farms, primarily livestock (029)		14	4	—	—	—	—	1	
VALUE OF AGRICULTURAL PRODUCTS SOLD									
Market value of agricultural products sold	forms \$1,000	1 638	668	25	57	78	89	136	
Farms by value of agricultural products sold:		10 580	5 181	190	608	585	746	1 176	
\$15,000 or more		157	98	4	15	9	20	23	
\$10,000 to \$14,999		254	114	3	14	16	10	30	
\$5,000 to \$9,999		425	212	8	22	20	27	41	
\$2,500 to \$4,999		358	128	7	5	15	15	64	
Less than \$2,500		444	116	3	1	18	17	20	
\$2,000 to \$2,499		91	21	—	—	5	2	6	
\$1,500 to \$1,999		104	39	2	—	8	8	5	
\$1,000 to \$1,499		95	27	—	—	4	3	6	
Less than \$1,000		154	29	1	1	1	4	3	

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						
	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
F FARMS BY TYPE OF ORGANIZATION							
Individual or family	888	20	130	232	234	187	85
farms	48 366	830	5 562	10 722	14 756	11 830	4 666
acres	61	1	3	17	16	18	6
Partnership	4 637	(D)	(D)	1 654	989	1 510	314
Corporations:							
Family held	farms	13	—	3	4	5	1
acres	1 919	—	1 043	—	(D)	388	(D)
More than 10 stockholders	farms	1	—	1	—	—	—
10 or less stockholders	farms	12	—	2	4	5	1
Other than family held	farms	2	—	1	—	1	—
acres	(D)	—	—	(D)	—	(D)	—
More than 10 stockholders	farms	1	—	1	—	—	—
10 or less stockholders	farms	1	—	—	—	1	—
Other—cooperative, estate or trust, etc.	farms	6	—	2	1	2	1
acres	470	—	(D)	—	(D)	(D)	(D)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	689	9	98	185	185	141	71
Not on farm operated	171	9	19	45	45	43	10
Operators by age group:							
Under 25 years	21	21	—	—	—	—	—
25 to 34 years	138	—	138	—	—	—	—
35 to 44 years	250	—	—	250	—	—	—
45 to 54 years	255	—	—	255	—	—	—
55 to 64 years	213	—	—	—	213	—	—
65 years and over	93	—	—	—	—	93	—
Average age	47.5	21.6	29.9	39.2	49.1	59.0	70.9
Operators by sex:							
Male	902	21	134	234	242	193	78
Female	68	—	4	16	13	20	15
Operators of Spanish origin	8	—	—	7	—	1	—
Operators by principal occupation:							
Farming	—	—	—	—	—	—	—
Other	970	21	138	250	255	213	93
Operators reporting days of work off farm:							
None	109	1	9	5	9	32	53
1 to 99 days	48	—	7	8	10	15	8
100 to 199 days	129	4	16	37	30	27	15
200 days or more	684	16	106	200	206	139	17
F FARMS BY SIZE							
1 to 9 acres	151	2	27	43	37	21	21
10 to 49 acres	393	11	68	116	90	81	27
50 to 69 acres	126	3	9	25	35	38	16
70 to 99 acres	137	4	17	29	43	28	16
100 to 139 acres	84	—	7	21	23	25	8
140 to 179 acres	45	1	7	9	14	10	4
180 to 219 acres	14	—	1	3	6	4	—
220 to 259 acres	6	—	—	1	3	2	—
260 to 499 acres	11	—	1	2	4	4	—
500 to 999 acres	3	—	1	1	—	1	—
1,000 to 1,999 acres	—	—	—	—	—	—	—
2,000 acres or more	—	—	—	—	—	—	—
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	588	16	71	144	159	141	57
Field crop, except cash grain farms (013)	35	—	2	8	8	13	4
Cotton farms (0131)	—	—	—	—	—	—	—
Tobacco farms (0132)	—	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	35	—	2	8	8	13	4
Vegetable and melon farms (016)	29	3	7	10	3	5	1
Fruit and tree nut farms (017)	7	—	—	2	2	3	—
Horticultural specialty farms (018)	29	—	4	5	7	7	6
General farms, primarily crop (019)	23	—	6	5	6	—	6
Livestock farms, except dairy, poultry, and animal specialty (021)	169	2	33	54	40	29	11
Beef cattle farms, except feedlots (0212)	32	—	6	5	11	8	2
Dairy farms (024)	9	—	2	3	2	1	1
Poultry and egg farms (025)	24	—	2	5	10	2	5
Animal specialty farms (027)	47	—	7	14	15	9	2
General farms, primarily livestock (029)	10	—	4	—	3	3	—
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold	970	21	138	250	255	213	93
farms	\$ 400	132	746	1 396	1 479	1 185	463
Farms by value of agricultural products sold:							
\$15,000 or more	59	1	7	17	19	11	4
\$10,000 to \$14,999	140	4	26	33	37	32	8
\$5,000 to \$9,999	213	5	19	57	61	49	22
\$2,500 to \$4,999	230	7	27	55	59	52	30
Less than \$2,500	328	4	59	88	79	69	29
\$2,000 to \$2,499	70	—	14	13	18	20	5
\$1,500 to \$1,999	65	1	8	22	15	16	3
\$1,000 to \$1,499	68	—	17	14	20	10	7
Less than \$1,000	125	3	20	39	26	23	14

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						65 years and over		
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
VALUE OF PRODUCTS SOLD—Con.										
Market value of agricultural products sold—Con.										
Grain	farms	1 128	487	19	35	45	60	104		
\$1,000	farms	7 105	3 356	137	322	259	481	803		
Sales of \$5,000 or more	farms	566	270	11	27	19	39	70		
Commodity Credit Corporation loans	farms	5 735	2 851	112	294	202	444	716		
\$1,000	farms	20	13	—	—	1	2	5		
Cotton and cottonseed	farms	55	47	—	—	(D)	(D)	19		
\$1,000	farms	—	—	—	—	—	—	—		
Sales of \$5,000 or more	farms	—	—	—	—	—	—	—		
Commodity Credit Corporation loans	farms	—	—	—	—	—	—	—		
\$1,000	farms	—	—	—	—	—	—	—		
Tobacco	farms	—	—	—	—	—	—	—		
\$1,000	farms	—	—	—	—	—	—	—		
Sales of \$5,000 or more	farms	—	—	—	—	—	—	—		
Field seeds, hay, forage, and silage	farms	127	52	1	1	7	8	11		
\$1,000	farms	229	109	(D)	(D)	(D)	12	34		
Sales of \$5,000 or more	farms	7	3	—	—	—	—	2		
Vegetables, sweet corn, and melons	farms	53	28	—	—	—	—	(D)		
\$1,000	farms	132	63	2	4	14	11	15		
Sales of \$5,000 or more	farms	366	217	(D)	(D)	66	45	56		
\$1,000	farms	16	10	—	2	3	2	3		
Fruits, nuts, and berries	farms	177	120	—	(D)	31	(D)	42		
\$1,000	farms	27	12	—	1	1	1	5		
Sales of \$5,000 or more	farms	50	34	—	(D)	(D)	6	18		
\$1,000	farms	2	2	—	1	—	—	1		
Nursery and greenhouse products	farms	(D)	(D)	—	(D)	—	—	(D)		
\$1,000	farms	62	29	—	1	6	7	9		
Sales of \$5,000 or more	farms	358	148	—	(D)	(D)	32	48		
\$1,000	farms	25	12	—	1	3	2	4		
Other crops	farms	268	110	—	(D)	(D)	(D)	42		
\$1,000	farms	9	8	—	—	1	2	2		
Sales of \$5,000 or more	farms	6	6	—	—	(D)	(D)	1		
\$1,000	farms	—	—	—	—	—	—	—		
Poultry and poultry products	farms	120	59	1	4	14	5	11		
\$1,000	farms	451	244	—	33	68	37	39		
Sales of \$5,000 or more	farms	30	17	—	2	5	3	2		
\$1,000	farms	385	214	—	(D)	61	37	(D)		
Dairy products	farms	45	30	3	3	8	4	7		
\$1,000	farms	312	230	30	34	52	47	48		
Sales of \$5,000 or more	farms	29	21	3	3	5	4	5		
\$1,000	farms	300	221	30	34	50	47	(D)		
Cattle and calves	farms	252	137	6	22	16	18	27		
\$1,000	farms	574	366	7	96	36	57	72		
Sales of \$5,000 or more	farms	32	23	—	10	3	4	3		
\$1,000	farms	257	189	—	77	16	29	45		
Hogs and pigs	farms	305	123	5	11	13	11	20		
\$1,000	farms	832	365	3	56	34	19	42		
Sales of \$5,000 or more	farms	40	12	—	4	2	—	6		
\$1,000	farms	373	97	—	35	17	—	45		
Sheep, lambs, and wool	farms	15	9	—	2	1	1	4		
\$1,000	farms	14	10	—	(D)	(D)	(D)	2		
Sales of \$5,000 or more	farms	—	—	—	—	—	—	(D)		
\$1,000	farms	—	—	—	—	—	—	—		
Other livestock and livestock products (see text)	farms	125	40	4	3	9	6	8		
\$1,000	farms	283	96	6	19	25	11	24		
Sales of \$5,000 or more	farms	16	4	—	1	1	1	—		
\$1,000	farms	157	50	—	(D)	(D)	(D)	—		
SELECTED FARM PRODUCTION EXPENSES¹										
Livestock and poultry purchased	farms	436	195	11	23	41	26	22		
\$1,000	farms	550	260	18	30	23	84	7		
Farms with expenses of—								98		
\$1 to \$499		176	75	4	8	23	11	14		
\$500 to \$2,499		203	97	6	14	18	9	8		
\$2,500 to \$4,999		36	16	—	1	—	—	15		
\$5,000 or more		21	7	1	—	—	6	—		
Feed for livestock and poultry	farms	636	271	11	19	48	37	61		
\$1,000	farms	1 035	446	24	44	86	73	95		
Farms with expenses of—								124		
\$1 to \$499		238	102	—	—	24	16	16		
\$500 to \$2,499		249	92	7	12	11	9	33		
\$2,500 to \$4,999		103	52	4	1	7	5	7		
\$5,000 or more		46	25	—	6	6	7	1		
Commercially mixed formula feeds	farms	327	134	11	6	27	20	21		
tons		3 673	1 461	82	202	320	173	136		
\$1,000	farms	582	228	11	31	50	26	21		
Forms by tons purchased:								550		
1 to 49 tons		220	81	7	—	16	13	18		
50 to 99 tons		95	53	4	6	11	7	3		
100 tons or more		12	—	—	—	—	—	22		
Farms with expenses of—								90		
\$1 to \$499		115	44	—	—	14	12	8		
\$500 to \$2,499		124	44	11	—	2	2	12		
\$2,500 to \$4,999		56	34	—	—	6	5	1		
\$5,000 or more		32	12	—	6	5	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

VALUE OF PRODUCTS SOLD—Con.

	Total	Other occupations					
		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
Market value of agricultural products sold—Con.							
Grain	farms	641	17	78	159	172	152
\$1,000	farms	3 749	118	471	913	1 069	840
Sales of \$5,000 or more	farms	296	9	35	73	86	68
\$1,000	farms	2 884	97	377	714	836	640
Commodity Credit Corporation loans	farms	7	—	—	—	3	4
\$1,000	farms	8	—	—	—	5	2
Cotton and cottonseed	farms	—	—	—	—	—	—
\$1,000	farms	—	—	—	—	—	—
Sales of \$5,000 or more	farms	—	—	—	—	—	—
\$1,000	farms	—	—	—	—	—	—
Commodity Credit Corporation loans	farms	—	—	—	—	—	—
\$1,000	farms	—	—	—	—	—	—
Tobacco	farms	—	—	—	—	—	—
\$1,000	farms	—	—	—	—	—	—
Sales of \$5,000 or more	farms	—	—	—	—	—	—
\$1,000	farms	—	—	—	—	—	—
Field seeds, hay, forage, and silage	farms	75	—	6	22	26	14
\$1,000	farms	120	—	10	43	32	29
Sales of \$5,000 or more	farms	4	—	—	2	1	1
\$1,000	farms	25	—	—	(D)	(D)	(D)
Vegetables, sweet corn, and melons	farms	69	3	13	25	11	13
\$1,000	farms	148	7	23	74	17	22
Sales of \$5,000 or more	farms	6	—	—	5	—	1
\$1,000	farms	57	—	—	(D)	—	(D)
Fruits, nuts, and berries	farms	15	1	1	5	2	4
\$1,000	farms	16	(D)	(D)	7	(D)	(D)
Sales of \$5,000 or more	farms	—	—	—	—	—	—
\$1,000	farms	—	—	—	—	—	—
Nursery and greenhouse products	farms	33	—	5	6	7	8
\$1,000	farms	210	—	35	15	56	69
Sales of \$5,000 or more	farms	13	—	2	1	3	4
\$1,000	farms	158	—	(D)	(D)	(D)	24
Other crops	farms	1	—	—	—	—	—
\$1,000	farms	(D)	—	—	—	(D)	—
Sales of \$5,000 or more	farms	—	—	—	—	—	—
\$1,000	farms	—	—	—	—	—	—
Poultry and poultry products	farms	61	—	10	17	18	9
\$1,000	farms	207	—	26	43	62	36
Sales of \$5,000 or more	farms	13	—	2	3	4	2
\$1,000	farms	171	—	(D)	38	44	(D)
Dairy products	farms	15	—	4	4	5	1
\$1,000	farms	83	—	18	27	20	(D)
Sales of \$5,000 or more	farms	8	—	2	2	2	1
\$1,000	farms	79	—	(D)	(D)	(D)	(D)
Cattle and calves	farms	115	—	18	37	33	21
\$1,000	farms	208	—	39	69	58	35
Sales of \$5,000 or more	farms	9	—	2	3	3	1
\$1,000	farms	68	—	(D)	21	23	(D)
Hogs and pigs	farms	182	5	42	60	38	26
\$1,000	farms	467	4	99	161	115	70
Sales of \$5,000 or more	farms	28	—	6	10	8	4
\$1,000	farms	276	—	57	112	72	36
Sheep, lambs, and wool	farms	6	—	1	2	2	1
\$1,000	farms	3	—	(D)	(D)	(D)	(D)
Sales of \$5,000 or more	farms	—	—	—	—	—	—
\$1,000	farms	—	—	—	—	—	—
Other livestock and livestock products (see text)	farms	85	1	12	23	24	20
\$1,000	farms	(D)	—	23	44	47	69
Sales of \$5,000 or more	farms	12	—	1	3	2	6
\$1,000	farms	107	—	(D)	21	(D)	64
SELECTED FARM PRODUCTION EXPENSES*							
Livestock and poultry purchased	farms	241	1	44	55	74	60
\$1,000	farms	291	(D)	(D)	84	49	44
Farms with expenses of—							
\$1 to \$499	farms	101	1	17	15	43	24
\$500 to \$2,499	farms	106	—	17	24	30	29
\$2,500 to \$4,999	farms	20	—	—	12	1	7
\$5,000 or more	farms	14	—	10	4	—	—
Feed for livestock and poultry	farms	365	7	51	82	119	86
\$1,000	farms	589	1	130	129	164	101
Forms with expenses of—							
\$1 to \$499	farms	136	6	18	25	43	37
\$500 to \$2,499	farms	157	1	18	41	48	42
\$2,500 to \$4,999	farms	51	—	10	8	26	7
\$5,000 or more	farms	21	—	5	8	2	—
Commercially mixed formula feeds	farms	193	1	33	45	65	30
tons	tons	2 212	3	568	559	536	173
\$1,000	farms	353	1	85	94	88	22
Forms by tons purchased:							
1 to 49 tons	farms	139	1	17	32	52	24
50 to 99 tons	farms	42	—	11	12	13	6
100 tons or more	farms	12	—	5	1	—	6
Forms with expenses of—							
\$1 to \$499	farms	71	—	—	19	26	19
\$500 to \$2,499	farms	80	1	18	13	31	11
\$2,500 to \$4,999	farms	22	—	10	5	7	6
\$5,000 or more	farms	20	—	5	8	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	Farming						
		Age of operator						65 years and over
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	
SELECTED FARM PRODUCTION EXPENSES¹ — Con.								
Animal health costs	forms \$1,000--	370 93	160 36	11 2	9 2	38 12	19 15	25 2
Farms with expenses of —								58 4
\$1 to \$99		189	88	6	—	13	6	12
\$100 to \$999		157	59	5	9	19	7	13
\$1,000 to \$4,999		7	1	—	—	—	—	6
\$5,000 or more		17	12	—	—	6	6	—
Seeds, bulbs, plants, and trees	forms \$1,000--	1 101 438	530 223	20 11	44 21	51 19	97 43	116 46
Farms with expenses of —								202 83
\$1 to \$99		129	45	—	—	—	6	13
\$100 to \$999		619	292	6	22	34	56	73
\$1,000 to \$4,999		271	152	10	15	16	28	20
\$5,000 or more		82	41	4	7	1	7	10
Commercial fertilizer	forms \$1,000--	1 295 1 338	596 719	20 41	48 97	55 85	98 131	118 166
Farms with expenses of —								257 200
\$1 to \$499		546	238	—	18	15	50	25
\$500 to \$999		283	110	5	9	12	8	36
\$1,000 to \$2,499		347	172	10	12	13	24	40
\$2,500 or more		119	76	5	9	15	16	17
Other agricultural chemicals including lime	forms \$1,000--	1 249 658	526 328	20 13	40 29	52 27	93 42	106 101
Farms with expenses of —								215 116
\$1 to \$499		778	294	8	20	36	68	41
\$500 to \$999		284	123	11	4	10	13	36
\$1,000 to \$2,499		171	96	1	16	6	7	21
\$2,500 or more		16	13	—	—	5	5	45
Energy and petroleum products	forms \$1,000--	1 647 1 076	701 538	20 9	54 75	79 68	110 91	137 131
Farms with expenses of —								301 164
\$1 to \$499		865	298	14	5	24	56	48
\$500 to \$999		391	189	6	10	24	19	37
\$1,000 to \$2,499		362	199	—	34	31	30	47
\$2,500 or more		29	15	—	5	—	5	—
Petroleum products	forms \$1,000--	1 647 884	701 433	20 8	54 53	79 61	110 79	137 105
Gasoline	forms \$1,000--	1 541 642	648 319	20 6	48 33	74 49	98 61	131 74
Diesel fuel	forms \$1,000--	412	184	5	25	13	33	39
LP gas, butane, and propane	forms \$1,000--	102	41	1	9	3	7	9
Fuel oil	forms \$1,000--	55	33	—	4	(D)	(D)	5
Natural gas	forms \$1,000--	24	14	—	—	(D)	(D)	2
Kerosene, motor oil, and grease	forms \$1,000--	64	38	—	—	1	16	13
Electricity	forms \$1,000--	24	17	—	—	(D)	(D)	9
Other — coal, wood, coke, etc.	forms \$1,000--	15	7	—	6	—	—	4
Hired farm labor	forms \$1,000--	1 647 90	701 40	20 1	54 6	79 4	110 4	137 11
Contract labor	forms \$1,000--	769	413	6	44	41	60	84
Farms with expenses of —								178
\$1 to \$499		257	145	11	17	24	23	12
\$500 to \$2,499		162	87	—	5	11	22	30
\$2,500 to \$4,999		33	8	—	4	2	—	2
\$5,000 or more		9	4	—	—	—	—	4
Workers by number of days worked:								
150 days or more	forms workers--	54	22	—	4	—	6	11
Less than 150 days	forms workers--	55 451	22 235	—	4	—	6	11
Contract labor	forms \$1,000--	1 332	779	33	72	86	159	188
Customwork, machine hire, and rental of machinery and equipment	forms \$1,000--	115 76	64 47	4	—	7	6	14
Farms with expenses of —								33
\$1 to \$499		48	20	4	—	1	6	6
\$500 to \$999		26	12	—	—	—	—	3
\$1,000 to \$2,499		41	32	—	—	6	—	12
\$2,500 or more		—	—	—	—	—	—	18
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services	forms \$1,000--	760 166	311 93	11 4	42 31	17 6	59 40	58 49
Value of agricultural products sold directly to individuals for human consumption	forms \$1,000--	415 214 101 30	167 69 56 19	6 5 — —	25 7 6 4	12 5 — —	39 11 4 5	19 20 19 10

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						
	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 EXPENSES¹—Con.							
Animal health costs.....	farms-\$1,000--	210	5	38	36	74	45
Farms with expenses of—		56	—	29	8	12	6
\$1 to \$99.....		101	5	18	12	25	35
\$100 to \$999.....		98	—	15	18	49	10
\$1,000 to \$4,999.....		6	—	—	6	—	—
\$5,000 or more.....		5	—	5	—	—	—
Seeds, bulbs, plants, and trees.....	farms-\$1,000--	571	12	91	128	157	113
Farms with expenses of—		215	7	38	45	58	39
\$1 to \$99.....		84	—	14	17	22	12
\$100 to \$999.....		327	6	51	78	85	78
\$1,000 to \$4,999.....		119	—	18	28	38	18
\$5,000 or more.....		41	6	8	5	12	5
Commercial fertilizer.....	farms-\$1,000--	699	20	91	147	176	193
Farms with expenses of—		619	21	116	135	171	140
\$1 to \$499.....		308	4	45	53	66	96
\$500 to \$999.....		173	5	7	45	40	66
\$1,000 to \$2,499.....		175	11	20	40	62	24
\$2,500 or more.....		43	—	19	9	8	7
Other agricultural chemicals including lime.....	farms-\$1,000--	723	20	98	146	212	169
Farms with expenses of—		330	15	39	62	106	87
\$1 to \$499.....		484	4	64	106	119	120
\$500 to \$999.....		161	16	32	28	64	21
\$1,000 to \$2,499.....		75	—	1	11	29	27
\$2,500 or more.....		3	—	1	1	—	1
Energy and petroleum products.....	farms-\$1,000--	946	21	129	205	251	241
Farms with expenses of—		538	12	82	96	167	126
\$1 to \$499.....		567	10	66	153	119	152
\$500 to \$999.....		202	5	34	17	78	49
\$1,000 to \$2,499.....		163	6	29	29	53	40
\$2,500 or more.....		14	—	—	6	1	7
Petroleum products.....	farms-\$1,000--	946	21	129	205	251	241
Farms with expenses of—		451	9	76	85	132	106
Gasoline.....	farms-\$1,000--	893	16	120	192	242	230
Diesel fuel.....	farms-\$1,000--	323	6	53	64	97	81
LP gas, butane, and propane.....	farms-\$1,000--	228	10	42	46	56	65
Fuel oil.....	farms-\$1,000--	61	2	12	10	19	14
Natural gas.....	farms-\$1,000--	22	—	4	8	4	—
Kerosene, motor oil, and grease.....	farms-\$1,000--	10	—	1	2	—	7
Electricity.....	farms-\$1,000--	26	—	4	—	11	6
Other—coal, wood, coke, etc.	farms-\$1,000--	7	—	(D)	—	3	—
Hired farm labor.....	farms-\$1,000--	1	—	(D)	—	—	(D)
Farms with expenses of—		217	6	38	23	82	49
\$1 to \$499.....		216	1	54	14	112	16
\$500 to \$2,499.....		112	6	13	18	38	36
\$2,500 to \$4,999.....		75	—	20	5	20	12
\$5,000 or more.....		25	—	—	—	24	1
Workers by number of days worked:		5	—	5	—	—	—
150 days or more.....	farms-workers--	32	—	6	—	25	1
Less than 150 days.....	farms-workers--	33	—	6	—	(D)	(D)
Contract labor.....	farms-\$1,000--	216	6	38	23	81	49
Farms with expenses of—		553	12	107	53	194	116
\$1 to \$499.....		51	—	13	11	11	15
\$500 to \$999.....		28	—	7	9	4	(D)
\$1,000 to \$2,499.....		14	—	6	6	9	6
\$2,500 or more.....		9	—	5	1	—	—
Customwork, machine hire, and rental of machinery and equipment.....	farms-\$1,000--	449	5	64	76	136	135
Farms with expenses of—		254	1	30	35	69	86
\$1 to \$499.....		28	—	6	6	9	6
\$500 to \$999.....		14	—	5	1	—	1
\$1,000 to \$2,499.....		9	—	2	4	2	8
\$2,500 or more.....		—	—	—	—	—	—
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services.....	farms-\$1,000--	49	—	7	14	25	8
Value of agricultural products sold directly to individuals for human consumption.....	farms-\$1,000--	73	—	15	17	27	11
		63	1	8	26	13	10
		102	(D)	(D)	62	9	11

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						65 years and over
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	
VALUE OF MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment forms \$1,000	1 666 24 205	701 10 964	20 223	54 1 599	79 886	110 1 641	137 3 038	301 3 578
Farms by value group:								
\$1 to \$4,999	275	108	4	—	6	23	6	69
\$5,000 to \$9,999	669	285	10	15	35	50	41	134
\$10,000 to \$19,999	371	147	—	15	27	19	34	52
\$20,000 to \$49,999	290	131	6	20	11	13	43	38
\$50,000 to \$99,999	34	21	—	—	—	—	13	8
\$100,000 to \$199,999	23	5	—	—	—	5	—	—
\$200,000 to \$499,999	4	4	—	4	—	—	—	—
\$500,000 or more	—	—	—	—	—	—	—	—
SELECTED MACHINERY AND EQUIPMENT¹								
Automobiles forms number	1 088 1 533	527 753	19	47	57	93	103	208
Motortrucks, including pickups forms number	1 306 1 851	556 768	15	47	69	96	108	221
Wheel tractors forms number	1 399 2 728	614 1 295	20	39	57	103	135	260
2 or 3 forms number	724 1 646	326 745	9	91	105	225	309	536
4 or more forms number	118 525	75 337	—	—	10	18	22	25
Grain and bean combines, self-propelled only forms number	323 338	153 153	9	17	17	19	43	48
Cornpickers, corn heads, and picker-shellers forms number	386 426	209 237	15	21	22	25	54	72
Corn heads for combines forms number	235 235	110 110	9	17	7	13	31	33
Other cornpickers and picker-shellers forms number	181 191	117 127	6	4	15	23	24	45
Cottonpickers forms number	— —	— —	—	—	—	—	—	—
Mower conditioners forms number	215 242	111 123	9	—	11	21	34	36
Pickup boilers forms number	230 230	132 132	15	8	11	33	37	28
Field forage harvesters, shear bar or flywheel type forms number	71 71	44 44	4	8	—	11	16	5
AGRICULTURAL CHEMICALS¹								
Agricultural chemicals, including commercial fertilizer and lime forms \$1,000	1 446 1 996 1 047	647 54 126	20	54	62	110	128	273
Commercial fertilizer forms	1 270	584	20	48	55	90	117	254
Lime acres on which used	49 892	25 579	970	2 734	2 217	4 935	7 029	7 694
acres on which used	496 496	228 228	11	20	32	29	51	85
acres on which used tons	14 619 15 564	7 413 7 491	225 243	313 327	521 559	1 032 1 056	2 515 2 544	2 807 2 762
Sprays, dusts, granules, fumigants, etc. to control insects on hay and other crops forms acres on which used	466 14 465	245 8 999	20 323	22 420	32 1 642	54 2 853	26 1 187	91 2 574
Nematodes in crops forms acres on which used	45 1 643	23 650	— —	— —	16 540	— —	1 (D)	6 (D)
Diseases in crops and orchards forms acres on which used	51 587	29 257	— —	— —	9 (D)	2 (D)	7 105	11 128
Weeds, grass, or brush in crops and pasture forms acres on which used	928 39 452	375 18 659	10 616	29 1 845	26 832	58 3 395	85 5 444	167 6 527
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit forms acres on which used	49 1 184	16 301	— —	— —	— —	1 (D)	6 (D)	9 288
Insect control on livestock and poultry forms	162 197	57 96	6 —	8 7	2 9	2 12	17 12	18 51
Sanitation and rodent and bird control forms	— —	— —	— —	— —	— —	— —	— —	— —
LIVESTOCK								
Cattle and calves inventory forms number	348 4 562	162 2 924	6 147	23 349	21 303	18 391	37 990	57 744
Farms with—								
1 to 9	209	71	1	12	11	—	15	32
10 to 49	124	80	4	9	10	17	17	23
50 to 99	10	7	1	2	—	1	2	1
100 to 199	3	2	—	—	—	—	1	1
200 to 499	2	2	—	—	—	—	2	—
500 or more	—	—	—	—	—	—	—	—
Cows and heifers that had calved forms number	258 1 974	121 1 352	6 87	17 125	17 110	17 211	27 514	37 305
Beef cows forms number	168 1 363	76 942	3 33	13 77	7 26	12 127	15 436	26 243
Farms with—								
1 to 9	129	51	2	11	7	7	6	18
10 to 49	35	21	1	2	—	5	6	7
50 to 99	2	2	—	—	—	—	1	1
100 to 199	2	2	—	—	—	—	2	—
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

VALUE OF MACHINERY AND EQUIPMENT¹

	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over	Other occupations
Estimated market value of all machinery and equipment	farms \$1,000	965 13,241	22 360	132 2,048	210 1,974	256 4,329	246 3,245	99 1,284
Farms by value group:								
\$1 to \$4,999		167	2	27	72	32	29	5
\$5,000 to \$9,999		384	—	44	75	102	123	40
\$10,000 to \$19,999		224	15	28	43	66	39	33
\$20,000 to \$49,999		159	5	26	20	38	49	21
\$50,000 to \$99,999		13	—	1	—	6	6	—
\$100,000 to \$199,999		18	—	6	—	12	—	—
\$200,000 to \$499,999		—	—	—	—	—	—	—
\$500,000 or more		—	—	—	—	—	—	—

SELECTED MACHINERY AND EQUIPMENT¹

Automobiles	farms number	561 780	20 24	71 95	102 144	162 258	144 178	62 81
Motortrucks, including pickups	farms number	750 1,083	21 38	100 170	155 196	200 233	198 203	76 93
Wheel tractors	farms number	785 1,433	9 27	104 157	150 249	233 461	203 363	86 176
2 or 3	farms number	398 901	9 27	31 69	75 168	128 279	104 235	51 123
4 or more	farms number	43 188	— —	5 20	2 8	22 99	8 37	6 24
Grain and bean combines, self-propelled only	farms number	170 185	5 15	24 24	38 38	63 63	30 35	10 10
Cornpickers, corn heads, and picker-shellers	farms number	177 189	5 10	24 (D)	43 43	67 68	36 (D)	2 (D)
Corn heads for combines	farms number	125 125	5 5	23 23	30 30	44 44	23 23	— —
Other cornpickers and picker-shellers	farms number	64 64	5 5	1 (D)	13 13	24 24	19 (D)	2 (D)
Cottonpickers	farms number	— —	— —	— —	— —	— —	— —	— —
Mower conditioners	farms number	104 119	6 6	3 3	12 12	41 46	32 38	10 14
Pickup balers	farms number	98 98	— —	12 12	19 19	40 40	25 (D)	2 (D)
Field forage harvesters, shear bar or flywheel type	farms number	27 27	— —	— —	3 3	19 19	5 5	— —

AGRICULTURAL CHEMICALS¹

Agricultural chemicals, including commercial fertilizer and lime	farms \$1,000	799 949	20 37	108 155	153 197	220 277	214 227	84 56
Commercial fertilizer	farms	686 24,313	20 1,215	85 3,291	140 5,218	176 7,025	193 5,980	72 1,584
Lime	farms acres on which used	268 7,206	5 75	27 682	65 1,764	82 2,315	69 2,068	20 302
	tons	8,073 75	75	699 699	1,932 1,932	2,698 2,698	2,377 2,377	292 292
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops	farms acres on which used	221 5,466	— —	35 1,048	51 1,104	77 1,833	34 837	24 644
Nematodes in crops	farms acres on which used	22 993	— —	6 345	9 102	6 (D)	1 (D)	— —
Diseases in crops and orchards	farms acres on which used	22 330	— —	10 (D)	1 (D)	— —	11 271	— —
Weeds, grass, or brush in crops and pasture	farms acres on which used	553 20,793	20 1,215	64 2,909	110 4,451	160 5,593	136 4,838	63 1,787

Chemicals for—

Defoliation or for growth control of crops, or thinning of fruit	farms acres on which used	33 883	— —	5 124	— —	13 192	15 567	— —
Insect control on livestock and poultry	farms	105 101	— —	15 20	19 15	42 43	28 23	1 —
Sanitation and rodent and bird control	farms	— —	— —	— —	— —	— —	— —	— —

LIVESTOCK

Cattle and calves inventory	farms number	186 1,638	1 (D)	39 (D)	55 477	56 479	26 291	9 66
Farms with—								
1 to 9		138	1	33	41	43	14	6
10 to 49		44	—	5	13	12	11	3
50 to 99		3	—	—	1	—	1	—
100 to 199		1	—	1	—	—	—	—
200 to 499		—	—	—	—	—	—	—
500 or more		—	—	—	—	—	—	—
Cows and heifers that had calved	farms number	137 622	1 (D)	29 (D)	40 213	40 165	19 126	8 41
Beef cows	farms number	92 421	— —	8 13	32 156	32 114	16 112	4 26
Farms with—								
1 to 9		78	—	8	28	28	11	3
10 to 49		14	—	—	4	4	5	1
50 to 99		—	—	—	—	—	—	—
100 to 199		—	—	—	—	—	—	—
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	Farming							
		Age of operator						65 years and over	
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years		
LIVESTOCK—Con.									
Cattle and calves inventory—Con.									
Cows and heifers that had calved—Con.									
Milk cows	farms number	120 611	62 410	5 54	7 48	11 84	8 84	13 78	18 62
Farms with—									
1 to 4		77	29	—	3	4	3	6	13
5 to 9		15	12	2	1	2	1	3	3
10 to 49		28	21	3	3	5	4	4	2
50 to 99		—	—	—	—	—	—	—	—
100 to 199		—	—	—	—	—	—	—	—
200 to 499		—	—	—	—	—	—	—	—
500 or more		—	—	—	—	—	—	—	—
Heifers and heifer calves	farms number	183 1 371	101 864	5 51	15 165	15 92	12 106	22 225	32 225
Steers, steer calves, bulls, and bull calves	farms number	242 1 217	117 708	5 9	13 59	16 101	15 74	27 251	41 214
Cattle and calves sold	farms number	252 2 144	137 1 420	6 42	22 289	16 172	18 208	27 301	48 408
Calves	farms number	156 1 046	87 685	6 36	9 68	13 105	14 95	18 176	27 205
Cattle	farms number	189 1 098	106 735	2 (D)	22 (D)	13 67	16 113	17 125	36 203
Fattened on grain and concentrates	farms number	65 315	27 (D)	1 (D)	4 31	6 44	6 22	4 24	11 78
Hogs and pigs inventory	farms number	316 8 041	126 3 789	5 43	12 664	14 400	12 196	21 419	62 2 067
Farms with—									
1 to 9		111	44	3	2	7	7	12	13
10 to 49		157	58	2	4	5	4	5	38
50 to 99		38	19	—	4	—	1	4	10
100 to 199		8	4	—	1	2	—	—	1
200 to 499		2	1	—	1	—	—	—	—
500 or more		—	—	—	—	—	—	—	—
Used or to be used for breeding	farms number	249 1 789	106 1 006	5 23	11 219	11 130	9 39	17 95	53 500
Other	farms number	257 6 252	101 2 783	3 20	9 445	10 270	9 157	18 324	52 1 567
Hogs and pigs sold	farms number	305 14 447	123 7 371	5 61	11 1 083	13 646	11 325	20 901	63 4 355
Feeder pigs sold	farms number	152 7 819	79 5 396	4 51	10 864	11 511	5 146	9 572	40 3 252
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30	farms number	257 2 140	107 1 223	5 12	11 162	12 104	9 43	17 130	53 772
Dec. 1 and May 31	farms number	222 1 103	100 611	4 6	10 81	12 52	8 25	16 67	50 380
June 1 and Nov. 30	farms number	217 1 037	97 612	5 6	11 81	8 52	7 18	16 63	50 392
Sheep and lambs of all ages inventory	farms number	17 336	10 253	— (D)	2 (D)	1 (D)	1 (D)	5 67	1 (D)
Ewes 1 year old or older	farms number	14 222	9 161	— (D)	2 (D)	1 (D)	1 (D)	4 45	1 (D)
Sheep and lambs sold	farms number	13 254	7 205	— (D)	2 (D)	1 (D)	1 (D)	2 52	1 (D)
Sheep and lambs shorn	farms number	14 274	9 193	— (D)	2 (D)	1 (D)	1 (D)	4 52	1 (D)
Sheep and lambs shorn	pounds of wool number	1 852 1 241	— (D)	— (D)	— (D)	— (D)	— (D)	399 399	— (D)
Horses and ponies inventory	farms number	326 2 108	105 734	6 44	9 63	26 206	15 138	23 140	26 143
Horses and ponies sold	farms number	92 204	32 73	4 7	3 11	8 25	5 7	8 15	4 8
Goats inventory	farms number	16 78	8 39	— (D)	— (D)	5 22	1 1	1 1	1 1
Goats sold	farms number	7 31	3 10	— (D)	— (D)	3 10	— (D)	— (D)	— (D)
POULTRY									
Chickens 3 months old or older inventory	farms number	217 64 976	100 35 601	3 242	10 679	14 11 622	8 5 285	26 1 141	39 6 632
Farms with—									
1 to 399		206	93	3	8	12	7	26	37
400 to 3,199		3	1	—	—	—	—	—	1
3,200 to 9,999		6	6	—	2	2	1	—	1
10,000 to 19,999		2	—	—	—	—	—	—	—
20,000 to 49,999		—	—	—	—	—	—	—	—
50,000 to 99,999		—	—	—	—	—	—	—	—
100,000 or more		—	—	—	—	—	—	—	—
Hens and pullets of laying age	farms number	206 41 436	96 30 474	3 242	9 5 649	14 11 622	8 5 260	26 1 109	36 6 592
Pullets 3 months old or older not of laying age	farms number	30 23 540	8 5 127	— (D)	1 (D)	— (D)	1 (D)	2 (D)	4 40

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						
		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.. number..	58 201	1 (D)	23 (D)	11 57	15 51	3 14	5 15
Forms with—								
1 to 4		48	1	21	8	13	1	4
5 to 9		3	—	—	1	—	2	—
10 to 49		7	—	2	2	2	—	1
50 to 99		—	—	—	—	—	—	—
100 to 199		—	—	—	—	—	—	—
200 to 499		—	—	—	—	—	—	—
500 or more		—	—	—	—	—	—	—
Heifers and heifer calves	farms.. number..	82 507	1 (D)	11 (D)	24 127	27 172	15 58	4 16
Steers, steer calves, bulls, and bull calves	farms.. number..	125 509	1 (D)	23 (D)	33 137	40 142	21 107	7 9
Cattle and calves sold	farms.. number..	115 724	—	18 163	27 188	33 215	21 120	6 38
Calves	farms.. number..	69 208	—	39 11	69 20	58 22	35 11	9 5
Cattle	farms.. number..	361 \$1,000.. 57	—	114 19	70 12	106 13	38 9	33 5
Fattened on grain and concentrates	farms.. number..	38 133	—	11 2	31 20	22 9	16 5	3 2
Hogs and pigs inventory	farms.. number..	190 4 252	5 141	42 774	61 1 376	43 1 007	28 702	11 252
Forms with—								
1 to 9		67	2	14	18	19	11	3
10 to 49		99	2	25	34	18	13	7
50 to 99		19	—	2	9	4	3	1
100 to 199		4	1	1	—	1	1	—
200 to 499		1	—	—	—	1	—	—
500 or more		—	—	—	—	—	—	—
Used or to be used for breeding	farms.. number..	143 783	5	35 193	46 208	29 223	19 93	9 45
Other	farms.. number..	156 3 469	5	29 120	51 581	36 1 168	24 784	11 609
Hogs and pigs sold	farms.. number..	182 7 076	5 136	42 1 503	60 2 251	38 1 893	26 850	11 443
Feeder pigs sold	farms.. number..	73 2 423	3	18 508	28 892	17 599	4 96	3 216
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms.. number..	150 917	5 34	37 217	49 242	30 245	19 104	10 75
Dec. 1 and May 31	farms.. number..	122 492	5	29 115	36 147	27 119	15 61	10 31
June 1 and Nov. 30	farms.. number..	120 425	5	29 102	40 95	25 126	11 43	10 44
Sheep and lambs of all ages inventory	farms.. number..	7 83	—	1 (D)	2 (D)	1 (D)	1 (D)	1 (D)
Ewes 1 year old or older	farms.. number..	5 61	—	1 (D)	1 (D)	1 (D)	1 (D)	1 (D)
Sheep and lambs sold	farms.. number..	6 49	—	1 (D)	2 (D)	1 (D)	1 (D)	—
Sheep and lambs shorn	farms.. number..	5 81	—	1 (D)	1 (D)	2 (D)	1 (D)	—
Horses and ponies inventory	farms.. number..	221 1 374	1 (D)	54 (D)	60 285	50 338	47 317	9 79
Horses and ponies sold	farms.. number..	60 131	—	10 16	18 36	14 35	14 14	2 2
Goats inventory	farms.. number..	172 39	—	21 (D)	43 (D)	44 22	(D) (D)	(D) (D)
Goats sold	farms.. number..	8 21	—	2 (D)	3 (D)	1 2	1 (D)	—
POULTRY								
Chickens 3 months old or older inventory	farms.. number..	117 29 375	1 (D)	24 (D)	37 1 305	28 13 798	20 1 605	7 706
Forms with—								
1 to 399		113	1	23	37	27	19	6
400 to 3,199		2	—	—	—	—	1	1
3,200 to 9,999		—	—	—	—	—	—	—
10,000 to 19,999		2	—	1	—	1	—	—
20,000 to 49,999		—	—	—	—	—	—	—
50,000 to 99,999		—	—	—	—	—	—	—
100,000 or more		—	—	—	—	—	—	—
Hens and pullets of laying age	farms.. number..	110 10 962	1 (D)	24 (D)	31 749	27 1 692	20 1 570	7 706
Pullets 3 months old or older not of laying age	farms.. number..	22 18 413	1 (D)	3 5 704	10 556	6 12 106	2 (D)	—

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.

Farms With Sales of Less Than \$20,000									[Excludes abnormal farms; see text]	
	Total farming and other occupations	Forming							65 years and over	
		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 number	42	22	—	4	5	1	5	7	
Broilers and other meat-type chickens sold	farms number	52 946	28 373	—	9 392	(D)	(D)	235	4 372	
Farms with —		35	12	—	1	3	2	3	3	
1 to 1,999	farms number	318 782	195 571	—	5	(D)	(D)	27 960	84 956	
2,000 to 15,999	farms number	15	3	—	1	2	—	2	3	
16,000 to 29,999	farms number	20	9	—	—	—	—	—	—	
30,000 or more	farms number	—	—	—	—	—	—	—	—	
Turkey hens kept for breeding	farms number	4	—	—	—	—	—	—	—	
Turkeys sold	farms number	34	—	—	—	—	—	—	—	
CROPS HARVESTED										
Corn for all purposes	farms acres	634	329	13	27	39	37	66	147	
For grain or seed	farms acres	14 620	8 317	322	744	998	992	2 256	3 005	
Irrigated	farms acres	622	321	12	27	38	36	62	146	
Farms by acres harvested:		14 131	7 941	298	666	952	955	2 133	2 937	
1 to 24 acres	farms acres	1 147 852	653 036	25 072	50 100	78 462	81 097	151 542	266 763	
25 to 99 acres	farms acres	6	2	1	—	1	—	—	—	
100 to 499 acres	farms acres	174	(D)	(D)	—	(D)	—	—	—	
500 acres or more	farms acres	—	—	—	—	—	—	—	—	
Wheat for grain	farms acres	94	69	1	8	3	7	18	32	
Irrigated	farms acres	1 457	1 073	(D)	(D)	33	99	334	486	
Farms by acres harvested:		39 954	28 189	(D)	(D)	812	2 850	8 499	13 202	
1 to 24 acres	farms acres	77	57	1	7	3	6	13	27	
25 to 99 acres	farms acres	17	12	—	1	—	1	5	5	
100 to 499 acres	farms acres	—	—	—	—	—	—	—	—	
500 acres or more	farms acres	—	—	—	—	—	—	—	—	
Barley for grain	farms acres	82	36	1	6	2	6	7	14	
Irrigated	farms acres	1 216	578	(D)	138	(D)	116	99	151	
Farms by acres harvested:		43 791	21 565	(D)	6 057	(D)	4 190	4 295	4 569	
1 to 24 acres	farms acres	—	—	—	—	—	—	—	—	
25 to 99 acres	farms acres	—	—	—	—	—	—	—	—	
100 to 499 acres	farms acres	—	—	—	—	—	—	—	—	
500 acres or more	farms acres	—	—	—	—	—	—	—	—	
Soybeans for beans	farms acres	976	401	16	38	38	47	92	170	
Irrigated	farms acres	36 565	16 798	697	1 714	1 270	2 253	4 372	6 492	
Farms by acres harvested:		943 035	426 901	17 027	46 920	29 910	60 564	* 100 381	172 099	
1 to 24 acres	farms acres	410	155	5	17	20	13	27	73	
25 to 99 acres	farms acres	518	217	9	17	17	31	57	86	
100 to 499 acres	farms acres	48	29	2	4	1	3	8	11	
500 acres or more	farms acres	—	—	—	—	—	—	—	—	
Irish potatoes	farms acres	14	10	—	—	1	3	2	4	
Irrigated	hundredweight acres	11	8	—	—	(D)	270	(D)	1	
Farms by acres harvested:		1 803	1 456	—	—	(D)	—	—	386	
0.1 to 0.9 acres	farms acres	10	7	—	—	1	2	—	4	
1.0 to 4.9 acres	farms acres	4	3	—	—	—	1	2	—	
5.0 to 24.9 acres	farms acres	—	—	—	—	—	—	—	—	
25.0 to 99.9 acres	farms acres	—	—	—	—	—	—	—	—	
100.0 acres or more	farms acres	—	—	—	—	—	—	—	—	
Hay crops (see text)	farms acres	364	176	7	12	25	29	34	69	
Irrigated	tons, dry farms acres	5 965	3 024	152	131	515	554	606	1 066	
Farms by acres harvested:		10 688	5 635	155	270	945	910	1 335	2 020	
1 to 24 acres	farms acres	286	132	5	11	18	20	24	54	
25 to 99 acres	farms acres	75	43	2	1	7	9	10	14	
100 to 499 acres	farms acres	3	1	—	—	—	—	—	1	
500 acres or more	farms acres	—	—	—	—	—	—	—	—	
Alfalfa hay	farms acres	143	67	6	9	10	12	9	21	
Irrigated	tons, dry farms acres	1 614	866	79	51	185	153	52	346	
Farms by acres harvested:		3 522	1 649	87	115	317	324	99	707	
0.1 to 4.9 acres	farms acres	—	—	—	—	—	—	—	—	
5.0 to 24.9 acres	farms acres	—	—	—	—	—	—	—	—	
25.0 to 99.9 acres	farms acres	—	—	—	—	—	—	—	—	
100.0 acres or more	farms acres	—	—	—	—	—	—	—	—	
All vegetables harvested for sale (see text)	farms acres	133	64	2	4	14	11	15	18	
Irrigated	farms acres	786	461	(D)	(D)	80	174	94	80	
Farms by acres harvested:		11	9	1	—	1	2	4	1	
0.1 to 4.9 acres	farms acres	93	41	1	2	4	6	9	13	
5.0 to 24.9 acres	farms acres	34	19	—	—	—	2	6	4	
25.0 to 99.9 acres	farms acres	6	4	—	—	—	3	—	—	
100.0 acres or more	farms acres	—	—	—	—	—	—	—	—	

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.

Farms With Sales of Less Than \$20,000							
	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..	20	—	2	5	10	1
number..	24 573	—	(D)	82	18 083	(D)	(D)
Broilers and other meat-type chickens sold	farms..	23	—	4	8	7	1
number..	123 211	—	8 431	37 482	28 498	(D)	(D)
Farms with—							
1 to 1,999		12	—	3	5	4	—
2,000 to 15,999		11	—	1	3	3	1
16,000 to 29,999		—	—	—	—	—	—
30,000 or more		—	—	—	—	—	—
Turkey hens kept for breeding	farms..	4	—	1	1	2	—
number..	34	—	(D)	5	(D)	—	—
Turkeys sold	farms..	3	—	1	—	2	—
number..	105	—	(D)	—	(D)	—	—
CROPS HARVESTED							
Corn for all purposes	farms..	305	8	41	77	83	63
acres..	6 303	290	933	1 611	1 674	1 270	33
For grain or seed	farms..	301	8	40	76	83	62
acres..	6 190	290	911	1 573	1 649	1 255	32
Irrigated	farms..	494 816	23 871	77 520	130 840	126 257	100 805
acres..	94	—	—	—	3	(D)	35 523
Farms by acres harvested:							
1 to 24 acres		192	4	27	49	56	35
25 to 99 acres		108	4	13	26	27	21
100 to 499 acres		1	—	—	1	—	11
500 acres or more		—	—	—	—	—	—
Wheat for grain	farms..	25	—	2	10	7	3
acres..	384	—	(D)	(D)	103	74	50
Irrigated	farms..	11 765	—	(D)	(D)	3 482	2 290
acres..	—	—	—	—	—	—	1 590
Farms by acres harvested:							
1 to 24 acres		20	—	2	8	6	2
25 to 99 acres		5	—	—	2	1	1
100 to 499 acres		—	—	—	—	—	—
500 acres or more		—	—	—	—	—	—
Barley for grain	farms..	46	1	8	17	8	11
acres..	638	(D)	109	235	96	167	(D)
Irrigated	farms..	22 226	(D)	2 589	9 609	2 589	6 419
acres..	—	—	—	—	—	—	(D)
Soybeans for beans	farms..	575	15	70	145	155	134
acres..	539	2 510	4 557	5 991	4 600	1 570	56
Irrigated	farms..	516 134	13 574	64 162	120 090	154 720	119 330
acres..	49	—	—	1	2	1	44 258
Farms by acres harvested:							
1 to 24 acres		255	5	32	69	61	27
25 to 99 acres		301	10	35	71	89	67
100 to 499 acres		19	—	3	5	5	29
500 acres or more		—	—	—	—	—	—
Irish potatoes	farms..	4	—	1	—	—	3
acres..	3	—	(D)	—	—	(D)	—
Irrigated	farms..	347	—	(D)	—	—	—
acres..	—	—	—	—	—	—	—
Farms by acres harvested:							
0.1 to 0.9 acres		3	—	1	—	—	2
1.0 to 4.9 acres		1	—	—	—	—	1
5.0 to 24.9 acres		—	—	—	—	—	—
25.0 to 99.9 acres		—	—	—	—	—	—
100.0 acres or more		—	—	—	—	—	—
Hay crops (see text)	farms..	188	1	30	47	57	36
acres..	2 941	(D)	(D)	624	897	870	17
Irrigated	farms..	5 053	(D)	(D)	1 084	1 578	1 432
acres..	1	—	—	—	1	—	243
Farms by acres harvested:							
1 to 24 acres		154	1	28	42	46	24
25 to 99 acres		32	—	2	4	10	13
100 to 499 acres		2	—	—	1	1	4
500 acres or more		—	—	—	—	—	—
Alfalfa hay	farms..	76	—	14	22	21	12
acres..	748	—	113	257	149	165	7
Irrigated	farms..	1 873	—	291	547	366	549
acres..	1	—	—	—	1	—	120
3	—	—	—	—	3	—	—
All vegetables harvested for sale (see text)	farms..	69	3	13	25	11	13
acres..	326	19	61	137	37	65	4
Irrigated	farms..	2	—	—	—	2	—
acres..	(D)	—	—	—	—	(D)	—
Farms by acres harvested:							
0.1 to 4.9 acres		52	1	7	20	10	10
5.0 to 24.9 acres		15	2	6	3	1	4
25.0 to 99.9 acres		2	—	—	2	3	—
100.0 acres 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	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
CROPS HARVESTED —Con.								
Land in orchards	farms	41	18	—	—	—	4	3
	acres	110	72	—	—	—	13	7
Irrigated	farms	—	—	—	—	—	—	—
	acres	—	—	—	—	—	—	—
Farms by acres in orchards:								
0.1 to 4.9 acres		30	10	—	—	—	3	3
5.0 to 24.9 acres		11	8	—	—	—	1	—
25.0 to 99.9 acres		—	—	—	—	—	—	—
100.0 acres 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						
	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
CROPS HARVESTED—Con.							
Land in orchards	farms	23	—	2	11	4	2
	acres	38	—	(D)	8	14	(D)
Irrigated	farms	—	—	—	—	—	—
	acres	—	—	—	—	—	—
Farms by acres in orchards:							
0.1 to 4.9 acres		20	—	2	11	2	3
5.0 to 24.9 acres		3	—	—	—	2	—
25.0 to 99.9 acres		—	—	—	—	—	—
100.0 acres or more		—	—	—	—	—	—

¹1978 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**Farms and Land in Farms**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Farms	3 629	584	891	281	324	301
number	3 629	584	891	281	324	301
percent	100.0	16.0	24.5	7.7	8.9	8.2
Land in farms	678 224	2 156	22 523	16 180	26 784	34 901
acres	678 224	2 156	22 523	16 180	26 784	34 901
Average size of farm	187	4	25	58	83	116
Value of land and buildings ¹	3 630	600	893	298	340	317
farms	3 630	600	893	298	340	317
\$1,000	978 624	37 811	72 600	30 435	63 142	48 698
Average per farm	269 593	63 018	81 299	102 132	185 710	153 620
dollars	269 593	63 018	81 299	102 132	185 710	153 620
Average per acre	1 496	17 793	3 167	1 746	2 262	1 325

Farms by value of land and buildings:

\$1 to \$19,999	228	102	107	9	8	-
\$20,000 to \$39,999	365	131	169	21	23	10
\$40,000 to \$69,999	570	154	235	73	49	28
\$70,000 to \$99,999	503	117	125	93	77	43
\$100,000 to \$149,999	480	40	106	52	97	91
\$150,000 to \$199,999	365	44	78	38	64	48
\$200,000 to \$499,999	626	11	72	5	15	97
\$500,000 to \$999,999	307	1	1	7	-	-
\$1,000,000 or more	186	-	-	-	7	-

Owned and rented land by operator:

Land owned	farms	3 232	538	805	244	288	246
farms	3 232	538	805	244	288	27 780	27 780
acres	425 320	4 999	23 033	14 585	23 182	27 137	27 137
Land rented or leased from others	farms	1 495	61	219	93	121	-
farms	1 495	61	219	93	121	-	-
acres	281 555	358	4 748	3 865	6 392	10 740	10 740
Land rented or leased to others	farms	430	80	135	42	38	44
farms	430	80	135	42	38	44	44
acres	28 651	3 201	5 258	2 270	2 790	3 619	3 619

Land in Farms According to Use

Total cropland	farms	3 111	220	780	268	310	292
farms	3 111	220	780	268	310	23 917	23 917
acres	535 636	743	14 340	11 190	18 020	20 020	20 020

Harvested cropland	farms	2 941	166	691	255	306	289
farms	2 941	166	691	255	306	22 033	22 033
acres	500 026	537	12 220	9 712	15 926	-	-
Farms by acres harvested:							
1 to 49 acres	1 283	166	691	176	134	64	64
50 to 99 acres	516	-	-	79	172	133	133
100 to 199 acres	456	-	-	-	-	92	92
200 to 499 acres	438	-	-	-	-	-	-
500 to 999 acres	175	-	-	-	-	-	-
1,000 to 1,999 acres	65	-	-	-	-	-	-
2,000 acres or more	8	-	-	-	-	-	-

Cropland:							
Pasture or grazing only	farms	770	50	198	62	80	67
acres	18 638	120	1 363	787	1 174	1 123	1 123
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	129	3	28	3	18	6
farms	129	3	28	3	18	6	6
acres	3 779	17	179	53	197	197	197
On which all crops failed	farms	126	7	23	10	12	19
farms	126	7	23	10	12	12	12
acres	1 805	8	132	63	132	120	120
In cultivated summer fallow	farms	43	2	12	4	3	5
farms	43	2	12	4	3	46	46
acres	1 580	(D)	(D)	75	113	46	46
Idle	farms	416	21	65	31	41	35
farms	9 808	57	401	500	478	531	531

Total woodland	farms	1 743	41	371	160	211	199
farms	1 743	41	371	160	211	8 262	8 262
acres	103 731	89	4 090	3 571	6 720	30	30
Woodland pastured	farms	266	8	73	25	36	622

Woodland not pastured	farms	7 770	14	497	306	725	186
farms	7 770	14	497	306	725	-	-
acres	1 572	33	312	147	190	5 995	7 640

Postureland and rangeland other than cropland and woodland pastured	farms	240	10	59	24	23	28
farms	240	10	59	24	23	398	398
acres	8 654	30	393	297	438	186	186

Land in house lots, ponds, roads, wasteland, etc.	farms	2 375	488	616	175	186	185
farms	2 375	488	616	175	186	1 606	2 324
acres	30 203	1 294	3 700	1 122	1 606	-	-

Postureland, all types	farms	1 062	62	285	91	114	89
farms	1 062	62	285	91	114	2 337	2 143
acres	35 062	164	32	33	12	8	7
Irrigated land	farms	253	70	241	240	192	238
farms	253	70	241	240	192	-	-
acres	33 677	32	31	11	8	-	-
Harvested cropland irrigated	farms	250	70	205	235	181	238
farms	33 381	70	205	235	181	-	-
acres	9	-	2	-	1	-	-
Pastureland irrigated	farms	196	-	(D)	-	(D)	-
farms	196	-	3	1	-	-	-
acres	6	-	17	(D)	-	-	-
Other land irrigated	farms	100	-	11	5	10	19
farms	100	-	11	5	10	5	2
acres	238	-	39	16	51	151	151
Land set aside in the federal farm programs in 1978	farms	5 441	-	39	16	-	-
farms	5 441	-	39	16	-	-	-
acres	8	-	1	3	-	-	-

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms**Farms and Land in 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	213	192	134	377	227	83	22
number	213	192	134	377	227	83	22
percent	5.8	5.2	3.6	10.3	6.2	2.2	0.6
Land in farms	33 412	38 378	31 870	134 154	156 410	109 181	72 275
acres	33 412	38 378	31 870	134 154	156 410	109 181	72 275
Average size of farm	157	200	238	356	689	1 315	3 285
Value of land and buildings¹	163	199	159	366	190	83	22
farms	163	199	159	366	190	83	22
\$1,000	23 818	54 151	52 119	198 533	167 408	150 843	79 065
dollars	146 121	272 117	327 792	542 440	881 093	1 817 390	3 593 871
Average per farm	925	1 359	1 390	1 493	1 292	1 381	1 093
Average per acre	925	1 359	1 390	1 493	1 292	1 381	1 093
Farms by value of land and buildings:							
\$1 to \$19,999	2	—	—	—	—	—	—
\$20,000 to \$39,999	6	1	—	4	—	—	—
\$40,000 to \$69,999	14	11	6	—	—	—	—
\$70,000 to \$99,999	19	17	1	5	6	—	—
\$100,000 to \$149,999	57	18	9	2	8	—	—
\$150,000 to \$199,999	31	19	34	7	2	—	—
\$200,000 to \$499,999	33	108	81	182	20	1	1
\$500,000 to \$999,999	1	22	22	143	98	10	2
\$1,000,000 or more	—	3	6	23	56	72	19
Owned and rented land by operator:							
Land owned	185	168	128	335	201	73	21
farms	185	168	128	335	201	73	21
acres	24 791	26 275	21 972	80 112	74 507	54 705	49 379
Land rented or leased from others	105	112	84	270	200	72	21
farms	105	112	84	270	200	72	21
acres	10 629	13 691	10 628	56 653	84 778	55 977	23 096
Land rented or leased to others	27	10	11	22	12	8	1
farms	27	10	11	22	12	8	1
acres	2 008	1 588	730	2 611	2 875	(D)	(D)
Land in Farms According to Use							
Total cropland	209	191	133	377	226	83	22
farms	209	191	133	377	226	83	22
acres	23 477	29 626	24 617	108 947	133 188	94 616	52 955
Harvested cropland	206	189	133	375	226	83	22
farms	206	189	133	375	226	83	22
acres	21 018	25 249	23 207	100 837	126 667	91 863	50 757
Farms by acres harvested:							
1 to 49 acres	28	14	1	8	1	—	—
50 to 99 acres	62	44	15	10	1	—	—
100 to 199 acres	116	107	62	69	10	—	—
200 to 499 acres	—	24	55	288	69	2	—
500 to 999 acres	—	—	—	—	145	29	1
1,000 to 1,999 acres	—	—	—	—	—	52	13
2,000 acres or more	—	—	—	—	—	—	8
Cropland:							
Pasture or grazing only	52	67	42	89	45	15	3
farms	52	67	42	89	45	15	3
acres	1 480	2 680	964	5 098	2 474	791	584
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	9	14	6	18	17	3	4
farms	9	14	6	18	17	3	4
acres	261	578	107	662	692	192	777
On which all crops failed	9	13	4	16	10	3	—
farms	9	13	4	16	10	3	—
acres	80	192	85	273	585	135	—
In cultivated summer fallow	5	3	—	3	4	1	1
farms	5	3	—	3	4	1	1
acres	108	130	—	245	289	(D)	(D)
Idle	32	32	18	62	53	24	2
farms	32	32	18	62	53	24	2
acres	530	797	254	1 832	2 481	(D)	(D)
Total woodland	140	134	86	223	126	39	13
farms	140	134	86	223	126	39	13
acres	7 129	6 922	5 819	18 376	18 063	10 209	14 481
Woodland pastured	16	10	8	28	25	4	3
farms	16	10	8	28	25	4	3
acres	461	132	396	1 367	1 710	479	1 061
Woodland not pastured	131	130	82	204	110	37	10
farms	131	130	82	204	110	37	10
acres	6 668	6 790	5 423	17 009	16 353	9 730	13 420
Pastureland and rangeland other than cropland and woodland pastured	15	16	8	21	24	7	5
farms	15	16	8	21	24	7	5
acres	523	277	76	910	1 762	1 327	2 223
Land in house lots, ponds, roads, wasteland, etc.	128	113	87	219	119	43	16
farms	128	113	87	219	119	43	16
acres	2 283	1 553	1 358	5 921	3 397	3 029	2 616
Pastureland, all types	70	79	47	115	77	24	9
farms	70	79	47	115	77	24	9
acres	2 464	3 089	1 436	7 375	5 946	2 597	3 868
Irrigated land	13	11	10	46	49	20	12
farms	13	11	10	46	49	20	12
acres	825	520	568	5 318	10 475	7 835	7 155
Harvested cropland irrigated	13	11	10	46	49	20	12
farms	13	11	10	46	49	20	12
acres	820	484	568	5 225	10 465	7 835	7 055
Pastureland irrigated	1	2	—	1	1	—	1
farms	1	2	—	1	1	—	1
acres	(D)	(D)	—	(D)	(D)	—	(D)
Other land irrigated	—	—	—	1	—	—	—
farms	—	—	—	1	—	—	—
acres	—	—	—	(D)	—	—	—
Land set aside in the federal farm programs in 1978	22	27	21	54	43	20	6
farms	22	27	21	54	43	20	6
acres	185	233	250	1 039	1 469	1 394	614
Race and Tenure of Operator							
All operators	213	192	134	377	227	83	22
number	213	192	134	377	227	83	22
Full owners	108	80	50	108	27	11	1
number	108	80	50	108	27	11	1
Part owners	77	86	78	227	174	62	20
number	77	86	78	227	174	62	20
Tenants	28	26	6	42	26	10	1
number	28	26	6	42	26	10	1
White	212	192	133	368	224	83	22
number	212	192	133	368	224	83	22
Black and other races	—	—	—	—	—	—	—
Full owners	108	80	50	108	27	11	1
number	108	80	50	108	27	11	1
Part owners	77	86	77	219	171	62	20
number	77	86	77	219	171	62	20
Tenants	27	26	6	41	26	10	1
number	27	26	6	41	26	10	1

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**Farms by Type of Organization**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Individual or family	3 178	548	830	255	291	271
farms	479 300	2 030	21 114	14 678	24 145	31 427
acres	291	22	47	19	23	25
Partnership	83 032	71	1 104	1 106	1 823	2 913
farms						
acres						
Corporations:						
Family held	134	11	8	4	9	4
farms	107 886	46	144	217	731	461
acres	3	1	—	—	—	—
More than 10 stockholders	131	10	8	4	9	4
farms	6 092	9	96	—	—	—
acres	4	1	1	—	—	—
10 or less stockholders	16	3	4	—	—	—
farms	12	2	3	—	—	—
Other than family held	10	—	2	3	1	1
farms	1 914	—	(D)	179	(D)	(D)
acres						

Operator Characteristics

Operators by place of residence:						
On farm operated	2 753	417	646	206	241	221
Not on farm operated	486	68	128	46	44	44
Operators by age group:						
Under 25 years	122	31	30	8	13	8
25 to 34 years	474	118	138	32	33	31
35 to 44 years	724	118	207	51	58	59
45 to 54 years	870	132	180	66	79	61
55 to 64 years	869	107	178	79	71	86
65 years and over	570	78	158	45	70	56
Average age	49.9	46.5	49.3	50.9	51.9	51.6
Operators by sex:						
Male	3 399	490	836	267	310	288
Female	230	94	55	14	14	13
Operators of Spanish origin	24	1	9	1	3	2
Operators by principal occupation:						
Forming	2 077	252	343	119	151	182
Other	1 552	332	548	162	173	119
Operators reporting days of work off farm:						
None	1 574	218	281	85	113	128
1 to 99 days	340	48	53	25	33	36
100 to 199 days	321	54	92	33	33	31
200 days or more	1 221	241	423	120	130	93

Farms by Size

1 to 9 acres	584	584	—	—	—	—
10 to 49 acres	891	—	891	—	—	—
50 to 69 acres	281	—	—	281	—	—
70 to 99 acres	324	—	—	—	324	—
100 to 139 acres	301	—	—	—	—	301
140 to 179 acres	213	—	—	—	—	—
180 to 219 acres	192	—	—	—	—	—
220 to 259 acres	134	—	—	—	—	—
260 to 499 acres	377	—	—	—	—	—
500 to 999 acres	227	—	—	—	—	—
1,000 to 1,999 acres	83	—	—	—	—	—
2,000 acres or more	22	—	—	—	—	—

**Farms by Standard Industrial Classification
(See Text)**

Cash grain farms (011)	1 606	28	345	143	176	189
Field crop, except cash grain farms (013)	81	—	22	9	10	5
Cotton farms (0131)	—	—	—	—	—	—
Tobacco farms (0132)	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	81	—	22	9	10	5
Vegetable and melon farms (016)	99	19	27	9	3	2
Fruit and tree nut farms (017)	21	11	5	—	1	1
Horticultural specialty farms (018)	94	44	32	5	1	4
General farms, primarily crop (019)	54	1	16	7	6	1
Livestock farms, except dairy, poultry, and animal specialty (021)	333	82	129	20	27	16
Beef cattle farms, except feedlots (0212)	74	14	21	6	10	5
Dairy farms (024)	162	2	—	8	21	16
Poultry and egg farms (025)	1 053	371	262	71	76	61
Animal specialty farms (027)	92	25	48	7	2	5
General farms, primarily livestock (029)	34	1	5	2	1	1

Value of Agricultural Products Sold

Market value of agricultural products sold	3 629	584	891	281	324	301
farms	325 741	48 202	46 468	13 348	14 549	14 909
\$1,000						
Farms by value of agricultural products sold:						
\$500,000 or more	74	3	7	2	3	4
\$200,000 to \$499,999	315	38	51	16	13	14
\$100,000 to \$199,999	557	124	107	34	35	28
\$40,000 to \$99,999	621	158	76	18	25	20
\$20,000 to \$39,999	424	44	51	10	22	56
\$10,000 to \$19,999	411	26	46	46	85	92
\$5,000 to \$9,999	425	28	128	80	68	60
\$2,500 to \$4,999	358	53	185	46	40	14
Less than \$2,500	444	110	240	29	33	13

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
F FARMS BY TYPE OF ORGANIZATION							
Individual or family	farms acres	190 29 731	172 34 408	108 25 709	297 104 880	162 109 937	47 62 735
Partnership	farms acres	18 2 889	12 2 363	23 5 433	45 16 822	41 28 692	16 19 816
Corporations:							
Family held	farms acres	4 637	8 1 607	3 728	28 9 959	23 16 821	17 22 766
More than 10 stockholders	farms acres	— —	— —	— —	— —	1 22	— 17
10 or less stockholders	farms acres	4 —	8 —	3 —	28 —	22 —	17 3
Other than family held	farms acres	— —	— —	— —	6 2 123	— —	3 864 —
More than 10 stockholders	farms acres	— —	— —	— —	1 1	— —	— —
10 or less stockholders	farms acres	— —	— —	— —	5 5	— —	2 2
Other—cooperative, estate or trust, etc.	farms acres	1 (D)	— —	— —	1 (D)	1 (D)	— —
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated		165	159	107	310	201	66
Not on farm operated		30	24	20	47	19	12
Operators by age group:							
Under 25 years		9	8	1	6	5	3
25 to 34 years		25	18	10	40	22	5
35 to 44 years		30	29	22	71	57	19
45 to 54 years		49	55	34	101	73	31
55 to 64 years		49	44	49	119	63	19
65 years and over		51	38	18	40	7	6
Average age		52.2	51.7	52.7	50.4	47.9	48.9
Operators by sex:							
Male		200	186	127	367	223	83
Female		13	6	7	10	4	—
Operators of Spanish origin		—	4	—	2	2	—
Operators by principal occupation:							
Farming		147	149	109	315	209	81
Other		66	43	25	62	18	2
Operators reporting days of work off farm:							
None		112	103	84	209	162	66
1 to 99 days		19	18	13	55	29	9
100 to 199 days		11	13	8	32	9	4
200 days or more		64	42	24	59	18	4
F 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		213	—	—	—	—	—
180 to 219 acres		—	192	—	—	—	—
220 to 259 acres		—	—	134	—	—	—
260 to 499 acres		—	—	—	377	—	—
500 to 999 acres		—	—	—	—	227	—
1,000 to 1,999 acres		—	—	—	—	—	83
2,000 acres or more		—	—	—	—	—	22
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)		122	101	73	227	137	54
Field crop, except cash grain farms (013)		4	8	2	13	8	11
Cotton farms (0131)		—	—	—	—	—	—
Tobacco farms (0132)		—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		4	8	2	13	8	—
Vegetable and melon farms (016)		3	5	2	11	6	7
Fruit and tree nut farms (017)		1	—	—	—	2	—
Horticultural specialty farms (018)		1	—	1	3	1	1
General farms, primarily crop (019)		2	1	5	6	6	3
Livestock farms, except dairy, poultry, and animal specialty (021)		17	12	8	11	9	1
Beef cattle farms, except feedlots (0212)		6	3	3	6	—	1
Dairy farms (024)		17	24	18	32	21	2
Poultry and egg farms (025)		43	35	23	65	31	12
Animal specialty farms (027)		—	3	—	2	—	3
General farms, primarily livestock (029)		3	2	2	7	6	4
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold	forms \$1,000	213	192	134	377	227	83
Farms by value of agricultural products sold:		11 227	12 218	10 944	39 029	44 999	30 650
\$500,000 or more		2	1	2	5	14	16
\$200,000 to \$499,999		11	11	15	51	50	39
\$100,000 to \$199,999		24	22	13	60	84	25
\$40,000 to \$99,999		24	43	40	150	64	3
\$20,000 to \$39,999		49	66	40	76	10	—
\$10,000 to \$19,999		51	28	18	16	3	—
\$5,000 to \$9,999		29	13	4	13	2	—
\$2,500 to \$4,999		13	2	2	3	—	—
Less than \$2,500		10	6	—	3	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms**VALUE OF PRODUCTS SOLD—Con.**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Market value of agricultural products sold—Con.						
Grain	2 477	51	528	212	254	255
\$1,000	71 401	65	1 657	1 327	2 060	3 189
Sales of \$40,000 or more	480	—	—	—	—	—
\$1,000	50 126	—	—	—	—	—
Commodity Credit Corporation loans	82	—	6	—	4	6
\$1,000	551	—	16	—	1	30
Cotton and cottonseed	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Commodity Credit Corporation loans	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Tobacco	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Field seeds, hay, forage, and silage	255	—	47	28	24	16
\$1,000	821	—	72	87	50	47
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	(D)	—	—	—	—
Vegetables, sweet corn, and melons	387	40	69	33	21	24
\$1,000	15 992	60	283	218	130	98
Sales of \$40,000 or more	68	—	1	—	1	—
\$1,000	13 764	—	(D)	—	(D)	—
Fruits, nuts, and berries	56	9	14	2	5	4
\$1,000	1 502	26	(D)	(D)	19	3
Sales of \$40,000 or more	5	—	—	—	—	—
\$1,000	1 300	—	—	—	—	—
Nursery and greenhouse products	112	46	36	5	4	6
\$1,000	8 050	2 455	1 455	379	149	550
Sales of \$40,000 or more	31	10	6	1	2	4
\$1,000	7 349	2 166	1 196	(D)	(D)	548
Other crops	50	—	6	3	4	2
\$1,000	5 595	—	4	1	14	(D)
Sales of \$40,000 or more	28	—	—	—	—	1
\$1,000	5 407	—	—	—	—	(D)
Poultry and poultry products	1 203	378	291	84	93	79
\$1,000	194 360	44 874	41 244	10 975	10 944	9 989
Sales of \$40,000 or more	961	309	229	67	69	53
\$1,000	191 514	43 462	40 556	10 899	10 793	9 758
Dairy products	221	2	8	9	24	22
\$1,000	11 874	(D)	3	122	345	487
Sales of \$40,000 or more	109	1	—	1	1	3
\$1,000	10 192	(D)	—	(D)	(D)	250
Cattle and calves	588	24	86	41	67	45
\$1,000	5 882	101	259	88	339	136
Sales of \$40,000 or more	13	—	2	—	1	—
\$1,000	3 270	—	(D)	—	(D)	—
Hogs and pigs	652	85	176	40	65	52
\$1,000	8 571	401	820	119	427	303
Sales of \$40,000 or more	47	2	2	—	3	1
\$1,000	5 755	(D)	(D)	—	179	(D)
Sheep, lambs, and wool	26	4	3	2	5	3
\$1,000	21	2	3	(D)	3	2
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Other livestock and livestock products (see text)	208	39	75	16	14	23
\$1,000	1 673	176	657	24	68	54
Sales of \$40,000 or more	7	1	1	—	—	—
\$1,000	687	(D)	(D)	—	—	—
SELECTED FARM PRODUCTION EXPENSES:						
Livestock and poultry purchased	farms	1 721	428	455	104	176
\$1,000		37 068	9 872	8 530	1 468	2 026
Farms with expenses of—						
\$1 to \$4,999		657	98	198	34	86
\$5,000 to \$19,999		697	281	159	46	55
\$20,000 to \$49,999		306	46	89	23	32
\$50,000 or more		61	3	9	1	7
Feed for livestock and poultry	farms	2 048	474	498	133	195
\$1,000		120 955	26 118	24 580	8 062	8 004
Farms with expenses of—						
\$1 to \$4,999		772	107	204	57	80
\$5,000 to \$19,999		196	28	41	—	32
\$20,000 to \$49,999		294	116	75	6	21
\$50,000 or more		786	223	178	70	62
Commercially mixed formula feeds	farms	1 597	419	395	120	155
tons		673 595	148 270	137 787	45 472	44 136
\$1,000		117 503	25 799	24 325	7 987	7 831
Farms by tons purchased:						
1 to 99 tons		504	73	142	44	72
100 to 499 tons		642	245	155	38	44
500 tons or more		451	101	98	38	39
Farms with expenses of—						
\$1 to \$4,999		406	66	122	44	52
\$5,000 to \$19,999		143	20	26	—	7
\$20,000 to \$49,999		276	110	69	6	21
\$50,000 or more		772	223	178	70	62

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**VALUE OF PRODUCTS SOLD—Con.**

Market value of agricultural products sold—Con.

	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
Grain	185	180	123	364	222	82	21
Sales of \$40,000 or more	2 807	3 405	3 158	14 119	17 805	13 832	7 976
Commodity Credit Corporation loans	4	11	22	166	178	78	21
Cotton and cottonseed	204	543	1 038	9 781	16 877	13 707	7 976
Sales of \$40,000 or more	5	13	4	21	16	5	2
Commodity Credit Corporation loans	59	38	8	167	134	(D)	(D)
Tobacco	—	~	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—
Field seeds, hay, forage, and silage	21	26	12	52	20	8	1
Sales of \$40,000 or more	44	98	43	202	86	(D)	(D)
Vegetables, sweet corn, and melons	16	20	17	62	53	24	8
Sales of \$40,000 or more	131	260	208	1 774	3 174	4 740	4 916
Fruits, nuts, and berries	—	—	—	—	—	—	—
Sales of \$40,000 or more	3	13	—	168	816	(D)	—
Nursery and greenhouse products	28	—	—	1	3	1	—
Sales of \$40,000 or more	—	—	—	(D)	774	(D)	—
Other crops	—	—	—	—	—	—	—
Sales of \$40,000 or more	2	1	5	5	1	—	1
Poultry and poultry products	51	43	33	80	45	20	6
Sales of \$40,000 or more	5 987	6 057	4 912	15 373	13 927	8 369	21 710
Dairy products	40	35	25	67	42	19	6
Sales of \$40,000 or more	5 925	6 031	4 884	15 230	13 924	8 344	21 710
Cattle and calves	18	33	22	42	31	8	2
Sales of \$40,000 or more	706	1 444	1 211	3 082	3 081	865	(D)
Hogs and pigs	6	18	14	31	25	7	2
Sales of \$40,000 or more	453	1 160	1 089	2 830	2 948	845	(D)
Sheep, lambs, and wool	44	67	37	99	53	18	7
Sales of \$40,000 or more	220	312	504	786	610	277	2 251
Other livestock and livestock products (see text)	—	—	—	—	—	—	—
Sales of \$40,000 or more	8	7	4	12	8	2	—
Commercially mixed formula feeds	37	63	4	411	(D)	(D)	—
Farms with expenses of—	—	—	—	2	2	1	—
\$1 to \$4,999	446	378	755	1 067	2 459	(D)	(D)
\$5,000 to \$19,999	277	176	566	778	2 155	1 041	(D)
\$20,000 to \$49,999	1	1	1	5	1	—	—
\$50,000 or more	—	—	—	—	—	—	—
Feed for livestock and poultry	76	111	94	171	90	35	13
Farms with expenses of—	3 083	4 312	3 909	9 776	10 580	5 823	9 915
\$1 to \$4,999	38	50	46	82	16	6	1
\$5,000 to \$19,999	11	27	12	12	19	4	1
\$20,000 to \$49,999	5	7	10	19	10	5	2
\$50,000 or more	22	27	26	58	45	20	9
Farms by tons purchased:	56	84	61	100	74	27	10
1 to 99 tons	17 253	23 992	20 127	53 958	59 125	29 602	54 776
100 to 499 tons	3 007	4 216	3 503	9 201	10 067	5 136	9 782
500 tons or more	14	15	18	41	32	16	8
Farms with expenses of—	24	25	16	19	10	2	1
\$1 to \$4,999	5	25	16	7	13	4	—
\$5,000 to \$19,999	5	7	10	19	7	3	1
\$20,000 to \$49,999	22	27	19	55	44	18	8
\$50,000 or more	—	—	—	—	—	—	—

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**SELECTED FARM PRODUCTION EXPENSES¹ — Con.**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Animal health costs	farms \$1,000	1 562 2 456	371 584	351 633	116 106	167 138
Forms with expenses of—						
\$1 to \$499		673	133	144	47	91
\$500 to \$999		465	175	109	35	36
\$1,000 to \$2,999		219	41	32	26	30
\$3,000 or more		205	22	66	8	10
Seeds, bulbs, plants, and trees	farms \$1,000	2 404 5 622	125 105	442 173	205 93	256 140
Forms with expenses of—						
\$1 to \$999		1 499	105	418	197	237
\$1,000 to \$4,999		661	18	23	8	13
\$5,000 to \$9,999		144	1	—	—	6
\$10,000 or more		100	1	1	—	1
Commercial fertilizer	farms \$1,000	2 582 14 232	124 18	547 250	224 215	282 341
Forms with expenses of—						
\$1 to \$2,499		1 620	123	547	217	249
\$2,500 to \$9,999		619	1	—	7	33
\$10,000 to \$19,999		178	—	—	—	—
\$20,000 or more		165	—	—	—	—
Other agricultural chemicals including lime	farms \$1,000	2 629 6 917	139 31	556 151	241 139	275 184
Forms with expenses of—						
\$1 to \$2,499		1 974	138	555	241	270
\$2,500 to \$9,999		512	1	1	—	5
\$10,000 to \$19,999		93	—	—	—	4
\$20,000 or more		50	—	—	—	—
Energy and petroleum products	farms \$1,000	3 610 10 562	590 1 024	888 1 336	298 370	335 450
Forms with expenses of—						
\$1 to \$2,499		2 610	515	753	272	299
\$2,500 to \$9,999		791	65	117	18	32
\$10,000 to \$19,999		154	4	15	6	4
\$20,000 or more		55	6	3	2	1
Petroleum products	farms \$1,000	3 608 8 127	589 583	888 850	298 261	335 343
Gasoline	farms \$1,000	3 398	528	839	275	325
Diesel fuel	farms \$1,000	3 712	217	370	145	199
LP gas, butane, and propane	farms \$1,000	1 594	72	175	106	115
Fuel oil	farms \$1,000	2 234	75	97	40	36
Natural gas	farms \$1,000	1 216	141	136	24	47
Kerosene, motor oil, and grease	farms \$1,000	308	51	51	11	20
Electricity	farms \$1,000	380	102	82	15	10
Other—coal, wood, coke, etc.	farms \$1,000	33	8	7	—	(D)
Hired farm labor	farms \$1,000	28	1	1	—	—
Workers by number of days worked:						
150 days or more	farms workers	1 645 2 074	242 226	306 268	108 30	143 40
Less than 150 days	farms workers	1 376 6 703	109 1 062	7 3	1 —	129 461
Contract labor	farms \$1,000	47	6	3	—	—
Forms with expenses of—						
\$1 to \$2,499		268	21	78	32	19
\$2,500 to \$9,999		199	10	74	31	11
\$10,000 to \$19,999		37	8	3	—	16
\$20,000 or more		14	3	1	—	33
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	18	—	—	—	—
Forms with expenses of—						
\$1 to \$2,499		1 727	153	340	201	208
\$2,500 to \$9,999		2 435	147	231	141	199
\$10,000 to \$19,999		1 451	142	326	190	199
\$20,000 or more		258	10	14	11	9
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	12	—	—	—	—
Forms with expenses of—		6	1	—	—	—
\$1 to \$2,499		192	31	58	19	19
\$2,500 to \$9,999		1 188	23	128	30	129
\$10,000 to \$19,999		19	—	—	—	19
\$20,000 or more		19	—	—	—	19

See footnote at end of table.

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

{Excludes abnormal farms; see text!}

All Farms**SELECTED FARM PRODUCTION EXPENSES¹ — Con.**

	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
Animal health costs — farms \$1,000	60	86	62	128	80	31	9
Forms with expenses of —	65	78	88	188	149	76	246
\$1 to \$499	31	56	25	57	24	12	2
\$500 to \$999	11	13	11	23	20	2	1
\$1,000 to \$2,999	11	8	13	24	17	5	2
\$3,000 or more	7	9	13	24	19	12	4
Seeds, bulbs, plants, and trees — farms \$1,000	134	191	146	351	189	83	22
Forms with expenses of —	158	405	304	1 153	988	1 020	813
\$1 to \$999	106	92	53	77	21	6	1
\$1,000 to \$4,999	26	87	85	213	94	23	5
\$5,000 to \$9,999	1	6	7	46	48	20	2
\$10,000 or more	1	6	1	15	26	34	14
Commercial fertilizer — farms \$1,000	149	179	151	362	187	82	22
Forms with expenses of —	333	702	798	3 022	3 005	3 021	1 983
\$1 to \$2,499	100	79	37	67	18	3	—
\$2,500 to \$9,999	48	92	95	181	63	5	1
\$10,000 to \$19,999	—	8	19	98	42	10	1
\$20,000 or more	1	—	—	16	64	64	20
Other agricultural chemicals including lime — farms \$1,000	151	188	151	356	188	81	22
Forms with expenses of —	202	362	377	1 285	1 602	1 433	892
\$1 to \$2,499	128	126	96	125	17	1	—
\$2,500 to \$9,999	23	62	52	224	115	23	2
\$10,000 to \$19,999	—	—	3	4	48	31	7
\$20,000 or more	—	—	—	3	8	26	13
Energy and petroleum products — farms \$1,000	163	199	159	366	190	83	22
Forms with expenses of —	284	557	515	1 646	1 644	1 231	996
\$1 to \$2,499	133	117	91	134	18	1	—
\$2,500 to \$9,999	29	80	65	202	106	36	3
\$10,000 to \$19,999	1	2	3	22	57	32	7
\$20,000 or more	—	—	—	8	9	14	12
Petroleum products — farms \$1,000	162	199	159	366	190	83	22
Gasoline	236	462	399	1 349	1 329	1 036	872
Diesel fuel	148	190	152	365	186	82	21
LP gas, butane, and propane	152	264	231	687	576	395	227
Fuel oil	96	146	112	305	172	79	22
Natural gas	52	121	99	455	508	471	201
Kerosene, motor oil, and grease	11	38	31	56	42	29	8
Electricity	12	21	29	96	99	64	381
Other—coal, wood, coke, etc.	3	25	25	42	37	18	7
Hired farm labor	3	27	14	26	43	28	24
Contract labor	—	—	—	—	15	2	—
Workers by number of days worked:					(D)	(D)	—
150 days or more	10	39	38	106	124	68	20
Less than 150 days	34	81	104	235	355	347	299
Less than 150 days	43	106	93	146	111	56	15
Contract labor	200	850	406	630	614	547	159
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	6	11	1	42	33	8
Forms with expenses of —	(D)	30	(D)	398	498	134	(D)
\$1 to \$2,499	4	9	1	25	15	1	—
\$2,500 to \$9,999	1	1	—	6	7	4	—
\$10,000 to \$19,999	—	1	—	6	3	—	—
\$20,000 or more	1	—	—	5	8	3	1
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services	farms \$1,000	36	29	26	88	65	32
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	161	93	47	241	387	268
		8	8	16	9	4	—
		127	20	41	106	363	182

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**VALUE OF MACHINERY AND EQUIPMENT¹**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Estimated market value of all machinery and equipment	3 629	600	892	298	340	317
farms \$1,000	142 763	12 573	15 114	6 265	6 198	8 907
Farms by value group:						
\$1 to \$4,999	353	111	147	33	28	21
\$5,000 to \$9,999	773	138	334	82	89	55
\$10,000 to \$19,999	820	179	213	72	118	96
\$20,000 to \$49,999	838	127	144	80	86	91
\$50,000 to \$99,999	457	26	34	18	18	33
\$100,000 to \$199,999	281	15	18	13	1	20
\$200,000 to \$499,999	95	3	1	—	—	1
\$500,000 or more	12	1	1	—	—	—

SELECTED MACHINERY AND EQUIPMENT¹

Automobiles	farms	2 589	421	539	218	243	212
	number	3 846	562	783	314	365	279
Motortrucks, including pickups	farms	3 018	434	710	240	233	277
	number	6 472	680	978	406	361	473
Wheel tractors	farms	3 216	371	792	278	318	306
	number	8 698	702	1 399	555	654	714
2 or 3	farms	1 479	146	380	138	159	179
	number	3 522	352	851	315	374	421
4 or more	farms	746	27	33	26	28	51
	number	4 185	152	169	126	149	217
Grain and bean combines, self-propelled only	farms	1 154	43	90	63	49	143
	number	1 347	43	90	63	60	150
Cornpickers, corn heads, and picker-shellers	farms	1 172	42	137	63	61	156
	number	1 498	42	149	74	67	173
Corn heads for combines	farms	923	38	67	49	22	112
	number	1 033	38	67	49	22	113
Other cornpickers and picker-shellers	farms	437	4	82	25	45	50
	number	465	4	82	25	45	60
Cottonpickers	farms	—	—	—	—	—	—
	number	—	—	—	—	—	—
Mower conditioners	farms	553	51	68	17	73	59
	number	601	51	78	17	78	59
Pickup balers	farms	581	21	71	21	76	47
	number	617	21	71	21	76	47
Field forage harvesters, shear bar or flywheel type	farms	238	14	28	5	16	19
	number	280	14	28	5	16	19

AGRICULTURAL CHEMICALS¹

Agricultural chemicals, including commercial fertilizer and lime	farms	2 882	169	663	266	322	298
	\$1,000	21 149	50	401	354	525	803
Commercial fertilizer	farms	2 537	111	531	210	282	271
	acres on which used	412 690	313	8 259	7 073	12 741	20 460
Lime	farms	1 194	35	169	85	114	178
	acres on which used	108 755	89	2 355	2 455	3 950	7 333
	tons	114 292	113	2 609	2 392	4 715	7 240
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops	farms	1 146	63	221	93	77	116
	acres on which used	187 234	190	3 305	2 869	2 171	6 694
Nematodes in crops	farms	122	3	8	17	6	20
	acres on which used	16 933	9	23	596	420	1 177
Diseases in crops and orchards	farms	126	20	28	6	2	4
	acres on which used	15 777	28	181	(D)	(D)	149
Weeds, grass, or brush in crops and pasture	farms	2 014	51	389	194	254	204
	acres on which used	360 726	147	6 446	7 482	12 045	14 934

Chemicals for—

Defoliation or for growth control of crops, or thinning of fruit	farms	83	5	29	17	9	7
	acres on which used	3 600	9	621	271	405	437
Insect control on livestock and poultry	farms	511	50	136	21	61	37
Sanitation and rodent and bird control	farms	563	53	136	23	71	45

LIVESTOCK

Cattle and calves inventory	farms	715	43	135	47	90	59
	number	29 123	326	1 087	505	1 438	1 400
Farms with—							
1 to 9		293	35	101	29	44	23
10 to 49		247	7	31	17	44	28
50 to 99		84	1	2	1	1	7
100 to 199		66	—	1	—	—	—
200 to 499		24	—	—	—	1	1
500 or more		1	—	—	—	—	—
Cows and heifers that had calved	farms	571	32	98	31	71	49
	number	15 055	139	370	227	638	711
Beef cows	farms	311	27	62	18	43	19
	number	4 158	63	288	93	244	201
Farms with—							
1 to 9		209	27	54	15	34	11
10 to 49		87	—	8	3	9	8
50 to 99		9	—	—	—	—	—
100 to 199		4	—	—	—	—	—
200 to 499		2	—	—	—	—	—
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**VALUE OF MACHINERY AND EQUIPMENT¹**

	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
Estimated market value of all machinery and equipment — farms \$1,000	163	199	159	366	190	83	22
Farms by value group:	4 260	8 701	7 213	23 821	23 560	17 407	8 745
\$1 to \$4,999	7	4	2	—	—	—	—
\$5,000 to \$9,999	32	19	13	11	—	—	—
\$10,000 to \$19,999	41	35	26	36	3	1	—
\$20,000 to \$49,999	59	71	41	125	10	4	—
\$50,000 to \$99,999	18	51	66	114	69	9	1
\$100,000 to \$199,999	6	15	10	66	76	35	6
\$200,000 to \$499,999	—	4	1	14	30	29	12
\$500,000 or more	—	—	—	—	2	5	3

SELECTED MACHINERY AND EQUIPMENT¹

Automobiles — farms	115	155	146	308	145	69	18
number	164	216	229	495	254	140	45
Motortrucks, including pickups — farms	144	188	157	343	188	82	22
number	265	429	312	993	817	537	221
Wheel tractors — farms	160	192	149	360	186	82	22
number	417	621	533	1 358	891	613	241
2 or 3 — farms	73	109	69	172	45	8	1
number	169	273	173	450	118	(D)	(D)
4 or more — farms	46	68	69	166	138	73	21
number	207	333	349	886	770	(D)	(D)
Grain and bean combines, self-propelled only — farms	75	112	72	242	170	79	16
number	75	120	82	270	218	136	40
Cornpickers, corn heads, and picker-shellers — farms	60	106	86	221	152	71	17
number	68	139	121	289	222	114	40
Corn heads for combines — farms	51	95	61	196	144	71	17
number	51	102	63	210	182	101	35
Other cornpickers and picker-shellers — farms	16	34	58	73	37	10	3
number	17	37	58	79	40	13	5
Cottonpickers — farms	—	—	—	—	—	—	—
number	—	—	—	—	—	—	—
Mower conditioners — farms	24	41	55	78	63	18	6
number	34	43	60	83	66	23	9
Pickup balers — farms	27	66	55	104	65	22	6
number	30	89	55	109	67	25	6
Field forage harvesters, shear bar or flywheel type — farms	4	21	22	62	30	14	3
number	6	30	27	70	38	21	6

AGRICULTURAL CHEMICALS¹

Agricultural chemicals, including commercial fertilizer and lime — farms	159	188	158	366	188	83	22
farms \$1,000	535	1 065	1 175	4 306	4 607	4 453	2 875
Commercial fertilizer — farms	149	179	151	362	187	82	22
acres on which used	11 586	21 949	23 372	90 251	87 190	80 049	49 447
Lime — farms	37	97	76	216	117	53	17
acres on which used	2 439	5 547	7 338	20 653	18 123	21 298	17 175
tons	2 426	5 757	8 263	22 651	18 257	20 993	18 876
Sprays, dusts, granules, fumigants, etc. to control —	—	—	—	—	—	—	—
Insects on hay and other crops — farms	60	85	80	172	113	51	15
acres on which used	4 797	7 721	9 795	31 652	49 529	38 340	30 171
Nematodes in crops — farms	12	5	2	14	28	4	3
acres on which used	1 322	(D)	(D)	2 386	5 395	520	4 378
Diseases in crops and orchards — farms	6	8	3	16	23	7	3
acres on which used	166	81	3	1 427	7 925	3 039	2 719
Weeds, grass, or brush in crops and pasture — farms	126	148	114	299	148	68	19
acres on which used	11 770	17 016	17 567	77 625	82 685	68 034	44 975
Chemicals for —	—	—	—	—	—	—	—
Defoliation or for growth control of crops, or thinning of fruit — farms	2	1	—	6	4	2	1
acres on which used	(D)	(D)	—	762	585	(D)	(D)
Insect control on livestock and poultry — farms	14	49	24	61	38	15	5
Sanitation and rodent and bird control — farms	32	59	24	60	40	14	6

LIVESTOCK

Cattle and calves inventory — farms	52	70	40	100	54	18	7
farms number	1 648	3 193	2 026	6 726	5 877	1 918	2 979
Farms with —	—	—	—	—	—	—	—
1 to 9	16	10	6	25	3	1	—
10 to 49	24	33	18	27	14	4	—
50 to 99	10	13	10	22	9	6	2
100 to 199	2	14	6	18	19	4	2
200 to 499	—	—	—	8	9	3	2
500 or more	—	—	—	—	—	—	1
Cows and heifers that had calved — farms	44	61	35	82	48	14	6
farms number	842	1 692	1 223	3 977	3 379	927	930
Beef cows — farms	23	25	16	45	22	7	4
farms number	188	248	132	1 175	726	204	596
Farms with —	—	—	—	—	—	—	—
1 to 9	15	16	8	22	7	—	—
10 to 49	8	9	8	15	12	5	2
50 to 99	—	—	—	5	1	2	1
100 to 199	—	—	—	3	1	—	—
200 to 499	—	—	—	—	1	—	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**LIVESTOCK — Con.**

Cattle and calves inventory — Con.

Cows and heifers that had calved — Con.

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Milk cows	317 10 897	12 76	45 82	17 134	40 394	32 510
Forms with —						
1 to 4	103	9	42	7	16	12
5 to 9	18	2	3	3	3	1
10 to 49	106	—	—	7	21	17
50 to 99	60	1	—	—	—	1
100 to 199	28	—	—	—	—	1
200 to 499	2	—	—	—	—	—
500 or more	—	—	—	—	—	—
Heifers and heifer calves	456 9 109	16 92	56 382	27 180	57 406	38 448
Steers, steer calves, bulls, and bull calves	495 4 959	23 95	85 335	35 98	64 394	43 241
Cattle and calves sold	588 17 091	24 307	86 1 334	41 345	67 1 315	45 594
Calves	395 5 882	11 101	46 259	28 88	38 339	38 136
Cattle	7 226 9 865	106 201	1 061 273	173 172	1 018 297	312 282
Fattened on grain and concentrates	4 956 135	81 5	108 29	67 15	126 80	106 39
Hogs and pigs inventory	669 62 428	96 3 375	180 5 428	42 1 382	64 4 317	53 2 320
Forms with —						
1 to 9	188	29	64	14	22	23
10 to 49	291	55	92	16	23	18
50 to 99	89	8	17	10	12	5
100 to 199	37	2	3	1	2	4
200 to 499	37	1	4	1	3	3
500 or more	27	1	—	—	2	—
Used or to be used for breeding	506 10 726	73 517	141 1 311	31 233	50 973	37 542
Other	574 51 702	86 2 858	144 4 117	34 1 149	52 3 344	44 1 778
Hogs and pigs sold	652 103 175	85 5 170	176 13 871	40 1 948	65 5 178	52 4 135
Feeder pigs sold	278 33 426	30 1 742	83 8 848	21 787	427 1 467	26 1 914
Litters of pigs farrowed between —						
Dec. 1 of preceding year and Nov. 30	522 13 095	75 708	144 1 925	32 240	53 777	41 502
Dec. 1 and May 31	454 5 993	61 326	132 1 007	24 106	48 287	38 265
June 1 and Nov. 30	459 7 102	64 382	122 918	27 134	52 490	29 237
Sheep and lambs of all ages inventory	32 546	4 23	4 79	2 (D)	6 89	5 57
Ewes 1 year old or older	26 370	3 11	27 2	2 (D)	5 64	3 44
Sheep and lambs sold	23 416	4 19	2 (D)	2 (D)	63 63	43 43
Sheep and lambs shorn	21 420	3 16	3 17	2 (D)	5 61	1 (D)
	2 984	105	83	809	367	350
Horses and ponies inventory	547 3 455	58 234	179 1 051	50 353	65 366	50 427
Horses and ponies sold	162 1 648	28 169	58 650	12 18	17 68	17 50
Goats inventory	474 111	85 (D)	139 37	31 (D)	23 (D)	29 29
Goats sold	40 11	40 (D)	2 (D)	1 (D)	4 1	4 11

POULTRY

Chickens 3 months old or older inventory	360 729 529	51 113 496	91 72 319	36 16 810	46 63 092	34 20 711
Farms with —						
1 to 399	314	36	78	34	41	32
400 to 3,199	6	—	4	—	1	—
3,200 to 9,999	28	12	7	2	3	1
10,000 to 19,999	7	2	2	—	—	1
20,000 to 49,999	3	1	—	—	1	—
50,000 to 99,999	1	—	—	—	—	—
100,000 or more	1	—	—	—	—	—
Hens and pullets of laying age	341 570 742	45 68 788	83 66 258	34 16 764	45 56 809	33 8 596
Pullets 3 months old or older not of laying age	60 158 787	12 44 708	15 6 061	3 46	5 6 283	4 12 115

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**LIVESTOCK—Con.****Cattle and calves inventory—Con.****Cows and heifers that had calved—Con.**

	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
Milk cows	26 farms-- number--	40 farms-- number--	23 farms-- number--	44 farms-- number--	29 farms-- number--	7 (D)	2 (D)
Farms with—							
1 to 4	6	6	1	3	1	—	—
5 to 9	2	4	—	—	—	—	—
10 to 49	14	15	8	18	5	1	—
50 to 99	4	14	14	15	8	3	—
100 to 199	—	1	—	8	14	3	1
200 to 499	—	—	—	—	1	—	—
500 or more	—	—	—	—	—	—	—
Heifers and heifer calves	39 farms-- number--	57 farms-- number--	30 farms-- number--	72 farms-- number--	44 farms-- number--	13 farms-- number--	7 farms-- number--
Steers, steer calves, bulls, and bull calves	35 farms-- number--	49 farms-- number--	29 farms-- number--	76 farms-- number--	37 farms-- number--	13 farms-- number--	6 farms-- number--
Cattle and calves sold	44 farms-- number--	67 farms-- number--	37 farms-- number--	99 farms-- number--	53 farms-- number--	18 farms-- number--	7 farms-- number--
\$1,000—	725 farms-- number--	1 273 farms-- number--	1 382 farms-- number--	3 061 farms-- number--	2 047 farms-- number--	785 farms-- number--	3 923 farms-- number--
Calves	28 farms-- number--	55 farms-- number--	29 farms-- number--	63 farms-- number--	37 farms-- number--	8 farms-- number--	4 farms-- number--
\$1,000—	340 farms-- number--	612 farms-- number--	581 farms-- number--	1 506 farms-- number--	1 045 farms-- number--	322 farms-- number--	150 farms-- number--
Cattle	36 farms-- number--	55 farms-- number--	28 farms-- number--	80 farms-- number--	43 farms-- number--	18 farms-- number--	7 farms-- number--
\$1,000—	385 farms-- number--	661 farms-- number--	801 farms-- number--	1 555 farms-- number--	1 002 farms-- number--	463 farms-- number--	3 773 farms-- number--
Fattened on grain and concentrates	9 farms-- number--	10 farms-- number--	7 farms-- number--	21 farms-- number--	11 farms-- number--	7 farms-- number--	2 farms-- number--
\$1,000—	84 farms-- number--	95 farms-- number--	563 farms-- number--	376 farms-- number--	211 farms-- number--	(D) farms-- number--	(D) farms-- number--
\$1,000—	46 farms-- number--	36 farms-- number--	334 farms-- number--	166 farms-- number--	89 farms-- number--	(D) farms-- number--	(D) farms-- number--
Hogs and pigs inventory	41 farms-- number--	33 farms-- number--	28 farms-- number--	71 farms-- number--	48 farms-- number--	11 farms-- number--	2 farms-- number--
\$3 201 farms-- number--	2 984 farms-- number--	4 757 farms-- number--	8 727 farms-- number--	14 390 farms-- number--	(D) farms-- number--	(D) farms-- number--	(D) farms-- number--
Farms with—							
1 to 9	8	6	4	11	7	—	—
10 to 49	20	15	10	31	9	2	—
50 to 99	6	5	3	15	7	1	—
100 to 199	3	3	3	5	10	1	—
200 to 499	2	3	4	5	7	3	1
500 or more	2	1	4	4	8	4	1
Used or to be used for breeding	33 farms-- number--	26 farms-- number--	17 farms-- number--	53 farms-- number--	35 farms-- number--	8 farms-- number--	2 farms-- number--
Feeder pigs sold	460 farms-- number--	585 farms-- number--	651 farms-- number--	1 301 farms-- number--	1 983 farms-- number--	(D) farms-- number--	(D) farms-- number--
Other	33 farms-- number--	31 farms-- number--	28 farms-- number--	66 farms-- number--	44 farms-- number--	10 farms-- number--	2 farms-- number--
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	34 farms-- number--	27 farms-- number--	17 farms-- number--	53 farms-- number--	36 farms-- number--	8 farms-- number--	2 farms-- number--
Dec. 1 and May 31	608 farms-- number--	717 farms-- number--	894 farms-- number--	1 376 farms-- number--	3 005 farms-- number--	(D) farms-- number--	(D) farms-- number--
June 1 and Nov. 30	29 farms-- number--	20 farms-- number--	16 farms-- number--	48 farms-- number--	31 farms-- number--	5 farms-- number--	2 farms-- number--
Sheep and lambs of all ages inventory	1 farms-- number--	2 farms-- number--	1 farms-- number--	5 farms-- number--	2 farms-- number--	— farms-- number--	— farms-- number--
Ewes 1 year old or older	(D) farms-- number--	(D) farms-- number--	(D) farms-- number--	149 farms-- number--	(D) farms-- number--	— farms-- number--	— farms-- number--
Sheep and lambs sold	1 farms-- number--	— farms-- number--	(D) farms-- number--	101 farms-- number--	(D) farms-- number--	— farms-- number--	— farms-- number--
Sheep and lambs shorn	1 farms-- number--	1 farms-- number--	1 farms-- number--	5 farms-- number--	1 farms-- number--	— farms-- number--	— farms-- number--
pounds of wool	(D) farms-- number--	(D) farms-- number--	(D) farms-- number--	919 farms-- number--	90 farms-- number--	— farms-- number--	— farms-- number--
Horses and ponies inventory	32 farms-- number--	27 farms-- number--	18 farms-- number--	38 farms-- number--	25 farms-- number--	5 farms-- number--	— farms-- number--
Horses and ponies sold	216 farms-- number--	126 farms-- number--	78 farms-- number--	339 farms-- number--	170 farms-- number--	95 farms-- number--	— farms-- number--
Goats inventory	8 farms-- number--	6 farms-- number--	4 farms-- number--	9 farms-- number--	6 farms-- number--	2 farms-- number--	— farms-- number--
Goats sold	17 farms-- number--	20 farms-- number--	11 farms-- number--	37 farms-- number--	(D) farms-- number--	(D) farms-- number--	— farms-- number--
POULTRY							
Chickens 3 months old or older inventory	27 farms-- number--	34 farms-- number--	10 farms-- number--	18 farms-- number--	9 farms-- number--	3 farms-- number--	1 farms-- number--
\$1 542 farms-- number--	29 470 farms-- number--	702 farms-- number--	18 478 farms-- number--	463 farms-- number--	(D) farms-- number--	(D) farms-- number--	(D) farms-- number--
Farms with—							
1 to 399	26	31	10	16	9	1	—
400 to 3,199	1	—	—	—	—	—	—
3,200 to 9,999	—	2	—	1	—	—	—
10,000 to 19,999	—	1	—	1	—	—	—
20,000 to 49,999	—	—	—	—	—	1	—
50,000 to 99,999	—	—	—	—	—	1	—
100,000 or more	—	—	—	—	—	—	1
Hens and pullets of laying age	27 farms-- number--	34 farms-- number--	10 farms-- number--	17 farms-- number--	9 farms-- number--	3 farms-- number--	1 farms-- number--
Pullets 3 months old or older not of laying age	4 farms-- number--	13 farms-- number--	—	2 farms-- number--	—	1 farms-- number--	1 farms-- number--
	58 farms-- number--	8 128 farms-- number--	—	(D) farms-- number--	—	(D) farms-- number--	(D) farms-- number--

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**POULTRY—Con.**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Chickens 3 months old or older sold	102	26	30	8	12	9
farms— number—	904 946	154 534	188 339	14 946	52 916	161 772
Broilers and other meat-type chickens sold	1 040	349	246	69	73	60
farms— number—	148 327 236	33 477 564	32 992 264	9 524 817	8 466 296	7 970 861
Farms with—						
1 to 1,999	21	2	8	2	2	2
2,000 to 59,999	227	123	42	10	15	13
60,000 to 99,999	195	78	51	10	17	8
100,000 or more	597	146	145	47	39	37
Turkey hens kept for breeding	4	2	—	2	—	—
farms— number—	34	(D)	—	(D)	—	—
Turkeys sold	11	—	2	1	1	2
farms— number—	(D)	—	(D)	(D)	(D)	(D)
CROPS HARVESTED						
Corn for all purposes	1 695	19	244	116	158	181
farms— acres—	167 691	57	2 850	2 372	3 441	5 940
For grain or seed	1 668	19	239	113	153	180
farms— acres—	157 679	57	2 785	2 249	3 236	5 661
Irrigated	15 083 997	3 475	240 842	196 534	271 076	508 054
farms— acres—	79	1	1	1	1	(D)
Farms by acres harvested:						
1 to 24 acres	612	19	219	73	104	79
25 to 99 acres	608	—	20	40	49	95
100 to 499 acres	400	—	—	—	—	6
500 acres or more	48	—	—	—	—	—
Wheat for grain	384	—	9	11	16	38
farms— acres—	16 422	—	63	102	172	701
Irrigated	576 855	—	1 557	2 663	5 295	20 527
farms— acres—	2	—	—	—	—	—
Farms by acres harvested:						
1 to 24 acres	197	—	9	11	15	29
25 to 99 acres	153	—	—	—	1	9
100 to 499 acres	33	—	—	—	—	—
500 acres or more	1	—	—	—	—	—
Barley for grain	467	2	22	15	16	25
farms— acres—	25 185	(D)	(D)	249	158	357
Irrigated	1 109 242	(D)	(D)	12 457	6 202	12 358
farms— acres—	5	—	1	—	—	—
Soybeans for beans	2 196	53	421	185	231	232
farms— acres—	263 938	234	7 515	6 027	10 205	13 675
Irrigated	7 542 863	6 535	207 016	166 125	275 377	400 463
farms— acres—	30	1	2	1	—	—
Farms by acres harvested:						
1 to 24 acres	545	53	315	58	44	29
25 to 99 acres	900	—	106	127	187	169
100 to 499 acres	663	—	—	—	—	34
500 acres or more	88	—	—	—	—	—
Irish potatoes	56	—	8	3	6	3
farms— acres—	6 103	—	5	2	17	62
Irrigated	1 269 668	—	910	450	3 245	15 252
hundredweight— acres—	27	—	1	—	2	1
Farms by acres harvested:						
0.1 to 0.9 acres	14	—	6	2	2	1
1.0 to 4.9 acres	7	—	2	1	3	1
5.0 to 24.9 acres	2	—	—	—	1	—
25.0 to 99.9 acres	13	—	—	—	—	1
100.0 acres or more	20	—	—	—	—	—
Hay crops (see text)	736	10	143	56	87	68
farms— acres—	21 794	29	1 115	727	1 735	1 590
Irrigated	46 781	71	2 274	1 425	3 249	2 984
farms— acres—	7	—	—	—	1	—
Farms by acres harvested:						
1 to 24 acres	465	10	139	48	62	40
25 to 99 acres	237	—	4	8	25	27
100 to 499 acres	33	—	—	—	—	1
500 acres or more	1	—	—	—	—	—
Alfalfa hay	357	1	58	24	38	32
farms— acres—	6 912	(D)	(D)	220	468	391
Irrigated	19 936	(D)	(D)	501	1 207	898
farms— acres—	5	—	—	—	1	—
All vegetables harvested for sale (see text)	388	40	69	33	21	24
farms— acres—	41 053	98	453	590	217	230
Irrigated	123	4	10	8	5	3
farms— acres—	15 317	12	87	180	147	29
Farms by acres harvested:						
0.1 to 4.9 acres	147	39	42	15	12	13
5.0 to 24.9 acres	85	1	22	12	6	9
25.0 to 99.9 acres	77	—	5	4	3	2
100.0 acres or more	79	—	—	2	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms**POULTRY—Con.**

	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
Chickens 3 months old or older sold	2	4	3	5	—	2	1
forms—						(D)	(D)
number—	(D)	14 550	360	15 464	—	19	6
Brailers and other meat-type chickens sold	43	32	29	73	41	—	—
forms—							
number—	5 510 619	5 226 379	4 481 807	13 400 080	10 084 300	6 787 349	10 404 900
Forms with—							
1 to 1,999	—	—	3	2	—	—	—
2,000 to 59,999	6	4	3	8	3	—	—
60,000 to 99,999	12	4	3	8	3	1	—
100,000 or more	25	24	20	55	35	18	6
Turkey hens kept for breeding	—	—	—	—	—	—	—
forms—							
number—	—	—	—	—	—	—	—
Turkeys sold	—	—	2	2	1	—	—
forms—							
number—	—	—	50	(D)	(D)	—	—
CROPS HARVESTED							
Corn for all purposes	139	145	101	306	198	69	19
forms—							
acres—	6 223	8 241	7 503	34 716	43 228	31 944	21 176
For grain or seed	136	145	99	301	197	68	18
forms—							
acres—	5 753	7 682	6 707	32 709	41 054	31 207	18 559
Irrigated	542 529	719 404	657 630	3 133 602	3 953 787	3 037 777	1 819 287
forms—							
acres—	198	205	170	1 255	3 152	3 847	3 239
Forms by acres harvested:							
1 to 24 acres	45	32	14	21	5	1	—
25 to 99 acres	80	93	61	134	32	2	2
100 to 499 acres	11	20	24	146	152	36	5
500 acres or more	—	—	—	—	8	29	11
Wheat for grain	28	46	29	102	65	33	7
forms—							
acres—	545	1 011	726	3 597	3 688	3 472	2 345
bushels—	13 988	31 659	21 545	118 591	132 280	134 115	94 635
Irrigated	1	—	1	—	—	—	—
forms—							
acres—	(D)	—	(D)	—	—	—	—
Farms by acres harvested:							
1 to 24 acres	21	31	17	48	11	5	—
25 to 99 acres	7	15	12	50	46	11	2
100 to 499 acres	—	—	—	4	8	17	4
500 acres or more	—	—	—	—	—	—	1
Barley for grain	32	40	39	128	98	38	12
forms—							
acres—	597	1 028	1 400	4 930	7 500	5 810	2 834
bushels—	22 508	39 927	61 886	203 251	344 630	273 318	120 832
Irrigated	1	—	—	1	1	1	—
forms—							
acres—	(D)	—	(D)	—	(D)	(D)	—
Soybeans for beans	166	152	116	325	216	78	21
forms—							
acres—	12 336	13 597	13 373	53 159	68 220	45 888	19 709
bushels—	341 686	371 407	380 044	1 476 187	1 937 026	1 374 655	606 342
Irrigated	3	3	1	8	8	3	—
forms—							
acres—	155	82	(D)	698	808	235	—
Farms by acres harvested:							
1 to 24 acres	17	11	6	9	3	—	—
25 to 99 acres	100	82	45	71	12	1	—
100 to 499 acres	49	59	65	245	175	32	4
500 acres or more	—	—	—	—	26	45	17
Irish potatoes	4	2	1	13	11	4	1
forms—							
acres—	55	(D)	(D)	1 691	2 785	1 070	(D)
hundredweight—	11 376	(D)	(D)	355 844	563 566	248 000	(D)
Irrigated	1	1	1	10	7	2	1
forms—							
acres—	(D)	(D)	(D)	1 397	2 010	(D)	(D)
Farms by acres harvested:							
0.1 to 0.9 acres	3	—	—	—	—	—	—
1.0 to 4.9 acres	—	—	—	—	—	—	—
5.0 to 24.9 acres	—	—	—	—	1	—	—
25.0 to 99.9 acres	1	2	1	5	2	1	—
100.0 acres or more	—	—	—	8	8	3	1
Hay crops (see text)	55	81	38	118	58	18	4
forms—							
acres—	1 511	2 245	1 298	5 249	3 452	2 569	274
tons, dry—	3 262	4 519	2 955	12 331	8 751	4 309	651
Irrigated	2	—	1	2	1	—	—
forms—							
acres—	(D)	—	(D)	(D)	(D)	(D)	—
Farms by acres harvested:							
1 to 24 acres	31	41	17	51	20	5	1
25 to 99 acres	23	39	20	53	31	6	1
100 to 499 acres	1	1	1	14	7	6	2
500 acres or more	—	—	—	—	—	1	—
Alfalfa hay	26	49	20	61	36	9	3
forms—							
acres—	537	1 077	560	1 578	1 142	388	144
tons, dry—	1 530	2 375	1 633	4 951	4 525	1 053	311
Irrigated	1	—	1	1	1	—	—
forms—							
acres—	(D)	—	(D)	(D)	(D)	(D)	—
All vegetables harvested for sale (see text)	16	20	18	62	53	24	8
forms—							
acres—	389	868	640	3 877	9 872	12 584	11 235
Irrigated	6	4	6	27	34	9	7
forms—							
acres—	256	145	268	2 162	4 736	3 498	3 799
Farms by acres harvested:							
0.1 to 4.9 acres	6	7	4	8	1	—	—
5.0 to 24.9 acres	3	6	7	14	5	—	—
25.0 to 99.9 acres	7	4	5	31	12	3	1
100.0 acres or more	—	3	2	9	35	21	7

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**CROPS HARVESTED—Con.**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Land in orchards	58	9	23	3	5	3
farms	1 113	36	54	2	11	19
acres	3	—	—	—	—	—
Irrigated	147	—	—	—	—	—
Farms by acres in orchards:						
0.1 to 4.9 acres	35	5	18	3	4	2
5.0 to 24.9 acres	16	4	5	—	1	1
25.0 to 99.9 acres	4	—	—	—	—	—
100.0 acres or more	3	—	—	—	—	—

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**CROPS HARVESTED—Con.**

	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
Land in orchards	farms acres	—	2 (D)	—	4	7	2
Irrigated	farms acres	—	—	—	120	631	—
Farms by acres in orchards:							
0.1 to 4.9 acres	—	1	—	1	1	—	—
5.0 to 24.9 acres	—	1	—	1	2	1	—
25.0 to 99.9 acres	—	—	—	2	2	—	—
100.0 acres or more	—	—	—	—	2	1	—

¹1978 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
F FARMS AND LAND IN FARMS							
Farms	3 632	1 991	74	315	557	621	424
Land in farms	100.0	54.8	2.0	8.6	15.3	17.0	11.6
Average size of farm	679 045	565 490	92 847	135 526	135 339	128 781	72 997
Value of land and buildings ¹	acres	187	284	1 255	430	243	172
\$1,000.	3 633	1 963	74	315	583	611	380
Average per farm	dollars	982 293	807 573	114 861	192 214	219 143	203 149
Average per acre	dollars	270 380	411 397	1 552 178	610 203	375 887	332 486
	1 499	1 497	1 237	1 418	1 957	1 507	1 219
Farms by value of land and buildings:							
\$1 to \$19,999		228	106	1	11	41	6
\$20,000 to \$39,999		365	125	3	12	33	59
\$40,000 to \$69,999		571	198	3	17	72	18
\$70,000 to \$99,999		503	187	3	24	66	32
\$100,000 to \$149,999		480	205	4	24	84	56
\$150,000 to \$199,999		365	195	1	34	72	62
\$200,000 to \$499,999		626	478	13	74	106	49
\$500,000 to \$999,999		308	283	13	50	57	19
\$1,000,000 or more		187	186	33	69	52	1
Owned and rented land by operator:							
Land owned	farms	3 234	1 809	69	298	516	359
	acres	426 103	326 967	66 348	68 348	73 583	71 085
Land rented or leased from others	farms	1 496	977	48	188	243	280
	acres	281 593	254 970	27 258	68 817	68 434	62 390
Land rented or leased to others	farms	430	241	12	37	88	67
	acres	28 651	16 447	759	1 639	6 678	4 694
L LAND IN FARMS ACCORDING TO USE							
Total cropland	farms	3 114	1 568	61	260	414	451
	acres	536 077	464 270	69 606	116 694	114 166	108 387
Harvested cropland	farms	2 944	1 479	60	252	385	429
	acres	500 417	440 028	67 955	112 915	106 220	101 876
Farms by acres harvested:							
1 to 49 acres		1 284	293	4	48	114	79
50 to 99 acres		516	170	2	21	51	46
100 to 199 acres		458	340	4	35	57	69
200 to 499 acres		438	428	12	65	73	198
500 to 999 acres		175	175	11	46	82	36
1,000 to 1,999 acres		65	65	20	36	8	1
2,000 acres or more		8	8	7	1	-	-
Cropland:							
Pasture or grazing only	farms	771	384	9	44	108	112
	acres	18 662	11 641	243	1 093	3 455	4 445
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	129	66	3	8	28	15
	acres	3 779	2 452	151	932	806	273
On which all crops failed	farms	126	55	3	9	8	21
	acres	1 805	1 338	72	207	568	309
In cultivated summer fallow	farms	43	15	1	2	5	2
	acres	1 580	1 240	(D)	(D)	277	(D)
Idle	farms	417	243	9	39	76	71
	acres	9 834	7 571	690	1 430	2 840	1 459
Total woodland	farms	1 745	926	45	143	250	268
	acres	103 878	73 272	18 897	13 158	14 179	13 820
Woodland pastured	farms	266	118	7	18	41	30
	acres	7 770	5 532	733	1 365	1 682	1 102
Woodland not pastured	farms	1 574	850	41	130	222	250
	acres	96 108	67 740	18 164	11 793	12 497	12 718
Pastureland and rangeland other than cropland and woodland pastured							
Pastureland	farms	241	118	8	15	31	35
	acres	8 754	7 238	1 294	1 487	1 787	2 142
Land in house lots, ponds, roads, wasteland, etc.	farms	2 377	1 367	57	206	412	436
	acres	30 336	20 710	3 050	4 187	5 207	4 432
Pastureland, all types							
	farms	1 063	528	21	71	149	149
	acres	35 186	24 411	2 270	3 945	6 924	7 689
Irrigated land	farms	255	199	26	65	42	45
	acres	33 725	33 174	14 167	9 767	5 371	2 950
Harvested cropland irrigated	farms	252	199	26	65	42	45
	acres	33 429	32 953	14 067	9 687	5 343	2 937
Pastureland irrigated	farms	9	4	1	1	2	-
	acres	196	138	(D)	(D)	(D)	-
Other land irrigated	farms	6	3	-	1	-	2
	acres	100	83	-	(D)	(D)	-
Land set aside in the federal farm programs in 1978	farms	238	173	12	31	51	45
	acres	5 441	4 955	932	1 090	1 466	1 053
R RACE AND TENURE OF OPERATOR							
All operators	number	3 632	1 991	74	315	557	621
Full owners	number	2 144	1 020	26	128	318	342
Part owners	number	1 087	787	43	170	198	225
Tenants	number	401	184	5	17	41	54
White	number	3 540	1 975	74	314	553	614
Full owners	number	2 090	1 017	26	128	317	340
Part owners	number	1 057	776	43	169	195	222
Tenants	number	393	182	5	17	41	52
Black and other races	number	92	16	-	1	4	7
Full owners	number	54	3	-	-	1	2
Part owners	number	30	11	-	1	3	3
Tenants	number	8	2	-	-	-	2

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	
F FARMS AND LAND IN FARMS						
Farms	1 638	411	425	358	444	3
Percent	45.0	11.3	11.7	9.8	12.2	
Land in farms	112 734	46 430	34 309	16 418	15 577	821
Average size of farm	69	113	81	46	35	274
Value of land and buildings ¹	1 667	418	475	311	463	3
\$1,000	171 051	57 975	50 507	33 596	28 973	3 669
Average per farm	102 609	138 697	106 330	108 024	62 576	1 223 000
Average per acre	1 488	1 200	1 441	2 096	1 863	4 468
Forms by value of land and buildings:						
\$1 to \$19,999	122	3	28	30	61	—
\$20,000 to \$39,999	240	14	55	41	130	—
\$40,000 to \$69,999	372	72	95	61	144	1
\$70,000 to \$99,999	316	94	128	35	59	—
\$100,000 to \$149,999	275	97	72	82	24	—
\$150,000 to \$199,999	170	59	53	29	29	—
\$200,000 to \$499,999	148	68	32	32	16	—
\$500,000 to \$999,999	24	11	12	1	—	1
\$1,000,000 or more	—	—	—	—	—	1
Owned and rented land by operator:						
Land owned	1 423	337	365	314	407	2
farms						
acres	98 353	34 967	29 147	(D)	(D)	(D)
Land rented or leased from others	518	192	147	97	82	1
farms						
acres	26 585	14 888	7 488	(D)	(D)	(D)
Land rented or leased to others	189	31	58	39	61	—
farms						
acres	12 204	3 425	2 326	2 472	3 981	—
L LAND IN FARMS ACCORDING TO USE						
Total cropland	1 543	387	411	343	402	3
farms						
acres	71 366	32 738	20 816	9 488	8 324	441
Harvested cropland	1 462	377	403	327	355	3
farms						
acres	59 998	29 925	17 789	7 724	4 560	391
Farms by acres harvested:						
1 to 49 acres	990	82	256	302	350	1
50 to 99 acres	346	195	122	24	5	—
100 to 199 acres	116	91	24	1	—	2
200 to 499 acres	10	9	1	—	—	—
500 to 999 acres	—	—	—	—	—	—
1,000 to 1,999 acres	—	—	—	—	—	—
2,000 acres or more	—	—	—	—	—	—
Cropland:						
Pasture or grazing only	386	91	91	75	129	1
farms						
acres	6 997	1 506	2 124	(D)	(D)	(D)
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	63	14	16	12	21	—
farms						
acres	1 327	248	239	117	723	—
On which all crops failed	71	18	20	10	23	—
farms						
acres	467	114	171	61	121	—
In cultivated summer fallow	28	4	6	4	14	—
farms						
acres	340	29	78	153	80	—
Idle	173	60	34	42	37	1
farms						
acres	2 237	916	415	(D)	(D)	(D)
Total woodland	817	236	218	155	208	2
farms						
acres	30 459	10 918	9 586	(D)	(D)	(D)
Woodland pastured	148	38	50	25	35	—
farms						
acres	2 238	766	501	479	492	—
Woodland not pastured	722	215	183	136	188	2
farms						
acres	28 221	10 152	9 085	(D)	(D)	(D)
Pastureland and rangeland other than cropland and woodland pastured	122	22	53	18	29	1
farms						
acres	1 416	276	470	(D)	(D)	(D)
Land in house lots, ponds, roads, wasteland, etc.	1 008	242	264	216	286	2
farms						
acres	9 493	2 498	3 437	(D)	(D)	(D)
Pastureland, all types	534	123	142	104	165	1
farms						
acres	10 651	2 548	3 095	(D)	(D)	(D)
Irrigated land	54	14	12	13	15	2
farms						
acres	503	214	(D)	47	(D)	(D)
Harvested cropland irrigated	51	14	12	13	12	2
farms						
acres	428	191	168	(D)	(D)	(D)
Pastureland irrigated	5	1	2	—	2	—
farms						
acres	58	(D)	(D)	—	(D)	—
Other land irrigated	3	2	—	—	1	—
farms						
acres	17	(D)	—	—	(D)	—
Land set aside in the federal farm programs in 1978	65	39	15	8	3	—
farms						
acres	486	340	95	38	13	—
R RACE AND TENURE OF OPERATOR						
All operators	1 638	411	425	358	444	3
Full owners	1 122	219	279	261	363	2
Part owners	300	118	86	53	43	—
Tenants	216	74	60	44	38	1
White	1 562	401	411	333	417	3
Full owners	1 071	216	272	243	340	2
Part owners	281	115	81	46	39	—
Tenants	210	70	58	44	38	1
Black and other races	76	10	14	25	27	—
Full owners	51	3	7	18	23	—
Part owners	19	3	5	7	4	—
Tenants	6	4	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
F FARMS BY TYPE OF ORGANIZATION							
Individual or family	farms 479 300	3 178	1 669	33	240	481	533
	acres				85 979	102 623	100 965
Partnership	farms 83 032	291	378 365	24 515	11	42	60
	acres				24 206	17 138	20 424
Corporations:							
Family held	farms 107 886	134	115	29	27	27	23
	acres				21 534	13 889	5 537
More than 10 stockholders	farms 3		2	2	—	—	—
10 or less stockholders	farms 131		113	27	27	27	23
Other than family held	farms 6 092	16	13	1	6	2	4
	acres				3 807	729	1 485
More than 10 stockholders	farms 4		3	1	1	1	—
10 or less stockholders	farms 12		10	—	5	1	4
Other—cooperative, estate or trust, etc.	farms 2 735	13	2	—	—	1	1
	acres				(D)	(D)	(D)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated		2 756	1 568	54	268	439	495
Not on farm operated		486	222	14	25	47	70
Operators by age group:							
Under 25 years		122	76	3	5	16	33
25 to 34 years		474	279	7	38	78	83
35 to 44 years		725	396	22	79	117	113
45 to 54 years		870	526	26	101	145	160
55 to 64 years		871	520	12	78	163	161
65 years and over		570	194	4	14	38	71
Average age		49.9	48.4	46.1	47.8	47.9	48.6
Operators by sex:							
Male		3 402	1 855	68	303	509	576
Female		230	136	6	12	48	45
Operators of Spanish origin		24	11	1	1	6	—
Operators by principal occupation:							
Farming		2 079	1 409	64	263	385	412
Other		1 553	582	10	52	172	209
Operators reporting days of work off farm:							
None		1 576	1 050	52	207	297	299
1 to 99 days		340	199	5	31	51	63
100 to 199 days		322	154	4	17	50	56
200 days or more		1 221	494	9	44	137	174
F FARMS BY SIZE							
1 to 9 acres		584	367	3	38	124	158
10 to 49 acres		892	292	7	51	107	76
50 to 69 acres		281	80	2	16	34	18
70 to 99 acres		324	98	3	13	35	25
100 to 139 acres		301	122	4	14	28	20
140 to 179 acres		213	110	2	11	24	24
180 to 219 acres		192	143	1	11	22	43
220 to 259 acres		134	110	2	15	13	40
260 to 499 acres		379	342	5	51	60	150
500 to 999 acres		227	222	14	50	84	64
1,000 to 1,999 acres		83	83	16	39	25	3
2,000 acres or more		22	22	15	6	1	—
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)		1 606	607	7	41	88	228
Field crop, except cash grain farms (013)		81	27	2	10	6	5
Cotton farms (0131)		—	—	—	—	—	—
Tobacco farms (0132)		—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		81	27	2	10	6	5
Vegetable and melon farms (016)		99	43	7	9	8	9
Fruit and tree nut farms (017)		21	3	—	2	—	1
Horticultural specialty farms (018)		94	40	2	10	10	9
General farms, primarily crop (019)		54	22	1	5	6	4
Livestock farms, except dairy, poultry, and animal specialty (021)		334	56	4	5	8	18
Beef cattle farms, except feedlots (0212)		74	7	—	1	3	3
Dairy farms (024)		163	133	1	9	39	51
Poultry and egg farms (025)		1 053	1 008	48	217	386	288
Animal specialty farms (027)		92	32	—	1	1	4
General farms, primarily livestock (029)		35	20	2	6	5	3
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold	farms \$1,000	3 632	1 991	74	315	557	621
Farms by value of agricultural products sold:		326 003	315 161	92 152	91 689	78 388	40 976
\$500,000 or more		74	74	74	—	—	—
\$200,000 to \$499,999		315	315	—	315	—	—
\$100,000 to \$199,999		558	557	—	—	557	—
\$40,000 to \$99,999		622	621	—	—	—	621
\$20,000 to \$39,999		424	424	—	—	—	424
\$10,000 to \$19,999		412	—	—	—	—	—
\$5,000 to \$9,999		425	—	—	—	—	—
\$2,500 to \$4,999		358	—	—	—	—	—
Less than \$2,500		444	—	—	—	—	—

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	
F FARMS BY TYPE OF ORGANIZATION						
Individual or family	farms	1 509	373	392	320	424
	acres	100 935	42 369	29 954	14 163	14 449
Partnership	farms	99	31	25	30	13
	acres	8 895	3 530	3 094	1 755	516
Corporations:						
Family held	farms	19	6	4	4	5
	acres	2 269	431	1 130	252	456
More than 10 stockholders	farms	1	—	1	—	—
10 or less stockholders	farms	18	6	3	4	5
Other than family held	farms	3	—	2	—	1
	acres	51	—	(D)	—	(D)
More than 10 stockholders	farms	1	—	—	—	—
10 or less stockholders	farms	2	—	2	—	—
Other—cooperative, estate or trust, etc.	farms	8	1	2	4	1
	acres	584	(D)	(D)	248	(D)
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated		1 185	289	302	257	337
Not on farm operated		264	67	82	61	54
Operators by age group:						
Under 25 years		46	12	13	14	7
25 to 34 years		195	62	41	32	60
35 to 44 years		328	75	77	70	106
45 to 54 years		344	86	88	74	96
55 to 64 years		349	96	90	74	89
65 years and over		376	80	116	94	86
Average age		51.6	50.5	53.3	52.6	50.3
53.0						
Operators by sex:						
Male		1 544	392	406	331	415
Female		94	19	19	27	29
Operators of Spanish origin		13	3	2	2	6
Operators by principal occupation:						
Farming		668	212	212	128	116
Other		970	199	213	230	328
Operators reporting days of work off farm:						
None		524	151	154	101	118
1 to 99 days		141	44	44	28	25
100 to 199 days		167	38	47	37	45
200 days or more		727	159	157	170	241
F FARMS BY SIZE						
1 to 9 acres		217	26	28	53	110
10 to 49 acres		599	46	128	185	240
50 to 69 acres		201	46	80	46	29
70 to 99 acres		226	85	68	40	33
100 to 139 acres		179	92	60	14	13
140 to 179 acres		103	51	29	13	10
180 to 219 acres		49	28	13	2	6
220 to 259 acres		24	18	4	2	—
260 to 499 acres		35	16	13	3	3
500 to 999 acres		5	3	2	—	—
1,000 to 1,999 acres		—	—	—	—	—
2,000 acres or more		—	—	—	—	—
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)						
Cash grain farms (011)		999	285	296	233	185
Field crop, except cash grain farms (013)		54	3	7	13	31
Cotton farms (0131)		—	—	—	—	—
Tobacco farms (0132)		—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		54	3	7	13	31
Vegetable and melon farms (016)		56	11	10	15	20
Fruit and tree nut farms (017)		18	1	2	4	11
Horticultural specialty farms (018)		54	14	12	17	11
General farms, primarily crop (019)		32	3	4	3	22
Livestock farms, except dairy, poultry, and animal specialty (021)		277	34	74	52	117
Beef cattle farms, except feedlots (0212)		67	5	19	15	28
Dairy farms (024)		29	26	2	1	—
Poultry and egg farms (025)		45	25	7	6	7
Animal specialty farms (027)		60	9	11	11	29
General farms, primarily livestock (029)		14	—	—	3	11
VALUE OF AGRICULTURAL PRODUCTS SOLD						
Market value of agricultural products sold	farms	1 638	411	425	358	444
	\$1,000	10 580	5 784	2 949	1 286	562
Farms by value of agricultural products sold:						
\$500,000 or more		—	—	—	—	—
\$200,000 to \$499,999		—	—	—	—	—
\$100,000 to \$199,999		—	—	—	—	—
\$40,000 to \$99,999		—	—	—	—	1
\$20,000 to \$39,999		—	—	—	—	1
\$10,000 to \$19,999		411	411	—	—	1
\$5,000 to \$9,999		425	—	425	—	—
\$2,500 to \$4,999		358	—	—	358	—
Less than \$2,500		444	—	—	—	444

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	2 479	1 349	54	234	352	399
\$1,000		71 433	64 297	10 029	17 624	15 278	14 619
Sales of \$40,000 or more	farms	480	480	40	116	120	204
\$1,000		50 126	50 126	9 766	15 744	12 528	12 088
Commodity Credit Corporation loans	farms	82	62	3	8	13	14
\$1,000		551	497	47	60	94	175
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	255	128	1	14	28	49
\$1,000		821	592	(D)	(D)	155	228
Sales of \$40,000 or more	farms	1	1	—	—	—	1
\$1,000		(D)	(D)	—	—	—	(D)
Vegetables, sweet corn, and melons	farms	389	255	20	56	57	70
\$1,000		15 994	15 626	8 696	4 024	1 543	958
Sales of \$40,000 or more	farms	68	68	17	32	14	5
\$1,000		13 764	13 764	8 642	3 755	1 104	264
Fruits, nuts, and berries	farms	56	29	1	8	5	6
\$1,000		1 502	1 452	(D)	(D)	32	39
Sales of \$40,000 or more	farms	5	5	1	4	—	—
\$1,000		1 300	1 300	(D)	(D)	—	—
Nursery and greenhouse products	farms	113	50	2	12	12	13
\$1,000		8 052	7 692	(D)	(D)	1 335	608
Sales of \$40,000 or more	farms	31	31	2	10	11	8
\$1,000		7 349	7 349	(D)	(D)	1 315	566
Other crops	farms	50	41	6	12	12	8
\$1,000		5 595	5 588	2 006	2 456	899	216
Sales of \$40,000 or more	farms	28	28	5	11	9	3
\$1,000		5 407	5 407	1 967	2 432	855	153
Poultry and poultry products	farms	1 205	1 083	55	232	395	311
\$1,000		194 391	193 909	63 280	57 297	51 873	19 440
Sales of \$40,000 or more	farms	961	961	55	231	392	283
\$1,000		191 514	191 514	63 280	57 295	51 847	19 092
Dairy products	farms	222	176	4	19	46	63
\$1,000		11 998	11 561	771	2 508	4 559	2 904
Sales of \$40,000 or more	farms	110	109	4	16	44	45
\$1,000		10 316	10 192	(D)	(D)	4 515	2 467
Cattle and calves	farms	590	336	14	44	82	111
\$1,000		5 904	5 308	2 299	891	937	827
Sales of \$40,000 or more	farms	13	13	2	5	3	3
\$1,000		3 270	3 270	(D)	(D)	318	145
Hogs and pigs	farms	655	347	16	68	97	86
\$1,000		8 613	7 739	2 518	2 244	1 456	947
Sales of \$40,000 or more	farms	47	47	10	15	13	9
\$1,000		5 755	5 755	2 455	1 782	1 004	514
Sheep, lambs, and wool	farms	27	11	1	2	4	1
\$1,000		24	7	(D)	(D)	2	(D)
Sales of \$40,000 or more	farms	—	—	—	—	—	—
\$1,000		—	—	—	—	—	—
Other livestock and livestock products (see text)	farms	209	83	—	4	21	13
\$1,000		1 677	1 390	—	303	320	188
Sales of \$40,000 or more	farms	7	7	—	1	4	2
\$1,000		687	687	—	(D)	264	(D)
SELECTED FARM PRODUCTION EXPENSES¹							
Livestock and poultry purchased	farms	1 724	1 285	60	250	474	355
\$1,000		37 128	36 518	18 311	7 455	7 456	2 324
Farms with expenses of—							
\$1 to \$4,999		659	242	3	11	25	106
\$5,000 to \$19,999		697	676	1	35	370	247
\$20,000 to \$49,999		306	306	13	191	74	2
\$50,000 or more		62	61	43	13	5	—
Feed for livestock and poultry	farms	2 051	1 412	59	256	499	397
\$1,000		121 055	119 920	29 499	36 180	39 881	12 805
Farms with expenses of—							
\$1 to \$4,999		772	182	1	9	9	71
\$5,000 to \$19,999		197	150	—	4	17	47
\$20,000 to \$49,999		295	294	2	10	51	204
\$50,000 or more		787	786	56	233	422	75
Commercially mixed formula feeds	farms	1 599	1 270	55	246	489	339
tons		674 132	669 923	163 490	202 533	224 103	71 839
\$1,000		117 592	116 921	28 546	35 484	39 209	12 398
Farms by tons purchased:							
1 to 99 tons		504	178	1	7	25	44
100 to 499 tons		644	641	2	29	276	294
500 tons or more		451	451	52	210	188	1
Farms with expenses of—							
\$1 to \$4,999		406	111	1	4	11	31
\$5,000 to \$19,999		143	111	—	4	16	35
\$20,000 to \$49,999		277	276	2	8	47	198
\$50,000 or more		773	772	52	230	415	75

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 PRODUCTS SOLD—Con.						
Market value of agricultural products sold—Con.						
Grain	farms	1 128	317	348	253	210
\$1,000	farms	7 105	3 914	2 061	(D)	(D)
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Commodity Credit Corporation loans	farms	20	10	8	—	2
\$1,000	farms	55	37	(D)	—	(D)
Cotton and cottonseed	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Commodity Credit Corporation loans	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Tobacco	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Field seeds, hay, forage, and silage	farms	127	26	32	20	49
\$1,000	farms	229	77	63	45	43
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Vegetables, sweet corn, and melons	farms	132	37	31	29	35
\$1,000	farms	366	199	77	(D)	(D)
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Fruits, nuts, and berries	farms	27	4	2	9	12
\$1,000	farms	50	13	(D)	(D)	10
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Nursery and greenhouse products	farms	62	16	12	20	14
\$1,000	farms	358	194	(D)	(D)	21
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Other crops	farms	9	3	3	3	—
\$1,000	farms	6	3	1	3	—
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Poultry and poultry products	farms	120	46	20	25	29
\$1,000	farms	451	362	52	(D)	(D)
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Dairy products	farms	45	29	8	5	3
\$1,000	farms	312	291	18	(D)	(D)
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	(D)
Cattle and calves	farms	252	77	65	55	55
\$1,000	farms	574	206	220	(D)	(D)
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Hogs and pigs	farms	305	85	80	52	88
\$1,000	farms	832	398	275	93	66
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Sheep, lambs, and wool	farms	15	3	4	5	3
\$1,000	farms	14	2	5	5	(D)
Sales of \$40,000 or more	farms	—	—	—	—	(D)
\$1,000	farms	—	—	—	—	—
Other livestock and livestock products (see text)	farms	125	25	26	24	50
\$1,000	farms	283	126	82	(D)	(D)
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
SELECTED FARM PRODUCTION EXPENSES¹						
Livestock and poultry purchased	farms	436	120	114	85	117
\$1,000	farms	550	150	187	119	95
Farms with expenses of—						
\$1 to \$4,999		415	115	108	80	112
\$5,000 to \$19,999		21	5	6	5	5
\$20,000 to \$49,999		—	—	—	—	—
\$50,000 or more		—	—	—	—	1
Feed for livestock and poultry	farms	636	156	183	95	202
\$1,000	farms	1 035	368	322	125	219
Farms with expenses of—						
\$1 to \$4,999		590	130	174	89	197
\$5,000 to \$19,999		46	26	9	6	5
\$20,000 to \$49,999		—	—	—	—	1
\$50,000 or more		—	—	—	—	1
Commercially mixed formula feeds	farms	327	90	84	63	90
tons	tons	3 673	1 731	899	(D)	(D)
\$1,000	farms	582	273	145	(D)	(D)
Farms by tons purchased:						
1 to 99 tons		326	90	84	62	90
100 to 499 tons		1	—	—	1	—
500 tons or more		—	—	—	—	2
Farms with expenses of—						
\$1 to \$4,999		295	71	82	57	85
\$5,000 to \$19,999		32	19	2	6	5
\$20,000 to \$49,999		—	—	—	—	1
\$50,000 or more		—	—	—	—	1

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
SELECTED FARM PRODUCTION EXPENSES¹—Con.							
Animal health costs— farms \$1,000—	1 565 2 462	1 192 2 363	59 686	248 611	494 589	237 169	154 309
Farms with expenses of— \$1 to \$499— \$500 to \$999— \$1,000 to \$2,999— \$3,000 or more—	673 466 220 206	327 458 207 200	8 10 11 30	44 54 53 97	50 299 108 37	108 94 28 7	117 1 7 29
Seeds, bulbs, plants, and trees— farms \$1,000—	2 407 5 625	1 303 5 184	58 1 186	232 1 519	311 1 141	404 964	298 373
Farms with expenses of— \$1 to \$999— \$1,000 to \$4,999— \$5,000 to \$9,999— \$10,000 or more—	1 500 663 144 100	480 579 144 100	13 21 4 20	67 87 27 51	139 86 60 26	104 251 46 3	157 134 7 —
Commercial fertilizer— farms \$1,000—	2 585 14 246	1 287 12 894	55 2 673	229 3 876	299 2 480	405 2 815	299 1 050
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	1 621 621 178 165	444 504 174 165	4 13 6 32	71 53 25 80	121 82 54 42	127 193 75 10	121 163 14 1
Other agricultural chemicals including lime— farms \$1,000—	2 632 6 920	1 380 6 258	60 1 508	238 1 732	360 1 056	413 1 412	309 552
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	1 977 512 93 50	741 496 93 50	9 19 9 23	104 64 45 25	239 88 31 2	173 232 8 —	216 93 — —
Energy and petroleum products— farms \$1,000—	3 613 10 621	1 963 9 485	74 1 925	315 2 552	583 2 429	611 1 863	380 716
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	2 611 791 154 57	992 762 154 55	12 17 19 26	61 165 69 20	294 225 60 4	350 251 5 5	275 104 1 —
Petroleum products— farms \$1,000—	3 611 8 159	1 961 7 243	74 1 354	315 2 020	581 1 756	611 1 533	380 580
Gasoline— farms \$1,000—	3 401	1 857	70	301	544	580	362
Diesel fuel— farms \$1,000—	3 724	3 070	401	803	805	715	346
LP gas, butane, and propane— farms \$1,000—	1 596	1 182	52	192	278	384	276
Fuel oil— farms \$1,000—	2 236	2 132	369	583	494	526	160
Natural gas— farms \$1,000—	592	535	28	128	188	164	27
Kerosene, motor oil, and grease— farms \$1,000—	1 233	1 191	450	323	265	148	5
Electricity— farms \$1,000—	308	244	22	54	70	44	54
Other—coal, wood, coke, etc.— farms \$1,000—	380	356	(D)	183	(D)	30	(D)
Hired farm labor— farms \$1,000—	33	18	2	3	1	11	1
Workers by number of days worked: 150 days or more— workers	1 611	1 961	74	315	581	611	380
Less than 150 days— workers	558	467	68	127	116	103	54
Contract labor— farms \$1,000—	2 343	1 571	68	279	513	487	224
Customwork, machine hire, and rental of machinery and equipment— farms \$1,000—	2 449	2 232	570	532	669	327	134
Value of agricultural products sold directly to individuals for human consumption— farms \$1,000—	61	36	3	4	9	12	8
	14	11	1	—	4	3	1
Hired farm labor— farms \$1,000—	1 648 15 194	1 184 14 682	65 6 148	237 4 489	383 2 411	313 1 317	186 316
Farms with expenses of— \$1 to \$4,999— \$5,000 to \$19,999— \$20,000 to \$49,999— \$50,000 or more—	1 206 284 109 49	753 275 109 47	3 18 22 22	83 81 50 23	258 93 30 2	249 57 7 —	160 26 — —
Workers by number of days worked: 150 days or more— workers	713	657	59	168	202	174	54
Less than 150 days— workers	2 087	2 019	657	640	370	265	87
Contract labor— farms \$1,000—	1 379	925	40	192	327	208	158
Customwork, machine hire, and rental of machinery and equipment— farms \$1,000—	6 713	5 371	540	1 123	2 108	916	684
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	268 1 501	153 1 425	11 392	55 582	412	33	11
Income from machine work, customwork, and other agricultural services— farms \$1,000—	199 37 14 18	84 37 14 18	2 4 — 5	24 14 9 8	29 17 4 5	19 1 — —	10 1 — —
Value of agricultural products sold directly to individuals for human consumption— farms \$1,000—	1 728 2 436	967 1 941	29 199	183 555	321 521	235 436	199 230
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	1 452 258 12 6	721 228 12 6	9 17 2 1	99 73 7 4	266 52 2 1	173 61 1 —	174 25 — —
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services— farms \$1,000—	400 1 472	295 1 306	9 104	54 347	70 403	90 287	72 164
Value of agricultural products sold directly to individuals for human consumption— farms \$1,000—	193 1 188	79 995	3 179	14 317	12 297	28 108	22 94

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 EXPENSES¹—Con.						
Animal health costs— farms— \$1,000—	370 93	81 16	109 24	70 5	110 47	3 6
Forms with expenses of— \$1 to \$499— \$500 to \$999— \$1,000 to \$2,999— \$3,000 or more—	346 7 12 5	74 6 1 —	102 1 6 —	70 — — —	100 — 5 5	— 1 1 1
Seeds, bulbs, plants, and trees— farms— \$1,000—	1 101 438	368 210	326 132	174 53	233 43	3 3
Forms with expenses of— \$1 to \$999— \$1,000 to \$4,999— \$5,000 to \$9,999— \$10,000 or more—	1 019 82 — —	309 59 — —	307 19 — —	170 4 — —	233 — — —	1 2 — —
Commercial fertilizer— farms— \$1,000—	1 295 1 338	364 724	378 387	231 122	322 106	3 14
Forms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	1 176 115 4 —	273 87 4 —	356 22 — —	230 1 — —	317 5 — —	1 2 — —
Other agricultural chemicals including lime— farms— \$1,000—	1 249 658	355 319	375 228	237 60	282 51	3 3
Forms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	1 233 16 — —	340 15 — —	374 1 — —	237 — — —	282 — — —	3 — — —
Energy and petroleum products— farms— \$1,000—	1 647 1 076	413 463	471 328	311 141	452 145	3 59
Forms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	1 618 29 — —	388 25 — —	467 4 — —	311 — — —	452 — — —	1 — — 2
Petroleum products— farms— \$1,000—	1 647 884	413 385	471 277	311 111	452 111	3 32
Gasoline— farms— \$1,000—	1 541	377	430	286	448	3
Diesel fuel— farms— \$1,000—	642	272	200	85	86	12
LP gas, butane, and propane— farms— \$1,000—	412	182	139	55	36	2
Fuel oil— farms— \$1,000—	102	53	35	(D)	(D)	(D)
Natural gas— farms— \$1,000—	55	22	10	12	11	2
Kerosene, motor oil, and grease— farms— \$1,000—	24	14	3	(D)	(D)	(D)
Electricity— farms— \$1,000—	64	24	25	1	14	—
Other—coal, wood, coke, etc.— farms— \$1,000—	24	8	13	(D)	(D)	—
Hired farm labor— farms— \$1,000—	15 1 647	12 413	103 471	92 311	452 152	3 3
Forms with expenses of— \$1 to \$4,999— \$5,000 to \$19,999— \$20,000 to \$49,999— \$50,000 or more—	9 — — —	4 — — —	78 — — —	87 5 — —	— — — —	1 — — 2
Workers by number of days worked: 150 days or more— farms— workers—	54	26	20	4	4	2
Less than 150 days— farms— workers—	55 451 1 332	26 182 558	21 103 375	4 74 242	(D) 92 157	(D) 3 10
Contract labor— farms— \$1,000—	115 76	23 17	48 28	33 20	11 10	— —
Forms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	115 — — —	23 — — —	48 — — —	33 — — —	11 — — —	— — — —
Customwork, machine hire, and rental of machinery and equipment— farms— \$1,000—	760 495	282 263	210 123	146 (D)	122 (D)	1 (D)
Forms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	730 30 — —	260 22 — —	202 8 — —	146 — — —	122 — — —	1 — — —
FARM-RELATED INCOME						
Income from machine work, customwork, and other agricultural services— farms— \$1,000—	105 166	37 59	31 36	17 22	20 49	— —
Value of agricultural products sold directly to individuals for human consumption— farms— \$1,000—	113 193	13 54	23 53	36 (D)	41 (D)	1 (D)

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 EQUIPMENT¹							
Estimated market value of all machinery and equipment	forms \$1,000	3 632 143 141	1 963 118 558	74 19 620	315 29 496	583 28 982	611 28 963
Farms by value group:							
\$1 to \$4,999		353	78	—	7	39	20
\$5,000 to \$9,999		773	104	3	8	29	51
\$10,000 to \$19,999		821	449	2	40	189	125
\$20,000 to \$49,999		838	548	11	68	100	179
\$50,000 to \$99,999		457	423	13	73	108	162
\$100,000 to \$199,999		282	258	16	77	96	64
\$200,000 to \$499,999		96	91	19	40	22	10
\$500,000 or more		12	12	10	2	—	—
SELECTED MACHINERY AND EQUIPMENT¹							
Automobiles	farms	2 591	1 501	62	258	451	495
	number	3 848	2 313	130	471	605	709
Mototrucks, including pickups	farms	3 021	1 712	72	305	494	541
	number	6 485	4 621	476	1 108	1 145	1 249
Wheel tractors	farms	3 219	1 817	71	295	523	562
	number	8 720	5 970	502	1 327	1 471	1 679
2 or 3	farms	1 480	755	14	81	189	237
	number	3 524	1 876	36	203	478	595
4 or more	farms	748	628	46	162	166	180
	number	4 205	3 660	455	1 072	825	939
Grain and bean combines, self-propelled only	farms	1 156	831	44	162	179	274
	number	1 351	1 009	70	222	200	337
Cornpickers, corn heads, and picker-shellers	farms	1 175	786	35	147	208	255
	number	1 501	1 072	57	207	255	360
Corn heads for combines	farms	925	688	34	143	162	223
	number	1 035	798	54	177	175	265
Other cornpickers and picker-shellers	farms	438	256	3	25	75	90
	number	466	274	3	30	80	95
Cottonpickers	farms	—	—	—	—	—	—
	number	—	—	—	—	—	—
Mower conditioners	farms	555	338	7	40	102	107
	number	603	359	11	43	108	109
Pickup balers	farms	582	351	11	40	91	123
	number	618	387	11	41	95	154
Field forage harvesters, shear bar or flywheel type	farms	240	167	7	29	57	56
	number	282	209	11	38	71	70
AGRICULTURAL CHEMICALS¹							
Agricultural chemicals, including commercial fertilizer							
and lime	farms	2 885	1 436	62	254	371	426
	\$1,000	21 166	19 153	4 181	5 608	3 536	4 227
Commercial fertilizer	farms	2 540	1 267	55	227	293	399
	acres on which used	413 181	362 798	62 110	99 597	71 189	94 079
Lime	farms	1 194	698	39	108	154	228
	acres on which used	108 755	94 136	24 006	20 934	16 307	22 341
	tons	114 292	98 728	25 579	20 390	17 094	24 240
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops	farms	1 146	680	38	119	163	206
	acres on which used	187 234	172 769	39 572	44 592	36 466	37 115
Nematodes in crops	farms	123	77	11	15	10	23
	acres on which used	16 935	15 290	5 883	1 657	1 367	4 598
Diseases in crops and orchards	farms	127	75	10	22	11	16
	acres on which used	15 781	15 190	6 023	3 750	1 126	4 204
Weeds, grass, or brush in crops and pasture	farms	2 017	1 086	49	187	274	338
	acres on which used	361 136	321 274	57 549	84 160	58 234	91 909
Chemicals for—							
Defoliation or for growth control of crops, or thinning							
of fruit	farms	84	34	2	9	15	8
	acres on which used	3 601	2 416	(D)	(D)	786	807
Insect control on livestock and poultry	farms	513	349	20	61	90	77
Sanitation and rodent and bird control	farms	564	366	27	67	99	106
LIVESTOCK							
Cattle and calves inventory	farms	717	367	15	49	99	113
	number	29 325	24 561	3 308	4 694	7 832	6 039
Farms with—							
1 to 9		294	84	3	11	31	23
10 to 49		247	123	2	13	15	33
50 to 99		84	74	4	10	13	33
100 to 199		67	63	3	4	31	24
200 to 499		24	22	2	11	9	—
500 or more		1	1	1	—	—	—
Cows and heifers that had calved	farms	572	313	11	41	87	94
	number	15 167	13 081	1 138	2 528	4 498	3 470
Beef cows	farms	312	143	7	26	40	33
	number	4 182	2 795	575	541	812	409
Farms with—							
1 to 9		209	80	2	10	26	18
10 to 49		88	52	4	14	9	13
50 to 99		9	7	—	1	4	2
100 to 199		4	2	—	1	—	—
200 to 499		2	2	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 EQUIPMENT¹						
Estimated market value of all machinery and equipment forms \$1,000	1 666	418	475	311	462	3
Forms by value group:	24 205	8 657	8 111	3 615	3 822	378
\$1 to \$4,999	275	39	68	53	115	—
\$5,000 to \$9,999	669	104	165	124	276	—
\$10,000 to \$19,999	371	130	124	78	39	1
\$20,000 to \$49,999	290	115	92	56	27	—
\$50,000 to \$99,999	34	21	8	—	5	—
\$100,000 to \$199,999	23	5	18	—	—	1
\$200,000 to \$499,999	4	4	—	—	—	1
\$500,000 or more	—	—	—	—	—	—
SELECTED MACHINERY AND EQUIPMENT¹						
Automobiles forms number	1 088	294	331	205	258	2
Motortrucks, including pickups forms number	1 533	425	473	(D)	(D)	(D)
Wheel tractors forms number	1 306	327	390	246	343	3
2 or 3 forms number	1 851	555	552	328	416	13
4 or more forms number	1 399	356	428	263	352	3
2 or 3 forms number	2 728	810	847	479	592	22
4 or more forms number	1 646	448	513	(D)	(D)	(D)
Corn and bean combines, self-propelled only forms number	118	60	42	5	11	2
Grain and bean combines, self-propelled only forms number	525	254	183	(D)	(D)	(D)
Grain and bean combines, self-propelled only forms number	323	118	141	42	22	2
Grain and bean combines, self-propelled only forms number	338	128	146	(D)	(D)	(D)
Cornpickers, corn heads, and picker-shellers forms number	386	136	126	64	60	3
Corn heads for combines forms number	426	160	137	69	60	3
Other cornpickers and picker-shellers forms number	235	94	93	32	16	2
Cottonpickers forms number	181	56	44	37	44	1
Cottonpickers forms number	191	66	44	(D)	(D)	(D)
Mower conditioners forms number	—	—	—	—	—	—
Pickup balers forms number	215	56	65	45	49	2
Field forage harvesters, shear bar or flywheel type forms number	242	58	75	(D)	(D)	(D)
Field forage harvesters, shear bar or flywheel type forms number	230	33	102	61	34	1
Field forage harvesters, shear bar or flywheel type forms number	230	33	102	(D)	(D)	(D)
Field forage harvesters, shear bar or flywheel type forms number	71	6	39	24	2	2
Field forage harvesters, shear bar or flywheel type forms number	71	6	39	(D)	(D)	(D)
AGRICULTURAL CHEMICALS¹						
Agricultural chemicals, including commercial fertilizer and lime forms \$1,000	1 446	395	426	262	363	3
Commercial fertilizer forms acres on which used	1 996	1 043	615	182	157	17
Lime forms acres on which used	1 270	356	369	228	317	3
Lime forms tons	49 892	25 927	15 829	4 408	3 728	491
Sprays, dusts, granules, fumigants, etc. to control— Insects on hay and other crops forms acres on which used	14 466	137	141	74	114	—
Nematodes in crops forms acres on which used	14 465	8 645	3 848	1 289	683	—
Diseases in crops and orchards forms acres on which used	1 45	18	16	5	6	1
Weeds, grass, or brush in crops and pasture forms acres on which used	1 643	803	790	(D)	(D)	(D)
Weeds, grass, or brush in crops and pasture forms acres on which used	51	20	3	17	11	1
Weeds, grass, or brush in crops and pasture forms acres on which used	587	313	93	157	24	4
Weeds, grass, or brush in crops and pasture forms acres on which used	928	244	324	166	194	3
Chemicals for— Defoliation or for growth control of crops, or thinning of fruit forms acres on which used	39 452	19 349	13 648	3 459	2 996	410
Insect control on livestock and poultry forms	1 49	6	26	13	4	1
Sanitation and rodent and bird control forms	1 184	188	795	(D)	(D)	(D)
Cattle and calves inventory forms number	4 562	1 634	1 488	(D)	(D)	(D)
Farms with— 1 to 9	209	32	48	46	83	1
Farms with— 10 to 49	124	54	25	24	21	—
Farms with— 50 to 99	10	3	4	2	1	—
Farms with— 100 to 199	3	2	1	—	—	1
Farms with— 200 to 499	2	—	2	—	—	—
Farms with— 500 or more	—	—	—	—	—	—
Cows and heifers that had calved forms number	1 258	70	64	51	73	1
Beef cows forms number	1 974	747	703	(D)	(D)	(D)
Farms with— 1 to 9	168	39	46	37	46	1
Farms with— 10 to 49	1 363	321	625	(D)	(D)	(D)
Farms with— 50 to 99	129	27	33	28	41	—
Farms with— 100 to 199	35	11	10	9	5	1
Farms with— 200 to 499	2	1	1	—	—	—
Farms with— 500 or more	—	—	—	—	—	—

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	
LIVESTOCK—Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows	318 forms number	197 10 985	4 563	17 1 987	54 3 686	67 3 061	55 989
Forms with—							
1 to 4	103	26	—	1	9	6	10
5 to 9	18	3	—	—	—	—	3
10 to 49	106	78	—	3	6	28	41
50 to 99	61	60	—	2	24	33	1
100 to 199	28	28	3	10	15	—	—
200 to 499	2	2	1	1	—	—	—
500 or more	—	—	—	—	—	—	—
Heifers and heifer calves	458 forms number	273 9 186	12 7 738	30 1 020	75 2 746	88 1 815	68 780
Steers, steer calves, bulls, and bull calves	497 forms number	253 4 972	10 3 742	33 1 150	61 789	77 588	72 754
Cattle and calves sold	590 forms number	336 17 184	14 4 103	44 2 395	82 3 509	111 3 583	85 1 357
Calves	397 forms number	239 5 904	6 2 299	31 891	59 937	81 827	62 355
Cattle	7 272 forms number	6 180 \$1,000	220	917	2 136 2 308	2 208 2 253	699 76
Fattened on grain and concentrates	135 forms number	776 \$1,000	19	120	307	—	—
Hogs and pigs inventory	672 forms number	353 63 465	14 54 387	64 17 832	108 13 582	89 10 364	78 7 898
Forms with—							
1 to 9	189	77	—	4	31	24	18
10 to 49	291	134	3	16	41	35	39
50 to 99	89	51	—	17	13	12	9
100 to 199	37	29	—	9	8	7	5
200 to 499	38	35	2	8	9	9	7
500 or more	28	27	9	10	6	2	—
Used or to be used for breeding	509 forms number	257 10 863	11 8 937	46 2 677	73 1 989	66 1 450	61 1 856
Other	576 forms number	317 52 602	14 45 450	60 15 155	94 11 593	80 8 914	69 6 042
Hogs and pigs sold	655 forms number	347 104 024	16 88 728	68 25 740	97 25 389	86 16 986	80 12 428
Feeder pigs sold	280 forms number	126 8 613	4 7 739	18 2 518	34 2 244	94 1 456	574 574
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	525 forms number	265 13 244	11 10 955	47 3 136	75 2 815	68 2 108	64 1 750
Dec. 1 and May 31	457 forms number	232 6 063	9 4 890	41 1 078	67 1 474	61 1 036	54 750
June 1 and Nov. 30	462 forms number	242 7 181	11 6 065	43 2 058	69 1 341	63 1 072	56 1 000
Sheep and lambs of all ages inventory	33 forms number	15 590	1 (D)	4 (D)	3 49	3 80	4 30
Ewes 1 year old or older	27 forms number	12 412	1 (D)	4 (D)	3 44	3 49	1 15
Sheep and lambs sold	24 forms number	10 461	1 (D)	2 (D)	3 46	1 (D)	3 45
Sheep and lambs shorn	22 forms number	7 460	1 (D)	2 (D)	2 (D)	1 (D)	1 (D)
	pounds of wool	146 3 362	83	155	296	422	176
Horses and ponies inventory	548 forms number	221 3 471	— 1 347	23 114	61 406	54 268	83 559
Horses and ponies sold	163 forms number	70 476	— 270	3 17	16 94	41 43	41 116
Goats inventory	24 forms number	8 111	— 33	— —	3 8	4 (D)	1 (D)
Goats sold	11 forms number	4 40	4 9	— —	1 (D)	2 (D)	1 (D)
	\$1,000	1 1	— —	— —	— —	— —	— —
POULTRY							
Chickens 3 months old or older inventory	361 forms number	143 729 789	5 664 553	4 437 434	26 12 182	56 98 331	52 92 284
Forms with—							
1 to 399	315	108	—	3	17	41	47
400 to 3,199	6	3	—	—	—	1	2
3,200 to 9,999	28	22	1	—	5	13	3
10,000 to 19,999	7	5	—	1	3	1	—
20,000 to 49,999	3	3	2	—	1	—	—
50,000 to 99,999	1	1	1	—	—	—	—
100,000 or more	1	1	1	—	—	—	—
Hens and pullets of laying age	342 forms number	135 570 942	4 529 306	4 350 080	25 12 182	52 68 261	50 84 062
Pullets 3 months old or older not of laying age	61 forms number	30 158 847	3 135 247	— 87 354	5 30 070	18 8 222	4 9 601

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	number	farms	number	farms	number
LIVESTOCK—Con.						
Cattle and calves inventory—Con.						
Cows and heifers that had calved—Con.						
Milk cows	120	39	25	23	33	1
forms	611	426	78	(D)	(D)	(D)
Forms with—						
1 to 4	77	8	18	19	32	—
5 to 9	15	4	6	4	1	—
10 to 49	28	27	1	—	—	1
50 to 99	—	—	—	—	—	—
100 to 199	—	—	—	—	—	—
200 to 499	—	—	—	—	—	—
500 or more	—	—	—	—	—	—
Heifers and heifer calves	183	58	45	40	40	2
forms	1 371	505	369	(D)	(D)	(D)
number	242	74	50	52	66	2
Steers, steer calves, bulls, and bull calves	1 217	382	416	(D)	(D)	(D)
forms						
number						
Cattle and calves sold	252	77	65	55	55	2
forms	2 144	835	730	(D)	(D)	(D)
number	574	206	220	(D)	(D)	(D)
Calves	156	61	33	30	32	2
forms	1 046	484	294	(D)	(D)	(D)
number	151	59	50	(D)	(D)	(D)
Cattle	189	58	53	43	35	1
forms	1 098	351	436	(D)	(D)	(D)
number	423	147	171	(D)	(D)	(D)
Fattened on grain and concentrates	65	15	19	15	16	—
forms	315	112	107	58	38	—
number	131	45	43	27	16	—
Hogs and pigs inventory	316	82	82	55	97	3
forms	8 041	3 024	2 499	1 245	1 273	1 037
number						
Forms with—						
1 to 9	111	30	22	22	37	1
10 to 49	157	26	45	26	60	—
50 to 99	38	19	15	4	—	—
100 to 199	8	5	—	3	—	—
200 to 499	2	2	—	—	1	—
500 or more	—	—	—	—	1	—
Used or to be used for breeding	249	64	73	38	74	3
forms	1 789	604	644	253	288	137
number						
Other	257	62	70	49	76	2
forms	6 252	2 420	1 855	(D)	(D)	(D)
Hogs and pigs sold	305	85	80	52	88	3
forms	14 447	5 889	5 471	1 605	1 482	849
number	832	398	275	93	66	42
Feeder pigs sold	152	48	54	20	30	2
forms	7 819	2 561	3 909	(D)	(D)	(D)
number	298	101	152	(D)	(D)	(D)
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30	257	69	74	39	75	3
forms	2 140	696	941	252	251	149
number						
Dec. 1 and May 31	222	60	71	36	55	3
forms	1 103	358	476	135	134	70
number						
June 1 and Nov. 30	217	63	69	29	56	3
forms	1 037	338	465	117	117	79
Sheep and lambs of all ages inventory	17	4	4	6	3	1
forms	336	37	145	134	20	(D)
number	14	4	4	3	3	1
Ewes 1 year old or older	222	20	129	62	11	(D)
forms	13	1	4	5	3	1
Sheep and lambs sold	13	1	4	106	16	(D)
forms	254	(D)	(D)	(D)	(D)	(D)
Sheep and lambs shorn	14	3	4	4	3	1
forms	274	14	181	(D)	(D)	(D)
pounds of wool	1 852	101	1 212	434	105	378
Horses and ponies inventory	326	70	70	65	121	1
forms	2 108	453	494	(D)	(D)	(D)
number	92	23	20	18	31	1
Horses and ponies sold	204	56	46	(D)	(D)	(D)
forms	263	125	73	(D)	(D)	(D)
number						
Goats inventory	16	4	4	3	5	—
forms	78	6	33	15	24	—
number	7	1	2	3	1	—
Goats sold	31	(D)	(D)	15	(D)	—
forms	1	(D)	(D)	—	(D)	—
number						
POULTRY						
Chickens 3 months old or older inventory	217	57	43	45	72	1
forms	64 976	57 428	2 932	(D)	(D)	(D)
number						
Forms with—						
1 to 399	206	48	41	45	72	1
400 to 3,199	3	1	2	—	—	—
3,200 to 9,999	6	6	—	—	—	—
10,000 to 19,999	2	2	—	—	—	—
20,000 to 49,999	—	—	—	—	—	—
50,000 to 99,999	—	—	—	—	—	—
100,000 or more	—	—	—	—	—	—
Hens and pullets of laying age	206	55	41	45	65	1
forms	41 436	34 641	2 628	(D)	(D)	(D)
number						
Pullets 3 months old or older not of laying age	30	7	6	7	10	1
forms	23 540	22 787	304	(D)	(D)	(D)
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
POULTRY—Con.							
Chickens 3 months old or older sold	farms number	103 904 996	60 852 000	6 (D)	1 (D)	12 133 435	26 225 653
Broilers and other meat-type chickens sold	farms number	1 042 148 372 686	1 005 148 008 454	47 32 377 309	229 50 207 181	379 46 117 227	31 822 16 957 556
Farms with—							
1 to 1,999		22	6	—	—	4	2
2,000 to 59,999		228	207	1	1	8	139
60,000 to 99,999		195	195	1	2	59	131
100,000 or more		597	597	45	226	312	9
Turkey hens kept for breeding	farms number	5 54	— (D)	— (D)	— (D)	— (D)	— (D)
Turkeys sold	farms number	11 (D)	7 (D)	2 (D)	1 (D)	2 (D)	1 (D)
CROPS HARVESTED							
Corn for all purposes	farms acres	1 698 167 902	1 061 153 071	46 26 974	181 36 407	281 39 566	318 36 846
For grain or seed	farms acres	1 671 157 834	1 046 143 548	45 24 159	179 34 692	275 36 508	315 35 378
Irrigated	farms acres	15 100 658 80	13 936 145 73	2 364 377 12 002	3 393 578 5 366	3 522 715 2 489	3 512 403 2 353
Farms by acres harvested:							
1 to 24 acres		612	203	2	20	67	49
25 to 99 acres		611	406	7	59	90	122
100 to 499 acres		400	389	22	78	107	143
500 acres or more		48	48	14	22	11	1
Wheat for grain	farms acres	385 16 423	290 14 965	12 2 378	42 3 408	60 3 618	103 3 746
Irrigated	farms acres	576 890 (D)	536 901 (D)	91 823 (D)	137 076 (D)	126 958 (D)	125 975 (D)
Farms by acres harvested:							
1 to 24 acres		198	120	2	11	16	48
25 to 99 acres		153	136	6	17	34	50
100 to 499 acres		33	33	3	14	10	5
500 acres or more		1	1	1	—	—	—
Barley for grain	farms acres	468 25 189	385 23 969	20 2 988	76 7 567	86 5 911	119 5 119
Irrigated	farms acres	1 109 362 5	1 065 451 162	143 391 (D)	343 640 (D)	256 009 (D)	233 067 (D)
Soybeans for beans	farms acres	2 199 264 053	1 220 227 373	52 26 820	225 59 601	308 53 674	348 55 168
Irrigated	farms acres	7 546 419 31	6 599 828 2 116	794 292 2 057	1 807 660 585	1 545 459 323 531	1 589 692 32 110 254
Farms by acres harvested:							
1 to 24 acres		546	135	2	19	55	38
25 to 99 acres		902	382	5	60	103	99
100 to 499 acres		663	615	25	110	126	203
500 acres or more		88	88	20	36	24	8
Irish potatoes	farms acres	56 6 103	42 6 092	5 2 125	12 2 607	12 1 074	7 271
Irrigated	farms acres	1 269 668 27	1 267 865 4 476	445 125 1 820	560 220 1 792	202 480 750	57 470 (D)
Farms by acres harvested:							
0.1 to 0.9 acres		14	4	—	—	—	4
1.0 to 4.9 acres		7	3	—	—	1	1
5.0 to 24.9 acres		2	2	—	—	1	1
25.0 to 99.9 acres		13	13	—	1	7	5
100.0 acres or more		20	20	5	11	4	—
Hay crops (see text)	farms acres	737 21 845	372 15 829	9 742	43 2 841	91 4 685	123 4 677
Irrigated	farms acres	47 035 7	36 093 72	1 673 —	5 694 3	11 989 2	10 801 —
Farms by acres harvested:							
1 to 24 acres		465	179	4	23	40	45
25 to 99 acres		238	162	1	12	40	73
100 to 499 acres		33	30	4	7	11	5
500 acres or more		1	1	—	1	—	—
Alfalfa hay	farms acres	358 6 960	214 5 298	3 190	19 650	60 1 678	76 2 056
Irrigated	farms acres	20 174 5	16 414 5	367 —	2 179 2	6 401 1	5 312 —
All vegetables harvested for sale (see text)	farms acres	390 41 059	255 40 265	20 16 411	56 13 409	57 5 623	70 3 308
Irrigated	farms acres	124 15 320	112 15 179	17 6 934	33 4 856	21 1 883	29 1 178
Farms by acres harvested:							
0.1 to 4.9 acres		149	54	—	7	7	19
5.0 to 24.9 acres		85	51	—	6	17	14
25.0 to 99.9 acres		77	71	3	13	14	28
100.0 acres or more		79	79	17	30	19	4

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	number	farms	number	farms	number
POULTRY—Con.						
Chickens 3 months old or older sold	42	14	9	12	7	1
farms	52 946	42 893	3 664	6 040	349	(D)
number			5	4	7	2
Broilers and other meat-type chickens sold	35	19	—	(D)	(D)	
farms	318 782	290 071	25 770	(D)	(D)	
Farms with—						
1 to 1,999	15	3	2	4	6	1
2,000 to 59,999	20	16	3	—	1	1
60,000 to 99,999	—	—	—	—	—	—
100,000 or more	—	—	—	—	—	—
Turkey hens kept for breeding	4	1	—	—	3	1
farms	34	(D)	—	—	(D)	(D)
number			1	—	1	—
Turkeys sold	4	2	1	—	—	(D)
farms	106	(D)	(D)	—	(D)	
CROPS HARVESTED						
Corn for all purposes	634	227	202	101	104	3
farms	14 620	7 951	4 370	1 454	845	211
acres			198	98	99	3
For grain or seed	622	227	—	—	803	155
farms	14 131	7 776	4 175	1 377	(D)	
acres			338 681	104 927	54 832	16 661
Irrigated	1 147 852	649 412	—	—	—	(D)
farms	6	2	3	—	1	1
acres	174	(D)	110	—	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	409	105	126	83	95	—
25 to 99 acres	202	112	71	15	4	3
100 to 499 acres	11	10	1	—	—	—
500 acres or more	—	—	—	—	—	—
Wheat for grain	94	54	24	10	6	1
farms	1 457	961	348	(D)	(D)	(D)
acres			9 470	(D)	(D)	(D)
bushels	39 954	27 112	—	—	—	—
Irrigated	—	—	—	—	—	—
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	77	41	20	10	6	1
25 to 99 acres	17	13	4	—	—	—
100 to 499 acres	—	—	—	—	—	—
500 acres or more	—	—	—	—	—	—
Barley for grain	82	39	24	11	8	1
farms	1 216	648	327	(D)	(D)	(D)
acres			12 673	(D)	(D)	(D)
bushels	43 791	23 457	—	—	—	—
Irrigated	—	—	—	—	—	—
farms						
acres						
Soybeans for beans	976	289	309	211	167	3
farms	36 565	18 581	11 285	4 942	1 757	115
acres			288 649	118 014	40 388	3 556
bushels	943 035	495 984	—	—	—	—
Irrigated	—	—	—	—	—	—
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	410	25	97	129	159	1
25 to 99 acres	518	222	207	81	8	2
100 to 499 acres	48	42	5	1	—	—
500 acres or more	—	—	—	—	—	—
Irish potatoes	14	5	2	5	2	—
farms	11	5	(D)	3	(D)	—
acres			(D)	712	(D)	—
hundredweight	1 803	746	(D)	—	—	—
Irrigated	—	—	—	—	—	—
farms						
acres						
Farms by acres harvested:						
0.1 to 0.9 acres	10	3	1	4	2	—
1.0 to 4.9 acres	4	2	1	1	—	—
5.0 to 24.9 acres	—	—	—	—	—	—
25.0 to 99.9 acres	—	—	—	—	—	—
100.0 acres or more	—	—	—	—	—	—
Hay crops (see text)	364	95	87	63	119	1
farms	5 965	1 793	1 612	(D)	(D)	(D)
acres			3 230	(D)	(D)	(D)
tons, dry	10 688	3 561	—	—	—	—
Irrigated	—	—	—	—	—	—
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	286	66	62	53	105	—
25 to 99 acres	75	28	23	10	14	1
100 to 499 acres	3	1	2	—	—	—
500 acres or more	—	—	—	—	—	—
Alfalfa hay	143	43	31	24	45	1
farms	1 614	435	528	(D)	(D)	(D)
acres			1 339	(D)	(D)	(D)
tons, dry	3 522	1 013	—	—	—	—
Irrigated	—	—	—	—	—	—
farms						
acres						
All vegetables harvested for sale (see text)	133	38	31	29	35	2
farms	788	410	152	(D)	(D)	(D)
acres			113	(D)	(D)	(D)
Irrigated	—	—	—	—	—	—
farms						
acres						
Farms by acres harvested:						
0.1 to 4.9 acres	93	19	19	24	31	2
5.0 to 24.9 acres	34	15	11	4	4	—
25.0 to 99.9 acres	6	4	1	1	—	—
100.0 acres or more	—	—	—	—	—	—

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
CROPS HARVESTED—Con.							
Land in orchards	farms 1 113	58	17	1	6	3	3
Irrigated	acres farms acres	113	1 003	(D)	(D)	43	13
		3	3	—	3	—	—
		147	147	—	147	—	—
Farms by acres in orchards:							
0.1 to 4.9 acres	35	5	—	—	—	2	3
5.0 to 24.9 acres	16	5	—	1	2	1	1
25.0 to 99.9 acres	4	4	—	3	1	—	—
100.0 acres or more	3	3	1	2	—	—	—

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	
CROPS HARVESTED—Con.						
Land in orchards	farms	41	3	3	10	25
	acres	110	14	3	19	75
Irrigated	farms	—	—	—	—	—
	acres	—	—	—	—	—
Farms by acres in orchards:						
0.1 to 4.9 acres		30	1	3	10	16
5.0 to 24.9 acres		11	2	—	—	9
25.0 to 99.9 acres		—	—	—	—	—
100.0 acres or more		—	—	—	—	—

¹1978 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)				Vegetable and melon farms (016)	Fruit and tree nut farms (017)
			Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		
F FARMS AND LAND IN FARMS								
Farms	number	3 629	1 606	81	-	-	81	99 21
	percent	100.0	44.2	2.2	-	-	2.2	2.7 0.5
Land in farms	acres	678 224	385 676	15 832	-	-	15 832	43 067 2 120
Average size of farm	acres	187	240	195	-	-	195	435 101
Value of land and buildings ¹	farms	3 630	1 618	74	-	-	74	85 18
	\$1,000	978 624	502 520	21 281	-	-	21 281	55 887 3 785
Average per farm	dollars	269 593	310 581	287 574	-	-	287 574	657 496 210 292
Average per acre	dollars	1 496	1 337	1 549	-	-	1 549	1 401 1 909
Farms by value of land and buildings:								
\$1 to \$19,999		228	68	-	-	-	-	5 -
\$20,000 to \$39,999		365	123	12	-	-	12	17 5
\$40,000 to \$69,999		570	212	7	-	-	7	5 9
\$70,000 to \$99,999		503	213	16	-	-	16	7 -
\$100,000 to \$149,999		480	233	3	-	-	3	10 1
\$150,000 to \$199,999		365	147	12	-	-	12	9 1
\$200,000 to \$499,999		626	340	12	-	-	12	4 -
\$500,000 to \$999,999		307	177	6	-	-	6	15 -
\$1,000,000 or more		186	105	6	-	-	6	13 2
Owned and rented land by operator:								
Land owned	farms	3 232	1 349	73	-	-	73	76 19
	acres	425 320	208 076	11 187	-	-	11 187	25 878 1 880
Land rented or leased from others	farms	1 495	859	33	-	-	33	55 7
	acres	281 555	187 023	5 244	-	-	5 244	18 198 706
Land rented or leased to others	farms	430	117	6	-	-	6	9 4
	acres	28 651	9 423	599	-	-	599	1 009 466
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	3 111	1 606	81	-	-	81	99 21
	acres	535 636	320 249	12 742	-	-	12 742	30 196 1 634
Harvested cropland	farms	2 941	1 606	81	-	-	81	99 21
	acres	500 026	306 023	11 962	-	-	11 962	29 404 1 575
Farms by acres harvested:								
1 to 49 acres		1 283	573	41	-	-	41	56 19
50 to 99 acres		516	321	14	-	-	14	8 -
100 to 199 acres		456	280	7	-	-	7	6 -
200 to 499 acres		438	273	13	-	-	13	12 1
500 to 999 acres		175	116	6	-	-	6	7 1
1,000 to 1,999 acres		65	40	-	-	-	-	8 -
2,000 acres or more		8	3	-	-	-	-	2 -
Cropland:								
Pasture or grazing only	farms	770	225	15	-	-	15	13 1
	acres	18 638	3 787	204	-	-	204	(D) (D)
Cover crops, legumes, and soil-improvement grasses not harvested or postured	farms	129	65	7	-	-	7	7 -
	acres	3 779	2 322	470	-	-	470	55 -
On which all crops failed	farms	126	56	3	-	-	3	10 1
	acres	1 805	919	30	-	-	30	174 (D)
In cultivated summer fallow	farms	43	23	1	-	-	1	- 3
	acres	1 580	1 176	(D)	-	-	(D)	- 6
Idle	farms	416	235	7	-	-	7	10 5
	acres	9 808	6 022	58	-	-	58	399 11
Total woodland	farms	1 743	825	40	-	-	40	35 5
	acres	103 731	49 024	1 721	-	-	1 721	10 376 152
Woodland pastured	farms	266	93	8	-	-	8	1 -
	acres	7 770	3 910	121	-	-	121	(D) (D)
Woodland not pastured	farms	1 572	757	36	-	-	36	34 4
	acres	95 961	45 114	1 600	-	-	1 600	(D) (D)
Pastureland and rangeland other than cropland and woodland pastured	farms	240	84	9	-	-	9	5 1
	acres	8 654	3 679	201	-	-	201	137 (D)
Land in house lots, ponds, roads, wasteland, etc.	farms	2 375	858	55	-	-	55	62 12
	acres	30 203	12 724	1 168	-	-	1 168	2 358 269
Pastureland, all types	farms	1 062	350	25	-	-	25	18 3
	acres	35 062	11 376	526	-	-	526	323 104
Irrigated land	farms	253	68	19	-	-	19	36 6
	acres	33 677	11 209	3 803	-	-	3 803	8 143 333
Harvested cropland irrigated	farms	250	68	19	-	-	19	36 6
	acres	33 381	(D)	3 795	-	-	3 795	(D) 333
Pastureland irrigated	farms	9	2	-	-	-	-	(D) -
	acres	196	(D)	-	-	-	-	-
Other land irrigated	farms	6	-	1	-	-	1	- -
	acres	100	-	(D)	-	-	(D)	- -
Land set aside in the federal farm programs in 1978	farms	238	162	4	-	-	4	3 -
	acres	5 441	3 815	26	-	-	26	31 -
RACE AND TENURE OF OPERATOR								
All operators	number	3 629	1 606	81	-	-	81	99 21
Full owners	number	2 142	748	48	-	-	48	44 14
Part owners	number	1 087	599	25	-	-	25	32 5
Tenants	number	400	259	8	-	-	8	23 2
White	number	3 537	1 553	79	-	-	79	95 21
Full owners	number	2 088	725	47	-	-	47	41 14
Part owners	number	1 057	576	24	-	-	24	31 5
Tenants	number	392	252	8	-	-	8	23 2
Black and other races	number	92	53	2	-	-	2	4 -
Full owners	number	54	23	1	-	-	1	3 -
Part owners	number	30	23	1	-	-	1	1 -
Tenants	number	8	7	-	-	-	-	- -

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 AND LAND IN FARMS								
Farms	94	54	333	74	162	1 053	92	34
percent	2.5	1.4	9.1	2.0	4.4	29.0	2.5	0.9
Land in farms	5 832	13 523	29 799	6 507	45 827	119 200	3 466	13 882
Average size of farm	62	250	89	88	283	113	38	408
Value of land and buildings ¹	143	52	308	84	181	1 045	95	11
\$1,000	46 355	17 343	57 046	27 001	62 517	189 770	10 554	11 564
Average per farm	324 164	333 516	185 215	321 440	345 400	181 598	111 094	1 051 302
Average per acre	6 324	1 704	1 750	2 525	1 388	1 665	2 120	1 315
Forms by value of land and buildings:								
\$1 to \$19,999	1	4	39	-	1	105	5	-
\$20,000 to \$39,999	-	6	69	14	7	120	6	-
\$40,000 to \$69,999	50	1	69	22	14	173	30	-
\$70,000 to \$99,999	40	4	18	5	18	155	32	-
\$100,000 to \$149,999	22	6	36	24	21	134	14	-
\$150,000 to \$199,999	5	16	32	-	19	124	-	-
\$200,000 to \$499,999	12	9	22	7	65	158	1	3
\$500,000 to \$999,999	6	2	14	6	27	50	7	3
\$1,000,000 or more	7	4	9	6	9	26	-	5
Owned and rented land by operator:								
Land owned	83	49	307	69	138	1 017	89	32
farms	4 391	10 418	27 906	6 679	28 869	93 334	3 827	9 976
Land rented or leased from others	16	27	88	20	97	284	9	20
farms	2 139	4 289	5 303	1 063	18 013	35 762	270	4 608
Land rented or leased to others	15	11	56	23	9	190	6	7
farms	676	784	3 410	1 235	1 055	9 896	631	702
LAND IN FARMS ACCORDING TO USE								
Total cropland	94	54	274	66	160	611	78	33
farms	4 391	10 421	18 765	3 686	37 399	87 099	1 902	10 838
Harvested cropland	94	54	226	56	160	537	36	27
farms	3 965	9 762	14 597	1 465	30 626	82 696	870	8 546
Forms by acres harvested:								
1 to 49 acres	82	29	175	47	28	241	31	8
50 to 99 acres	4	4	21	7	39	101	4	-
100 to 199 acres	4	8	16	2	46	81	1	7
200 to 499 acres	3	6	10	-	35	80	-	5
500 to 999 acres	-	5	3	-	10	22	-	5
1,000 to 1,999 acres	1	2	-	-	2	10	-	2
2,000 acres or more	-	-	1	-	-	2	-	-
Cropland:								
Pasture or grazing only	5	23	155	45	117	125	65	26
farms	50	367	3 564	2 024	6 100	1 336	916	2 112
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	7	3	12	2	7	20	1	-
farms	39	46	163	(D)	263	381	(D)	-
On which all crops failed	-	3	19	3	12	16	4	2
farms	-	25	104	17	169	250	62	(D)
In cultivated summer fallow	2	-	5	2	4	4	-	1
farms	(D)	-	59	(D)	55	262	-	(D)
Idle	14	9	21	4	11	100	3	1
farms	335	221	278	84	186	2 174	(D)	(D)
Total woodland	28	37	175	34	118	433	26	21
farms	895	2 431	6 861	2 056	5 954	23 093	917	2 307
Woodland pastured	2	6	61	12	29	59	3	3
farms	(D)	38	779	395	531	2 131	24	86
Woodland not pastured	26	31	142	30	106	390	25	21
farms	(D)	2 393	6 082	1 661	5 423	20 962	893	2 221
Pastureland and rangeland other than cropland and woodland pastured	1	6	55	11	30	38	6	5
farms	(D)	136	1 851	174	1 147	1 166	69	196
Land in house lots, ponds, roads, wasteland, etc.	56	34	257	45	113	841	63	24
farms	539	535	2 322	591	1 327	7 842	578	541
Pastureland, all types	8	27	210	55	131	191	71	28
Irrigated land	184	541	6 194	2 593	7 778	4 633	1 009	2 394
farms	52	17	10	2	2	40	1	2
Harvested cropland irrigated	627	1 843	746	(D)	(D)	6 689	(D)	(D)
farms	52	16	9	1	2	40	-	2
Pastureland irrigated	615	1 838	612	(D)	(D)	(D)	(D)	(D)
farms	-	-	3	2	1	1	-	-
Other land irrigated	2	1	1	-	-	1	-	-
farms	12	(D)	(D)	-	-	(D)	(D)	-
Land set aside in the federal farm programs in 1978	-	2	5	1	12	47	1	2
farms	-	(D)	52	(D)	321	1 026	(D)	(D)
RACE AND TENURE OF OPERATOR								
All operators	94	54	333	74	162	1 053	92	34
Full owners	78	28	245	54	65	774	84	14
Part owners	5	21	61	14	73	243	5	18
Tenants	11	5	27	6	24	36	3	2
White	94	52	309	74	161	1 047	92	34
Full owners	78	27	222	54	65	771	84	14
Part owners	5	20	60	14	72	241	5	18
Tenants	11	5	27	6	24	35	3	2
Black and other races	-	2	24	-	1	6	-	-
Full owners	-	1	23	-	-	3	-	-
Part owners	-	1	1	-	1	2	-	-
Tenants	-	-	-	-	-	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)			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)
			Total	Cotton farms (0131)	Tobacco farms (0132)			
F FARMS BY TYPE OF ORGANIZATION								
Individual or family	farms 479 300	1 391	68	—	—	68	80	18
Partnership	farms 291	157	4	—	—	4	7	1
	acres 83 032	53 118	503	—	—	503	1 147	(D)
Corporations:								
Family held	farms 107 886	48	9	—	—	9	9	2
More than 10 stockholders	farms 3	1	—	—	—	—	—	—
10 or less stockholders	farms 131	47	9	—	—	9	9	2
Other than family held	farms 6 092	4	—	—	—	—	2	—
More than 10 stockholders	farms 4	—	—	—	—	—	2	—
10 or less stockholders	farms 12	4	—	—	—	—	—	—
Other—cooperative, estate or trust, etc.	farms 10	6	—	—	—	—	1	—
	acres 1 914	413	—	—	—	—	(D)	—
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	2 753	1 169	59	—	—	59	65	13
Not on farm operated	486	285	13	—	—	13	24	6
Operators by age group:								
Under 25 years	122	55	1	—	—	1	8	—
25 to 34 years	474	173	5	—	—	5	14	1
35 to 44 years	724	297	13	—	—	13	27	4
45 to 54 years	870	370	27	—	—	27	24	2
55 to 64 years	869	408	26	—	—	26	20	6
65 years and over	570	303	9	—	—	9	6	8
Average age	49.9	51.4	52.4	—	—	52.4	45.3	59.2
Operators by sex:								
Male	3 399	1 549	77	—	—	77	97	21
Female	230	57	4	—	—	4	2	—
Operators of Spanish origin	24	15	—	—	—	—	—	—
Operators by principal occupation:								
Farming	2 077	911	45	—	—	45	66	14
Other	1 552	695	36	—	—	36	33	7
Operators reporting days of work off farm:								
None	1 574	652	41	—	—	41	42	10
1 to 99 days	340	158	4	—	—	4	12	2
100 to 199 days	321	154	7	—	—	7	9	1
200 days or more	1 221	556	25	—	—	25	31	6
F FARMS BY SIZE								
1 to 9 acres	584	28	—	—	—	—	19	11
10 to 49 acres	891	345	22	—	—	22	27	5
50 to 69 acres	281	143	9	—	—	9	9	—
70 to 99 acres	324	176	10	—	—	10	3	1
100 to 139 acres	301	189	5	—	—	5	2	1
140 to 179 acres	213	122	4	—	—	4	3	1
180 to 219 acres	192	101	8	—	—	8	5	—
220 to 259 acres	134	73	2	—	—	2	2	—
260 to 499 acres	377	227	13	—	—	13	11	—
500 to 999 acres	227	137	8	—	—	8	6	2
1,000 to 1,999 acres	83	54	—	—	—	—	7	—
2,000 acres or more	22	11	—	—	—	—	5	—
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	1 606	1 606	—	—	—	—	—	—
Field crop, except cash grain farms (013)	81	—	81	—	—	81	—	—
Cotton farms (0131)	—	—	—	—	—	—	—	—
Tobacco farms (0132)	—	—	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	81	—	81	—	—	81	—	—
Vegetable and melon farms (016)	99	—	—	—	—	—	99	—
Fruit and tree nut farms (017)	21	—	—	—	—	—	—	21
Horticultural specialty farms (018)	94	—	—	—	—	—	—	—
General farms, primarily crop (019)	54	—	—	—	—	—	—	—
Livestock farms, except dairy, poultry, and animal specialty (021)	333	—	—	—	—	—	—	—
Beef cattle farms, except feedlots (0212)	74	—	—	—	—	—	—	—
Dairy farms (024)	162	—	—	—	—	—	—	—
Poultry and egg farms (025)	1 053	—	—	—	—	—	—	—
Animal specialty farms (027)	92	—	—	—	—	—	—	—
General farms, primarily livestock (029)	34	—	—	—	—	—	—	—
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold	farms \$1,000	3 629	1 606	81	—	—	81	99
Farms by value of agricultural products sold:	325 741	57 220	6 270	—	—	6 270	13 393	21 936
\$500,000 or more	74	7	2	—	—	2	7	—
\$200,000 to \$499,999	315	41	10	—	—	10	9	2
\$100,000 to \$199,999	557	88	6	—	—	6	8	—
\$40,000 to \$99,999	621	228	5	—	—	5	9	—
\$20,000 to \$39,999	424	243	4	—	—	4	10	1
\$10,000 to \$19,999	411	285	3	—	—	3	11	1
\$5,000 to \$9,999	425	296	7	—	—	7	10	2
\$2,500 to \$4,999	358	233	13	—	—	13	15	4
Less than \$2,500	444	185	31	—	—	31	20	11

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	Beef cattle farms, except feedlots (0212)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
F FARMS BY TYPE OF ORGANIZATION								
Individual or family	farms 65	acres 2 142	farms 46	acres 8 984	farms 307	acres 19 366	farms 69	acres 38 868
Partnership	farms 14	acres 795	farms 6	acres 2 585	farms 17	acres 4 622	farms 1	acres 4 672
Corporations:								
Family held	farms 12	acres 2 873	farms 2	acres (D)	farms 8	acres 5 441	farms 4	acres 2 287
More than 10 stockholders	farms —	acres —	farms —	acres —	farms —	acres —	farms —	acres 29 551
10 or less stockholders	farms 12	acres —	farms 2	acres —	farms 8	acres —	farms 4	acres 32
Other than family held	farms 2	acres —	farms —	acres —	farms —	acres —	farms 7	acres —
More than 10 stockholders	farms 1	acres —	farms —	acres —	farms —	acres —	farms 1	acres —
10 or less stockholders	farms 1	acres —	farms —	acres —	farms —	acres —	farms 6	acres —
Other—cooperative, estate or trust, etc.	farms 1	acres (D)	farms —	acres —	farms 1	acres (D)	farms —	acres —
O OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	farms 67	acres 20	farms 41	acres 8	farms 278	acres 32	farms 55	acres 8
Not on farm operated	farms —	acres —	farms —	acres —	farms 139	acres 15	farms 810	acres 84
Operators by age group:								
Under 25 years	farms 1	acres —	farms 1	acres —	farms 8	acres —	farms 1	acres —
25 to 34 years	farms 12	acres —	farms 7	acres —	farms 63	acres 19	farms 42	acres 148
35 to 44 years	farms 19	acres —	farms 6	acres —	farms 76	acres 8	farms 35	acres 226
45 to 54 years	farms 27	acres —	farms 16	acres —	farms 61	acres 14	farms 43	acres 267
55 to 64 years	farms 22	acres —	farms 9	acres —	farms 52	acres 17	farms 42	acres 259
65 years and over	farms 13	acres —	farms 15	acres —	farms 73	acres 15	farms 21	acres 111
Average age	farms 50.3	acres —	farms 52.6	acres —	farms 49.3	acres 50.5	farms 49.9	acres 48.1
Operators by sex:								
Male	farms 87	acres —	farms 50	acres —	farms 311	acres 2	farms 161	acres 931
Female	farms 7	acres —	farms 4	acres —	farms 22	acres 2	farms 1	acres 122
Operators of Spanish origin	farms —	acres —	farms 1	acres —	farms —	acres —	farms 3	acres 5
Operators by principal occupation:								
Farming	farms 57	acres —	farms 26	acres —	farms 153	acres 40	farms 147	acres 616
Other	farms 37	acres —	farms 28	acres —	farms 180	acres 34	farms 15	acres 437
Operators reporting days of work off farm:								
None	farms 52	acres —	farms 32	acres —	farms 115	acres 25	farms 107	acres 488
1 to 99 days	farms 10	acres —	farms 3	acres —	farms 37	acres 12	farms 34	acres 74
100 to 199 days	farms 3	acres —	farms 4	acres —	farms 32	acres 5	farms 4	acres 97
200 days or more	farms 22	acres —	farms 13	acres —	farms 140	acres 28	farms 14	acres 342
F FARMS BY SIZE								
1 to 9 acres	farms 44	acres —	farms 1	acres —	farms 82	acres 14	farms 2	acres 371
10 to 49 acres	farms 32	acres —	farms 16	acres —	farms 129	acres 21	farms —	acres 262
50 to 69 acres	farms 5	acres —	farms 7	acres —	farms 20	acres 6	farms 8	acres 71
70 to 99 acres	farms 1	acres —	farms 6	acres —	farms 27	acres 10	farms 21	acres 76
100 to 139 acres	farms 4	acres —	farms 1	acres —	farms 16	acres 5	farms 16	acres 61
140 to 179 acres	farms 1	acres —	farms 2	acres —	farms 17	acres 6	farms 17	acres 43
180 to 219 acres	farms 1	acres —	farms 1	acres —	farms 12	acres 3	farms 24	acres 35
220 to 259 acres	farms 1	acres —	farms 5	acres —	farms 8	acres 3	farms 18	acres 23
260 to 499 acres	farms 3	acres —	farms 6	acres —	farms 11	acres 6	farms 32	acres 65
500 to 999 acres	farms 1	acres —	farms 6	acres —	farms 9	acres —	farms 21	acres 31
1,000 to 1,999 acres	farms —	acres —	farms 3	acres —	farms 1	acres —	farms 2	acres 12
2,000 acres or more	farms 1	acres —	farms —	acres —	farms 1	acres —	farms 1	acres 3
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	farms —	acres —	farms —	acres —	farms —	acres —	farms —	acres —
Field crop, except cash grain farms (013)	farms —	acres —	farms —	acres —	farms —	acres —	farms —	acres —
Cotton farms (0131)	farms —	acres —	farms —	acres —	farms —	acres —	farms —	acres —
Tobacco farms (0132)	farms —	acres —	farms —	acres —	farms —	acres —	farms —	acres —
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	farms —	acres —	farms —	acres —	farms —	acres —	farms —	acres —
Vegetable and melon farms (016)	farms —	acres —	farms —	acres —	farms —	acres —	farms —	acres —
Fruit and tree nut farms (017)	farms —	acres —	farms —	acres —	farms —	acres —	farms —	acres —
Horticultural specialty farms (018)	farms 94	acres —	farms —	acres —	farms —	acres —	farms —	acres —
General farms, primarily crop (019)	farms —	acres —	farms 54	acres —	farms —	acres —	farms —	acres —
Livestock farms, except dairy, poultry, and animal specialty (021)	farms —	acres —	farms —	acres —	farms 333	acres 74	farms —	acres —
Beef cattle farms, except feedlots (0212)	farms —	acres —	farms —	acres —	farms 74	acres 74	farms —	acres —
Dairy farms (024)	farms —	acres —	farms —	acres —	farms —	acres 162	farms —	acres —
Poultry and egg farms (025)	farms —	acres —	farms —	acres —	farms —	acres —	farms 1 053	acres —
Animal specialty farms (027)	farms —	acres —	farms —	acres —	farms —	acres —	farms —	acres 92
General farms, primarily livestock (029)	farms —	acres —	farms —	acres —	farms —	acres —	farms —	acres 34
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold	farms 94	\$1,000 8 246	farms 54	\$1,000 4 073	farms 333	\$1,000 705	farms 162	\$1,000 206 689
Farms by value of agricultural products sold:								
\$500,000 or more	farms 2	\$1,000 1	farms 4	\$1,000 —	farms 1	\$1,000 1	farms 48	\$1,000 —
\$200,000 to \$499,999	farms 10	\$1,000 5	farms 5	\$1,000 —	farms 9	\$1,000 217	farms 1	\$1,000 6
\$100,000 to \$199,999	farms 10	\$1,000 6	farms 8	\$1,000 1	farms 39	\$1,000 386	farms 1	\$1,000 5
\$40,000 to \$99,999	farms 9	\$1,000 6	farms 18	\$1,000 3	farms 51	\$1,000 288	farms 4	\$1,000 3
\$20,000 to \$39,999	farms 9	\$1,000 4	farms 21	\$1,000 3	farms 33	\$1,000 69	farms 26	\$1,000 4
\$10,000 to \$19,999	farms 14	\$1,000 3	farms 34	\$1,000 5	farms 26	\$1,000 25	farms 9	\$1,000 —
\$5,000 to \$9,999	farms 12	\$1,000 4	farms 74	\$1,000 19	farms 2	\$1,000 7	farms 11	\$1,000 —
\$2,500 to \$4,999	farms 17	\$1,000 3	farms 52	\$1,000 15	farms 1	\$1,000 6	farms 11	\$1,000 3
Less than \$2,500	farms 11	\$1,000 22	farms 117	\$1,000 28	farms —	\$1,000 7	farms 29	\$1,000 11

See footnote at end of table.

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

(Excludes abnormal forms; see text)

All Farms**VALUE OF PRODUCTS SOLD—Con.**

Market value of agricultural products sold—Con.

	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013)			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)
			Total	Cotton farms (0131)	Tobacco farms (0132)			
Grain	2 477	1 606	42	—	—	42	53	3
Sales of \$40,000 or more	71 401	50 210	1 126	—	—	1 126	2 008	88
Commodity Credit Corporation loans	480	340	12	—	—	12	15	2
Cotton and cottonseed	50 126	36 251	836	—	—	836	1 617	(D)
Sales of \$40,000 or more	82	65	2	—	—	2	2	—
Commodity Credit Corporation loans	551	450	(D)	—	—	(D)	(D)	—
Tobacco	—	—	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
Field seeds, hay, forage, and silage	255	99	59	—	—	59	5	—
Sales of \$40,000 or more	821	284	276	—	—	276	6	—
Vegetables, sweet corn, and melons	387	126	8	—	—	8	99	4
Sales of \$40,000 or more	15 992	1 856	530	—	—	530	10 816	109
Fruits, nuts, and berries	1 764	1 159	(D)	—	—	(D)	10 197	(D)
Nursery and greenhouse products	56	11	3	—	—	3	8	15
Sales of \$40,000 or more	1 502	53	10	—	—	10	33	738
Other crops	5	—	—	—	—	—	—	2
Sales of \$40,000 or more	1 300	3	—	—	—	—	—	673
Poultry and poultry products	112	3	—	—	—	—	4	—
Sales of \$40,000 or more	8 050	6	—	—	—	—	50	—
Dairy products	31	—	—	—	—	—	1	—
Sales of \$40,000 or more	7 349	—	—	—	—	—	(D)	—
Cattle and calves	50	10	22	—	—	22	5	—
Sales of \$40,000 or more	5 595	532	4 314	—	—	4 314	196	—
Hogs and pigs	28	2	21	—	—	21	1	—
Sales of \$40,000 or more	5 407	(D)	4 280	—	—	4 280	(D)	—
Sheep, lambs, and wool	1 203	54	3	—	—	3	3	1
Sales of \$40,000 or more	194 360	1 608	2	—	—	2	80	(D)
Other livestock and livestock products (see text)	961	10	—	—	—	—	1	—
Sales of \$40,000 or more	191 514	1 447	—	—	—	—	(D)	—
Commercially mixed formula feeds	221	16	—	—	—	—	4	—
Sales of \$40,000 or more	11 874	472	—	—	—	—	73	—
Farms with expenses of—	109	4	—	—	—	—	1	—
\$1 to \$4,999	10 192	346	—	—	—	—	(D)	—
\$5,000 to \$19,999	588	161	2	—	—	2	13	—
\$20,000 to \$49,999	5 882	867	(D)	—	—	(D)	95	—
\$50,000 or more	13	1	—	—	—	—	—	—
Farms by tons purchased:	3 270	(D)	—	—	—	—	—	—
1 to 99 tons	652	158	3	—	—	3	9	—
100 to 499 tons	8 571	1 164	6	—	—	6	35	—
500 tons or more	47	6	—	—	—	—	—	—
Farms with expenses of—	5 755	646	—	—	—	—	—	—
\$1 to \$4,999	26	10	—	—	—	—	1	—
\$5,000 to \$19,999	21	8	(D)	—	—	(D)	—	—
\$20,000 to \$49,999	—	—	—	—	—	—	—	—
\$50,000 or more	—	—	—	—	—	—	—	—
Farms with expenses of—	208	37	2	—	—	2	3	—
\$1 to \$4,999	1 673	160	(D)	—	—	(D)	1	—
\$5,000 to \$19,999	7	2	—	—	—	—	—	—
\$20,000 to \$49,999	687	(D)	—	—	—	—	—	—
SELECTED FARM PRODUCTION EXPENSES*								
Livestock and poultry purchased	farms	1 721	222	18	—	—	18	10
Sales of \$40,000 or more	\$1,000	37 068	634	4	—	—	4	62
Farms with expenses of—								
\$1 to \$4,999		657	204	18	—	—	18	9
\$5,000 to \$19,999		697	14	—	—	—	—	—
\$20,000 to \$49,999		306	3	—	—	—	—	—
\$50,000 or more		61	1	—	—	—	—	1
Feed for livestock and poultry	farms	2 048	373	20	—	—	20	14
Sales of \$40,000 or more	\$1,000	120 955	1 726	11	—	—	11	59
Farms with expenses of—								
\$1 to \$4,999		772	336	20	—	—	20	12
\$5,000 to \$19,999		196	20	—	—	—	—	1
\$20,000 to \$49,999		294	7	—	—	—	—	1
\$50,000 or more		786	10	—	—	—	—	—
Commercially mixed formula feeds	farms	1 597	140	8	—	—	8	6
Sales of \$40,000 or more	tons	673 595	8 017	49	—	—	49	340
Farms by tons purchased:								
1 to 99 tons		504	126	8	—	—	8	4
100 to 499 tons		642	9	—	—	—	—	2
500 tons or more		451	5	—	—	—	—	—
Farms with expenses of—								
\$1 to \$4,999		406	112	8	—	—	8	4
\$5,000 to \$19,999		143	14	—	—	—	—	1
\$20,000 to \$49,999		276	5	—	—	—	—	—
\$50,000 or more		772	9	—	—	—	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms**VALUE OF PRODUCTS SOLD—Con.**

	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)					
			Total	Beef cattle farms, except feedlots (0212)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
Market value of agricultural products sold—Con.								
Grain	12	34	96	7	101	497	11	22
\$1,000+	241	1 069	672	18	1 910	13 038	48	991
Sales of \$40,000 or more	1	7	3	—	11	80	—	9
\$1,000+	(D)	719	201	—	1 025	8 482	—	782
Commodity Credit Corporation loans	—	—	1	—	—	(D)	54	—
\$1,000+	—	—	(D)	—	—	—	—	—
Cotton and cottonseed	—	—	—	—	—	—	—	—
\$1,000+	—	—	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000+	—	—	—	—	—	—	—	—
Commodity Credit Corporation loans	—	—	—	—	—	—	—	—
\$1,000+	—	—	—	—	—	—	—	—
Tobacco	—	—	—	—	—	—	—	—
\$1,000+	—	—	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000+	—	—	—	—	—	—	—	—
Field seeds, hay, forage, and silage	4	17	25	7	15	19	5	7
\$1,000+	46	47	43	20	52	32	14	23
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000+	—	—	—	—	—	—	—	—
Vegetables, sweet corn, and melons	6	27	28	2	15	70	—	4
\$1,000+	32	739	516	(D)	(D)	1 167	—	167
Sales of \$40,000 or more	—	7	1	—	—	9	—	2
\$1,000+	—	492	(D)	—	—	718	—	(D)
Fruits, nuts, and berries	1	9	4	—	1	3	—	1
\$1,000+	(D)	635	3	—	(D)	26	—	(D)
Sales of \$40,000 or more	—	3	—	—	—	—	—	—
\$1,000+	—	627	—	—	—	—	—	—
Nursery and greenhouse products	7 94	4	3	1	2	2	—	—
\$1,000+	7 921	28	3	(D)	(D)	(D)	—	—
Sales of \$40,000 or more	30	—	—	—	—	—	—	—
\$1,000+	(D)	—	—	—	—	—	—	—
Other crops	1	7	—	—	2	3	—	—
\$1,000+	(D)	346	—	—	(D)	207	—	—
Sales of \$40,000 or more	—	3	—	—	—	1	—	—
\$1,000+	—	287	—	—	(D)	—	—	—
Poultry and poultry products	2	10	41	9	22	1 053	—	14
\$1,000+	(D)	908	706	2	20	189 729	—	1 306
Sales of \$40,000 or more	—	4	3	—	—	934	—	9
\$1,000+	—	868	(D)	—	—	187 152	—	1 299
Dairy products	—	2	12	1	162	7	—	18
\$1,000+	—	(D)	50	(D)	10 100	401	—	756
Sales of \$40,000 or more	—	—	—	—	92	3	—	9
\$1,000+	—	—	—	—	8 844	(D)	—	621
Cattle and calves	—	10	157	73	162	56	4	23
\$1,000+	—	135	3 156	648	964	270	(D)	384
Sales of \$40,000 or more	—	—	7	3	—	2	—	3
\$1,000+	—	—	2 518	269	—	(D)	—	261
Hogs and pigs	1	11	241	10	51	163	1	14
\$1,000+	(D)	141	4 758	10	148	1 734	(D)	584
Sales of \$40,000 or more	—	2	23	—	—	12	—	4
\$1,000+	—	(D)	3 607	—	—	880	—	530
Sheep, lambs, and wool	—	—	8	—	1	5	—	1
\$1,000+	—	—	10	—	(D)	1	—	(D)
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000+	—	—	—	—	—	—	—	—
Other livestock and livestock products (see text)	4	4	26	7	19	15	92	6
\$1,000+	2	4	15	5	20	44	1 373	(D)
Sales of \$40,000 or more	—	—	—	—	—	—	520	(D)
\$1,000+	—	—	—	—	—	—	—	—
SELECTED FARM PRODUCTION EXPENSES¹								
Livestock and poultry purchased	farms	7	34	183	38	127	1 045	66
\$1,000+		2	183	2 032	55	699	32 588	600
Farms with expenses of—								
\$1 to \$4,999		7	24	154	38	99	108	34
\$5,000 to \$19,999		—	9	18	—	17	625	11
\$20,000 to \$49,999		—	6	—	6	265	21	3
\$50,000 or more		—	1	5	—	47	—	5
Feed for livestock and poultry	farms	15	29	277	64	175	1 042	94
\$1,000+		4	752	2 347	71	3 272	111 603	359
Farms with expenses of—								
\$1 to \$4,999		15	18	234	63	50	20	66
\$5,000 to \$19,999		—	6	27	1	74	38	27
\$20,000 to \$49,999		—	2	8	—	34	241	1
\$50,000 or more		—	3	8	—	17	743	5
Commercially mixed formula feeds	farms	15	27	121	16	175	1 042	57
tons		17	3 896	6 141	188	17 215	633 783	776
\$1,000+		3	701	1 007	23	2 493	111 200	128
Farms by tons purchased:								
1 to 99 tons		15	22	114	15	111	45	57
100 to 499 tons		—	3	3	1	60	565	—
500 tons or more		—	2	4	—	4	432	—
Farms with expenses of—								
\$1 to \$4,999		15	17	103	15	70	20	57
\$5,000 to \$19,999		—	5	13	1	64	44	—
\$20,000 to \$49,999		—	2	1	—	32	235	2
\$50,000 or more		—	3	4	—	9	743	—

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)			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)	
			Total	Cotton farms (0131)	Tobacco farms (0132)				
SELECTED FARM PRODUCTION EXPENSES¹—Con.									
Animal health costs	forms \$1,000	1 562 2 456	184 53	8 1	— —	— —	8 1	3 1	
Farms with expenses of—									
\$1 to \$499		673	169	8	—	—	8	3	
\$500 to \$999		465	3	—	—	—	—	—	
\$1,000 to \$2,999		219	8	—	—	—	—	—	
\$3,000 or more		205	4	—	—	—	—	—	
Seeds, bulbs, plants, and trees	forms \$1,000	2 404 5 622	1 377 2 334	47 277	— —	— —	47 277	67 886	
Farms with expenses of—									
\$1 to \$999		1 499	848	26	—	—	26	30	
\$1,000 to \$4,999		661	406	6	—	—	6	9	
\$5,000 to \$9,999		144	86	3	—	—	3	11	
\$10,000 or more		100	37	12	—	—	12	17	
Commercial fertilizer	forms \$1,000	2 582 14 232	1 491 8 134	61 460	— —	— —	61 460	85 1 169	
Farms with expenses of—									
\$1 to \$2,499		1 620	872	46	—	—	46	53	
\$2,500 to \$9,999		619	420	1	—	—	1	9	
\$10,000 to \$19,999		178	114	4	—	—	4	8	
\$20,000 or more		165	85	10	—	—	10	15	
Other agricultural chemicals including lime	forms \$1,000	2 629 6 917	1 478 3 883	72 316	— —	— —	72 316	69 495	
Farms with expenses of—									
\$1 to \$2,499		1 974	1 052	58	—	—	58	45	
\$2,500 to \$9,999		512	347	5	—	—	5	10	
\$10,000 to \$19,999		93	56	4	—	—	4	7	
\$20,000 or more		50	23	5	—	—	5	7	
Energy and petroleum products	forms \$1,000	3 610 10 562	1 604 3 583	74 236	— —	— —	74 236	85 561	
Farms with expenses of—									
\$1 to \$2,499		2 610	1 236	59	—	—	59	50	
\$2,500 to \$9,999		791	311	6	—	—	6	19	
\$10,000 to \$19,999		154	42	7	—	—	7	10	
\$20,000 or more		55	15	2	—	—	2	6	
Petroleum products	forms \$1,000	3 608 8 127	1 604 3 187	74 193	— <td>—</td> <td>74 193</td> <td>85 485</td>	—	74 193	85 485	
Gasoline	forms \$1,000	3 398 3 712	1 540 1 600	69 102	— <td>—</td> <td>69 102</td> <td>85 274</td>	—	69 102	85 274	
Diesel fuel	forms \$1,000	1 594 2 234	847 1 209	40 64	— <td>—</td> <td>40 64</td> <td>34 141</td>	—	40 64	34 141	
LP gas, butane, and propane	forms \$1,000	590 1 216	73 85	4 1	— <td>—</td> <td>4 1</td> <td>17 26</td>	—	4 1	17 26	
Fuel oil	forms \$1,000	308 380	101 56	10 9	— <td>—</td> <td>10 9</td> <td>6 9</td>	—	10 9	6 9	
Natural gas	forms \$1,000	33 28	15 11	1 (D)	— <td>—</td> <td>1 (D)</td> <td>— —</td>	—	1 (D)	— —	
Kerosene, motor oil, and grease	forms \$1,000	3 608 557	1 604 226	74 (D)	— <td>—</td> <td>74 (D)</td> <td>85 34</td>	—	74 (D)	85 34	
Electricity	forms \$1,000	2 340 2 422	868 390	58 44	— <td>—</td> <td>58 44</td> <td>36 76</td>	—	58 44	36 76	
Other—coal, wood, coke, etc.	forms \$1,000	61 14	27 6	— <td>—</td> <td>—<td>—</td><td>—<td>—</td></td></td>	—	— <td>—</td> <td>—<td>—</td></td>	—	— <td>—</td>	—
Hired farm labor	forms \$1,000	1 645 15 051	538 2 701	53 494	— <td>—</td> <td>53 494</td> <td>53 2 602</td>	—	53 494	53 2 602	
Farms with expenses of—									
\$1 to \$4,999		1 205	405	40	—	—	40	23	
\$5,000 to \$19,999		284	105	5	—	—	5	1	
\$20,000 to \$49,999		109	21	7	—	—	7	20	
\$50,000 or more		47	7	1	—	—	1	9	
Workers by number of days worked:									
150 days or more	farms workers	711 2 074	195 364	12 60	— <td>—</td> <td>12 60</td> <td>28 347</td>	—	12 60	28 347	
Less than 150 days	farms workers	1 376 6 703	464 1 653	51 221	— <td>—</td> <td>51 221</td> <td>50 547</td>	—	51 221	50 547	
Contract labor	forms \$1,000	268 1 501	109 133	14 310	— <td>—</td> <td>14 310</td> <td>19 303</td>	—	14 310	19 303	
Farms with expenses of—									
\$1 to \$2,499		199	105	1	—	—	1	9	
\$2,500 to \$9,999		37	1	1	—	—	1	4	
\$10,000 to \$19,999		14	2	6	—	—	6	1	
\$20,000 or more		18	1	6	—	—	6	5	
Customwork, machine hire, and rental of machinery and equipment	forms \$1,000	1 727 2 435	911 1 187	43 46	— <td>—</td> <td>43 46</td> <td>32 198</td>	—	43 46	32 198	
Farms with expenses of—									
\$1 to \$2,499		1 451	775	37	—	—	37	18	
\$2,500 to \$9,999		258	128	6	—	—	6	10	
\$10,000 to \$19,999		12	5	—	—	—	—	3	
\$20,000 or more		6	3	—	—	—	—	2	
FARM-RELATED INCOME									
Income from machine work, customwork, and other agricultural services	farms \$1,000	400 1 472	242 735	6 7	— <td>—</td> <td>6 7</td> <td>17 160</td>	—	6 7	17 160	
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	192 1 188	42 62	8 102	— <td>—</td> <td>8 102</td> <td>39 333</td>	—	8 102	39 333	

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	Beef cattle farms, except feedlots (0212)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
SELECTED FARM PRODUCTION EXPENSES¹—Con.								
Animal health costs—	farms \$1,000	8	26	196	50	168	892	66
Forms with expenses of—		—	39	74	7	215	1 755	306
\$1 to \$499		8	19	165	50	96	171	29
\$500 to \$999		—	1	11	—	12	436	—
\$1,000 to \$2,999		—	—	15	—	36	150	7
\$3,000 or more		—	6	5	—	24	135	30
Seeds, bulbs, plants, and trees	farms \$1,000	124	33	127	35	174	416	20
Forms with expenses of—		796	147	88	5	315	718	14
\$1 to \$999		68	22	106	35	93	290	9
\$1,000 to \$4,999		30	4	15	—	67	104	11
\$5,000 to \$9,999		13	2	6	—	10	11	—
\$10,000 or more		13	5	—	—	4	11	—
Commercial fertilizer	farms \$1,000	81	47	183	59	173	403	29
Forms with expenses of—		194	264	611	54	1 115	1 997	13
\$1 to \$2,499		70	37	159	53	77	260	29
\$2,500 to \$9,999		9	2	16	6	61	98	—
\$10,000 to \$19,999		—	2	3	—	26	19	—
\$20,000 or more		2	6	5	—	9	26	—
Other agricultural chemicals including lime	farms \$1,000	110	41	147	45	148	502	33
Forms with expenses of—		128	138	226	58	315	1 253	10
\$1 to \$2,499		106	32	124	39	112	393	33
\$2,500 to \$9,999		3	3	22	6	30	86	5
\$10,000 to \$19,999		—	5	—	—	5	15	—
\$20,000 or more		1	1	1	—	1	8	—
Energy and petroleum products	farms \$1,000	143	52	302	79	181	1 045	95
Forms with expenses of—		589	178	378	80	730	4 020	141
\$1 to \$2,499		108	41	278	73	81	667	73
\$2,500 to \$9,999		21	4	14	6	79	309	22
\$10,000 to \$19,999		5	4	10	—	19	53	3
\$20,000 or more		9	3	—	—	2	16	—
Petroleum products	farms \$1,000	143	52	302	79	181	1 043	95
Gasoline	farms \$1,000	484	150	273	61	510	2 639	91
Diesel fuel	farms \$1,000	127	48	267	79	175	964	95
LP gas, butane, and propane	farms \$1,000	212	70	157	54	269	929	56
Fuel oil	farms \$1,000	22	20	89	13	151	347	32
Natural gas	farms \$1,000	(D)	56	3	(D)	481	26	26
Kerosene, motor oil, and grease	farms \$1,000	28	9	22	—	42	389	—
Electricity	farms \$1,000	10	18	37	—	36	990	—
Other—coal, wood, coke, etc.	farms \$1,000	42	5	10	—	27	105	—
Hired farm labor	farms \$1,000	143	12	4	—	19	63	—
Workers by number of days worked:		—	—	—	—	—	—	—
150 days or more	farms workers	51	10	23	6	74	286	22
Less than 150 days	farms workers	233	(D) 49	18	158	720	52	20
Contract labor	farms \$1,000	82	15	125	38	94	485	1
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	574	124	535	160	353	2 582	18
Income from machine work, customwork, and other agricultural services	farms \$1,000	30	16	85	23	125	477	2
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	100	33	65	13	179	594	(D) 5
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services	farms \$1,000	2	8	23	4	29	62	4
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	(D)	(D)	57	5	28	417	3

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**VALUE OF MACHINERY AND EQUIPMENT¹**

	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013)				Vegetable and melon farms (016)	Fruit and tree nut farms (017)
			Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		
Estimated market value of all machinery and equipment forms \$1,000	3 629	1 618	74	—	—	74	85	18
Farms by value group:	142 763	65 939	3 422	—	—	3 422	8 335	410
\$1 to \$4,999	353	144	1	—	—	1	19	—
\$5,000 to \$9,999	773	346	24	—	—	24	24	15
\$10,000 to \$19,999	820	314	11	—	—	11	—	1
\$20,000 to \$49,999	838	394	18	—	—	18	17	—
\$50,000 to \$99,999	457	238	7	—	—	7	7	—
\$100,000 to \$199,999	281	129	9	—	—	9	9	2
\$200,000 to \$499,999	95	50	4	—	—	4	6	—
\$500,000 or more	12	3	—	—	—	—	3	—

SELECTED MACHINERY AND EQUIPMENT¹

Automobiles	farms	2 589	1 158	56	—	56	49	11
Automobiles	number	3 846	1 710	81	—	81	66	20
Motortrucks, including pickups	farms	3 018	1 385	72	—	72	73	17
Motortrucks, including pickups	number	6 472	3 098	249	—	249	215	29
Wheel tractors	farms	3 216	1 532	68	—	68	72	13
Wheel tractors	number	8 698	4 153	225	—	225	410	33
2 or 3	farms	1 479	743	44	—	44	24	2
2 or 3	number	3 522	1 762	101	—	101	53	(D)
4 or more	farms	746	386	19	—	19	32	2
4 or more	number	4 185	1 988	119	—	119	341	(D)
Grain and bean combines, self-propelled only	farms	1 154	753	22	—	22	20	—
Grain and bean combines, self-propelled only	number	1 347	886	23	—	23	36	—
Cornpickers, corn heads, and picker-shellers	farms	1 172	695	28	—	28	28	—
Cornheads for combines	farms	1 498	917	28	—	28	34	—
Cornheads for combines	number	923	584	16	—	16	16	—
Other cornpickers and picker-shellers	farms	1 033	661	16	—	16	18	—
Other cornpickers and picker-shellers	number	437	234	12	—	12	15	—
Other cornpickers and picker-shellers	number	465	256	12	—	12	16	—
Cottonpickers	farms	—	—	—	—	—	—	—
Cottonpickers	number	—	—	—	—	—	—	—
Mower conditioners	farms	553	239	28	—	28	5	—
Mower conditioners	number	601	268	33	—	33	5	—
Pickup balers	farms	581	257	25	—	25	13	—
Pickup balers	number	617	265	25	—	25	13	—
Field forage harvesters, shear bar or flywheel type	farms	238	83	—	—	—	9	—
Field forage harvesters, shear bar or flywheel type	number	280	89	—	—	—	(D)	—

AGRICULTURAL CHEMICALS¹

Agricultural chemicals, including commercial fertilizer and lime	farms	2 882	1 575	73	—	73	85	18
Agricultural chemicals, including commercial fertilizer and lime	\$1,000	21 149	12 017	777	—	777	1 664	91
Commercial fertilizer	farms	2 537	1 487	61	—	61	85	18
Commercial fertilizer	acres on which used	412 690	258 818	8 328	—	8 328	27 366	1 374
Lime	farms	1 194	690	41	—	41	25	1
Lime	acres on which used	108 755	66 714	2 971	—	2 971	8 363	(D)
Lime	tons	114 292	69 403	3 105	—	3 105	8 188	(D)
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops	farms	1 146	614	52	—	52	52	17
Insects on hay and other crops	acres on which used	187 234	113 673	6 440	—	6 440	19 709	593
Nematodes in crops	farms	122	78	2	—	2	7	1
Nematodes in crops	acres on which used	16 933	8 577	(D)	—	(D)	555	10
Diseases in crops and orchards	farms	126	45	5	—	5	10	12
Diseases in crops and orchards	acres on which used	15 777	5 673	2 100	—	2 100	5 100	503
Weeds, grass, or brush in crops and pasture	farms	2 014	1 185	53	—	53	38	10
Weeds, grass, or brush in crops and pasture	acres on which used	360 726	221 919	6 813	—	6 813	22 182	50

Chemicals for—

Defoliation or for growth control of crops, or thinning of fruit	farms	83	43	3	—	3	2	1
Defoliation or for growth control of crops, or thinning of fruit	acres on which used	3 600	1 794	340	—	340	(D)	(D)
Insect control on livestock and poultry	farms	511	168	13	—	13	1	1
Insect control on livestock and poultry	acres	563	199	41	—	41	4	1

LIVESTOCK

Cattle and calves inventory	farms	715	208	7	—	7	15	—
Cattle and calves inventory	number	29 123	4 417	44	—	44	576	—
Farms with—								
1 to 9		293	110	6	—	6	6	—
10 to 49		247	73	1	—	1	4	—
50 to 99		84	16	—	—	—	4	—
100 to 199		66	8	—	—	—	—	—
200 to 499		24	1	—	—	—	1	—
500 or more		1	—	—	—	—	—	—
Cows and heifers that had calved	farms	571	139	6	—	6	10	—
Cows and heifers that had calved	number	15 055	1 854	23	—	23	214	—
Beef cows	farms	311	104	4	—	4	6	—
Beef cows	number	4 158	1 260	20	—	20	97	—
Farms with—								
1 to 9		209	64	3	—	3	2	—
10 to 49		87	34	1	—	1	4	—
50 to 99		9	5	—	—	—	—	—
100 to 199		4	1	—	—	—	—	—
200 to 499		2	—	—	—	—	—	—
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	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 EQUIPMENT¹								
Estimated market value of all machinery and equipment	forms \$1,000	4 084	52	307	84	181	1 045	95
Farms by value group:		2 194		4 601	927	9 112	41 552	1 340
\$1 to \$4,999		18	6	56	7	28	74	7
\$5,000 to \$9,999		42	10	151	50	33	92	36
\$10,000 to \$19,999		35	16	35	7	16	371	21
\$20,000 to \$49,999		26	10	41	20	38	261	31
\$50,000 to \$99,999		11	2	18	—	30	142	2
\$100,000 to \$199,999		10	7	5	—	29	77	—
\$200,000 to \$499,999		1	1	1	—	7	23	—
\$500,000 or more		—	—	—	—	5	—	1
SELECTED MACHINERY AND EQUIPMENT¹								
Automobiles	forms	105	30	161	63	122	830	57
number		185	38	229	90	210	1 222	66
Motortrucks, including pickups	forms	109	34	243	65	131	849	94
number		280	101	369	76	304	1 664	119
Wheel tractors	forms	85	48	244	72	172	911	60
number		281	150	576	144	554	2 108	141
2 or 3	forms	29	22	135	46	40	394	45
number		68	55	319	118	94	943	119
4 or more	forms	29	11	29	—	74	152	2
number		186	80	177	—	402	800	(D)
Grain and bean combines, self-propelled only	forms	6	5	33	9	52	242	11
number		6	9	37	9	58	268	11
Cornpickers, corn heads, and picker-shellers	forms	9	5	71	20	79	237	10
number		9	7	75	20	109	295	10
Corn heads for combines	forms	6	4	33	9	40	204	10
number		6	(D)	37	9	44	224	(D)
Other cornpickers and picker-shellers	forms	3	2	38	11	63	69	—
number		3	(D)	38	11	65	71	(D)
Cottonpickers	forms	—	—	—	—	—	—	—
number		—	—	—	—	—	—	—
Mower conditioners	forms	2	18	63	28	96	82	12
number		(D)	(D)	63	28	99	84	18
Pickup balers	forms	9	9	75	37	126	43	16
number		9	9	76	37	153	43	16
Field forage harvesters, shear bar or flywheel type	forms	—	2	39	23	79	19	—
number		—	(D)	41	23	106	21	—
AGRICULTURAL CHEMICALS¹								
Agricultural chemicals, including commercial fertilizer and lime	forms \$1,000	114	47	196	66	174	548	41
Commercial fertilizer	forms	322	402	838	111	1 430	3 251	22
acres on which used		73	46	176	57	173	384	23
Lime	acres on which used	1 973	6 375	12 622	1 904	28 838	59 924	817
acres on which used		26	32	89	23	108	153	22
tons		(D)	1 672	2 922	562	6 609	17 566	177
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops	forms	47	26	51	17	95	180	9
acres on which used		453	1 449	5 454	1 154	8 504	30 270	32
Nematodes in crops	forms	3	2	7	5	1	19	—
acres on which used		204	(D)	82	35	(D)	6 186	2
Diseases in crops and orchards	forms	27	4	4	1	2	16	(D)
acres on which used		137	517	55	(D)	54	593	—
Weeds, grass, or brush in crops and pasture	forms	61	27	112	37	103	388	27
acres on which used		2 842	5 843	14 833	3 555	16 975	62 713	921
acres on which used		—	—	—	—	—	—	5 635
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit	forms	4	5	3	—	1	21	—
acres on which used		4	183	293	—	(D)	684	—
Insect control on livestock and poultry	forms	3	6	55	—	86	163	9
Sanitation and rodent and bird control	forms	6	2	47	—	56	195	8
LIVESTOCK								
Cattle and calves inventory	forms	1	15	186	68	162	92	6
number		3	536	5 470	2 274	14 946	1 829	99
Farms with—								
1 to 9		1	8	96	23	—	56	5
10 to 49		—	6	71	31	59	24	9
50 to 99		—	—	11	8	39	9	4
100 to 199		—	—	4	3	48	2	4
200 to 499		—	1	3	3	16	1	1
500 or more		—	—	1	—	—	—	—
Cows and heifers that had calved	forms	1	12	142	53	162	72	6
number		1	328	1 732	796	9 099	1 036	91
Beef cows	forms	1	10	100	43	17	56	5
number		1	307	1 540	756	123	674	90
Farms with—								
1 to 9		1	6	72	25	14	37	4
10 to 49		—	3	23	14	3	17	6
50 to 99		—	—	2	2	—	1	2
100 to 199		—	—	2	2	—	1	—
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**LIVESTOCK—Con.****Cattle and calves inventory—Con.****Cows and heifers that had calved—Con.**

	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013)			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)	
			Total	Cotton farms (0131)	Tobacco farms (0132)				
Milk cows	317 forms number	44 10 897 594	3 3	— —	— —	3 3	6 117	— —	— —
Farms with—									
1 to 4	103	28	3	—	—	3	3	3	—
5 to 9	18	3	—	—	—	—	1	—	—
10 to 49	106	9	—	—	—	—	1	—	—
50 to 99	60	3	—	—	—	—	1	—	—
100 to 199	28	1	—	—	—	—	—	—	—
200 to 499	2	—	—	—	—	—	—	—	—
500 or more	—	—	—	—	—	—	—	—	—
Heifers and heifer calves	456 forms number	114 9 109 1 328	3 10	— —	— —	3 10	11 119	— —	— —
Steers, steer calves, bulls, and bull calves	495 forms number	145 4 959 1 235	6 11	— —	— —	6 11	9 243	— —	— —
Cattle and calves sold	588 forms number	161 17 091 2 370	2 (D)	— —	— —	2 (D)	13 261	— —	— —
Calves	395 forms number	90 7 226 794	1 (D)	— —	— —	1 (D)	7 110	— —	— —
Cattle	470 forms number	122 9 865 1 576	2 (D)	— —	— —	2 (D)	10 151	— —	— —
Fattened on grain and concentrates	135 forms number	47 4 956 772	— (D)	— —	— —	— (D)	4 77	— —	— —
Hogs and pigs inventory	669 forms number	160 62 428 8 054	4 128	— —	— —	4 128	10 525	— —	— —
Farms with—									
1 to 9	188	57	1	—	—	1	3	—	—
10 to 49	291	65	2	—	—	2	4	—	—
50 to 99	89	22	1	—	—	1	—	—	—
100 to 199	37	8	—	—	—	—	3	—	—
200 to 499	37	6	—	—	—	—	—	—	—
500 or more	27	2	—	—	—	—	—	—	—
Used or to be used for breeding	506 forms number	120 10 726 1 492	4 19	— —	— —	4 19	7 57	— —	— —
Other	574 forms number	135 51 702 6 562	4 109	— —	— —	4 109	9 468	— —	— —
Hogs and pigs sold	652 forms number	158 103 175 14 853	3 70	— —	— —	3 70	9 475	— —	— —
Feeder pigs sold	278 forms number	63 33 426 4 822	1 (D)	— —	— —	1 (D)	3 (D)	— —	— —
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30	522 forms number	122 13 095 1 906	4 22	— —	— —	4 22	7 (D)	— —	— —
Dec. 1 and May 31	454 forms number	103 5 993 976	4 11	— —	— —	4 11	7 (D)	— —	— —
June 1 and Nov. 30	459 forms number	105 7 102 930	3 11	— —	— —	3 11	7 (D)	— —	— —
Sheep and lambs of all ages inventory	32 forms number	12 546 205	1 (D)	— —	— —	1 (D)	1 3	— —	— —
Ewes 1 year old or older	26 forms number	8 370 132	1 (D)	— —	— —	1 (D)	1 1	— —	— —
Sheep and lambs sold	23 forms number	9 416 173	1 (D)	— —	— —	1 (D)	— —	— —	— —
Sheep and lambs shorn	21 forms number	7 420 145	1 (D)	— —	— —	1 (D)	— —	— —	— —
	2 984 pounds of wool	1 052 (D)	— —	— —	— —	— —	— —	— —	— —
Horses and ponies inventory	547 forms number	176 3 455 944	10 37	— —	— —	10 37	7 20	3 8	— —
Horses and ponies sold	162 forms number	29 474 92	1 (D)	— —	— —	1 (D)	— —	— —	— —
Goats inventory	24 forms number	— 111 38	— —	— —	— —	— —	— —	— —	— —
Goats sold	11 forms number	3 40 6	— —	— —	— —	— —	— —	— —	— —
	\$1,000 —	1 —	— —	— —	— —	— —	— —	— —	— —
POULTRY									
Chickens 3 months old or older inventory	360 forms number	101 729 529 3 527	6 598	— —	— —	6 598	8 178	1 (D)	— —
Farms with—									
1 to 399	314	100	6	—	—	6	8	1	—
400 to 3,199	6	1	—	—	—	—	—	—	—
3,200 to 9,999	28	—	—	—	—	—	—	—	—
10,000 to 19,999	7	—	—	—	—	—	—	—	—
20,000 to 49,999	3	—	—	—	—	—	—	—	—
50,000 to 99,999	1	—	—	—	—	—	—	—	—
100,000 or more	1	—	—	—	—	—	—	—	—
Hens and pullets of laying age	341 forms number	93 570 742 3 210	6 348	— —	— —	6 348	8 158	1 (D)	— —
Pullets 3 months old or older not of laying age	60 forms number	12 158 787 317	1 (D)	— —	— —	1 (D)	1 (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

	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)							
			Total	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.	farms.. number..									
Milk cows	—	2	58	14	162	24	1	17		
Farms with—		(D)	192	40	8 976	362	(D)	631		
1 to 4	—	1	45	11	—	18	1	4		
5 to 9	—	—	10	3	3	—	—	1		
10 to 49	—	1	3	—	79	4	—	9		
50 to 99	—	—	—	—	55	—	—	1		
100 to 199	—	—	—	—	23	2	—	2		
200 to 499	—	—	—	—	2	—	—	—		
500 or more	—	—	—	—	—	—	—	—		
Heifers and heifer calves	farms.. number..	1 (D)	7 66	102 818	153 5 195	45 389	1 (D)	19 373		
Steers, steer calves, bulls, and bull calves	farms.. number..	12 (D)	136 142	57 2 111	106 652	58 404	3 (D)	19 153		
Cattle and calves sold	farms.. number..	10 (D)	157 7 286	73 2 647	162 4 914	56 917	4 17	23 944		
Calves	\$1,000.. farms.. number..	— (D)	3 156	648	964	270	8	384		
Cattle	\$1,000.. farms.. number..	6 (D)	90 2 220	45 1 898	143 3 085	37 420	—	21 399		
Fattened on grain and concentrates	\$1,000.. farms.. number..	10 (D)	128 5 066	56 1 829	135 497	44 17	4 15	15 545		
Hogs and pigs inventory	farms.. number..	2 7 (D)	14 50 4 148	12 2 748	750 1 829	202 497	8 17	314 545		
Farms with—		— (D)	40 2 392	2 748	295 1 829	136 46	6 4	1 4 (D)		
1 to 9	—	2	38	5	21	55	1	6		
10 to 49	—	4	125	6	20	69	—	2		
50 to 99	—	2	27	1	8	27	—	2		
100 to 199	—	3	11	—	1	10	—	1		
200 to 499	—	1	18	—	—	12	—	—		
500 or more	—	—	14	—	—	7	—	4		
Used or to be used for breeding	farms.. number..	2 (D)	200 5 615	8 56	212 2 239	122 950	—	—		
Other	farms.. number..	1 (D)	196 27 811	11 192	40 1 017	161 11 224	1 (D)	13 3 568		
Hogs and pigs sold	farms.. number..	1 (D) 1 455	241 53 180	10 151	51 2 647	163 21 765	1 (D)	14 8 716		
Feeder pigs sold	farms.. number..	1 (D) 141	4 758 15 188	10 74	148 1 593	174 6 609	1 (D)	7 584		
Litters of pigs farrowed between—										
Dec. 1 of preceding year and Nov. 30	farms.. number..	2 (D) 228	205 6 806	8 42	39 292	126 2 562	—	10 1 208		
Dec. 1 and May 31	farms.. number..	2 (D) 118	178 2 898	7 26	34 141	110 1 225	—	10 577		
June 1 and Nov. 30	farms.. number..	1 (D) 110	179 3 908	5 16	35 151	113 1 337	—	9 631		
Sheep and lambs of all ages inventory	farms.. number..	— —	9 216	1 (D) 105	1 63	84 228	85 924	12 232		
Ewes 1 year old or older	farms.. number..	— —	7 148	— (D)	1 60	7 46	—	(D) 1		
Sheep and lambs sold	farms.. number..	— —	8 176	— (D)	—	4 27	—	(D) 1		
Sheep and lambs shorn	farms.. number..	— —	7 190	— (D)	1 4	36 254	—	(D) 1		
	pounds of wool..	— —	1 299	— (D)	—	—	—	(D) 1		
Horses and ponies inventory	farms.. number..	5 8	20 286	82 328	25 105	63 440	84 228	85 924		
Horses and ponies sold	farms.. number..	2 4	13 24	5 12	17 23	10 33	86 276	2 276 (D)		
Goats inventory	farms.. number..	2 (D)	11 33	5 2	19 5	40 1 362	—	— (D)		
Goats sold	farms.. number..	— (D)	4 18	— (D)	1 1	1 (D)	—	— (D)		
	\$1,000..	— (D)	1 1	— (D)	— (D)	— (D)	—	— (D)		
POULTRY										
Chickens 3 months old or older inventory	farms.. number..	1 (D) 6 754	8 2 393	86 529	17 4 301	76 666 878	5 66	8 44 689		
Farms with—										
1 to 399	—	1 7	86	17	60	33	5	7		
400 to 3,199	—	—	—	—	—	5	—	—		
3,200 to 9,999	—	1	—	—	—	27	—	—		
10,000 to 19,999	—	—	—	—	—	7	—	—		
20,000 to 49,999	—	—	—	—	—	2	—	1		
50,000 to 99,999	—	—	—	—	—	1	—	—		
100,000 or more	—	—	—	—	—	1	—	—		
Hens and pullets of laying age	farms.. number..	1 8 (D) 6 754	84 2 188	16 493	60 3 810	67 523 389	5 51	8 30 689 (D)		
Pullets 3 months old or older not of laying age	farms.. number..	— —	8 205	3 36	17 491	19 143 489	1 1 (D)	1 1 (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)			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)
			Total	Cotton farms (0131)	Tobacco farms (0132)			
POULTRY — Con.								
Chickens 3 months old or older sold	farms number	102 904 946	8 414	1 (D)	—	—	1 (D)	—
Broilers and other meat-type chickens sold	farms number	1 040	26	—	—	—	—	—
Farms with—		148 327 236	1 650 305	—	—	—	—	—
1 to 1,999		21	6	—	—	—	—	—
2,000 to 59,999		227	10	—	—	—	—	—
60,000 to 99,999		195	3	—	—	—	—	—
100,000 or more		597	7	—	—	—	—	—
Turkey hens kept for breeding	farms number	4 34	—	—	—	—	—	—
Turkeys sold	farms number	11 (D)	—	—	—	—	(D)	—
CROPS HARVESTED								
Corn for all purposes	farms acres	1 695 167 691	944 105 184	26 1 602	—	—	1 26 1 602	25 2 793 (D)
For grain or seed	farms acres	1 668 157 679	944 104 671	24 1 527	—	—	1 24 1 527	24 2 708 (D)
Irrigated	farms acres	15 083 997 12 176	10 186 014 6 952	178 933 (D)	—	—	178 933	268 884 (D)
Farms by acres harvested:								
1 to 24 acres		612	288	11	—	—	11	10
25 to 99 acres		608	362	4	—	—	4	7
100 to 499 acres		400	257	9	—	—	9	6
500 acres or more		48	37	—	—	—	—	1
Wheat for grain	farms acres	384 16 422	257 12 065	3 55	—	—	3 55	5 237
Irrigated	farms acres	576 855 (D)	436 667 (D)	3 540	—	—	3 540	8 218
Farms by acres harvested:								
1 to 24 acres		197	125	2	—	—	2	3
25 to 99 acres		153	106	1	—	—	1	1
100 to 499 acres		33	25	—	—	—	—	1
500 acres or more		1	1	—	—	—	—	—
Borley for grain	farms acres	467 25 185	275 16 145	10 844	—	—	10 844	18 1 067 (D)
Irrigated	farms acres	1 109 242 162	718 766 (D)	39 296	—	—	39 296	47 006 (D)
Soybeans for beans	farms acres	2 196 263 938	1 477 182 190	33 3 335	—	—	33 3 335	45 9 289
Irrigated	farms acres	7 542 863 2 106	5 215 986 911	111 976	—	—	111 976	246 314 7 797
Farms by acres harvested:								
1 to 24 acres		545	349	12	—	—	12	12
25 to 99 acres		900	612	7	—	—	7	10
100 to 499 acres		663	454	13	—	—	13	17
500 acres or more		88	62	1	—	—	1	6
Irish potatoes	farms acres	56 6 103	12 710	22 4 479	—	—	22 4 479	5 268
Irrigated	farms acres	1 269 668 4 477	166 784 (D)	929 960 3 536	—	—	929 960 3 536	47 840 (D)
Farms by acres harvested:								
0.1 to 0.9 acres		14	4	—	—	—	—	1
1.0 to 4.9 acres		7	3	—	—	—	—	2
5.0 to 24.9 acres		2	2	—	—	—	—	—
25.0 to 99.9 acres		13	2	6	—	—	6	1
100.0 acres or more		20	1	16	—	—	16	1
Hay crops (see text)	farms acres	736 21 794	256 5 173	52 1 861	—	—	52 1 861	15 206
Irrigated	farms acres	46 781 7	10 408 1	3 808	—	—	3 808	868
Farms by acres harvested:								
1 to 24 acres		465	195	30	—	—	30	13
25 to 99 acres		237	55	19	—	—	19	2
100 to 499 acres		33	6	3	—	—	3	—
500 acres or more		1	—	—	—	—	—	—
Alfalfa hay	farms acres	357 6 912	103 1 374	30 705	—	—	30 705	5 47
Irrigated	farms acres	19 936 5	3 887 1	1 879	—	—	1 879	154
All vegetables harvested for sale (see text)	farms acres	388 41 053	126 8 266	9 562	—	—	9 562	99 24 576 448
Irrigated	farms acres	15 317 123	3 132 31	293 6	—	—	293 6	36 7 891 2 (D)
Farms by acres harvested:								
0.1 to 4.9 acres		147	47	2	—	—	2	29
5.0 to 24.9 acres		85	25	3	—	—	3	23
25.0 to 99.9 acres		77	27	2	—	—	2	18
100.0 acres or more		79	27	2	—	—	2	29

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)				
POULTRY—Con.								
Chickens 3 months old or older sold	—	5	11	—	8	63	—	5
farms—					1 385	871 521	—	25 310
number—		6 040	196	—	2	982	—	11
Broilers and other meat-type chickens sold	—	7	12	—	(D)	144 046 235	—	(D)
farms—								
number—		792 435	766 761	—				
Forms with—								
1 to 1,999	—	3	7	—	2	1	—	2
2,000 to 59,999	—	1	1	—	—	214	—	1
60,000 to 99,999	—	—	1	—	—	188	—	3
100,000 or more	—	3	3	—	—	579	—	5
Turkey hens kept for breeding	—	—	2	—	—	1	—	1
farms—						(D)	—	5
number—		—	(D)			2	(D)	1
Turkeys sold	—	2	2	—	(D)	(D)	(D)	5
farms—								
number—		—	(D)					
CROPS HARVESTED								
Corn for all purposes	—	2	27	142	21	153	336	12
farms—		(D)	1 454	7 612	310	15 401	29 822	167
acres—						141	334	12
For grain or seed	—	2	23	136	16	—	—	26
farms—		(D)	1 395	4 792	165	9 609	29 506	167
acres—						—	—	3 072
Irrigated	—	147 432	421 611	11 933	905 706	2 639 875	14 537	298 350
farms—								
acres—		—	345	327	—	(D)	3 749	(D)
Farms by acres harvested:								
1 to 24 acres	—	1	9	103	16	51	120	10
25 to 99 acres	—	1	7	18	—	62	138	2
100 to 499 acres	—	—	7	14	—	26	69	—
500 acres or more	—	—	—	1	—	2	7	—
Wheat for grain	—	7	17	2	52	33	1	9
farms—		—	190	546	(D)	1 578	1 116	(D)
acres—						46 300	37 967	(D)
Irrigated	—	6 006	16 178	(D)	—	—	—	21 477
farms—								
acres—		—	(D)					
Farms by acres harvested:								
1 to 24 acres	—	—	4	10	2	33	17	1
25 to 99 acres	—	—	3	6	—	17	15	4
100 to 499 acres	—	—	—	1	—	2	1	3
500 acres or more	—	—	—	—	—	—	—	—
Barley for grain	—	13	24	3	45	71	1	9
farms—		567	836	23	1 539	3 537	(D)	518
acres—						71 328	148 259	(D)
Irrigated	—	27 743	28 884	1 043	—	—	—	21 600
farms—								
acres—		—	(D)					
Soybeans for beans	—	11	29	66	11	56	450	7
farms—		1 398	4 503	83	5 887	49 092	233	19
acres—						170 704	1 401 377	3 751
Irrigated	—	34 547	135 407	106 384	2 377	—	6 138	106 233
farms—								
acres—		—	(D)					
Farms by acres harvested:								
1 to 24 acres	—	6	8	31	10	9	112	4
25 to 99 acres	—	2	11	24	1	27	197	3
100 to 499 acres	—	2	7	11	—	19	128	—
500 acres or more	—	1	3	—	—	1	13	1
Irish potatoes	—	1	7	1	—	6	2	—
farms—		(D)	413	(D)	—	2	(D)	—
acres—						242	(D)	—
Irrigated	—	—	4	—	—	—	—	—
farms—								
acres—		—	89	—	—	(D)	—	—
Farms by acres harvested:								
0.1 to 0.9 acres	—	1	1	1	—	6	—	—
1.0 to 4.9 acres	—	—	1	—	—	—	1	—
5.0 to 24.9 acres	—	—	—	—	—	—	—	—
25.0 to 99.9 acres	—	—	4	—	—	—	—	—
100.0 acres or more	—	—	1	—	—	1	—	—
Hay crops (see text)	—	6	32	110	41	152	63	30
farms—		545	639	2 110	1 066	7 796	1 836	472
acres—						1842	2 941	1 156
Irrigated	—	923	1 349	3 987	1 842	19 558	2 941	609
farms—								2 330
acres—		—	(D)			(D)	(D)	—
Farms by acres harvested:								
1 to 24 acres	—	3	22	79	25	36	54	26
25 to 99 acres	—	2	9	29	14	102	6	3
100 to 499 acres	—	1	1	2	2	14	2	1
500 acres or more	—	—	—	—	—	—	1	—
Alfalfa hay	—	4	18	36	16	122	20	7
farms—		142	267	533	263	3 393	177	134
acres—						417	10 425	140
Irrigated	—	515	687	1 196	1	437	229	527
farms—						(D)	(D)	—
acres—		—	(D)					
All vegetables harvested for sale (see text)	—	6	27	28	2	15	70	4
farms—		86	2 098	357	(D)	(D)	3 768	—
acres—							—	669
Irrigated	—	2	15	4	—	—	26	1
farms—		(D)	918	287	—	—	2 396	(D)
Farms by acres harvested:								
0.1 to 4.9 acres	—	4	6	22	2	11	23	—
5.0 to 24.9 acres	—	1	7	5	—	1	18	—
25.0 to 99.9 acres	—	1	7	—	—	3	19	—
100.0 acres or more	—	—	7	1	—	—	10	—

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms	Field crop farms except cash grain farms (013)						Vegetable and melon farms (016)	Fruit and tree nut farms (017)
	Total farms	Cash grain farms (011)	Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		
CROPS HARVESTED—Con.								
Land in orchards	forms— acres—	58 51	14 (D)	2 —	— —	— —	2 (D)	5 45
Irrigated	forms— acres—	3 147	— —	— —	— —	— —	— —	2 (D)
Farms by acres in orchards:								
0.1 to 4.9 acres	35	10	1	—	—	1	2	5
5.0 to 24.9 acres	16	4	1	—	—	1	2	8
25.0 to 99.9 acres	4	—	—	—	—	—	1	—
100.0 acres or more	3	—	—	—	—	—	—	2

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

CROPS HARVESTED—Con.

	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)					
			Total	Beef cattle farms, except feedlots (0212)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
Land in orchards		farms	6	8	1	2	2	1
		acres	371	11	(D)	(D)	(D)	(D)
Irrigated		farms	1	—	—	—	—	—
		acres	(D)	—	—	—	—	—
Farms by acres in orchards:								
0.1 to 4.9 acres		farms	2	8	1	2	1	3
		acres	1	—	—	—	—	—
5.0 to 24.9 acres		farms	2	—	—	—	1	—
		acres	1	—	—	—	—	—
25.0 to 99.9 acres		farms	—	—	—	—	—	—
100.0 acres or more		farms	—	—	—	—	—	—

¹1978 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
Delaware -----	3 632	679 045	187	53.5	3 185	662 647	208	270 381	1 500	299 858	1 487
----- 1974	3 400	630 605	185	49.7	2 988	613 573	205	180 023	971	197 850	963
Kent -----	1 004	214 828	214	56.5	864	209 888	243	276 741	1 324	311 157	1 308
----- 1974	976	196 410	201	51.7	814	189 189	232	176 277	876	202 584	872
New Castle -----	452	102 084	226	36.4	371	98 232	265	501 506	2 363	613 667	2 357
----- 1974	432	100 192	232	35.7	358	96 707	270	317 898	1 371	366 053	1 355
Sussex -----	1 942	352 734	182	58.0	1 792	347 000	194	236 441	1 352	251 554	1 351
----- 1974	1 992	334 023	168	54.9	1 816	327 677	180	151 957	906	162 570	901
Farms not on mail list -----	234	9 399	40	(X)	158	7 527	48	78 456	1 953	87 114	1 829

¹1978 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		
Delaware -----	3 114	536 077	2 944	500 417	771	18 662	129	3 779	126	1 805		
Kent -----	963	172 511	934	160 942	286	5 954	38	880	48	545		
New Castle -----	433	87 209	420	80 277	134	4 412	33	707	28	250		
Sussex -----	1 533	269 931	1 452	255 537	274	6 249	53	1 742	40	980		
Farms not on mail list -----	185	6 426	138	3 661	77	2 047	5	450	10	30		
All Farms Part 2 of 2	Cropland—Con.				Woodland				Other pastureland and rangeland			
	In cultivated summer fallow	Idle	Pastured	Not pastured								
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres		
Delaware -----	43	1 580	417	9 834	266	7 770	1 574	96 108	241	8 754	2 377	30 336
Kent -----	21	505	143	3 685	83	1 687	515	29 327	71	2 392	598	8 911
New Castle -----	10	198	57	1 365	32	680	163	7 517	57	1 772	301	4 906
Sussex -----	12	877	208	4 546	121	5 332	818	57 576	83	4 416	1 274	15 479
Farms not on mail list -----	-	-	9	238	30	71	78	1 688	30	174	204	1 040

Table 3. Irrigation: 1978

All Farms	Irrigated land according to use								Land in irrigated farms		
	Total		Harvested cropland		Pastureland		Other land		Acres	Acres of harvested cropland	Acres of harvested cropland
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres			
Delaware -----	255	33 725	252	33 429	9	196	6	100	138 440	111 036	106 632
Kent -----	101	14 916	100	(D)	4	(D)	2	(D)	40 363	34 917	34 022
New Castle -----	37	1 327	36	(D)	-	-	2	(D)	6 172	5 467	5 165
Sussex -----	117	17 482	116	17 280	5	(D)	2	(D)	91 905	70 652	67 445
Farms not on mail list -----	-	-	-	-	-	-	-	-	-	-	-

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
	Farms	Acres	Farms	Acres		Farms	Acres	Farms	Acres	
Delaware -----	3 632	2 144	1 087	401	11.0	3 185	1 779	1 044	362	11.4
Kent -----	1 004	534	324	146	14.5	864	423	307	134	15.5
New Castle -----	452	222	139	91	20.1	371	155	132	84	22.6
Sussex -----	1 942	1 166	616	160	8.2	1 792	1 047	601	144	8.0
Farms not on mail list -----	234	222	8	4	1.7	158	154	4	-	-

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
Delaware -----	3 178	479 300	291	83 032	134	107 886	16	6 092	13	2 735
Kent -----	866	169 156	93	23 691	34	19 457	5	(D)	6	(D)
New Castle-----	382	79 873	42	11 660	23	9 478	3	(D)	2	(D)
Sussex -----	1 696	220 872	156	47 681	77	78 951	8	3 487	5	1 743
Farms not on mail list-----	234	9 399	-	-	-	-	-	-	-	-

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
	Farms	Total									
Delaware -----	3 402	230	49.9	2 756	486	1 883	340	322	1 221	2 079	1 553
Kent -----	964	40	48.8	772	139	561	144	82	335	607	397
New Castle-----	426	26	51.5	353	73	206	24	39	143	280	172
Sussex -----	1 799	143	50.4	1 419	256	955	155	167	633	1 117	825
Farms not on mail list-----	213	21	46.4	212	18	161	17	34	110	75	159

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

All Farms	Farms with sales of \$20,000 or more				Farms with sales less than \$20,000				Abnormal farms (see text)	
	Farms	Total	Occupation		Total	Occupation				
			Farming	Other than farming		Farming	Other than farming			
Delaware -----	3 632	1 991	1 409	582	1 638	668	970	3		
Kent -----	1 004	463	381	82	541	226	315	-		
New Castle-----	452	206	174	32	245	105	140	1		
Sussex -----	1 942	1 249	834	415	691	282	409	2		
Farms not on mail list-----	234	73	20	53	161	55	106	-		

Table 8. Farms by Standard Industrial Classification: 1978

All Farms Part 1 of 2	Field crop except cash grain (013)						Vegetable and melon (016)	Fruit and tree nut (017)		
	Farms	Cash grain (011)	Total (013)	Cotton (0131)	Tobacco (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop (0133, 0134, 0139)				
Delaware -----	3 632	1 606	81	-	-	81	99	21		
Kent -----	1 004	553	35	-	-	35	43	11		
New Castle-----	452	226	34	-	-	34	15	3		
Sussex -----	1 942	773	7	-	-	7	37	3		
Farms not on mail list-----	234	54	5	-	-	5	4	4		

All Farms Part 2 of 2	Livestock except dairy, poultry, and animal specialty (021)						Dairy (024)	Poultry and egg (025)	Animal specialty (027)	General, primarily livestock (029)				
	Horticultural specialty (018)	General, primarily crop (019)	Total	Beef cattle, except feedlots (0212)										
					Farming	Other than farming								
Delaware -----	94	54	334	74	163	1 053	92	35						
Kent -----	26	23	88	24	98	89	26			12				
New Castle-----	41	10	50	23	37	7	22			7				
Sussex -----	27	16	112	19	17	916	18			16				
Farms not on mail list-----	-	5	84	8	11	41	26			-				

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)	
Delaware -----	3 629	3 185	946	621	424	411	425	358	444	91	104	249
Kent -----	1 004	864	161	134	168	149	128	124	140	35	34	71
New Castle -----	451	371	76	86	44	61	54	50	80	15	19	46
Sussex -----	1 940	1 792	700	362	187	184	197	162	148	37	36	75
Farms not on mail list-----	234	158	9	39	25	17	46	22	76	4	15	57

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)
Delaware -----	326 003	89 759	2 736	103 396	1 186	28 216	1 205	194 391
Kent -----	60 130	59 891	844	37 741	381	9 412	152	12 978
New Castle -----	24 245	53 639	381	18 350	175	4 909	32	985
Sussex -----	236 872	121 973	1 403	46 846	504	12 564	980	177 462
Farms not on mail list-----	4 756	20 323	108	459	126	1 331	41	2 966

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)
Delaware -----	325 180	102 097	2 453	102 974	1 015	27 858	1 174	194 347
Kent -----	59 939	69 374	753	37 609	333	9 359	136	12 970
New Castle -----	23 973	64 618	332	18 273	140	4 720	23	980
Sussex -----	236 577	132 018	1 289	46 665	459	12 481	974	177 431
Farms not on mail list-----	4 691	29 689	79	427	83	1 298	41	2 966

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)			
Delaware -----	1 724	37 128	2 051	121 055	1 599	674 132	117 592	1 565	2 462	2 407	5 625	
Kent -----	333	3 063	444	9 451	270	49 214	8 295	329	272	776	2 194	
New Castle -----	126	358	200	1 595	120	9 717	1 394	122	95	365	1 107	
Sussex -----	1 139	32 862	1 221	107 220	1 061	599 360	105 286	987	1 760	1 186	2 299	
Farms not on mail list-----	126	845	186	2 789	148	15 840	2 617	127	335	80	26	
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)		
	2 585	14 246	2 632	6 920	1 648	15 194	268	1 501	1 728	2 436	3 613	10 621
Kent -----	881	4 856	822	2 269	401	5 013	84	856	517	768	988	2 774
New Castle -----	352	2 354	364	1 114	260	2 339	27	150	184	392	452	1 466
Sussex -----	1 237	6 957	1 348	3 474	932	7 779	153	489	986	1 257	1 939	6 139
Farms not on mail list-----	115	80	98	63	55	63	4	6	41	18	234	242

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					
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Purchased (1,000 gallons)	Storage capacity		Farms	Expenses (\$1,000)	Purchased (1,000 gallons)	Storage capacity	
						Farms	Size (1,000 gallons)				Farms	Size (1,000 gallons)
Delaware -----	3 613	10 621	3 401	3 724	6 295	2 123	1 054	1 596	2 236	4 602	1 204	729
Kent -----	988	2 774	942	1 162	1 954	603	275	495	775	1 585	362	235
New Castle-----	452	1 466	441	492	830	279	156	213	306	624	175	108
Sussex -----	1 939	6 139	1 793	1 971	3 344	1 161	597	830	1 128	2 339	643	379
Farms not on mail list-----	234	242	225	100	167	80	26	58	27	54	24	6
LP gas, butane, and propane												Fuel oil
All Farms Part 2 of 3	Farms	Expenses (\$1,000)	Purchased (1,000 gallons)	Storage capacity		Farms	Expenses (\$1,000)	Purchased (1,000 gallons)	Storage capacity		Size (1,000 gallons)	
				Farms	Size (1,000 gallons)				Farms			
Delaware -----	592	1 233	2 763	371	465	308	380	832	198	175		
Kent -----	88	137	308	52	55	70	48	102	39	23		
New Castle-----	48	51	119	27	15	50	196	443	32	90		
Sussex -----	437	1 021	2 291	278	384	174	134	283	113	56		
Farms not on mail list-----	19	24	46	14	10	14	2	4	14	7		
Natural gas			Kerosene, motor oil, and grease				Electricity		Other—coal, wood, coke, etc.			
All Farms Part 3 of 3	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Expenses (\$1,000)	
Delaware -----	33	28	3 611	558	2 343	2 449			61	14		
Kent -----	9	11	988	181	555	458			20	4		
New Castle-----	4	1	452	80	292	339			7	1		
Sussex -----	20	16	1 937	283	1 364	1 578			34	9		
Farms not on mail list-----	—	—	234	15	132	74			—	—		

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

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

All Farms	Farms	Expenses (\$1,000)	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	Workers	Expenses (\$1,000)	Farms	Workers	Expenses (\$1,000)	Farms	less than 150 days	150 days or more	
	Farms	Expenses (\$1,000)	Farms	Workers	Expenses (\$1,000)	Farms	Workers	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Expenses (\$1,000)	
Delaware -----	1 648	15 194	935	3 568	1 034	269	632	4 555	444	3 145	1 455	9 605
Kent -----	401	5 013	228	846	278	64	133	1 132	109	855	497	3 602
New Castle-----	260	2 339	119	334	181	31	85	559	110	884	291	1 599
Sussex -----	932	7 779	559	2 320	546	148	367	2 829	225	1 406	667	4 404
Farms not on mail list-----	55	63	29	68	30	26	47	34	—	—	—	—

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
			Farms	Workers	Expenses (\$1,000)	Farms	Workers	Expenses (\$1,000)	Farms	Workers	Expenses (\$1,000)
Delaware -----	3 632	143 141	353	773	821	411	427	259	198	282	108
Kent -----	1 003	43 811	111	241	187	79	147	59	56	87	36
New Castle-----	452	21 409	33	107	71	38	60	38	41	40	24
Sussex -----	1 943	74 631	152	337	530	253	220	158	101	144	48
Farms not on mail list-----	234	3 290	57	88	33	41	—	4	—	11	—

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

Inventory												
All Farms Part 1 of 10	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	
Delaware -----	717	29 325	572	15 167	312	4 182	318	10 985	458	9 186	497	4 972
Kent -----	297	12 351	243	6 260	96	977	177	5 283	219	3 899	226	2 192
New Castle -----	136	6 236	104	3 324	62	659	55	2 665	90	2 153	105	759
Sussex -----	232	9 516	182	4 843	134	2 486	59	2 357	138	2 694	153	1 979
Farms not on mail list-----	52	1 222	43	740	20	60	27	680	11	440	13	42
Sales												
All Farms Part 2 of 10	Cattle and calves			Calves			Cattle					
	Sales (\$1,000)			Sales (\$1,000)			Total		Fattened on grain and concentrates			
							Farms	Number	Sales (\$1,000)	Farms	Number	
Delaware -----	590	17 184	5 904	397	7 272	929	471	9 912	4 975	135	5 593	3 124
Kent -----	265	7 855	2 324	201	4 354	602	203	3 501	1 722	49	1 905	1 019
New Castle -----	126	2 776	823	69	1 167	111	105	1 609	712	34	(D)	(D)
Sussex -----	176	6 000	2 620	112	1 582	211	140	4 418	2 410	52	(D)	(D)
Farms not on mail list-----	23	553	138	15	169	6	23	384	132	—	—	—
Cattle and calves—inventory per farm												
All Farms Part 3 of 10	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	
	717	29 325	201	93	114	133	84	67	24	1	(D)	
Kent -----	297	12 351	64	35	42	83	37	24	12	—	—	
New Castle -----	136	6 236	31	14	24	18	29	18	2	—	—	
Sussex -----	232	9 516	78	31	48	32	18	14	10	1	(D)	
Farms not on mail list-----	52	1 222	28	13	—	—	—	11	—	—	—	
Cows and heifers that had calved—inventory per farm												
All Farms Part 4 of 10	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	
	572	15 167	208	70	89	95	73	33	4	—	—	
Kent -----	243	6 260	72	24	56	50	27	14	—	—	—	
New Castle -----	104	3 324	36	11	8	20	22	6	1	—	—	
Sussex -----	182	4 843	76	27	25	25	13	13	3	—	—	
Farms not on mail list-----	43	740	24	8	—	—	11	—	—	—	—	
Beef cows—inventory per farm												
All Farms Part 5 of 10	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	
	312	4 182	155	54	53	35	9	4	2	—	—	
Kent -----	96	977	48	14	21	10	2	1	—	—	—	
New Castle -----	62	659	32	9	9	11	1	—	—	—	—	
Sussex -----	134	2 486	63	23	23	14	6	3	2	—	—	
Farms not on mail list-----	20	60	12	8	—	—	—	—	—	—	—	

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

All Farms
Part 6 of 10

Milk cows—inventory per farm										Dairy products sold	
Total		Farms with—						500 or more			
Farms	Number	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number	Farms	Sales (\$1,000)
Delaware	318	10 985	121	41	65	61	28	2	—	222	11 998
Kent	177	5 283	62	38	40	24	13	—	—	129	5 495
New Castle	55	2 665	16	—	13	20	5	1	—	45	3 120
Sussex	59	2 357	27	3	12	6	10	1	—	37	2 822
Farms not on mail list	27	680	16	—	—	11	—	—	—	11	561

All Farms
Part 7 of 10

Cattle and 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	
Delaware	590	17 184	5 904	268	116	150	39	8	5	4	4 893
Kent	265	7 855	2 324	114	61	64	17	1	5	3	(D)
New Castle	126	2 776	823	52	24	35	12	3	—	—	—
Sussex	176	6 000	2 620	98	31	32	10	4	—	1	(D)
Farms not on mail list	23	553	138	4	—	19	—	—	—	—	—

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	
Delaware	397	7 272	929	196	96	84	17	1	2	1	(D)
Kent	201	4 354	602	103	47	40	7	1	2	1	(D)
New Castle	69	1 167	111	27	17	22	3	—	—	—	—
Sussex	112	1 582	211	62	21	22	7	—	—	—	—
Farms not on mail list	15	169	6	4	11	—	—	—	—	—	—

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	
Delaware	471	9 912	4 975	293	76	86	7	5	1	3	4 200
Kent	203	3 501	1 722	137	32	27	3	1	1	2	(D)
New Castle	105	1 609	712	54	23	23	3	2	—	—	—
Sussex	140	4 418	2 410	98	21	17	1	2	—	1	(D)
Farms not on mail list	23	384	132	4	—	19	—	—	—	—	—

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	
Delaware	135	5 593	3 124	93	21	14	2	1	1	3	4 200
Kent	49	1 905	1 019	29	9	6	2	—	1	2	(D)
New Castle	34	(D)	(D)	24	6	3	—	1	—	—	—
Sussex	52	(D)	(D)	40	6	5	—	—	—	1	(D)
Farms not on mail list	—	—	—	—	—	—	—	—	—	—	—

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

All Farms
Part 1 of 3

Delaware -----
Kent -----
New Castle -----
Sussex -----
Farms not on mail list -----

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	Sales (\$1,000)	Farms	Number	Sales (\$1,000)
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)
672	63 465	509	10 863	576	52 602	525	13 244	655	104 024	8 613	280	34 109	1 412		
187	10 427	135	1 818	159	8 609	143	2 250	180	17 495	1 227	100	8 560	358		
45	2 880	32	334	40	2 546	33	440	43	4 239	359	16	583	21		
345	47 998	255	8 204	300	39 794	262	9 872	351	78 444	6 825	125	22 657	934		
95	2 160	87	507	77	1 653	87	682	81	3 846	202	39	2 309	99		

Hogs and pigs—inventory per farm

All Farms
Part 2 of 3

Delaware -----
Kent -----
New Castle -----
Sussex -----
Farms not on mail list -----

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	
672	63 465	115	74	172	119	89	37	38	28	32 796	
187	10 427	38	33	41	36	17	10	9	3	(D)	
45	2 880	11	7	12	4	6	3	1	1	(D)	
345	47 998	47	34	77	49	62	24	28	24	28 282	
95	2 160	19	—	42	30	4	—	—	—	—	

Hogs and pigs—sales per farm

All Farms
Part 3 of 3

Delaware -----
Kent -----
New Castle -----
Sussex -----
Farms not on mail list -----

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
655	104 024	8 613	100	246	116	100	45	28	20	43 032
180	17 495	1 227	37	72	32	20	12	5	2	(D)
43	4 239	359	9	21	5	5	2	—	1	(D)
351	78 444	6 825	40	119	71	50	31	23	17	37 532
81	3 846	202	14	34	8	25	—	—	—	—

Table 18. Poultry—Inventory and Sales: 1978

All Farms
Part 1 of 2

Delaware -----
Kent -----
New Castle -----
Sussex -----
Farms not on mail list -----

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
342	570 942	61	158 847	33	310 177	88	530 014	15	374 982	5	195 500
151	(D)	15	48 112	9	115 718	38	114 411	8	248 966	—	—
54	(D)	6	126	4	360	12	(D)	7	126 016	5	195 500
98	343 944	20	109 976	11	193 850	34	351 200	—	—	—	—
39	1 361	20	633	9	249	4	(D)	—	—	—	—

Hens and pullets of laying age—inventory per farm

All Farms
Part 2 of 2

Delaware -----
Kent -----
New Castle -----
Sussex -----
Farms not on mail list -----

Total		Forms 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
342	570 942	253	49	4	2	26	4	2	1	1	(D)
151	(D)	107	27	2	—	11	3	1	—	—	—
54	(D)	38	12	1	—	1	—	1	—	—	—
98	343 944	73	6	1	1	15	—	1	—	1	(D)
39	1 361	35	4	—	—	—	—	—	—	—	—

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
Delaware -----	1 042	148 372 686	22	6	17	41	164	195	571	26	25 584 300
Kent -----	75	8 722 786	13	—	1	2	4	13	42	—	—
New Castle -----	6	1 407	6	—	—	—	—	—	—	—	—
Sussex -----	924	137 072 343	3	6	16	39	132	182	520	26	25 584 300
Farms not on mail list-----	37	2 576 150	—	—	—	—	28	—	9	—	—

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 (\$1,000)	
Delaware -----	33	590	27	412	24	461	22	460	3	27	24
Kent -----	6	146	6	129	4	96	6	171	1	6	4
New Castle -----	10	193	7	144	9	169	7	153	1	9	10
Sussex -----	17	251	14	139	11	196	9	136	1	12	10
Sheep and lambs—Inventory per farm											
All Farms Part 2 of 2	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
	33	590	4	9	4	5	11	—	—	—	—
Kent -----	6	146	1	1	—	1	3	—	—	—	—
New Castle -----	10	193	1	2	2	—	5	—	—	—	—
Sussex -----	17	251	2	6	2	4	3	—	—	—	—

Table 21. Milk Goats—Inventory and Sales: 1978

All Farms	Inventory		Sales							
	Forms	Number	Milk goats			Goat milk				
			Farms	Number	Sales (\$1,000)	Forms	Gallons	Sales (\$1,000)		
Delaware -----	8	23	5	23	1	2	(D)	(D)		
Kent -----	4	8	2	(D)	(D)	—	(D)	(D)		
All other counties -----	4	15	3	(D)	(D)	2	(D)	(D)		

Table 22. Angora Goats—Inventory and Sales: 1978, not shown

Table 23. Mink and Their Pelts—Inventory and Sales: 1978, not shown

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

All Farms	Inventory		Sales							
	Forms	Number	Colonies of bees			Honey				
			Farms	Number	Sales (\$1,000)	Forms	Pounds	Sales (\$1,000)		
Delaware -----	51	601	1	(D)	(D)	30	17 133	13		
Kent -----	17	182	1	(D)	(D)	9	5 290	3		
New Castle -----	12	97	—	—	—	9	3 110	3		
Sussex -----	18	314	—	—	—	12	8 733	8		
Farms not on mail list-----	4	8	—	—	—	—	—	—		

Table 25. Fish Sales: 1978, not shown

Table 26. Miscellaneous Poultry—Inventory and Sales: 1978

All Farms	Inventory		Sales			All Farms	Inventory		Sales	
	Farms	Number	Farms	Number			Farms	Number	Farms	Number
BROILERS										
Delaware	884	30 541 267	1 042	148 372 686		GEES	Delaware	42	305	4 30
Kent	78	1 841 871	75	8 722 786			Kent	15	108	2 (D)
New Castle	14	1 524	6	1 407			New Castle	9	74	—
Sussex	736	27 933 228	924	137 072 343			Sussex	10	83	2 (D)
Farms not on mail list	56	764 644	37	2 576 150			Farms not on mail list	8	40	— —
TURKEYS										
Delaware	23	432	11	(D)		PIGEONS OR SQUAB	Delaware	14	373	1 (D)
Kent	9	161	6	166			All other counties	6	253	1 (D)
All other counties	6	247	5	(D)			Farms not on mail list	8	120	— —
Farms not on mail list	8	24	—	—		PHEASANTS	Delaware	4	(D)	— —
TURKEYS FOR SLAUGHTER										
Delaware	19	378	11	(D)		OTHER POULTRY	Delaware	21	662	8 424
Kent	7	154	6	166			Kent	9	213	3 (D)
All other counties	4	200	5	(D)			Sussex	7	437	5 (D)
Farms not on mail list	8	24	—	—			All other counties	5	12	— —
TURKEY HENS KEPT FOR BREEDING										
Delaware	5	54	—	—		POULTRY HATCHED (SEE TEXT)	Delaware	13	13 461 510	33 143 124 822
DUCKS										
Delaware	97	1 758	20	603			Sussex	9	13 006 810	12 137 190 572
Kent	31	597	6	178			All other counties	4	454 700	21 5 934 250
New Castle	17	328	3	132						
Sussex	28	682	11	293						
Farms not on mail list	21	151	—	—						

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

All Farms	Inventory		Sales			All Farms	Inventory		Sales	
	Farms	Number	Farms	Number			Farms	Number	Farms	Number
HORSES AND PONIES										
Delaware	548	3 471	163	476	1 652	GOATS EXCEPT ANGORA AND MILK	Delaware	16	81	6 17 (Z)
Kent	216	1 390	68	192	355		Kent	6	(D)	1 (D) (D)
New Castle	84	717	28	83	590		New Castle	3	(D)	1 (D) (D)
Sussex	174	855	41	123	277		Sussex	7	50	4 (D) (D)
Farms not on mail list	74	509	26	78	430					
MULES, BURROS, AND DONKEYS										
Delaware	15	27	3	5	1	RABBITS AND THEIR PEELS	Delaware	16	567	6 1 380 5
Kent	10	20	3	5	1		Sussex	3	(D)	4 (D) (D)
All other counties	5	7	—	—	—		All other counties	4	(D)	2 (D) (D)
							Farms not on mail list	9	22	— — —

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

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated								
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres							
CORN FOR GRAIN OR SEED (BUSHELS)																		
Delaware	1 671	157 834	15 100 658	80	12 211	Kent	468	25 189	1 109 362	5	162							
Kent	531	45 820	4 428 868	21	(D)	New Castle	188	9 519	416 287	1	(D)							
New Castle	248	34 195	3 485 654	2	(D)	Sussex	51	2 141	105 922	1	(D)							
Sussex	821	76 502	7 065 851	57	9 200	Farms not on mail list	225	13 473	585 953	3	92							
Farms not on mail list	71	1 317	120 285	—	—	—	4	56	1 200	—	—							
SORGHUMS FOR GRAIN OR SEED (BUSHELS)																		
Delaware	8	156	6 628	—	—	OATS FOR GRAIN (BUSHELS)	Delaware	128	1 613	62 593	—	—						
WHEAT FOR GRAIN (BUSHELS)																		
Delaware	385	16 423	576 890	2	(D)	Kent	83	992	43 209	—	—							
Kent	162	7 363	245 802	—	—	New Castle	14	182	4 684	—	—							
New Castle	70	3 207	132 621	—	—	Sussex	10	204	5 475	—	—							
Sussex	138	5 636	193 607	2	(D)	Farms not on mail list	21	235	9 225	—	—							
Farms not on mail list	15	217	4 860	—	—	RYE FOR GRAIN (BUSHELS)												
Delaware	42	658	16 580	—	—	Kent	16	367	9 905	—	—	Sussex	26	291	6 675	—	—	—

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

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated								
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres							
SOYBEANS FOR BEANS (BUSHELS)																		
Delaware	2 199	264 053	7 546 419	31	2 116	IRISH POTATOES (HUNDREDWEIGHT)	Delaware	56	6 103	1 269 668	27	4 477						
Kent	651	78 128	2 186 801	10	634	Kent	31	5 028	1 080 869	20	3 967							
New Castle	231	32 100	938 189	1	(D)	New Castle	11	993	181 680	6	(D)							
Sussex	1 242	152 135	4 376 272	20	(D)	Sussex	14	82	7 119	1	(D)							
Farms not on mail list	75	1 690	45 157	—	—	SWEETPOTATOES (BUSHELS)												
Delaware	9	(D)	(D)	—	—	Sussex	9	(D)	(D)	—	—	All other counties	6	411	(D)	—	—	—
Farms not on mail list	6	(D)	(D)	—	—	All other counties	3	(D)	(D)	—	—	—	—	—	—	—	—	—

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

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated								
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres							
FIELD SEED CROPS																		
Delaware	7	236	(X)	—	—	SMALL GRAIN HAY (TONS, DRY)	Delaware	89	2 480	2 851	—	—						
Kent	3	(D)	(X)	—	—	Kent	37	352	482	—	—							
All other counties	4	(D)	(X)	—	—	New Castle	16	363	560	—	—							
RED CLOVER SEED (POUNDS)																		
Delaware	7	232	33 870	—	—	Sussex	31	1 725	1 794	—	—							
Kent	3	(D)	(D)	—	—	Farms not on mail list	5	40	15	—	—							
All other counties	4	(D)	(D)	—	—	OTHER TAME DRY HAY (TONS, DRY) (SEE TEXT)												
Delaware	737	21 845	47 035	7	75	Delaware	462	8 140	16 303	2	(D)	Kent	229	3 737	7 586	—	—	
Kent	330	7 875	18 599	2	(D)	New Castle	111	3 004	6 025	—	—	Sussex	113	1 303	2 436	2	(D)	
New Castle	169	7 983	16 759	—	—	Farms not on mail list	9	96	256	—	—	All other counties	9	96	256	—	—	—
Sussex	204	5 315	11 081	5	(D)	WILD HAY (TONS, DRY)												
Farms not on mail list	34	672	596	—	—	Delaware	41	1 703	1 836	—	—	Kent	16	84	113	—	—	—
ALFALFA HAY (TONS, DRY)												Kent	20	1 597	1 696	—	—	—
Delaware	358	6 960	20 174	5	55	Sussex	5	22	27	—	—	New Castle	5	22	27	—	—	—
Kent	159	2 383	7 567	2	(D)	All other counties	—	—	—	—	—	Sussex	—	—	—	—	—	—
New Castle	81	2 476	7 313	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sussex	93	1 565	4 969	3	(D)	—	—	—	—	—	—	—	—	—	—	—	—	—
Farms not on mail list	25	536	325	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres		CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)	Farms	Acres	Quantity	Farms
GRASS SILAGE AND HAYLAGE (TONS, GREEN)											
Delaware -----	70	1 778	12 318	1	(D)	Delaware -----	224	10 021	144 776	1	(D)
Kent -----	39	926	5 761	1	(D)	Kent -----	148	4 240	57 140	1	(D)
New Castle-----	18	356	2 214	—	—	New Castle-----	42	1 836	27 919	—	—
Sussex -----	13	496	4 343	—	—	Sussex -----	34	3 945	59 717	—	—
HAY CROPS CUT AND FED GREEN (TONS, GREEN)											
Delaware -----	48	784	5 213	—	—	Delaware -----	49	857	14 648	1	(D)
Kent -----	23	393	2 744	—	—	Kent -----	32	459	6 553	—	—
New Castle-----	15	187	1 261	—	—	New Castle-----	8	123	2 460	—	—
Sussex -----	10	204	1 208	—	—	Sussex -----	9	275	5 635	1	(D)

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

All Farms	Harvested		Irrigated		All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres		CARROTS	Farms	Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)									
Delaware -----	390	35 582	124	14 066	Delaware -----	9	941	2	(D)
Kent -----	124	16 638	48	7 198	Kent -----	4	(D)	1	(D)
New Castle-----	41	1 077	6	381	All other counties -----	5	(D)	1	(D)
Sussex -----	216	17 845	70	6 486					
Farms not on mail list-----	9	21	—	—	CAULIFLOWER	8	108	7	(D)
ALL VEGETABLES HARVESTED (SEE TEXT)									
Delaware -----	390	41 059	124	15 320	Delaware -----	53	1 814	21	1 569
Kent -----	124	20 045	48	7 943	Kent -----	18	1 504	9	1 336
New Castle-----	41	1 383	6	543	New Castle-----	4	1	—	—
Sussex -----	216	19 610	70	6 834	Sussex -----	27	301	12	233
Farms not on mail list-----	9	21	—	—	Farms not on mail list-----	4	8	—	—
ASPARAGUS									
Delaware -----	10	2 334	1	(D)	EGGPLANT	9	7	1	(D)
Kent -----	7	2 322	—	—	Delaware -----	5	1	—	—
All other counties -----	3	12	1	(D)	New Castle-----	4	6	1	(D)
BEANS, GREEN LIMA									
Delaware -----	78	11 983	14	932	LETTUCE AND ROMAINE	4	2	2	(D)
Kent -----	19	4 416	3	115	Delaware -----	8	2	—	—
New Castle-----	7	(D)	—	—	All other counties -----	4	1	—	—
Sussex -----	48	(D)	11	817	Farms not on mail list-----	4	1	—	—
Farms not on mail list-----	4	6	—	—					
BEANS, SNAP (BUSH AND POLE)									
Delaware -----	83	5 323	30	2 356	ONIONS, DRY	7	2	2	(D)
Kent -----	25	2 944	14	1 305	Delaware -----	8	2	—	—
New Castle-----	11	(D)	1	(D)	All other counties -----	4	1	—	—
Sussex -----	43	(D)	15	(D)	Farms not on mail list-----	4	1	—	—
Farms not on mail list-----	4	1	—	—					
BROCCOLI									
Delaware -----	5	2	2	(D)	OKRA	7	2	2	(D)
HEAD CABBAGE									
Delaware -----	21	(D)	11	(D)	PEAS, GREEN, EXCLUDING GREEN COWPEAS	74	9 586	41	4 615
Kent -----	12	(D)	10	(D)	Delaware -----	26	5 133	14	2 409
New Castle-----	5	4	1	(D)	Kent -----	6	297	2	(D)
Sussex -----	4	2	—	—	New Castle-----	38	4 155	25	(D)
Farms not on mail list-----	—	—	—	—	Farms not on mail list-----	4	1	—	—
CANTALOUPS AND PERSIAN MELONS									
Delaware -----	69	303	28	103	PEPPERS, HOT	33	79	3	11
Sussex -----	51	246	20	83	Delaware -----	26	70	3	11
All other counties -----	18	57	8	20	Kent -----	7	10	—	—
ONIONS, DRY									
PEAS, GREEN, EXCLUDING GREEN COWPEAS									
PEPPERS, HOT									

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

All Farms	Harvested		Irrigated		All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres		Farms	Acres	Farms	Acres
PEPPERS, SWEET									
Delaware	57	869	24	489	Delaware	79	877	24	454
Kent	19	101	7	59	Kent	18	298	8	(D)
New Castle	9	3	—	—	New Castle	16	98	3	(D)
Sussex	29	765	17	430	Sussex	45	482	13	103
PUMPKINS									
Delaware	22	56	3	(D)	Delaware	9	8	3	(D)
Sussex	14	30	—	—	Sussex	5	6	1	(D)
All other counties	8	26	3	(D)	All other counties	4	2	2	(D)
SQUASH									
Delaware	16	(D)	5	(D)	Delaware	9	29	3	(D)
Kent	3	(D)	1	(D)	New Castle	3	5	—	—
New Castle	4	1	—	—	Sussex	6	24	3	(D)
Sussex	9	13	4	9					
SWEET CORN									
Delaware	136	4 329	47	2 793	Delaware	115	1 310	33	559
Kent	33	1 847	14	(D)	Sussex	100	1 215	29	517
New Castle	31	537	2	(D)	All other counties	15	95	4	43
Sussex	68	1 942	31	1 458					
Farms not on mail list	4	2	—	—	Delaware	7	39	6	37

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									
Delaware	58	1 113	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Kent	22	628	(X)	(X)	(X)	(X)	(X)	(X)	(X)
New Castle	14	34	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Sussex	13	424	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Farms not on mail list	9	27	(X)	(X)	(X)	(X)	(X)	(X)	(X)
APPLES									
Delaware	34	760	59 875	13	(D)	31	44 404	18	14 617 301
Kent	10	489	34 967	4	(D)	10	(D)	9	8 435 220
New Castle	11	(D)	552	6	(D)	8	(D)	4	(D)
Sussex	8	(D)	24 291	3	(D)	8	(D)	5	(D)
Farms not on mail list	5	1	65	—	—	5	65	—	—
CERRIES									
Delaware	9	2	103	4	13	6	90	6	1 173
Kent	4	1	88	1	(D)	4	(D)	4	(D)
All other counties	5	1	15	3	(D)	2	(D)	2	(D)
GRAPES (FRESH WEIGHT) (SEE TEXT)									
Delaware	30	29	13 956	19	1 481	27	12 475	17	86 368
Kent	10	19	9 211	5	675	10	8 536	8	66 026
New Castle	8	4	2 133	6	178	6	1 955	4	8 000
Sussex	7	5	2 362	3	603	6	1 759	5	12 342
Farms not on mail list	5	1	250	5	25	5	225	—	—
PEACHES									
Delaware	37	315	22 853	11	2 997	34	19 856	20	2 505 655
Kent	12	(D)	11 139	5	2 601	12	8 538	9	(D)
New Castle	7	(D)	849	4	(D)	4	(D)	3	(D)
Sussex	9	163	10 005	2	(D)	9	(D)	8	1 213 585
Farms not on mail list	9	25	860	—	—	9	860	—	—

Table 32. Fruits and Nuts: 1978—Con.

All Farms	Total			Nonbearing age		Bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Farms	Pounds
PEARS									
Delaware	13	3	196	5	73	12	123	2	(D)
Kent	4	1	95	3	(D)	3	(D)	1	(D)
All other counties	4	1	71	2	(D)	4	(D)	1	(D)
Farms not on mail list	5	1	30	—	—	5	30	—	—
PLUMS AND PRUNES (FRESH WEIGHT) (SEE TEXT)									
— Delaware	8	2	127	1	(D)	8	(D)	1	(D)
All other counties	3	1	87	1	(D)	3	(D)	1	(D)
Farms not on mail list	5	1	40	—	—	5	40	—	—

Table 33. Berries: 1978

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
STRAWBERRIES (POUNDS)					
Delaware	46	94	290 788	17	50
Kent	22	44	134 790	10	27
New Castle	11	23	(D)	2	(D)
Sussex	13	27	(D)	5	(D)

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

All Farms	Sq. ft. under glass or other protection			Sales (\$1,000)	All Farms	Sq. ft. under glass or other protection			Sales (\$1,000)
	Farms	Acres	Acres in open			Farms	Acres	Acres in open	
ALL NURSERY AND GREENHOUSE PRODUCTS (SEE TEXT)									
Delaware	113	1 662 542	1 889	8 052	Delaware	40	212 445	26	530
Kent	35	83 240	485	1 449	Kent	11	21 735	5	59
New Castle	45	1 361 440	433	4 318	New Castle	13	74 800	8	214
Sussex	33	217 862	971	2 286	Sussex	16	115 910	13	257
BEDDING PLANTS									
Delaware	34	119 639	(D)	491	Delaware	15	1 228 880	(X)	3 278
Kent	12	34 705	—	69	New Castle	15	1 228 880	(X)	3 278
New Castle	9	23 300	(D)	255					
Sussex	13	61 634	(D)	167					
BULBS									
Delaware	5	9 200	(Z)	6	Delaware	40	52 328	1 767	3 523
CUT FLOWERS AND CUT FLORIST GREENS									
Delaware	8	(D)	(D)	58	Kent	14	(D)	(D)	(D)
Kent	3	—	(D)	(D)	New Castle	12	(D)	(D)	(D)
New Castle	5	(D)	(D)	(D)	Sussex	14	22 868	945	1 835
VEGETABLE AND FLOWER SEEDS									
Delaware	3	4 300	—	5	Delaware	6	18 050	(X)	34
GREENHOUSE VEGETABLES									
Delaware	—	—	—	—					

Table 35. Other Crops: 1978

All Farms	Harvested			Irrigated		
	Farms	Acres	Quantity		Farms	Acres
CORN CUT FOR DRY FODDER, HOGGED OR GRAZED						
Delaware	7	47	(X)	—	—	—

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		
	Farms	Land in farms (acres)	Total acres held	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)	Farms	Land in farms (acres)	Farms	Land in farms (acres)
				Farms	Acres	Farms	Acres						
Delaware -----	8	1 619	1 184	8	1 184	-	-	7	2 112	3 294	630 264	323	45 050
Sussex -----	4	396	360	4	360	-	-	4	371	1 711	325 558	223	26 409
All other counties -----	4	1 223	824	4	824	-	-	3	1 741	1 583	304 706	100	18 641

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
			Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Delaware -----	400	1 472	57	42	66	164	40	18	3	10
Kent -----	138	498	23	19	20	52	12	8	1	3
New Castle -----	52	170	8	-	8	29	5	-	-	2
Sussex -----	210	804	26	23	38	83	23	10	2	5

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
			Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Delaware -----	193	1 188	36	26	31	68	15	4	4	9
Kent -----	76	300	12	12	16	29	4	1	-	2
New Castle -----	49	291	9	7	8	16	2	3	1	3
Sussex -----	64	581	15	7	7	19	9	-	3	4
Farms not on mail list -----	4	16	-	-	-	4	-	-	-	-

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

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

All Farms	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		
					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
Delaware -----	92	8 604	74	6 513	1 510	7	23	10	20	26
Sussex -----	59	4 839	54	3 687	1 015	7	20	5	7	14
All other counties -----	15	3 737	15	2 821	465	-	3	5	4	3
Farms not on mail list -----	18	28	5	5	30	-	-	-	9	9

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
Delaware -----	54	1 356	769	30	6 381	4 881	8	867	863
Sussex -----	28	931	551	23	3 041	2 273	8	867	863
All other counties -----	8	397	213	7	3 340	2 608	-	-	-
Farms not on mail list -----	18	28	5	-	-	-	-	-	-

Table 41. Operators by Selected Racial Groups: 1978

	All farms		Farms with sales of \$2,500 or more			All farms		Farms with sales of \$2,500 or more	
	Farms	Land in farms	Farms	Land in farms		Farms	Land in farms	Farms	Land in farms
	BLACK				AMERICAN INDIAN				
Delaware -----	60	4 378	39	4 007	Delaware -----	19	3 043	15	3 011
Sussex -----	29	1 978	21	1 773	ALL OTHER RACES (SEE TEXT)				
All other counties -----	13	2 372	9	2 220	Delaware -----	13	1 183	11	1 146
Farms not on mail list-----	18	28	9	14	Sussex -----	13	1 183	11	1 146

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	
	Spanish Origin				
Delaware -----	24	3 495	18	3 440	
Sussex -----	13	1 587	12	(D)	
All other counties -----	6	(D)	6	(D)	
Farms not on mail list-----	5	(D)	-	-	

Table 43. Female Operators: 1978

	All farms		Farms with sales of \$2,500 or more		
	Farms	Land in farms	Farms	Land in farms	
	Female Operators				
Delaware -----	230	16 081	201	15 149	
Kent -----	40	3 470	34	3 181	
New Castle -----	26	2 911	20	2 610	
Sussex -----	143	8 418	138	8 172	
Farms not on mail list-----	21	1 282	9	1 186	

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	3 632	679 045	3 400	630 605	3 185	662 647	2 988	613 573
Average size of farm	(X)	187	(X)	185	(X)	208	(X)	205
Approximate land area	(X)	1 268 480	(X)	1 268 416	(X)	1 268 480	(X)	1 268 416
Proportion in farms percent	(X)	53.5	(X)	49.7	(X)	52.2	(X)	48.4
Value of land and buildings: ¹								
Average per farm	270 381	(X)	180 023	(X)	299 858	(X)	197 850	(X)
Average per acre		1 500		971		1 487		963
Land in farms according to use:								
Total cropland	3 114	536 077	2 912	485 727	2 709	527 312	2 521	477 519
Harvested cropland	2 944	500 417	2 792	451 752	2 586	495 466	2 456	447 489
By acres harvested:								
1 to 9 acres	363	1 588	289	(NA)	203	783	145	(NA)
10 to 19 acres	308	4 101	284	(NA)	188	2 556	145	(NA)
20 to 29 acres	246	5 840	250	(NA)	196	4 711	213	(NA)
30 to 49 acres	367	13 899	347	(NA)	346	13 166	335	(NA)
50 to 99 acres	516	36 046	540	(NA)	511	(D)	538	(NA)
100 to 199 acres	458	65 222	472	(NA)	456	(D)	470	(NA)
200 to 499 acres	438	134 490	396	(NA)	438	134 490	396	(NA)
500 to 999 acres	175	123 161	154	(NA)	175	123 161	154	(NA)
1,000 acres or more	73	116 070	60	(NA)	73	116 070	60	(NA)
Cropland used only for pasture	771	18 662	734	20 751	641	16 196	580	17 919
Other cropland	628	16 998	436	13 224	550	15 650	383	12 111
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	129	3 779	(NA)	(NA)	108	3 056	145	3 347
Cropland on which all crops failed	126	1 805	(NA)	(NA)	103	1 684	83	2 056
Cropland in cultivated summer fallow	43	1 580	(NA)	(NA)	29	1 500	23	1 073
Cropland idle	417	9 834	(NA)	(NA)	379	9 410	196	5 635
Total woodland	1 745	103 878	1 573	100 394	1 535	98 401	1 382	94 125
Woodland pastured	266	7 770	(NA)	(NA)	231	7 278	222	11 751
Woodland not pastured	1 574	96 108	(NA)	(NA)	1 384	91 123	1 217	82 374
Other land	2 427	39 090	2 316	44 484	2 131	36 934	2 044	41 929
Pastureland and rangeland, other than cropland and woodland pastured	241	8 754	(NA)	(NA)	211	8 266	199	5 827
Land in house lots, ponds, roads, wasteland, etc	2 377	30 336	(NA)	(NA)	2 089	28 668	1 992	36 102
Pastureland, all types	1 063	35 186	(NA)	(NA)	897	31 740	(NA)	35 497
Irrigated land	255	33 725	154	19 879	238	33 631	142	19 797
Harvested cropland irrigated	252	33 429	(NA)	(NA)	238	33 359	138	19 571
Pastureland irrigated	9	196	(NA)	(NA)	7	(D)	(NA)	47
Other land irrigated	6	100	(NA)	(NA)	5	(D)	4	179
Land set aside in the federal farm programs in 1978	238	5 441	(X)	(X)	235	5 428	(X)	(X)

¹1978 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	3 632	326 003	3 400	250 902	3 185	325 180	2 988	250 158
Average per farm	(X)	89 759	(X)	73 795	(X)	102 097	(X)	83 721
Farms by value of agricultural products sold: ¹								
\$100,000 or more	946	262 229	679	(NA)	946	262 229	679	(NA)
\$40,000 to \$99,999	621	40 976	734	(NA)	621	40 976	734	(NA)
\$20,000 to \$39,999	424	11 957	447	(NA)	424	11 957	447	(NA)
\$10,000 to \$19,999	411	5 784	417	(NA)	411	5 784	417	(NA)
\$5,000 to \$9,999	425	2 949	402	(NA)	425	2 949	402	(NA)
\$2,500 to \$4,999	358	1 286	281	(NA)	358	1 286	281	(NA)
Less than \$2,500 (see text)	444	562	437	(NA)	(X)	(X)	28	(NA)
\$2,000 to \$2,499	91	199	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	104	178	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	95	112	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	154	73	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	3	262	3	(NA)	(X)	(X)	(X)	(X)
Crops	2 736	103 396	2 665	93 526	2 453	102 974	(NA)	93 106
Grains	2 479	71 433	(NA)	(NA)	2 267	71 117	2 224	66 605
Commodity Credit Corporation loans	82	551	(NA)	(NA)	80	(D)	(NA)	(NA)
Cotton and cottonseed	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Tobacco	-	-	(NA)	(NA)	-	-	-	-
Field seeds, hay, forage, and silage	255	821	(NA)	(NA)	206	778	241	562
Vegetables, sweet corn, and melons	389	15 994	(NA)	(NA)	352	15 965	301	13 332
Fruits, nuts, and berries	56	1 502	(NA)	(NA)	44	1 492	43	1 190
Nursery and greenhouse products	113	8 052	109	5 644	98	8 028	86	5 620
Other crops	50	5 595	(NA)	(NA)	50	5 595	59	5 797
Livestock, poultry, and their products	2 077	222 607	1 904	156 816	1 894	222 205	1 733	156 493
Poultry and poultry products	1 205	194 391	1 194	138 421	1 174	194 347	1 152	138 337
Dairy products	222	11 998	(NA)	(NA)	218	11 873	222	8 783
Cattle and calves	590	5 904	(NA)	(NA)	533	5 829	555	3 311
Hogs and pigs	655	8 613	(NA)	(NA)	564	8 505	471	5 274
Sheep, lambs, and wool	27	24	(NA)	(NA)	23	19	29	28
Other livestock and livestock products (see text)	209	1 677	(NA)	(NA)	158	1 632	80	760

¹1974 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									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	3 632	3 400	679 045	2 944	665 671	500 417	255	138 440	106 632	33 725
Farms with—										
1 to 9 acres	584	507	2 156	166	785	537	32	154	93	70
10 to 49 acres	892	788	22 561	692	18 440	12 258	33	804	451	241
50 to 69 acres	281	286	16 180	255	14 730	9 712	12	704	432	240
70 to 99 acres	324	328	26 784	306	25 325	15 926	8	634	397	192
100 to 139 acres	301	322	34 901	289	33 490	22 033	7	751	506	238
140 to 179 acres	213	194	33 412	206	32 312	21 018	13	1 989	1 512	825
180 to 219 acres	192	178	38 378	189	37 787	25 249	11	2 178	1 632	520
220 to 259 acres	134	132	31 870	133	31 625	23 207	10	2 331	1 961	568
260 to 499 acres	379	354	134 937	377	134 111	101 190	48	18 084	13 953	5 366
500 to 999 acres	227	225	156 410	226	155 610	126 667	49	35 708	30 091	10 475
1,000 to 1,999 acres	83	69	109 181	83	109 181	91 863	20	28 348	24 935	7 835
2,000 acres or more	22	17	72 275	22	72 275	50 757	12	46 755	30 669	7 155

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	3 632	679 045	3 400	630 605	3 185	662 647	2 988	613 573	
Harvested cropland	2 944	500 417	2 792	451 752	2 586	495 466	2 456	447 489	
Tenure of operator:									
Full owners	2 144	182 780	2 088	191 039	1 779	168 501	1 734	176 198	
Harvested cropland	1 500	99 504	(NA)	103 875	1 210	95 663	(NA)	100 328	
Part owners	1 087	424 943	904	363 065	1 044	423 594	879	361 810	
Harvested cropland	1 076	336 969	(NA)	281 762	1 036	336 365	(NA)	281 467	
Tenants	401	71 322	408	76 501	362	70 552	375	75 565	
Harvested cropland	368	63 944	(NA)	66 115	340	63 438	(NA)	65 694	
Type of organization:									
Individual or family	3 178	479 300	(NA)	(NA)	2 754	464 851	2 671	456 319	
Partnership	291	83 032	(NA)	(NA)	278	82 516	233	79 378	
Corporation	150	113 978	(NA)	(NA)	144	113 521	79	77 263	
Other—cooperative, estate or trust, institutional, etc.	13	2 735	(NA)	(NA)	9	1 759	5	613	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974			1978	1974	1978	1974
Operators by principal occupation:									
Farming	2 079	2 189	1 961	2 073	Operators by place of residence:				
Other	1 553	1 124	1 224	831	On farm operated	2 756	2 150	2 416	1 901
Operators by age group:					Not on farm operated	486	399	432	353
Under 25 years	122	60	115	52	Not reported	390	764	337	650
25 to 34 years	474	335	414	278	Operators reporting days of work off farm:				
35 to 44 years	725	584	618	501	None	1 576	1 225	1 456	1 139
45 to 54 years	870	907	774	806	1 to 49 days	232	137	217	125
55 to 64 years	871	806	780	735	50 to 99 days	108	76	98	67
65 years and over	570	621	484	532	100 to 149 days	99	78	88	68
Average age	49.9	51.9	49.8	52.1	150 to 199 days	223	112	188	96
					200 days or more	1 221	984	980	754

¹Applies 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	1 724	37 128	1 600	30 263	1 604	36 974	1 476	30 205
Feed for livestock and poultry	2 051	121 055	1 917	94 366	1 846	120 736	1 709	94 180
Commercially mixed formula feeds	1 599	117 592	1 730	88 684	1 507	117 423	1 587	88 538
Animal health costs	1 565	2 462	(NA)	(NA)	1 452	2 409	1 255	1 784
Seeds, bulbs, plants, and trees	2 407	5 625	2 251	4 735	2 171	5 579	2 023	4 707
Commercial fertilizer	2 585	14 246	2 328	14 488	2 260	14 127	2 042	14 393
Other agricultural chemicals including lime	2 632	6 920	1 822	5 020	2 347	6 865	1 671	4 993
Hired farm labor	1 648	15 194	1 164	11 802	1 553	14 986	1 121	11 676
Contract labor	268	1 501	122	1 309	257	1 491	118	1 308
Customwork, machine hire, and rental of machinery and equipment	1 728	2 436	1 550	1 854	1 605	2 403	1 417	1 826
Energy and petroleum products	3 613	10 621	(NA)	(NA)	3 158	10 417	(NA)	(NA)
Petroleum products	3 611	8 159	3 283	5 705	3 156	8 016	2 929	5 630
Gasoline	3 401	3 724	(NA)	(NA)	2 950	3 626	2 828	3 095
Diesel fuel	1 596	2 236	(NA)	(NA)	1 558	2 227	1 110	1 125
LP gas, butane, and propane	592	1 233	(NA)	(NA)	579	1 214	501	639
Fuel oil	308	380	(NA)	(NA)	294	(D)		
Natural gas	33	28	(NA)	(NA)	31	(D)	2 924	771
Kerosene, motor oil, and grease	3 611	558	(NA)	(NA)	3 156	542	(NA)	(NA)
Electricity	2 343	2 449	(NA)	(NA)	2 205	2 388	(NA)	(NA)
Other—coal, wood, coke, etc.	61	14	(NA)	(NA)	56	13	(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 forms		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	2 540	413 181	2 220	408 962	2 042	390 091
Cropland fertilized, except pasture	2 521	406 495	2 210	402 571	(NA)	384 876
Pasture and rangeland fertilized	289	6 686	246	6 391	(NA)	5 215
Lime	1 194	108 755	1 090	107 568	807	92 993
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	1 146	187 234	1 032	186 551	(NA)	120 914
Nematodes in crops	123	16 935	116	16 918	18	1 778
Diseases in crops and orchards	127	15 781	115	15 753	51	9 173
Weeds, grass, or brush in crops and pasture	2 017	361 136	1 820	357 730	(NA)	261 184
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	84	3 601	79	3 552	15	1 391
Insect control on livestock and poultry	513	(X)	469	(X)	77	(X)
Sanitation and rodent and bird control	564	(X)	506	(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 MACHINERY AND EQUIPMENT	All forms		Forms with sales of \$2,500 or more		ALL MACHINERY AND EQUIPMENT—Con.	All forms		Forms with sales of \$2,500 or more	
	1978	1974	1978	1974		1978	1974	1978	1974
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Estimated market value of all machinery and equipment—	3 632	3 158	3 167	2 790	Estimated market value of all machinery and equipment—Con.				
forms	\$1,000.		143 141	86 213	\$20,000 to \$29,999	411	402	404	384
Average per farm—	dollars		39 411	27 300	\$30,000 to \$49,999	427	658	407	650
Form by value group:					\$50,000 to \$69,999	259	173	254	172
\$1 to \$4,999	353	502	238	384	\$70,000 to \$99,999	198	198	198	198
\$5,000 to \$9,999	773	560	497	400	\$100,000 to \$199,999	282	247	281	245
\$10,000 to \$19,999	821	616	781	555	\$200,000 or more	108	107	107	107
SELECTED MACHINERY AND EQUIPMENT	1978								
Automobiles	2 591	3 848	1 496	1 869	Hired workers—All forms, 1978				
Motortrucks including pickups	3 021	6 485	1 512	2 148	Working 150 days or more				
Wheel tractors	3 219	8 720	1 015	1 593	Working less than 150 days				
Grain and bean combines, self-propelled only	1 156	1 351	374	429	Any hired workers—				
Corn heads for combines	925	1 035	319	354	Forms with sales of \$2,500 or more				
Other cornpickers and picker-shellers	438	466	32	37					
Cottonpickers	555	603	205	218					
Mower conditioners	582	618	161	162					
Pickup balers	240	282	63	70					
Field forage harvesters, shear bar or flywheel type									

Table 8. Hired Farm Workers: 1978 and 1974

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

Forms	Hired workers—All forms, 1978					Any hired workers—
	Workers	Working 150 days or more		Working less than 150 days		
		Any	Farms	Workers	Farms	Forms with sales of \$2,500 or more
Workers	1 648	713	(X)	1 379	(X)	1 553
	8 800	(X)	2 087	(X)	6 713	8 616
Farms with—						
1 worker	421	386	386	369	369	375
2 workers	309	111	222	267	534	277
3 or 4 workers	352	108	352	263	903	339
5 to 9 workers	334	78	470	318	2 075	331
10 workers or more	232	30	657	162	2 832	231

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

	All forms				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	2 103	(X)	1 832	(X)	1 847	(X)	1 628	(X)
Any cattle, hogs, or sheep	1 114	(X)	1 053	(X)	954	(X)	908	(X)
Sales:								
Any livestock or poultry and their products	2 077	222 607	1 904	156 816	1 894	222 205	1 733	156 493
Any cattle, hogs, or sheep	1 048	14 541	983	(NA)	915	14 353	859	8 613
CATTLE AND CALVES								
Inventory:								
Cattle and calves	717	29 325	782	30 615	610	28 458	660	29 445
Cows and heifers that had calved	572	15 167	607	15 417	498	14 805	517	14 859
Beef cows	312	4 182	339	4 711	265	3 958	267	4 319
Milk cows	318	10 985	341	10 706	284	10 847	305	10 540
Heifers and heifer calves	458	9 186	(NA)	(NA)	416	8 887	415	8 842
Steers, steer calves, bulls and bull calves	497	4 972	(NA)	(NA)	429	4 766	464	5 744
Sales:								
Cattle and calves	590	17 184	632	14 293	533	16 857	555	13 886
\$1,000	(X)	5 904	(X)	(NA)	(X)	5 829	(X)	3 311
Calves	397	7 272	(NA)	(NA)	363	7 094	372	5 958
\$1,000	(X)	929	(X)	(NA)	(X)	909	(X)	472
Cattle	471	9 912	(NA)	(NA)	435	9 763	439	7 928
\$1,000	(X)	4 975	(X)	(NA)	(X)	4 920	(X)	2 840
Fattened cattle	135	5 593	(NA)	(NA)	119	5 555	101	4 304
\$1,000	(X)	3 124	(X)	(NA)	(X)	3 108	(X)	1 757
Dairy products	222	11 998	(NA)	(NA)	218	11 873	222	8 783
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	672	63 465	534	42 955	572	61 155	457	42 076
Used or to be used for breeding	509	10 863	(NA)	(NA)	432	10 438	311	6 736
Other hogs and pigs	576	52 602	(NA)	(NA)	498	50 717	388	35 340
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	525	13 244	385	9 448	447	12 844	341	9 257
Dec. 1 of preceding year and May 31	457	6 063	322	4 507	399	5 859	289	4 412
June 1 and Nov. 30	462	7 181	320	4 941	403	6 985	285	4 845
Sheep and lambs	33	590	42	1 443	29	526	32	1 225
Ewes 1 year old or older	27	412	(NA)	(NA)	23	359	28	651
Goats	24	111	(NA)	(NA)	19	87	14	67
Horses and ponies	548	3 471	379	2 438	426	2 587	280	2 012
Sales:								
Hogs and pigs	655	104 024	534	82 422	564	101 693	471	81 213
\$1,000	(X)	8 613	(X)	(NA)	(X)	8 505	(X)	5 274
Feeder pigs	280	34 109	198	18 879	248	32 865	172	18 227
\$1,000	(X)	1 412	(X)	(NA)	(X)	1 363	(X)	410
Sheep and lambs	24	461	36	901	20	400	28	795
Sheep and lambs shorn	22	460	(NA)	(NA)	18	404	22	583
Pounds of wool	(X)	3 362	(X)	(NA)	(X)	2 879	(X)	4 701
Sheep, lambs, and wool	27	24	(NA)	(NA)	23	19	7	31
Goats	11	40	(NA)	(NA)	10	(D)	(X)	1
Horses and ponies	163	476	84	363	131	409	64	290
\$1,000	(X)	1 652	(X)	(NA)	(X)	1 615	(X)	748
POULTRY								
Inventory:								
Any poultry	1 217	(X)	1 070	(X)	1 133	(X)	990	(X)
Chickens 3 months old or older	361	729 789	315	701 871	288	727 376	235	696 991
Hens and pullets of laying age	342	570 942	295	476 998	276	568 853	223	472 962
Pullets 3 months old or older	61	158 847	(NA)	(NA)	50	158 523	25	198 959
Pullet chicks and pullets under 3 months old	33	310 177	(NA)	(NA)	26	309 898	10	94 607
Broilers and other meat-type chickens	884	30 541 267	770	25 447 801	866	30 519 111	756	25 446 940
Turkeys	23	432	(NA)	(NA)	10	374	10	716
Turkeys for slaughter	19	378	(NA)	(NA)	10	(D)	10	(D)
Turkey hens kept for breeding	5	54	(NA)	(NA)	1	(D)	1	(D)
Other poultry	127	(X)	(NA)	(X)	85	(X)	32	(X)
Sales:								
Any poultry	1 167	(X)	1 146	(X)	1 146	(X)	1 119	(X)
Chickens 3 months old or older	103	904 996	118	789 391	95	904 597	96	787 987
Hens and pullets of laying age	88	530 014	103	489 572	80	529 615	84	488 383
Pullets 3 months old or older	15	374 982	(NA)	(NA)	15	374 982	14	276 100
Pullet chicks and pullets under 3 months old	5	195 500	(NA)	(NA)	5	195 500	3	131 800
Broilers and other meat-type chickens	1 042	148 372 686	1 021	124 447 551	1 033	148 324 464	1 014	124 372 990
Turkeys	11	(D)	(NA)	(NA)	10	(D)	12	319 584
Turkeys for slaughter	11	(D)	(NA)	(NA)	10	(D)	12	319 584
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—	—
Other poultry	29	(X)	(NA)	(X)	23	(X)	18	(X)
Poultry and poultry products	1 205	194 391	1 194	138 421	1 174	194 347	1 152	138 337

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 -----	1 698	167 902	(X)	80	(D)	1 591	166 846	(X)	78	(D)
1974-----	1 798	158 655	(X)	(NA)	(NA)	1 677	157 503	(X)	21	1 428
For grain or seed (bushels) -----	1 671	157 834	15 100 658	80	12 211	1 569	156 876	15 029 165	78	(D)
1974-----	1 751	150 931	10 805 497	(NA)	(NA)	1 633	149 893	10 756 060	20	1 416
For silage or green chop (tons, green) -----	224	10 021	144 776	1	(D)	219	(D)	143 175	1	(D)
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	233	7 256	98 437	1	(D)
For fodder, hogged or grazed -----	7	47	(X)	—	—	4	(D)	(X)	—	—
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	29	354	(X)	—	—
Sorghums for all purposes -----	56	1 013	(X)	1	(D)	54	(D)	(X)	1	(D)
1974-----	44	714	(X)	(NA)	(NA)	39	691	(X)	—	—
For grain or seed (bushels) -----	8	156	6 628	—	—	8	156	6 628	—	—
1974-----	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	—	(D)
For silage or green chop (tons, green) -----	49	857	14 648	1	(D)	47	(D)	(D)	1	(D)
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	32	588	8 480	—	—
Cut for dry forage or hay (tons, dry) -----	—	—	—	—	—	3	13	38	—	—
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	(X)	—	—
Hogged or grazed -----	—	—	(X)	—	—	—	—	(X)	—	—
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	5	50	(X)	—	—
Wheat for grain (bushels) -----	385	16 423	576 890	2	(D)	378	16 375	575 483	2	(D)
1974-----	741	41 216	1 447 484	(NA)	(NA)	720	40 963	1 441 619	5	374
Oats for grain (bushels) -----	128	1 613	62 593	—	—	110	1 478	58 341	—	—
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	81	1 091	53 234	—	—
Barley for grain (bushels) -----	468	25 189	1 109 362	5	162	459	25 076	1 106 236	5	162
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	480	24 567	1 094 488	1	(D)
Rye for grain (bushels) -----	42	658	16 580	—	—	40	(D)	(D)	—	—
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	198	2 737	70 897	—	—
Other small grains for grain -----	4	50	(X)	1	(D)	3	(D)	(X)	1	(D)
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	3	3	(X)	—	—
Soybeans for beans (bushels) -----	2 199	264 053	7 546 419	31	2 116	2 029	262 181	7 502 475	30	(D)
1974-----	2 033	209 977	5 386 399	(NA)	(NA)	1 896	208 408	5 354 568	29	2 055
Peanuts for nuts (pounds) -----	—	—	—	—	—	—	—	—	—	—
1974-----	—	—	—	(NA)	(NA)	—	—	—	—	—
Cotton (bales) -----	—	—	—	—	—	—	—	—	—	—
1974-----	—	—	—	(NA)	(NA)	—	—	—	—	—
Tobacco (pounds) -----	—	—	—	—	—	—	—	—	—	—
1974-----	—	—	—	(NA)	(NA)	—	—	—	—	—
Irish potatoes (hundredweight) -----	56	6 103	1 269 668	27	4 477	54	(D)	(D)	27	4 477
1974-----	74	6 248	1 282 327	(NA)	(NA)	67	6 244	1 281 797	24	3 573
Sweetpotatoes (bushels) -----	9	(D)	(D)	—	—	7	(D)	(D)	—	—
1974-----	18	48	17 613	(NA)	(NA)	13	44	17 095	—	—
Hay crops (tons, dry) (see text) -----	737	21 845	47 035	7	75	617	20 179	44 276	7	75
1974-----	667	17 851	41 620	(NA)	(NA)	570	16 872	39 957	3	17
Alfalfa hay (tons, dry) -----	358	6 960	20 174	5	55	312	6 477	19 217	5	55
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	243	5 332	16 211	3	17
Other tame dry hay (tons, dry) (see text) -----	462	8 140	16 303	2	(D)	390	7 311	14 834	2	(D)
Field seed crops -----	7	236	(X)	—	—	7	236	(X)	—	—
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	38	676	(X)	—	—
Alfalfa seed (pounds) -----	1	(D)	(D)	—	—	1	(D)	(D)	—	—
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Red clover seed (pounds) -----	7	232	33 870	—	—	7	232	33 870	—	—
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	32	587	57 148	—	—
All vegetables harvested for sale (see text) -----	390	41 059	(X)	124	15 320	353	40 952	(X)	121	15 312
1974-----	340	33 721	(X)	(NA)	(NA)	303	33 633	(X)	90	12 283
Sweet corn -----	136	4 329	(X)	47	2 793	119	4 293	(X)	46	(D)
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	108	3 663	(X)	18	1 358
Tomatoes -----	79	877	(X)	24	454	67	872	(X)	23	(D)
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	57	1 031	(X)	19	627
Green peas excluding cowpeas -----	74	9 586	(X)	41	4 615	72	(D)	(X)	41	4 615
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	60	9 602	(X)	23	3 693
Land in orchards -----	58	1 113	(X)	3	147	33	1 037	(X)	3	147
1974-----	48	1 218	(X)	(NA)	(NA)	31	1 154	(X)	5	275
Apples (pounds) -----	34	760	14 617 301	(NA)	(NA)	20	748	14 583 171	(NA)	(NA)
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	17	788	13 894 233	(NA)	(NA)
Peaches (pounds) -----	37	315	2 505 655	(NA)	(NA)	20	268	2 503 445	(NA)	(NA)
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	19	345	1 837 300	(NA)	(NA)
Grapes (pounds) (see text) -----	30	29	86 368	(NA)	(NA)	14	19	80 072	(NA)	(NA)
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	6	17	56 000	(NA)	(NA)
Berries -----	48	129	(X)	17	54	35	122	(X)	14	52
1974-----	39	83	(X)	(NA)	(NA)	33	80	(X)	5	18
Strawberries (pounds) -----	46	94	290 788	17	50	33	87	275 080	14	48
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	30	48	205 535	5	17
Nursery and greenhouse products -----	112	1 932	(X)	58	560	97	1 913	(X)	51	552
1974-----	1	(D)	(X)	(NA)	(NA)	—	—	(X)	(NA)	(NA)

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

	All forms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	1 004	214 828	976	196 410	864	209 888	814	189 189
Average size of farm	(X)	214	(X)	201	(X)	243	(X)	232
Approximate land area	(X)	380 160	(X)	380 224	(X)	380 160	(X)	380 224
Proportion in farms percent		56.5		51.7		55.2		49.8
Value of land and buildings: ¹								
Average per farm	276 741	(X)	176 277	(X)	311 157	(X)	202 584	(X)
Average per acre		1 324		876		1 308		872
Land in farms according to use:								
Total cropland	963	172 511	941	155 744	831	170 079	785	152 127
Harvested cropland	934	160 942	904	142 288	816	159 380	769	140 620
By acres harvested:								
1 to 9 acres	93	423	78	(NA)	50	217	29	(NA)
10 to 19 acres	95	1 311	85	(NA)	48	675	26	(NA)
20 to 29 acres	72	1 719	86	(NA)	51	1 250	63	(NA)
30 to 49 acres	112	4 315	104	(NA)	105	4 064	100	(NA)
50 to 99 acres	172	11 874	170	(NA)	172	11 874	170	(NA)
100 to 199 acres	160	22 944	184	(NA)	160	22 944	184	(NA)
200 to 499 acres	152	45 243	136	(NA)	152	45 243	136	(NA)
500 to 999 acres	60	42 954	47	(NA)	60	42 954	47	(NA)
1,000 acres or more	18	30 159	14	(NA)	18	30 159	14	(NA)
Cropland used only for pasture	286	5 954	316	8 495	236	5 482	244	6 936
Other cropland	204	5 615	178	4 961	179	5 217	155	4 571
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	38	880	(NA)	(NA)	29	741	69	1 711
Cropland on which all crops failed	48	545	(NA)	(NA)	39	479	39	896
Cropland in cultivated summer fallow	21	505	(NA)	(NA)	16	485	8	211
Cropland idle	143	3 685	(NA)	(NA)	127	3 512	71	1 753
Total woodland	549	31 014	541	28 796	477	28 996	463	26 130
Woodland pastured	83	1 687	(NA)	(NA)	71	1 618	71	2 702
Woodland not pastured	515	29 327	(NA)	(NA)	445	27 378	415	23 428
Other land	620	11 303	628	11 870	530	10 813	531	10 932
Pastureland and rangeland, other than cropland and woodland pastured	71	2 392	(NA)	(NA)	61	2 303	66	979
Land in house lots, ponds, roads, wasteland, etc.	598	8 911	(NA)	(NA)	512	8 510	508	9 953
Pastureland, all types	359	10 033	(NA)	(NA)	297	9 403	(NA)	10 617
Irrigated land	101	14 916	75	12 150	94	14 890	70	12 143
Harvested cropland irrigated	100	(D)	(NA)	(NA)	94	(D)	70	12 011
Pastureland irrigated	4	(D)	(NA)	(NA)	3	(D)	(NA)	(D)
Other land irrigated	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Land set aside in the federal farm programs in 1978	73	1 647	(X)	(X)	72	(D)	(X)	(X)

¹1978 data are based on a sample of farms; see text.

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

	All forms				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	1 004	60 130	976	45 048	864	59 939	814	44 861
Average per farm	(X)	39 891	(X)	46 156	(X)	69 374	(X)	55 112
Farms by value of agricultural products sold: ¹								
\$100,000 or more	161	43 142	119	(NA)	161	43 142	119	(NA)
\$40,000 to \$99,999	134	8 580	138	(NA)	134	8 580	138	(NA)
\$20,000 to \$39,999	168	4 785	151	(NA)	168	4 785	151	(NA)
\$10,000 to \$19,999	149	2 073	165	(NA)	149	2 073	165	(NA)
\$5,000 to \$9,999	128	908	124	(NA)	128	908	124	(NA)
\$2,500 to \$4,999	124	450	103	(NA)	124	450	103	(NA)
Less than \$2,500 (see text)	140	191	176	(NA)	(X)	(X)	14	(NA)
\$2,000 to \$2,499	35	76	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	34	58	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	39	46	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	32	12	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	-	-	-	(NA)	(X)	(X)	(X)	(X)
Crops	844	37 741	849	33 703	753	37 609	(NA)	33 568
Grains	748	21 151	(NA)	(NA)	679	21 053	681	19 293
Commodity Credit Corporation loans	36	264	(NA)	(NA)	34	(D)	(NA)	(NA)
Cotton and cottonseed	-	-	(NA)	(NA)	-	-	-	-
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Tobacco	-	-	(NA)	(NA)	-	-	-	-
Field seeds, hay, forage, and silage	97	287	(NA)	(NA)	80	270	100	204
Vegetables, sweet corn, and melons	124	9 339	(NA)	(NA)	118	9 335	116	7 927
Fruits, nuts, and berries	28	856	(NA)	(NA)	23	849	25	653
Nursery and greenhouse products	35	1 449	32	600	31	1 443	26	594
Other crops	28	4 659	(NA)	(NA)	28	4 659	34	4 897
Livestock, poultry, and their products	465	22 389	417	11 202	407	22 330	351	11 151
Poultry and poultry products	152	12 978	127	5 545	136	12 970	114	5 542
Dairy products	129	5 495	(NA)	(NA)	128	(D)	121	4 095
Cattle and calves	265	2 324	(NA)	(NA)	241	2 304	251	840
Hogs and pigs	180	1 227	(NA)	(NA)	157	(D)	124	585
Sheep, lambs, and wool	6	4	(NA)	(NA)	6	4	10	17
Other livestock and livestock products (see text)	84	363	(NA)	(NA)	66	348	40	72

¹1974 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									
	Acres in farms	Farms with harvested cropland			Farms with irrigated land					
		Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land		
All farms -----	1 004	976	214 828	934	212 827	160 942	101	40 363	34 022	14 916
Farms with -----										
1 to 9 acres -----	62	64	257	30	143	111	8	37	22	21
10 to 49 acres -----	208	182	5 202	183	4 617	2 884	17	407	234	162
50 to 69 acres -----	84	80	4 765	80	4 549	2 915	4	(D)	(D)	(D)
70 to 99 acres -----	117	114	9 645	114	9 415	5 297	3	252	124	38
100 to 139 acres -----	106	129	12 172	102	11 671	7 449	5	(D)	(D)	(D)
140 to 179 acres -----	73	69	11 391	72	11 246	7 512	4	608	489	406
180 to 219 acres -----	62	66	12 473	61	12 263	7 888	5	996	767	315
220 to 259 acres -----	58	53	13 719	58	13 719	10 034	6	1 409	1 091	175
260 to 499 acres -----	131	127	46 778	131	46 778	34 512	25	9 602	7 474	3 234
500 to 999 acres -----	78	71	55 771	78	55 771	46 551	18	14 232	12 289	4 252
1,000 to 1,999 acres -----	21	19	28 378	21	28 378	22 854	4	(D)	(D)	(D)
2,000 acres or more -----	4	2	14 277	4	14 277	12 935	2	(D)	(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 -----	1 004	214 828	976	196 410	864	209 888	814	189 189	
Harvested cropland -----	934	160 942	904	142 288	816	159 380	769	140 620	
Tenure of operator:									
Full owners -----	534	60 094	588	63 234	423	56 050	444	56 765	
Harvested cropland -----	466	34 603	(NA)	35 260	376	33 479	(NA)	33 840	
Part owners -----	324	128 076	256	105 209	307	127 462	247	104 669	
Tenants -----	324	102 849	(NA)	82 595	307	102 619	(NA)	82 454	
Harvested cropland -----	146	26 658	132	27 967	134	26 376	123	27 755	
Type of organization:	144	23 490	(NA)	24 433	133	23 282	(NA)	24 326	
Individual or family -----	866	169 156	(NA)	(NA)	734	164 543	733	154 858	
Partnership -----	93	23 691	(NA)	(NA)	87	(D)	53	19 112	
Corporation -----	39	21 617	(NA)	(NA)	37	(D)	24	(D)	
Other—cooperative, estate or trust, institutional, etc.-----	6	364	(NA)	(NA)	6	(D)	4	(D)	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:									
Farming -----	607	639	575	591					
Other -----	397	309	289	195					
Operators by age group:									
Under 25 years -----	35	24	31	19					
25 to 34 years -----	132	117	114	87					
35 to 44 years -----	223	187	194	150					
45 to 54 years -----	246	241	211	204					
55 to 64 years -----	238	200	210	174					
65 years and over -----	130	179	104	152					
Average age -----	48.8	50.8	48.7	51.4					
Operators by place of residence:									
On farm operated -----					772	633	666	541	
Not on farm operated -----					139	126	121	107	
Not reported -----					93	189	77	138	
Operators reporting days of work off farm:									
None -----					404	349	379	317	
1 to 49 days -----					104	46	95	42	
50 to 99 days -----					40	23	36	20	
100 to 149 days -----					35	16	31	14	
150 to 199 days -----					47	38	33	29	
200 days or more -----					335	270	255	179	

¹Applies 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 -----	333	3 063	304	1 362	289	3 041	242	1 337
Feed for livestock and poultry -----	444	9 451	419	4 945	385	9 424	333	4 904
Commercially mixed formula feeds -----	270	8 295	344	4 401	246	8 281	289	4 381
Animal health costs -----	329	272	(NA)	(NA)	284	263	216	118
Seeds, bulbs, plants, and trees -----	776	2 194	708	1 780	689	2 176	618	1 772
Commercial fertilizer -----	881	4 856	808	5 289	768	4 816	679	5 252
Other agricultural chemicals including lime -----	822	2 269	563	1 674	734	2 246	507	1 666
Hired farm labor -----	401	5 013	343	2 999	388	4 993	326	2 996
Contract labor -----	84	856	36	707	84	856	35	(D)
Customwork, machine hire, and rental of machinery and equipment -----	517	768	470	607	464	751	419	596
Energy and petroleum products -----	988	2 774	(NA)	(NA)	859	2 724	(NA)	(NA)
Petroleum products -----	988	2 774	(NA)	(NA)	859	2 724	(NA)	(NA)
Gasoline -----	988	2 313	930	1 490	859	2 272	803	1 469
Diesel fuel -----	942	1 162	(NA)	(NA)	817	1 131	791	871
LPG gas, butane, and propane -----	495	775	(NA)	(NA)	484	773	400	386
Fuel oil -----	88	137	(NA)	(NA)	82	136	62	75
Natural gas -----	70	48	(NA)	(NA)	70	48		
Kerosene, motor oil, and grease -----	9	11	(NA)	(NA)	9	11	801	137
Electricity -----	988	181	(NA)	(NA)	859	174	(NA)	(NA)
Other—coal, wood, coke, etc.-----	555	458	(NA)	(NA)	522	448	(NA)	(NA)
	20	4	(NA)	(NA)	20	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 forms			Farms with sales of \$2,500 or more			
1978		1978	1978		1974	
Farms	Acres on which used		Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer						
Cropland fertilized, except pasture	865	132 002	757	130 576	679	132 358
Pasture and rangeland fertilized	865	130 542	757	129 128	(NA)	130 390
Lime	104	1 460	97	1 448	(NA)	1 968
Sprays, dusts, granules, fumigants, etc. to control—	400	39 752	359	39 120	254	32 290
Insects on hay and other crops	364	56 443	320	56 201	(NA)	32 835
Nematodes in crops	33	4 843	33	4 843	4	(D)
Diseases in crops and orchards	59	(D)	57	(D)	22	5 545
Weeds, grass, or brush in crops and pasture	658	117 570	596	116 521	(NA)	79 282
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	31	1 654	27	1 606	6	(D)
Insect control on livestock and poultry	152	(X)	133	(X)	28	(X)
Sanitation and rodent and bird control	148	(X)	123	(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		All forms		Forms with sales of \$2,500 or more			
1978	1974	1978	1974	1978	1974	1978	1974		
ALL MACHINERY AND EQUIPMENT									
ALL MACHINERY AND EQUIPMENT — Con.									
Estimated market value of all machinery and equipment—forms	1 003	904	864	759	79	120	78	112	
\$1,000	43 811	25 571	42 566	24 306	\$20,000 to \$29,999	147	162	137	158
Average per farm—dollars	43 680	28 287	49 267	32 024	\$30,000 to \$49,999	59	48	59	47
Forms by value group:					\$50,000 to \$69,999	56		56	
\$1 to \$4,999	111	149	71	106	\$70,000 to \$99,999	87	83	87	83
\$5,000 to \$9,999	241	166	161	98	\$100,000 to \$199,999				
\$10,000 to \$19,999	187	176	179	155	\$200,000 or more	36		36	
1978						1974			
All forms		Manufactured 1974 to 1978		Manufactured prior to 1974		Manufactured 1970 to 1974			
Farms	Number	Farms	Number	Farms	Number	Farms	Number		
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	681	1 015	378	500	387	515	727	999	565
Motor trucks including pickups	809	1 806	393	597	680	1 209	747	1 579	572
Wheel tractors	920	2 653	295	468	843	2 185	845	2 356	511
Grain and bean combines, self-propelled only	361	414	109	121	264	293	334	382	110
Corn heads for combines	267	287	84	95	187	192	187	205	76
Other cornpickers and picker-shellers	170	171	10	10	160	161	184	194	30
Cottonpickers	—	—	—	—	—	—	(NA)	(NA)	(NA)
Mower conditioners	197	212	49	49	154	163	166	172	73
Pickup balers	258	259	47	47	212	212	220	224	51
Field forage harvesters, shear bar or flywheel type	109	127	23	28	96	99	120	175	27

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	401	173	(X)	337	(X)	388	326
Workers	2 331	(X)	630	1 701		2 303	2 033
Farms with—							
1 worker	89	86	86	86	86	84	114
2 workers	85	37	74	66	132	80	48
3 or 4 workers	102	25	85	80	275	101	54
5 to 9 workers	76	15	91	71	446	74	55
10 workers or more	49	10	294	34	762	49	55

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	524	(X)	465	(X)	441	(X)	385
Any cattle, hogs, or sheep	354	(X)	371	(X)	309	(X)	314
Sales:							
Any livestock or poultry and their products	465	22 389	417	11 202	407	22 330	351
Any cattle, hogs, or sheep	337	3 554	345	(NA)	301	3 517	292
CATTLE AND CALVES							
Inventory:							
Cattle and calves	297	12 351	333	12 614	261	12 153	279
Cows and heifers that had calved	243	6 260	265	6 224	215	6 166	221
Beef cows	96	977	119	1 164	79	907	88
Milk cows	177	5 283	169	5 060	163	5 259	145
Heifers and heifer calves	219	3 899	(NA)	(NA)	203	3 856	199
Steers, steer calves, bulls and bull calves	226	2 192	(NA)	(NA)	202	2 131	212
Sales:							
Cattle and calves	265	7 855	288	4 932	241	7 771	251
\$1,000	(X)	2 324	(X)	(NA)	(X)	2 304	(X)
Calves	201	4 354	(NA)	(NA)	187	4 303	183
\$1,000	(X)	602	(X)	(NA)	(X)	596	(X)
Cattle	203	3 501	(NA)	(NA)	191	3 468	190
\$1,000	(X)	1 722	(X)	(NA)	(X)	1 709	(X)
Fattened cattle	49	1 905	(NA)	(NA)	42	1 887	39
\$1,000	(X)	1 019	(X)	(NA)	(X)	1 011	(X)
Dairy products	129	5 495	(NA)	(NA)	128	(D)	121
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	187	10 427	151	6 105	160	10 155	123
Used or to be used for breeding	135	1 818	(NA)	(NA)	118	1 739	83
Other hogs and pigs	159	8 609	(NA)	(NA)	138	8 416	98
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	143	2 250	104	1 292	126	2 185	90
Dec. 1 of preceding year and May 31	123	1 166	88	700	108	1 127	77
June 1 and Nov. 30	127	1 084	83	592	116	1 058	76
Sheep and lambs	6	146	15	804	6	146	11
Ewes 1 year old or older	6	129	(NA)	(NA)	6	129	11
Goats	10	33	(NA)	(NA)	8	(D)	5
Horses and ponies	216	1 390	158	1 043	172	1 151	112
Sales:							
Hogs and pigs	180	17 495	148	11 930	157	17 122	124
\$1,000	(X)	1 227	(X)	(NA)	(X)	1 209	(X)
Feeder pigs	100	8 560	70	4 068	91	8 294	59
\$1,000	(X)	358	(X)	(NA)	(X)	349	(X)
Sheep and lambs	4	96	11	521	4	96	9
Sheep and lambs shorn	6	171	(NA)	(NA)	6	171	10
Pounds of wool	(X)	1 059	(X)	(NA)	(X)	1 059	(X)
Sheep, lambs, and wool	6	4	(NA)	(NA)	6	4	10
Goats	3	12	(NA)	(NA)	3	12	2
Horses and ponies	68	192	36	90	55	161	31
\$1,000	(X)	355	(X)	(NA)	(X)	342	(X)
POULTRY							
Inventory:							
Any poultry	230	(X)	185	(X)	200	(X)	152
Chickens 3 months old or older	154	(D)	144	113 133	130	(D)	111
Hens and pullets of laying age	151	(D)	136	87 663	128	(D)	107
Pullets 3 months old or older	15	48 112	(NA)	(NA)	11	(D)	11
Pullet chicks and pullets under 3 months old	9	115 718	(NA)	(NA)	8	(D)	4
Broilers and other meat-type chickens	78	1 841 871	51	1 069 186	72	1 841 799	44
Turkeys	9	161	(NA)	(NA)	6	152	3
Turkeys for slaughter	7	(D)	(NA)	(NA)	6	(D)	3
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	—	—	230
Other poultry	45	(X)	(NA)	(X)	34	(X)	10
Sales:							
Any poultry	129	(X)	103	(X)	119	(X)	93
Chickens 3 months old or older	46	363 377	45	133 179	43	363 311	37
Hens and pullets of laying age	38	114 411	39	67 480	35	114 345	32
Pullets 3 months old or older	8	248 966	(NA)	(NA)	8	248 966	5
Pullet chicks and pullets under 3 months old	—	—	(NA)	(NA)	—	—	63 200
Broilers and other meat-type chickens	75	8 722 786	56	(D)	71	8 722 333	54
Turkeys	6	166	(NA)	(NA)	5	(D)	2
Turkeys for slaughter	6	166	(NA)	(NA)	5	(D)	2
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—
Other poultry	11	(X)	(NA)	(X)	7	(X)	9
Poultry and poultry products	\$1,000	152	12 978	127	5 545	136	12 970
							114
							5 542

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	544	50 105	(X)	21	2 756	507	49 728	(X)	21	2 756
	1974	519	40 049	(X)	(NA)	(NA)	470	39 657	(X)	7	(D)
For grain or seed (bushels)	1978	531	45 820	4 428 868	21	(D)	497	45 465	4 404 686	21	(D)
	1974	498	36 236	2 938 191	(NA)	(NA)	451	35 883	2 921 415	6	(D)
For silage or green chop (tons, green)	1978	148	(D)	57 140	1	(D)	146	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	124	3 586	48 657	1	(D)
For fodder, hogged or grazed	1978	6	(D)	(X)	—	—	4	(D)	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	188	(X)	—	—
Sorghums for all purposes	1978	33	(D)	(X)	—	—	33	(D)	(X)	—	—
	1974	26	481	(X)	(NA)	(NA)	23	460	(X)	—	—
For grain or seed (bushels)	1978	2	(D)	(D)	—	—	2	(D)	(D)	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
For silage or green chop (tons, green)	1978	32	459	6 553	—	—	32	459	6 553	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	22	452	7 205	—	—
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)	1	(D)	(X)	—	—
Wheat for grain (bushels)	1978	162	7 363	245 802	—	—	161	(D)	(D)	—	—
	1974	318	13 355	438 745	(NA)	(NA)	310	(D)	(D)	3	206
Oats for grain (bushels)	1978	83	992	43 209	—	—	79	960	42 467	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	61	856	44 319	—	—
Barley for grain (bushels)	1978	188	9 519	416 287	1	(D)	186	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	180	8 308	366 981	—	—
Rye for grain (bushels)	1978	16	367	9 905	—	—	15	(D)	(D)	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	66	972	25 050	—	—
Other small grains for grain	1978	2	(D)	(X)	—	—	2	(D)	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	3	(X)	—	—
Soybeans for beans (bushels)	1978	651	78 128	2 186 801	10	634	602	77 517	2 174 933	10	634
	1974	650	66 252	1 603 256	(NA)	(NA)	594	65 627	1 591 253	13	918
Peanuts for nuts (pounds)	1978	—	—	—	—	—	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Cotton (bales)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Tobacco (pounds)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Irish potatoes (hundredweight)	1978	31	5 028	1 080 869	20	3 967	31	5 028	1 080 869	20	3 967
	1974	36	5 226	1 061 054	(NA)	(NA)	35	(D)	(D)	17	3 264
Sweetpotatoes (bushels)	1978	2	(D)	(D)	—	—	2	(D)	(D)	—	—
	1974	3	(D)	(D)	(NA)	(NA)	2	(D)	(D)	—	—
Hay crops (tons, dry) (see text)	1978	330	7 875	18 599	2	(D)	285	7 404	17 687	2	(D)
	1974	291	6 720	16 268	(NA)	(NA)	242	6 295	15 618	2	(D)
Alfalfa hay (tons, dry)	1978	159	2 383	7 567	2	(D)	145	2 293	7 319	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	106	1 785	5 629	2	(D)
Other tame dry hay (tons, dry) (see text)	1978	229	3 737	7 586	—	—	197	3 373	6 952	—	—
Field seed crops	1978	3	(D)	(X)	—	—	3	(D)	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	22	225	(X)	—	—
Alfalfa seed (pounds)	1978	1	(D)	(D)	—	—	1	(D)	(D)	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Red clover seed (pounds)	1978	3	(D)	(D)	—	—	3	(D)	(D)	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	20	176	14 738	—	—
All vegetables harvested for sale (see text)	1978	124	20 045	(X)	48	7 943	118	20 023	(X)	47	(D)
	1974	125	14 169	(X)	(NA)	(NA)	116	14 154	(X)	43	7 258
Sweet corn	1978	33	1 847	(X)	14	(D)	28	1 839	(X)	13	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	47	2 043	(X)	9	(D)
Tomatoes	1978	18	298	(X)	8	(D)	16	(D)	(X)	7	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	17	431	(X)	6	307
Green peas excluding cowpeas	1978	26	5 133	(X)	14	(D)	26	5 133	(X)	14	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	21	4 402	(X)	9	(D)
Land in orchards	1978	22	628	(X)	2	(D)	15	602	(X)	2	(D)
	1974	22	641	(X)	(NA)	(NA)	17	624	(X)	2	(D)
Apples (pounds)	1978	10	489	8 435 220	(NA)	(NA)	8	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	464	(D)	(NA)	(NA)
Peaches (pounds)	1978	12	(D)	(D)	(NA)	(NA)	8	99	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	146	1 048 900	(NA)	(NA)
Grapes (pounds) (see text)	1978	10	19	66 026	(NA)	(NA)	6	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	(D)	(D)	(NA)	(NA)
Berries	1978	23	44	(X)	10	27	19	40	(X)	7	24
	1974	19	28	(X)	(NA)	(NA)	14	25	(X)	1	(D)
Strawberries (pounds)	1978	22	44	134 790	10	27	18	40	123 230	7	24
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	14	25	99 690	1	(D)
Nursery and greenhouse products	1978	35	488	(X)	18	441	31	486	(X)	16	(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	452	102 084	432	100 172	371	98 232	358	96 707
Average size of farm	(X)	226	(X)	232	(X)	265	(X)	270
Approximate land area	(X)	280 320	(X)	280 256	(X)	280 320	(X)	280 256
Proportion in farms percent	(X)	36.4	(X)	35.7	(X)	35.0	(X)	34.5
Value of land and buildings: ¹								
Average per farm dollars	501	506	(X)	317 898	(X)	613 667	(X)	366 053
Average per acre dollars		2 363		(X)	1 371	(X)	2 357	(X)
Land in farms according to use:								
Total cropland	433	87 209	425	81 562	362	85 032	352	79 307
Harvested cropland	420	80 277	402	71 083	356	79 037	346	70 122
By acres harvested:								
1 to 9 acres	62	215	60	(NA)	37	100	35	(NA)
10 to 19 acres	39	520	33	(NA)	17	226	16	(NA)
20 to 29 acres	20	456	23	(NA)	14	316	17	(NA)
30 to 49 acres	41	1 528	27	(NA)	34	(D)	22	(NA)
50 to 99 acres	58	4 067	67	(NA)	55	(D)	65	(NA)
100 to 199 acres	75	10 575	80	(NA)	74	(D)	79	(NA)
200 to 499 acres	84	27 594	73	(NA)	84	27 594	73	(NA)
500 to 999 acres	30	21 052	32	(NA)	30	21 052	32	(NA)
1,000 acres or more	11	14 270	7	(NA)	11	14 270	7	(NA)
Cropland used only for pasture	134	4 412	168	6 253	107	3 766	132	5 526
Other cropland	110	2 520	102	4 226	86	2 229	82	3 659
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	33	707	(NA)	(NA)	27	(D)	33	831
Cropland on which all crops failed	28	250	(NA)	(NA)	21	(D)	26	683
Cropland in cultivated summer fallow	10	198	(NA)	(NA)	6	184	6	434
Cropland idle	57	1 365	(NA)	(NA)	46	1 261	41	1 711
Total woodland	183	8 197	214	9 159	150	7 414	176	8 551
Woodland pastured	32	680	(NA)	(NA)	25	605	34	1 555
Woodland not pastured	163	7 517	(NA)	(NA)	135	6 809	153	6 996
Other land	312	6 678	314	9 451	251	5 786	258	8 849
Pastureland and rangeland, other than cropland and woodland pastured	57	1 772	(NA)	(NA)	46	1 442	58	2 149
Land in house lots, ponds, roads, wasteland, etc	301	4 906	(NA)	(NA)	242	4 344	250	6 700
Pastureland, all types	185	6 864	(NA)	(NA)	149	5 813	(NA)	9 230
Irrigated land	37	1 327	18	734	34	1 320	16	(D)
Harvested cropland irrigated	36	(D)	(NA)	(NA)	34	(D)	15	714
Pastureland irrigated	—	—	(NA)	(NA)	—	—	(NA)	15
Other land irrigated	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Land set aside in the federal farm programs in 1978	33	850	(X)	(X)	33	850	(X)	(X)

¹1978 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	452	24 245	432	19 770	371	23 973	358	19 539
Average per farm dollars	(X)	53 639	(X)	45 764	(X)	64 618	(X)	54 578
Farms by value of agricultural products sold: ¹								
\$100,000 or more	76	15 762	55	(NA)	76	15 762	55	(NA)
\$40,000 to \$99,999	86	5 514	95	(NA)	86	5 514	95	(NA)
\$20,000 to \$39,999	44	1 254	58	(NA)	44	1 254	58	(NA)
\$10,000 to \$19,999	61	883	50	(NA)	61	883	50	(NA)
\$5,000 to \$9,999	54	378	62	(NA)	54	378	62	(NA)
\$2,500 to \$4,999	50	183	31	(NA)	50	183	31	(NA)
Less than \$2,500 (see text)	80	(D)	80	(NA)	(X)	(X)	7	(NA)
\$2,000 to \$2,499	15	33	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	19	33	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	18	21	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	28	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	381	18 350	379	15 080	332	18 273	(NA)	14 995
Grains	302	12 137	(NA)	(NA)	279	12 098	278	10 326
Commodity Credit Corporation loans	7	26	(NA)	(NA)	7	26	(NA)	(NA)
Cotton and cottonseed	—	—	(NA)	(NA)	—	—	—	—
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	84	377	(NA)	(NA)	64	(D)	72	212
Vegetables, sweet corn, and melons	40	578	(NA)	(NA)	29	568	45	676
Fruits, nuts, and berries	13	54	(NA)	(NA)	7	(D)	8	31
Nursery and greenhouse products	45	4 318	49	3 009	38	4 305	37	2 999
Other crops	11	887	(NA)	(NA)	11	887	10	753
Livestock, poultry, and their products	187	5 895	197	4 663	151	5 700	158	4 516
Poultry and poultry products	32	985	46	670	23	980	30	659
Dairy products	45	3 120	(NA)	(NA)	42	(D)	58	2 551
Cattle and calves	126	823	(NA)	(NA)	106	781	123	573
Hogs and pigs	43	359	(NA)	(NA)	34	(D)	22	200
Sheep, lambs, and wool	9	10	(NA)	(NA)	6	(D)	8	8
Other livestock and livestock products (see text)	41	597	(NA)	(NA)	26	585	16	526

¹1974 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								
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land		
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland
All farms	452	432	102 084	420	101 082	80 277	37	6 172	5 165
Farms with—									1 327
1 to 9 acres	46	32	158	33	114	60	15	58	28
10 to 49 acres	97	84	2 514	85	2 281	1 425	5	94	30
50 to 69 acres	25	28	1 507	22	1 340	775	2	(D)	(D)
70 to 99 acres	27	34	2 181	26	2 098	1 460	—	—	—
100 to 139 acres	40	41	4 738	40	4 738	3 081	—	—	—
140 to 179 acres	31	26	4 851	28	4 376	2 730	1	(D)	(D)
180 to 219 acres	37	32	7 284	37	7 284	5 278	3	600	452
220 to 259 acres	18	21	4 303	18	4 303	2 935	2	(D)	(D)
260 to 499 acres	71	71	25 297	71	25 297	20 104	5	1 799	1 393
500 to 999 acres	42	51	27 123	42	27 123	22 288	3	1 638	1 420
1,000 to 1,999 acres	18	11	22 128	18	22 128	20 141	1	(D)	(D)
2,000 acres or more	—	1	—	—	—	—	—	—	—

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	452	102 084	432	100 172	371	98 232	358	96 707	
Harvested cropland	420	80 277	402	71 083	356	79 037	346	70 122	
Tenure of operator:									
Full owners	222	25 018	207	25 556	155	21 688	145	22 653	
Harvested cropland	192	13 237	(NA)	12 423	140	12 258	(NA)	11 661	
Part owners	139	52 250	113	43 933	132	52 034	109	43 800	
Harvested cropland	139	44 669	(NA)	33 493	132	44 561	(NA)	33 468	
Tenants	91	24 816	112	30 683	84	24 510	104	30 254	
Harvested cropland	89	22 371	(NA)	25 167	84	22 218	(NA)	24 993	
Type of organization:									
Individual or family	382	79 873	(NA)	(NA)	306	76 907	301	79 765	
Partnership	42	(D)	(NA)	(NA)	41	(D)	47	13 698	
Corporation	26	9 923	(NA)	(NA)	24	(D)	9	(D)	
Other—cooperative, estate or trust, institutional, etc.	2	(D)	(NA)	(NA)	—	—	1	(D)	
All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more			
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:									
Forming	280	292	254	266	Operators by place of residence:		353	300	291
Other	172	129	117	82	On farm operated	—	73	62	246
Operators by age group:									
Under 25 years	13	6	13	6	Not on farm operated	—	63	53	53
25 to 34 years	38	32	35	31	Not reported	—	59	17	49
35 to 44 years	94	63	78	53	Operators reporting days of work off farm:		229	205	201
45 to 54 years	117	131	96	110	None	—	21	19	177
55 to 64 years	113	94	94	82	1 to 49 days	—	3	6	15
65 years and over	77	95	55	66	50 to 99 days	—	14	13	5
Average age	51.5	53.5	50.5	52.2	100 to 149 days	—	25	10	11
					150 to 199 days	—	143	101	8
					200 days or more	—	103	103	68

*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	126	358	129	894	101	345	95	878
Feed for livestock and poultry	200	1 595	208	1 694	149	1 493	160	1 626
Commercially mixed formula feeds	120	1 394	171	1 350	96	1 328	135	1 289
Animal health costs	122	95	(NA)	(NA)	103	91	91	69
Seeds, bulbs, plants, and trees	365	1 107	316	743	310	1 096	275	737
Commercial fertilizer	352	2 354	331	1 879	291	2 330	288	1 861
Other agricultural chemicals including lime	364	1 114	242	555	306	1 106	222	551
Hired farm labor	260	2 339	178	1 756	234	2 260	172	1 679
Contract labor	27	150	22	237	21	(D)	21	(D)
Customwork, machine hire, and rental of machinery and equipment	184	392	187	249	172	390	172	(D)
Energy and petroleum products	452	1 466	(NA)	(NA)	352	1 398	(NA)	(NA)
Petroleum products	452	1 126	425	808	352	1 093	353	790
Gasoline	441	492	(NA)	(NA)	341	468	341	399
Diesel fuel	213	306	(NA)	(NA)	197	302	191	206
LP gas, butane, and propane	48	51	(NA)	(NA)	47	(D)	32	21
Fuel oil	50	196	(NA)	(NA)	50	196		
Natural gas	4	1	(NA)	(NA)	4	(D)	353	164
Kerosene, motor oil, and grease	452	80	(NA)	(NA)	352	77	(NA)	(NA)
Electricity	292	339	(NA)	(NA)	251	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	7	1	(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	338	65 365	277	64 383	288	59 733
Cropland fertilized, except pasture	338	63 332	277	62 545	(NA)	58 640
Pasture and rangeland fertilized	62	2 033	51	1 838	(NA)	1 093
Lime	227	16 634	200	16 378	109	12 847
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	171	28 079	153	27 960	(NA)	9 701
Nematodes in crops	8	692	7	(D)	2	(D)
Diseases in crops and orchards	23	(D)	23	(D)	7	172
Weeds, grass, or brush in crops and pasture	244	47 855	211	47 361	(NA)	34 064
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	6	(D)	6	(D)	2	(D)
Insect control on livestock and poultry	53	(X)	45	(X)	14	(X)
Sanitation and rodent and bird control	90	(X)	76	(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 MACHINERY AND EQUIPMENT	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more		
	1978		1974		1978		1974		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
Estimated market value of all machinery and equipment—									
farms	452	424	352	354	\$20,000 to \$29,999	38	60	32	
\$1,000 dollars	21 409	13 113	20 308	12 443	\$30,000 to \$49,999	60	88	54	
Average per farm	47 365	30 927	57 695	35 150	\$50,000 to \$69,999	38	35	38	
Farms by value group:					\$70,000 to \$99,999	41	41	35	
\$1 to \$4,999	33	55	13	24	\$100,000 to \$199,999	40	40	40	
\$5,000 to \$9,999	107	78	52	54	\$200,000 or more	24	23	39	
\$10,000 to \$19,999	71	68	59	57					
ALL MACHINERY AND EQUIPMENT—Con.									
Estimated market value of all machinery and equipment—Con.									
farms	452	424	352	354	\$20,000 to \$29,999	38	60	32	
\$1,000 dollars	21 409	13 113	20 308	12 443	\$30,000 to \$49,999	60	88	54	
Average per farm	47 365	30 927	57 695	35 150	\$50,000 to \$69,999	38	35	38	
Farms by value group:					\$70,000 to \$99,999	41	41	35	
\$1 to \$4,999	33	55	13	24	\$100,000 to \$199,999	40	40	39	
\$5,000 to \$9,999	107	78	52	54	\$200,000 or more	24	23		
\$10,000 to \$19,999	71	68	59	57					
1978					1974				
SELECTED MACHINERY AND EQUIPMENT	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974		Manufactured		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
Automobiles	330	519	194	277	189	242	325	463	
Motortrucks including pickups	390	836	170	280	319	556	357	731	
Wheel tractors	378	1 236	138	254	352	982	396	1 142	
Grain and bean combines, self-propelled only	137	172	68	74	72	98	145	163	
Corn heads for combines	112	122	63	68	51	54	75	84	
Other cornpickers and picker-shellers	104	110	9	10	95	100	108	112	
Cottonpickers	—	—	—	—	—	—	(NA)	(NA)	
Mower conditioners	124	133	26	27	98	106	113	124	
Pickup balers	154	162	51	51	103	111	168	172	
Field forage harvesters, shear bar or flywheel type	55	71	10	10	46	61	60	78	
								18	

Table 8. Hired Farm Workers: 1978 and 1974

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

Farms	Hired workers—All farms, 1978					Any hired workers— Farms with sales of \$2,500 or more	
	Any	Working 150 days or more		Working less than 150 days			
		Farms	Workers	Farms	Workers	1978	1974
Farm workers	1 260	141	(X)	229	(X)	1 234	1 172
Workers	1 594	376		1 218		1 532	1 058
Farms with—							
1 worker	38	79	79	45	45	35	51
2 workers	52	18	36	59	118	36	24
3 or 4 workers	69	17	56	53	181	63	42
5 to 9 workers	48	22	145	43	290	47	26
10 workers or more	53	5	60	29	584	53	29

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

	All forms				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	219	(X)	223	(X)	169	(X)	180	(X)
Any cattle, hogs, or sheep	157	(X)	178	(X)	125	(X)	147	(X)
Sales:								
Any livestock or poultry and their products	187	5 895	197	4 663	151	5 700	158	4 516
Any cattle, hogs, or sheep	149	1 191	164	(NA)	123	1 138	135	781
CATTLE AND CALVES								
Inventory:								
Cattle and calves	136	6 236	161	7 934	109	5 825	132	7 503
Cows and heifers that had calved	104	3 324	132	4 298	88	3 147	110	4 060
Beef cows	62	659	73	942	47	575	51	816
Milk cows	55	2 665	79	3 356	51	2 572	73	3 244
Heifers and heifer calves	90	2 153	(NA)	(NA)	76	1 995	76	2 002
Steers, steer calves, bulls and bull calves	105	759	(NA)	(NA)	82	683	89	1 441
Sales:								
Cattle and calves	126	2 776	142	2 944	106	2 595	123	2 797
\$1,000	(X)	823	(X)	(NA)	(X)	781	(X)	573
Calves	69	1 167	(NA)	(NA)	58	1 079	72	1 399
\$1,000	(X)	111	(X)	(NA)	(X)	103	(X)	139
Cattle	105	1 609	(NA)	(NA)	90	1 516	102	1 398
\$1,000	(X)	712	(X)	(NA)	(X)	677	(X)	434
Fattened cattle	34	(D)	(NA)	(NA)	28	(D)	24	426
Dairy products	\$1,000	(X)	(D)	(X)	(X)	(D)	(X)	173
	\$1,000	45	3 120	(NA)	42	(D)	58	2 551
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	45	2 880	40	1 384	37	2 811	27	1 224
Used or to be used for breeding	32	334	(NA)	(NA)	27	310	11	170
Other hogs and pigs	40	2 546	(NA)	(NA)	35	2 501	24	1 054
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	33	440	22	355	27	411	14	333
Dec. 1 of preceding year and May 31	32	233	15	229	27	213	10	218
June 1 and Nov. 30	28	207	20	126	23	198	13	115
Sheep and lambs	10	193	15	470	7	(D)	10	(D)
Ewes 1 year old or older	7	144	(NA)	(NA)	4	(D)	9	155
Goats	5	24	(NA)	(NA)	3	(D)	2	(D)
Horses and ponies	84	717	74	549	57	517	55	468
Sales:								
Hogs and pigs	43	4 239	31	2 639	34	4 119	22	2 514
\$1,000	(X)	359	(X)	(NA)	(X)	351	(X)	200
Feeder pigs	16	583	10	272	11	504	7	249
\$1,000	(X)	21	(X)	(NA)	(X)	17	(X)	4
Sheep and lambs	9	169	13	272	6	(D)	8	(D)
Sheep and lambs shorn	7	153	(NA)	(NA)	4	(D)	6	169
Pounds of wool	(X)	1 334	(X)	(NA)	(X)	(D)	(X)	1 160
Sheep, lambs, and wool	9	10	(NA)	(NA)	6	(D)	8	8
Goats	4	16	(NA)	(NA)	3	(D)	4	(D)
\$1,000	(X)	(Z)	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	28	83	15	68	22	71	12	60
\$1,000	(X)	590	(X)	(NA)	(X)	583	(X)	525
POULTRY								
Inventory:								
Any poultry	69	(X)	74	(X)	52	(X)	51	(X)
Chickens 3 months old or older	56	(D)	67	85 247	42	(D)	44	82 566
Hens and pullets of laying age	54	(D)	65	84 732	41	(D)	44	82 421
Pullets 3 months old or older	6	126	(NA)	(NA)	4	(D)	2	(D)
Pullet chicks and pullets under 3 months old	4	360	(NA)	(NA)	3	(D)	1	(D)
Broilers and other meat-type chickens	14	1 524	11	822	9	940	5	(D)
Turkeys	5	(D)	(NA)	(NA)	3	(D)	5	(D)
Turkeys for slaughter	3	(D)	(NA)	(NA)	3	(D)	5	(D)
Turkey hens kept for breeding	3	(D)	(NA)	(NA)	1	(D)	1	(D)
Other poultry	23	(X)	(NA)	(X)	13	(X)	9	(X)
Sales:								
Any poultry	23	(X)	32	(X)	17	(X)	22	(X)
Chickens 3 months old or older	12	(D)	29	69 596	9	(D)	19	68 811
Hens and pullets of laying age	12	(D)	28	69 405	9	(D)	19	68 795
Pullets 3 months old or older	~	~	(NA)	(NA)	~	~	~	~
Pullet chicks and pullets under 3 months old	~	~	(NA)	(NA)	~	~	~	~
Broilers and other meat-type chickens	6	1 407	1	(D)	3	(D)	5	9 321
Turkeys	2	(D)	(NA)	(NA)	2	(D)	5	9 321
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	5	9 321
Turkey hens kept for breeding	~	~	(NA)	(NA)	~	~	~	~
Other poultry	3	(X)	(NA)	(X)	2	(X)	2	(X)
Poultry and poultry products	\$1,000	32	985	46	670	23	980	30
								659

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--	256	36 033	(X)	2	(D)	236	35 805	(X)	2	(D)
	1974--	229	20 914	(X)	(NA)	(NA)	214	20 634	(X)	1	(D)
For grain or seed (bushels)-----	1978--	248	34 195	3 485 654	2	(D)	230	34 043	3 470 770	2	(D)
	1974--	218	18 892	1 787 507	(NA)	(NA)	204	18 687	1 773 202	1	(D)
For silage or green chop (tons, green)-----	1978--	42	(D)	27 919	-	-	39	(D)	(D)	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	60	1 907	26 922	-	-
For fodder, hogged or grazed -----	1978--	1	(D)	(X)	-	-	2	(D)	(X)	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Sorghums for all purposes -----	1978--	8	(D)	(X)	-	-	7	(D)	(X)	-	-
	1974--	5	(D)	(X)	(NA)	(NA)	5	(D)	(X)	-	-
For grain or seed (bushels)-----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	-	-
For silage or green chop (tons, green)-----	1978--	8	123	2 460	-	-	7	(D)	(D)	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	5	63	545	-	-
Cut for dry forage or hay (tons, dry)-----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(X)	-	-
Hogged or grazed -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Wheat for grain (bushels)-----	1978--	70	3 207	132 621	-	-	66	3 181	131 934	-	-
	1974--	162	9 435	372 466	(NA)	(NA)	157	9 320	370 494	-	-
Oats for grain (bushels)-----	1978--	14	182	4 684	-	-	13	(D)	(D)	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	13	150	6 149	-	-
Barley for grain (bushels)-----	1978--	51	2 141	105 922	1	(D)	50	(D)	(D)	1	(D)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	54	1 727	90 154	-	-
Rye for grain (bushels)-----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	17	146	4 500	-	-
Other small grains for grain-----	1978--	1	(D)	(X)	-	-	-	-	(X)	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Soybeans for beans (bushels)-----	1978--	231	32 100	938 189	1	(D)	217	31 974	934 208	1	(D)
	1974--	221	31 451	885 199	(NA)	(NA)	210	31 296	881 519	-	-
Peanuts for nuts (pounds)-----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	-	-	-	(NA)	(NA)	-	-	-	-	-
Cotton (bales)-----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	-	-	-	(NA)	(NA)	-	-	-	-	-
Tobacco (pounds)-----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	-	-	-	(NA)	(NA)	-	-	-	-	-
Irish potatoes (hundredweight)-----	1978--	11	993	181 680	6	(D)	11	993	181 680	6	(D)
	1974--	13	870	199 386	(NA)	(NA)	11	(D)	(D)	4	305
Sweetpotatoes (bushels)-----	1978--	1	(D)	(D)	-	-	1	(D)	(D)	-	-
	1974--	-	-	-	(NA)	(NA)	-	-	-	-	-
Hay crops (tons, dry) (see text)-----	1978--	169	7 983	16 759	-	-	132	7 202	15 629	-	-
	1974--	170	6 459	15 335	(NA)	(NA)	152	6 141	14 691	-	-
Alfalfa hay (tons, dry)-----	1978--	81	2 476	7 313	-	-	71	2 290	6 904	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	73	2 446	7 128	-	-
Other tame dry hay (tons, dry) (see text)-----	1978--	111	3 004	6 025	-	-	89	2 704	5 591	-	-
Field seed crops-----	1978--	2	(D)	(X)	-	-	2	(D)	(X)	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	7	325	(X)	-	-
Alfalfa seed (pounds)-----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Red clover seed (pounds)-----	1978--	2	(D)	(D)	-	-	2	(D)	(D)	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	7	325	15 040	-	-
All vegetables harvested for sale (see text)-----	1978--	41	1 383	(X)	6	543	30	1 348	(X)	6	543
	1974--	59	1 910	(X)	(NA)	(NA)	46	1 882	(X)	8	380
Sweet corn-----	1978--	31	537	(X)	2	(D)	23	518	(X)	2	(D)
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	37	1 049	(X)	2	(D)
Tomatoes-----	1978--	16	98	(X)	3	(D)	10	(D)	(X)	3	(D)
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	16	192	(X)	7	180
Green peas excluding cowpeas-----	1978--	6	297	(X)	2	(D)	4	(D)	(X)	2	(D)
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	4	275	(X)	1	(D)
Land in orchards-----	1978--	14	34	(X)	-	-	7	(D)	(X)	-	-
	1974--	15	63	(X)	(NA)	(NA)	5	(D)	(X)	1	(D)
Apples (pounds)-----	1978--	11	(D)	(D)	(NA)	(NA)	5	(D)	(D)	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	(D)	(D)	(NA)	(NA)
Peaches (pounds)-----	1978--	7	(D)	(D)	(NA)	(NA)	4	(D)	(D)	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	12	119 400	(NA)	(NA)	(NA)
Grapes (pounds) (see text)-----	1978--	8	4	8 000	(NA)	(NA)	3	2	(D)	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(NA)	(NA)	(NA)
Berries-----	1978--	11	23	(X)	2	(D)	4	(D)	(X)	2	(D)
	1974--	9	14	(X)	(NA)	(NA)	9	14	(X)	1	(D)
Strawberries (pounds)-----	1978--	11	23	(D)	2	(D)	4	(D)	(D)	2	(D)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	7	13	58 975	1	(D)
Nursery and greenhouse products-----	1978--	44	466	(X)	25	50	37	454	(X)	23	(D)
	1974--	-	-	(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	1 942	352 734	1 992	334 023	1 792	347 000	1 816	327 677
Average size of farm (X)	182	(X)	168	(X)	194	(X)	180	(X)
Approximate land area (X)	608 000	(X)	607 936	(X)	608 000	(X)	607 936	(X)
Proportion in farms percent	58.0	(X)	54.9	(X)	57.1	(X)	53.9	(X)
Value of land and buildings: ¹								
Average per farm dollars	236 441	(X)	151 957	(X)	251 554	(X)	162 570	(X)
Average per acre dollars	1 352	(X)	906	(X)	1 351	(X)	901	(X)
Land in farms according to use:								
Total cropland	1 533	269 931	1 546	248 421	1 395	266 869	1 384	246 085
Harvested cropland	1 452	255 537	1 486	238 381	1 327	253 916	1 341	236 747
By acres harvested:								
1 to 9 acres	146	674	151	(NA)	91	362	81	(NA)
10 to 19 acres	149	2 004	166	(NA)	102	1 445	103	(NA)
20 to 29 acres	149	3 535	141	(NA)	131	3 145	133	(NA)
30 to 49 acres	201	7 574	216	(NA)	199	(D)	213	(NA)
50 to 99 acres	257	18 290	303	(NA)	255	(D)	303	(NA)
100 to 199 acres	219	31 011	208	(NA)	218	(D)	207	(NA)
200 to 499 acres	202	61 653	187	(NA)	202	61 653	187	(NA)
500 to 999 acres	85	59 155	75	(NA)	85	59 155	75	(NA)
1,000 acres or more	44	71 641	39	(NA)	44	71 641	39	(NA)
Cropland used only for pasture	274	6 249	250	6 003	244	5 012	204	5 457
Other cropland	290	8 145	156	4 037	271	7 941	146	3 881
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	53	1 742	(NA)	(NA)	52	(D)	43	805
Cropland on which all crops failed	40	980	(NA)	(NA)	38	(D)	18	477
Cropland in cultivated summer fallow	12	877	(NA)	(NA)	7	831	9	428
Cropland idle	208	4 546	(NA)	(NA)	197	4 399	84	2 171
Total woodland	905	62 908	818	62 439	841	60 869	743	59 444
Woodland pastured	121	5 332	(NA)	(NA)	110	5 009	117	7 494
Woodland not pastured	818	57 576	(NA)	(NA)	762	55 860	649	51 950
Other land	1 291	19 895	1 374	23 163	1 208	19 262	1 255	22 148
Pastureland and rangeland, other than cropland and woodland pastured	83	4 416	(NA)	(NA)	78	4 359	75	2 699
Land in house lots, ponds, roads, wasteland, etc.	1 274	15 479	(NA)	(NA)	1 193	14 903	1 234	19 449
Pastureland, all types	417	15 997	(NA)	(NA)	376	14 380	(NA)	15 650
Irrigated land	117	17 482	61	6 995	110	17 421	56	6 924
Harvested cropland irrigated	116	17 280	(NA)	(NA)	110	17 220	53	6 846
Pastureland irrigated	5	(D)	(NA)	(NA)	4	(D)	(NA)	(D)
Other land irrigated	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Land set aside in the federal farm programs in 1978	132	2 944	(X)	(X)	130	(D)	(X)	(X)

¹1978 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	1 942	236 872	1 992	186 083	1 792	236 577	1 816	185 758
Average per farm dollars	(X)	121 973	(X)	93 415	(X)	132 018	(X)	102 290
Forms by value of agricultural products sold: ¹								
\$100,000 or more	700	201 922	505	(NA)	700	201 922	505	(NA)
\$40,000 to \$99,999	362	24 687	501	(NA)	362	24 687	501	(NA)
\$20,000 to \$39,999	187	5 401	238	(NA)	187	5 401	238	(NA)
\$10,000 to \$19,999	184	2 619	202	(NA)	184	2 619	202	(NA)
\$5,000 to \$9,999	197	1 369	216	(NA)	197	1 369	216	(NA)
\$2,500 to \$4,999	162	579	147	(NA)	162	579	147	(NA)
Less than \$2,500 (see text)	148	(D)	181	(NA)	(X)	(X)	7	(NA)
\$2,000 to \$2,499	37	81	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	36	61	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	34	40	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	41	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	2	(D)	2	(NA)	(X)	(X)	(X)	(X)
Crops	1 403	46 846	1 437	44 743	1 289	46 665	(NA)	44 543
Grains	1 330	37 712	(NA)	(NA)	1 234	37 560	1 265	36 987
Commodity Credit Corporation loans	39	262	(NA)	(NA)	39	262	(NA)	(NA)
Cotton and cottonseed	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	65	147	(NA)	(NA)	58	(D)	69	146
Vegetables, sweet corn, and melons	216	6 061	(NA)	(NA)	201	6 046	140	4 730
Fruits, nuts, and berries	15	592	(NA)	(NA)	14	(D)	10	507
Nursery and greenhouse products	33	2 286	28	2 035	29	2 280	23	2 027
Other crops	11	48	(NA)	(NA)	11	48	15	147
Livestock, poultry, and their products	1 258	190 026	1 290	140 951	1 212	189 912	1 224	140 827
Poultry and poultry products	980	177 462	1 021	132 206	974	177 431	1 008	132 137
Dairy products	37	2 822	(NA)	(NA)	37	2 822	43	2 138
Cattle and calves	176	2 620	(NA)	(NA)	163	2 606	181	1 898
Hogs and pigs	351	6 825	(NA)	(NA)	330	(D)	325	4 489
Sheep, lambs, and wool	12	10	(NA)	(NA)	11	(D)	11	2
Other livestock and livestock products (see text)	58	287	(NA)	(NA)	45	279	24	162

¹1974 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									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms -----	1 942	1 992	352 734	1 452	343 256	255 537	117	91 905	67 445	17 482
Farms with-----										
1 to 9 acres-----	378	411	1 415	68	379	264	9	59	43	21
10 to 49 acres-----	501	522	12 957	367	10 138	7 223	11	303	187	65
50 to 69 acres-----	160	178	9 208	145	8 373	5 786	6	342	281	197
70 to 99 acres-----	175	180	14 518	161	13 372	8 819	5	382	273	154
100 to 139 acres-----	146	152	16 861	138	15 951	10 898	2	(D)	(D)	(D)
140 to 179 acres-----	105	99	16 610	102	16 130	10 656	8	(D)	(D)	(D)
180 to 219 acres-----	77	80	15 422	75	15 041	11 253	3	582	413	143
220 to 259 acres-----	58	58	13 848	57	13 603	10 238	2	(D)	(D)	(D)
260 to 499 acres-----	173	156	61 706	171	60 880	45 882	18	6 683	5 086	1 460
500 to 999 acres-----	107	103	73 516	106	72 716	57 828	28	19 838	16 382	5 911
1,000 to 1,999 acres-----	44	39	58 675	44	58 675	48 868	15	21 429	18 776	4 123
2,000 acres or more-----	18	14	57 998	18	57 998	37 822	10	(D)	(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 -----									
Harvested cropland-----	1 942	352 734	1 992	334 023	1 792	347 000	1 816	327 677	
Tenure of operator:									
Full owners-----	1 452	255 537	1 486	238 381	1 327	253 916	1 341	236 747	
Harvested cropland-----	1 166	88 529	1 293	102 249	1 047	83 432	1 145	96 780	
Part owners-----	712	48 251	(NA)	56 192	611	46 985	(NA)	54 827	
Harvested cropland-----	616	244 361	535	213 923	601	243 902	523	213 341	
Tenants-----	605	189 203	(NA)	165 674	593	188 993	(NA)	165 545	
Harvested cropland-----	160	19 844	164	17 851	144	19 666	148	17 556	
Type of organization:									
Individual or family-----	1 696	220 872	(NA)	(NA)	1 556	215 874	1 637	221 696	
Partnership-----	156	(D)	(NA)	(NA)	150	47 555	133	46 568	
Corporation-----	85	82 438	(NA)	(NA)	83	(D)	46	59 413	
Other—cooperative, estate or trust, institutional, etc.-----	5	(D)	(NA)	(NA)	3	(D)	—	—	
All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more		All farms	
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:					Operators by place of residence:				
Forming-----	1 117	1 258	1 071	1 216	On farm operated-----				
Other-----	825	686	721	554	Not on farm operated-----				
Operators by age group:					Not reported-----				
Under 25 years-----	59	30	56	27	870	671	827	645	
25 to 34 years-----	236	186	218	160	94	72	91	68	
35 to 44 years-----	368	334	338	298	61	47	59	42	
45 to 54 years-----	472	535	446	492	50	49	47	43	
55 to 64 years-----	502	512	458	479	117	64	108	59	
65 years and over-----	305	347	276	314	200 days or more-----				
Average age-----	50.4	52.2	50.3	52.3	633	613	551	507	

¹Applies 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-----	1 139	32 862	1 167	28 008	1 110	32 789	1 139	27 989
Feed for livestock and poultry-----	1 221	107 220	1 290	87 728	1 171	107 148	1 216	87 651
Commercially mixed formula feeds-----	1 061	105 286	1 215	82 933	1 045	105 252	1 163	82 868
Animal health costs-----	987	1 760	(NA)	(NA)	965	1 754	948	1 596
Seeds, bulbs, plants, and trees-----	1 186	2 299	1 227	2 212	1 111	2 284	1 130	2 198
Commercial fertilizer-----	1 237	6 957	1 189	7 320	1 119	6 913	1 075	7 280
Other agricultural chemicals including lime-----	1 348	3 474	1 017	2 791	1 237	3 454	942	2 776
Hired farm labor-----	932	7 779	643	7 046	886	7 694	623	7 001
Contract labor-----	153	489	64	366	152	(D)	62	(D)
Customwork, machine hire, and rental of machinery and equipment-----	986	1 257	893	998	943	1 248	826	(D)
Energy and petroleum products-----	1 939	6 139	(NA)	(NA)	1 789	6 074	(NA)	(NA)
Petroleum products-----	1 937	4 552	1 928	3 408	1 787	4 498	1 773	3 371
Gasoline-----	1 793	1 971	(NA)	(NA)	1 643	1 941	1 696	1 825
Diesel fuel-----	830	1 128	(NA)	(NA)	819	1 125	519	532
LP gas, butane, and propane-----	437	1 021	(NA)	(NA)	431	(D)	407	543
Fuel oil-----	174	134	(NA)	(NA)	169	(D)	—	—
Natural gas-----	20	16	(NA)	(NA)	18	(D)	1 770	470
Kerosene, motor oil, and grease-----	1 937	283	(NA)	(NA)	1 787	279	(NA)	(NA)
Electricity-----	1 364	1 578	(NA)	(NA)	1 323	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.-----	34	9	(NA)	(NA)	34	(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	1 222	212 142	1 104	210 636	1 075	198 000
Cropland fertilized, except pasture	1 203	209 394	1 094	207 971	(NA)	195 846
Pasture and rangeland fertilized	107	2 748	87	2 665	(NA)	2 154
Lime	521	51 143	490	50 849	444	47 856
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	567	101 954	524	101 696	(NA)	78 378
Nematodes in crops	77	11 390	76	(D)	12	1 283
Diseases in crops and orchards	41	3 196	35	3 182	22	3 456
Weeds, grass, or brush in crops and pasture	1 054	193 580	966	191 833	(NA)	147 838
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	38	(D)	37	(D)	7	497
Insect control on livestock and poultry	285	(X)	273	(X)	35	(X)
Sanitation and rodent and bird control	292	(X)	278	(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		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms	\$1,000							
74 631	47 529	73 149	46 032		253	222	253	215
Average per farm	dollars				220	408	216	404
38 410	25 972	40 797	27 449		158	90	153	90
Farms by value group:					101	101	101	101
\$1 to \$4,999	152	298	119	254	144	124	143	123
\$5,000 to \$9,999	337	316	245	248				
\$10,000 to \$19,999	530	372	515	343	48	48	48	48
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
\$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								
1978								
SELECTED MACHINERY AND EQUIPMENT								
All farms								
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured
								1970 to 1974
Automobiles								
1 482	2 157	860	1 024	814	1 133	1 566	2 371	1 576
1 644	3 589	854	1 171	1 231	2 418	1 629	3 387	1 249
1 743	4 459	534	802	1 610	3 657	1 619	3 987	985
Wheel tractors								
Grain and bean combines, self-propelled only	626	728	182	219	460	509	524	582
Corn heads for combines	514	594	157	176	368	418	359	392
Other cornpickers and picker-shellers	149	170	13	17	136	153	297	330
Cottonpickers							(NA)	(NA)
Mower conditioners	218	242	125	137	96	105	219	229
Pickup balers	142	147	52	53	92	94	229	232
Field forage harvesters, shear bar or flywheel type	63	71	30	32	36	39	146	169

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—	
	Working 150 days or more		Working less than 150 days		Farms with sales of \$2,500 or more		
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	932	373	(X)	784	(X)	886	623
Workers	4 760	1 034		3 726		4 681	4 041
Farms with—							
1 worker	280	216	216	229	229	247	233
2 workers	146	35	70	137	274	140	96
3 or 4 workers	166	66	211	115	398	160	109
5 to 9 workers	210	41	234	204	1 339	210	97
10 workers or more	130	15	303	99	1 486	129	88

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	1 165	(X)	1 144	(X)	1 104	(X)	1 063	(X)
Any cattle, hogs, or sheep	489	(X)	504	(X)	449	(X)	447	(X)
Sales:								
Any livestock or poultry and their products	1 258	190 026	1 290	140 951	1 212	189 912	1 224	140 827
Any cattle, hogs, or sheep	462	9 455	474	(NA)	429	9 380	432	6 389
CATTLE AND CALVES								
Inventory:								
Cattle and calves	232	9 516	288	10 067	208	9 286	249	9 810
Cows and heifers that had calved	182	4 843	210	4 895	168	4 772	186	4 793
Beef cows	134	2 486	147	2 605	123	2 420	128	2 511
Milk cows	59	2 357	93	2 290	55	2 352	87	2 282
Heifers and heifer calves	138	2 694	(NA)	(NA)	126	2 596	140	3 016
Steers, steer calves, bulls and bull calves	153	1 979	(NA)	(NA)	136	1 918	163	2 001
Sales:								
Cattle and calves	176	6 000	202	6 417	163	5 938	181	6 322
\$1,000+	(X)	2 620	(X)	(NA)	(X)	2 606	(X)	1 898
Calves	112	1 582	(NA)	(NA)	103	1 543	117	1 816
Cattle	140	4 418	(NA)	(NA)	131	4 395	147	4 506
Fattened cattle	52	(D)	(NA)	(NA)	49	(D)	38	3 297
Dairy products	\$1,000+	(X)	(D)	(NA)	(X)	(D)	(X)	1 364
	\$1,000+	37	2 822	(NA)	37	2 822	43	2 138
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	345	47 998	343	35 466	323	46 706	307	35 047
Used or to be used for breeding	255	8 204	(NA)	(NA)	239	8 020	217	5 748
Other hogs and pigs	300	39 794	(NA)	(NA)	282	38 686	266	29 299
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	262	9 872	259	7 801	246	9 676	237	7 680
Dec. 1 of preceding year and May 31	228	4 318	219	3 578	216	4 227	202	3 524
June 1 and Nov. 30	234	5 554	217	4 223	221	5 449	196	4 156
Sheep and lambs	17	251	12	169	16	(D)	11	(D)
Ewes 1 year old or older	14	139	(NA)	(NA)	13	(D)	8	99
Goats	9	54	(NA)	(NA)	8	(D)	7	40
Horses and ponies	174	855	147	846	154	694	113	689
Sales:								
Hogs and pigs	351	78 444	355	67 853	330	77 282	325	67 156
\$1,000+	(X)	6 825	(X)	(NA)	(X)	6 766	(X)	4 489
Feeder pigs	125	22 657	118	14 539	116	21 837	106	14 143
\$1,000+	(X)	934	(X)	(NA)	(X)	901	(X)	332
Sheep and lambs	11	196	12	108	10	(D)	11	(D)
Sheep and lambs shorn	9	136	(NA)	(NA)	8	(D)	6	101
Pounds of wool	(X)	969	(X)	(NA)	(X)	(D)	(X)	691
Sheep, lambs, and wool	\$1,000+	12	10	(NA)	11	(D)	11	2
Goats	4	12	(NA)	(NA)	4	12	1	(D)
Horses and ponies	41	123	33	205	33	114	21	150
\$1,000+	(X)	277	(X)	(NA)	(X)	270	(X)	156
POULTRY								
Inventory:								
Any poultry	841	(X)	811	(X)	829	(X)	787	(X)
Chickens 3 months old or older	107	453 920	104	503 491	97	453 743	80	502 842
Hens and pullets of laying age	98	343 944	94	304 603	88	343 767	72	304 002
Pullets 3 months old or older	20	109 976	(NA)	(NA)	20	109 976	12	176 035
Pullet chicks and pullets under 3 months old	11	193 850	(NA)	(NA)	11	193 850	5	70 907
Broilers and other meat-type chickens	736	27 933 228	708	24 377 793	733	27 911 732	707	(D)
Turkeys	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—	—
Other poultry	38	(X)	(NA)	(X)	34	(X)	13	(X)
Sales:								
Any poultry	974	(X)	1 011	(X)	969	(X)	1 004	(X)
Chickens 3 months old or older	41	477 216	44	586 616	39	(D)	40	586 526
Hens and pullets of laying age	34	351 200	36	352 687	32	(D)	33	352 615
Pullets 3 months old or older	7	126 016	(NA)	(NA)	7	126 016	9	212 900
Pullet chicks and pullets under 3 months old	5	195 500	(NA)	(NA)	5	195 500	3	131 800
Broilers and other meat-type chickens	924	137 072 343	964	119 959 046	922	(D)	960	(D)
Turkeys	3	(D)	(NA)	(NA)	3	(D)	5	310 050
Turkeys for slaughter	3	(D)	(NA)	(NA)	3	(D)	5	310 050
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—	—
Other poultry	15	(X)	(NA)	(X)	14	(X)	7	(X)
Poultry and poultry products	\$1,000+	980	177 462	1 021	132 206	974	177 431	1 008

Table 10. Crops: 1978 and 1974

	All forms					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	827	80 447	(X)	57	9 200	796	80 057	(X)	55	(D)
1978	1 050	97 692	(X)	(NA)	(NA)	993	97 212	(X)	13	1 122
For grain or seed (bushels)	821	76 502	7 065 851	57	9 200	790	76 112	7 037 739	55	(D)
1978	1 035	95 803	6 079 799	(NA)	(NA)	978	95 323	6 061 443	13	1 122
For silage or green chop (tons, green)	34	3 945	59 717	—	—	34	3 945	59 717	—	—
1978	(NA)	(NA)	(NA)	(NA)	(NA)	49	1 763	22 858	—	—
For fodder, hogged or grazed	—	—	(X)	—	—	—	—	(X)	—	—
1978	(NA)	(NA)	(X)	(NA)	(NA)	18	126	(X)	—	—
Sorghums for all purposes	15	354	(X)	1	(D)	14	(D)	(X)	1	(D)
1978	13	130	(X)	(NA)	(NA)	11	(D)	(X)	—	—
For grain or seed (bushels)	6	(D)	(D)	—	—	6	(D)	(D)	—	—
1978	—	—	(NA)	(NA)	(NA)	—	—	—	—	—
For silage or green chop (tons, green)	9	275	5 635	1	(D)	8	(D)	(D)	1	(D)
1978	(NA)	(NA)	(NA)	(NA)	(NA)	5	73	730	—	—
Cut for dry forage or hay (tons, dry)	—	—	—	—	—	—	—	—	—	—
1978	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	—	—
Hogged or grazed	—	—	(X)	—	—	—	—	(X)	—	—
1978	(NA)	(NA)	(X)	(NA)	(NA)	4	(D)	(X)	—	—
Wheat for grain (bushels)	138	5 636	193 607	2	(D)	136	(D)	(D)	2	(D)
1978	261	18 426	636 273	(NA)	(NA)	253	18 341	634 106	2	(D)
Oats for grain (bushels)	10	204	5 475	—	—	7	181	4 890	—	—
1978	(NA)	(NA)	(NA)	(NA)	(NA)	7	85	2 766	—	—
Barley for grain (bushels)	225	13 473	585 953	3	92	223	(D)	(D)	3	92
1978	(NA)	(NA)	(NA)	(NA)	(NA)	246	14 532	637 353	1	(D)
Rye for grain (bushels)	26	291	6 675	—	—	25	(D)	(D)	—	—
1978	(NA)	(NA)	(NA)	(NA)	(NA)	115	1 619	41 347	—	—
Other small grains for grain	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
1978	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Soybeans for beans (bushels)	1 242	152 135	4 376 272	20	(D)	1 159	151 191	4 353 370	19	(D)
1978	1 162	112 274	2 897 944	(NA)	(NA)	1 092	111 485	2 881 796	16	1 137
Peanuts for nuts (pounds)	—	—	—	—	—	—	—	—	—	—
1978	—	—	(NA)	(NA)	(NA)	—	—	—	—	—
Cotton (bales)	—	—	—	—	—	—	—	—	—	—
1978	—	—	(NA)	(NA)	(NA)	—	—	—	—	—
Tobacco (pounds)	—	—	—	—	—	—	—	—	—	—
1978	—	—	(NA)	(NA)	(NA)	—	—	—	—	—
Irish potatoes (hundredweight)	14	82	7 119	1	(D)	12	(D)	(D)	1	(D)
1978	25	151	21 887	(NA)	(NA)	21	150	21 656	3	4
Sweetpotatoes (bushels)	6	6	411	—	—	4	(D)	(D)	—	—
1978	15	40	15 963	(NA)	(NA)	11	(D)	(D)	—	—
Hay crops (tons, dry) (see text)	204	5 315	11 081	5	(D)	185	5 117	10 720	5	(D)
1978	206	4 672	10 017	(NA)	(NA)	176	4 436	9 648	1	(D)
Alfalfa hay (tons, dry)	93	1 565	4 969	3	(D)	81	1 438	4 754	3	(D)
1978	(NA)	(NA)	(NA)	(NA)	(NA)	64	1 101	3 454	1	(D)
Other tame dry hay (tons, dry) (see text)	113	1 303	2 436	2	(D)	104	1 234	2 291	2	(D)
Field seed crops	2	(D)	(X)	—	(NA)	2	(D)	(X)	—	—
1978	(NA)	(NA)	(X)	(NA)	(NA)	9	126	(X)	—	—
Alfalfa seed (pounds)	—	—	—	—	—	—	—	—	—	—
1978	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Red clover seed (pounds)	2	(D)	(D)	—	(NA)	2	(D)	(D)	—	—
1978	(NA)	(NA)	(D)	(NA)	(NA)	5	86	27 370	—	—
All vegetables harvested for sale (see text)	216	19 610	(X)	70	6 834	201	19 564	(X)	68	(D)
1978	156	17 643	(X)	(NA)	(NA)	141	17 597	(X)	39	4 646
Sweet corn	68	1 942	(X)	31	1 458	64	1 934	(X)	31	1 458
1978	(NA)	(NA)	(X)	(NA)	(NA)	24	571	(X)	7	223
Tomatoes	45	482	(X)	13	103	41	481	(X)	13	103
1978	(NA)	(NA)	(X)	(NA)	(NA)	24	408	(X)	6	140
Green peas excluding cowpeas	38	4 155	(X)	25	2 083	38	4 155	(X)	25	2 083
1978	(NA)	(NA)	(X)	(NA)	(NA)	35	4 924	(X)	13	1 175
Land in orchards	13	424	(X)	1	(D)	11	(D)	(X)	1	(D)
1978	11	514	(X)	(NA)	(NA)	9	(D)	(X)	2	(D)
Apples (pounds)	8	(D)	(D)	(NA)	(NA)	7	(D)	(D)	(NA)	(NA)
1978	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	9	163	1 213 585	(NA)	(NA)	8	(D)	(D)	(NA)	(NA)
1978	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	187	669 000	(NA)	(NA)
Grapes (pounds) (see text)	7	5	12 342	(NA)	(NA)	5	(D)	(D)	(NA)	(NA)
1978	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
Berries	14	61	(X)	5	(D)	12	(D)	(X)	5	(D)
1978	11	41	(X)	(NA)	(NA)	10	(D)	(X)	3	5
Strawberries (pounds)	13	27	(D)	5	(D)	11	(D)	(D)	5	(D)
1978	(NA)	(NA)	(NA)	(NA)	(NA)	9	10	46 870	3	4
Nursery and greenhouse products	33	977	(X)	15	69	29	973	(X)	12	64
1978	1	(D)	(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	234	9 399	(NA)	(NA)	158	7 527	(NA)	(NA)
Average size of farm	(X)	40	(X)	(NA)	(X)	48	(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	78 456	(X)	(NA)	(X)	87 114	(X)	(NA)	(X)
Average per acre		1 953	(X)	(NA)		1 829	(X)	(NA)
Land in farms according to use:								
Total cropland	185	6 426	(NA)	(NA)	121	5 332	(NA)	(NA)
Harvested cropland	138	3 661	(NA)	(NA)	87	3 133	(NA)	(NA)
By acres harvested:								
1 to 9 acres	62	276	(NA)	(NA)	25	104	(NA)	(NA)
10 to 19 acres	25	266	(NA)	(NA)	21	210	(NA)	(NA)
20 to 29 acres	5	130	(NA)	(NA)	—	—	(NA)	(NA)
30 to 49 acres	13	482	(NA)	(NA)	8	312	(NA)	(NA)
50 to 99 acres	29	1 815	(NA)	(NA)	29	1 815	(NA)	(NA)
100 to 199 acres	4	692	(NA)	(NA)	4	692	(NA)	(NA)
200 to 499 acres	—	—	(NA)	(NA)	—	—	(NA)	(NA)
500 to 999 acres	—	—	(NA)	(NA)	—	—	(NA)	(NA)
1,000 acres or more	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cropland used only for pasture	77	2 047	(NA)	(NA)	54	1 936	(NA)	(NA)
Other cropland	24	718	(NA)	(NA)	14	263	(NA)	(NA)
Cropland in cover crops, legumes, and soil-improvement								
grasses, not harvested or pastured	5	450	(NA)	(NA)	—	—	(NA)	(NA)
Cropland on which all crops failed	10	30	(NA)	(NA)	5	25	(NA)	(NA)
Cropland in cultivated summer fallow	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cropland idle	9	238	(NA)	(NA)	9	238	(NA)	(NA)
Total woodland	108	1 759	(NA)	(NA)	67	1 122	(NA)	(NA)
Woodland pastured	30	71	(NA)	(NA)	25	46	(NA)	(NA)
Woodland not pastured	78	1 688	(NA)	(NA)	42	1 076	(NA)	(NA)
Other land	204	1 214	(NA)	(NA)	142	1 073	(NA)	(NA)
Pastureland and rangeland, other than cropland and woodland pastured	30	174	(NA)	(NA)	26	162	(NA)	(NA)
Land in house lots, ponds, roads, wasteland, etc	204	1 040	(NA)	(NA)	142	911	(NA)	(NA)
Pastureland, all types	102	2 292	(NA)	(NA)	75	2 144	(NA)	(NA)
Irrigated land	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Harvested cropland irrigated	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Pastureland irrigated	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Other land irrigated	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Land set aside in the federal farm programs in 1978	—	—	(X)	(X)	—	—	(X)	(X)

¹1978 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	234	4 756	(NA)	(NA)	158	4 691	(NA)	(NA)
Average per farm	(X)	20 323	(X)	(NA)	(X)	29 689	(X)	(NA)
Forms by value of agricultural products sold: ¹								
\$100,000 or more	9	1 403	(NA)	(NA)	9	1 403	(NA)	(NA)
\$40,000 to \$99,999	39	2 195	(NA)	(NA)	39	2 195	(NA)	(NA)
\$20,000 to \$39,999	25	516	(NA)	(NA)	25	516	(NA)	(NA)
\$10,000 to \$19,999	17	209	(NA)	(NA)	17	209	(NA)	(NA)
\$5,000 to \$9,999	46	294	(NA)	(NA)	46	294	(NA)	(NA)
\$2,500 to \$4,999	22	75	(NA)	(NA)	22	75	(NA)	(NA)
Less than \$2,500 (see text)	76	65	(NA)	(NA)	(X)	(X)	(NA)	(NA)
\$2,000 to \$2,499	4	9	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	15	26	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	4	4	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	53	26	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	—	—	(NA)	(NA)	(X)	(X)	(X)	(X)
Crops	108	459	(NA)	(NA)	79	427	(NA)	(NA)
Grains	99	433	(NA)	(NA)	75	407	(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	9	9	(NA)	(NA)	4	4	(NA)	(NA)
Vegetables, sweet corn, and melons	9	17	(NA)	(NA)	4	16	(NA)	(NA)
Fruits, nuts, and berries	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Nursery and greenhouse products	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Other crops	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Livestock, poultry, and their products	167	4 297	(NA)	(NA)	124	4 264	(NA)	(NA)
Poultry and poultry products	41	2 966	(NA)	(NA)	41	2 966	(NA)	(NA)
Dairy products	11	561	(NA)	(NA)	11	561	(NA)	(NA)
Cattle and calves	23	138	(NA)	(NA)	23	138	(NA)	(NA)
Hogs and pigs	81	202	(NA)	(NA)	43	179	(NA)	(NA)
Sheep, lambs, and wool	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Other livestock and livestock products (see text)	26	430	(NA)	(NA)	21	420	(NA)	(NA)

¹1974 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									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	234	(NA)	9 399	138	8 506	3 661	—	—	—	—
Farms with —										
1 to 9 acres	98	(NA)	326	35	149	102	—	—	—	—
10 to 49 acres	86	(NA)	1 888	57	1 404	726	—	—	—	—
50 to 69 acres	12	(NA)	700	8	468	236	—	—	—	—
70 to 99 acres	5	(NA)	440	5	440	350	—	—	—	—
100 to 139 acres	9	(NA)	1 130	9	1 130	605	—	—	—	—
140 to 179 acres	4	(NA)	560	4	560	120	—	—	—	—
180 to 219 acres	16	(NA)	3 199	16	3 199	830	—	—	—	—
220 to 259 acres	—	(NA)	—	—	—	—	—	—	—	—
260 to 499 acres	4	(NA)	1 156	4	1 156	692	—	—	—	—
500 to 999 acres	—	(NA)	—	—	—	—	—	—	—	—
1,000 to 1,999 acres	—	(NA)	—	—	—	—	—	—	—	—
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	234	9 399	(NA)	(NA)	158	7 527	(NA)	(NA)	
Harvested cropland	138	3 661	(NA)	(NA)	87	3 133	(NA)	(NA)	
Tenure of operator:									
Full owners	222	9 139	(NA)	(NA)	154	7 331	(NA)	(NA)	
Harvested cropland	130	3 413	(NA)	(NA)	83	2 941	(NA)	(NA)	
Part owners	8	256	(NA)	(NA)	4	196	(NA)	(NA)	
Harvested cropland	8	248	(NA)	(NA)	4	192	(NA)	(NA)	
Tenants	4	4	(NA)	(NA)	—	—	(NA)	(NA)	
Harvested cropland	—	—	(NA)	(NA)	—	—	(NA)	(NA)	
Type of organization:									
Individual or family	234	9 399	(NA)	(NA)	158	7 527	(NA)	(NA)	
Partnership	—	—	(NA)	(NA)	—	—	(NA)	(NA)	
Corporation	—	—	(NA)	(NA)	—	—	(NA)	(NA)	
Other—cooperative, estate or trust, institutional, etc.	—	—	(NA)	(NA)	—	—	(NA)	(NA)	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974			1978	1974	1978	1974
Operators by principal occupation:									
Farming	75	(NA)	61	(NA)	Operators by place of residence:				
Other	159	(NA)	97	(NA)	On farm operated	212	(NA)	141	(NA)
Operators by age group:					Not on farm operated	18	(NA)	13	(NA)
Under 25 years	15	(NA)	15	(NA)	Not reported	4	—	4	(NA)
25 to 34 years	68	(NA)	47	(NA)	Operators reporting days of work off farm:				
35 to 44 years	40	(NA)	8	(NA)	None	73	(NA)	49	(NA)
45 to 54 years	35	(NA)	21	(NA)	1 to 49 days	13	(NA)	13	(NA)
55 to 64 years	18	(NA)	18	(NA)	50 to 99 days	4	(NA)	—	(NA)
65 years and over	58	(NA)	49	(NA)	100 to 149 days	—	(NA)	—	(NA)
Average age	46.4	—	48.5	—	150 to 199 days	34	(NA)	25	(NA)
					200 days or more	110	(NA)	71	(NA)

¹Applies 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	126	845	(NA)	(NA)	104	799	(NA)	(NA)
Feed for livestock and poultry	186	2 789	(NA)	(NA)	133	2 670	(NA)	(NA)
Commercially mixed formula feeds	148	2 617	(NA)	(NA)	120	2 562	(NA)	(NA)
Animal health costs	127	335	(NA)	(NA)	100	301	(NA)	(NA)
Seeds, bulbs, plants, and trees	80	26	(NA)	(NA)	61	23	(NA)	(NA)
Commercial fertilizer	115	80	(NA)	(NA)	82	67	(NA)	(NA)
Other agricultural chemicals including lime	98	63	(NA)	(NA)	70	59	(NA)	(NA)
Hired farm labor	55	63	(NA)	(NA)	45	38	(NA)	(NA)
Contract labor	4	6	(NA)	(NA)	—	—	(NA)	(NA)
Customwork, machine hire, and rental of machinery and equipment	41	18	(NA)	(NA)	26	14	(NA)	(NA)
Energy and petroleum products	234	242	(NA)	(NA)	158	222	(NA)	(NA)
Petroleum products	234	167	(NA)	(NA)	158	151	(NA)	(NA)
Gasoline	225	100	(NA)	(NA)	149	87	(NA)	(NA)
Diesel fuel	58	27	(NA)	(NA)	58	27	(NA)	(NA)
LP gas, butane, and propane	19	24	(NA)	(NA)	19	24	(NA)	(NA)
Fuel oil	14	2	(NA)	(NA)	5	(Z)	(NA)	(NA)
Natural gas	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Kerosene, motor oil, and grease	234	15	(NA)	(NA)	158	13	(NA)	(NA)
Electricity	132	74	(NA)	(NA)	109	70	(NA)	(NA)
Other—coal, wood, coke, etc.	—	—	(NA)	(NA)	—	—	(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					
Cropland fertilized, except pasture	115	3 672	82	3 367	(NA) (NA)
Pasture and rangeland fertilized	115	3 227	82	2 927	(NA) (NA)
Lime	16	445	11	440	(NA) (NA)
Sprays, dusts, granules, fumigants, etc. to control—	46	1 226	41	1 221	(NA) (NA)
Insects on hay and other crops	44	758	35	694	(NA) (NA)
Nematodes in crops	5	10	—	—	(NA) (NA)
Diseases in crops and orchards	4	12	—	—	(NA) (NA)
Weeds, grass, or brush in crops and pasture	61	2 131	47	2 015	(NA) (NA)
Chemicals for—					
Defoliation or for growth control of crops or thinning of fruit	9	321	9	321	(NA) (NA)
Insect control on livestock and poultry	23	(X)	18	(X)	(X) (X)
Sanitation and rodent and bird control	34	(X)	29	(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		All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment							
\$1,000—							
Average per farm	234	(NA)	158	(NA)			
Farms by value group:	3 290	(NA)	2 917	(NA)			
\$1 to \$4,999	14 059	—	18 463	—			
\$5,000 to \$9,999	57	(NA)	35	(NA)			
\$10,000 to \$19,999	88	(NA)	39	(NA)			
	33	(NA)	28	(NA)			
ALL MACHINERY AND EQUIPMENT—Con.							
Estimated market value of all machinery and equipment—Con.							
\$20,000 to \$29,999	41	(NA)	—	(NA)	41	(NA)	
\$30,000 to \$49,999	—	(NA)	—	(NA)	—	(NA)	
\$50,000 to \$69,999	4	(NA)	—	(NA)	4	(NA)	
\$70,000 to \$99,999	11	(NA)	—	(NA)	11	(NA)	
\$100,000 to \$199,999	—	(NA)	—	(NA)	—	(NA)	
\$200,000 or more	—	(NA)	—	(NA)	—	(NA)	
1978							
All farms		Manufactured 1974 to 1978		Manufactured prior to 1974			
Farms	Number	Farms	Number	Farms	Number	Farms	Number
SELECTED MACHINERY AND EQUIPMENT							
Automobiles	98	157	64	68	67	89	(NA) (NA) (NA)
Motortrucks including pickups	178	254	95	100	117	154	(NA) (NA) (NA)
Wheel tractors	178	372	48	69	166	303	(NA) (NA) (NA)
Grain and bean combines, self-propelled only	32	37	15	15	17	22	(NA) (NA) (NA)
Corn heads for combines	32	32	15	15	17	17	(NA) (NA) (NA)
Other cornpickers and picker-shellers	15	15	—	—	15	15	(NA) (NA) (NA)
Cottonpickers	—	—	—	—	—	—	(NA) (NA) (NA)
Mower conditioners	16	16	5	5	11	11	(NA) (NA) (NA)
Pickup balers	28	50	11	11	28	39	(NA) (NA) (NA)
Field forage harvesters, shear bar or flywheel type	13	13	—	—	13	13	(NA) (NA) (NA)
1974							
Farms		Number		Farms		Number	
Manufactured 1970 to 1974							

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	
Forms	Workers	Working 150 days or more		Working less than 150 days		1978	1974
		Farms	Workers	Farms	Workers		
Workers		55	26	(X)	47	29	(X)
Farms with—	115	(X)	47	(X)	68	45	(NA)
1 worker	14	5	5	9	9	9	(NA)
2 workers	26	21	42	5	10	21	(NA)
3 or 4 workers	15	—	—	15	49	15	(NA)
5 to 9 workers	—	—	—	—	—	—	(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	195	(X)	(NA)	133	(X)	(NA)	(NA)
Any cattle, hogs, or sheep	114	(X)	(NA)	71	(X)	(NA)	(NA)
Sales:							
Any livestock or poultry and their products	167	4 297	(NA)	124	4 264	(NA)	(NA)
Any cattle, hogs, or sheep	100	340	(NA)	62	317	(NA)	(NA)
CATTLE AND CALVES							
Inventory:							
Cattle and calves	52	1 222	(NA)	32	1 194	(NA)	(NA)
Cows and heifers that had calved	43	740	(NA)	27	720	(NA)	(NA)
Beef cows	20	60	(NA)	16	56	(NA)	(NA)
Milk cows	27	680	(NA)	15	664	(NA)	(NA)
Heifers and heifer calves	11	440	(NA)	11	440	(NA)	(NA)
Steers, steer calves, bulls and bull calves	13	42	(NA)	9	34	(NA)	(NA)
Sales:							
Cattle and calves	23	553	(NA)	23	553	(NA)	(NA)
\$1,000	(X)	138	(X)	(X)	138	(X)	(NA)
Calves	15	169	(NA)	15	169	(NA)	(NA)
\$1,000	(X)	6	(X)	(X)	6	(X)	(NA)
Cattle	23	384	(NA)	23	384	(NA)	(NA)
\$1,000	(X)	132	(X)	(X)	132	(X)	(NA)
Fattened cattle	—	—	(NA)	—	—	(NA)	(NA)
Dairy products	—	—	(X)	(X)	—	(X)	(NA)
\$1,000	(X)	—	(NA)	(X)	—	(X)	(NA)
\$1,000	11	561	(NA)	11	561	(NA)	(NA)
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	95	2 160	(NA)	52	1 483	(NA)	(NA)
Used or to be used for breeding	87	507	(NA)	48	369	(NA)	(NA)
Other hogs and pigs	77	1 653	(NA)	43	1 114	(NA)	(NA)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	87	682	(NA)	48	572	(NA)	(NA)
Dec. 1 of preceding year and May 31	74	346	(NA)	48	292	(NA)	(NA)
June 1 and Nov. 30	73	336	(NA)	43	280	(NA)	(NA)
Sheep and lambs	—	—	(NA)	—	—	(NA)	(NA)
Ewes 1 year old or older	—	—	(NA)	—	—	(NA)	(NA)
Goats	—	—	(NA)	—	—	(NA)	(NA)
Horses and ponies	74	509	(NA)	43	225	(NA)	(NA)
Sales:							
Hogs and pigs	81	3 846	(NA)	43	3 170	(NA)	(NA)
\$1,000	(X)	202	(X)	(X)	179	(X)	(NA)
Feeder pigs	39	2 309	(NA)	30	2 230	(NA)	(NA)
\$1,000	(X)	99	(X)	(X)	96	(X)	(NA)
Sheep and lambs	—	—	(NA)	—	—	(NA)	(NA)
Sheep and lambs shorn	—	—	(NA)	—	—	(NA)	(NA)
Pounds of wool	(X)	—	(X)	(X)	—	(X)	(NA)
Sheep, lambs, and wool	—	—	(NA)	—	—	(NA)	(NA)
Goats	—	—	(NA)	—	—	(NA)	(NA)
\$1,000	(X)	—	(X)	(X)	—	(X)	(NA)
Horses and ponies	26	78	(NA)	21	63	(NA)	(NA)
\$1,000	(X)	430	(X)	(X)	420	(X)	(NA)
POULTRY							
Inventory:							
Any poultry	77	(X)	(NA)	52	(X)	(NA)	(NA)
Chickens 3 months old or older	44	1 994	(NA)	19	1 397	(NA)	(NA)
Hens and pullets of laying age	39	1 361	(NA)	19	989	(NA)	(NA)
Pullets 3 months old or older	20	633	(NA)	15	408	(NA)	(NA)
Pullet chicks and pullets under 3 months old	9	249	(NA)	4	24	(NA)	(NA)
Broilers and other meat-type chickens	56	764 644	(NA)	52	764 640	(NA)	(NA)
Turkeys	—	—	(NA)	—	—	(NA)	(NA)
Turkeys for slaughter	8	24	(NA)	—	—	(NA)	(NA)
Turkey hens kept for breeding	8	24	(NA)	—	—	(NA)	(NA)
Other poultry	21	(X)	(NA)	4	(X)	(NA)	(X)
Sales:							
Any poultry	41	(X)	(NA)	41	(X)	(NA)	(NA)
Chickens 3 months old or older	4	(D)	(NA)	4	(D)	(NA)	(NA)
Hens and pullets of laying age	4	(D)	(NA)	4	(D)	(NA)	(NA)
Pullets 3 months old or older	—	—	(NA)	—	—	(NA)	(NA)
Pullet chicks and pullets under 3 months old	—	—	(NA)	—	—	(NA)	(NA)
Broilers and other meat-type chickens	37	2 576 150	(NA)	37	2 576 150	(NA)	(NA)
Turkeys	—	—	(NA)	—	—	(NA)	(NA)
Turkeys for slaughter	—	—	(NA)	—	—	(NA)	(NA)
Turkey hens kept for breeding	—	—	(NA)	—	—	(NA)	(NA)
Other poultry	—	(X)	(NA)	—	(X)	(NA)	(X)
Poultry and poultry products	41	2 966	(NA)	41	2 966	(NA)	(NA)
\$1,000							

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	71	1 317	(X)	—	52	1 256	(X)	—	(NA)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
For grain or seed (bushels)-----	1978	71	1 317	120 285	(NA)	52	1 256	115 970	—	(NA)
	1974	(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)
For fodder, hogged or grazed -----	1978	—	—	(X)	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Sorghums for all purposes -----	1978	—	—	(X)	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
For grain or seed (bushels)-----	1978	—	—	—	—	—	—	—	—	—
	1974	(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)
Cut for dry forage or hay (tons, dry)-----	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hogged or grazed -----	1978	—	—	(X)	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Wheat for grain (bushels)-----	1978	15	217	4 860	—	15	217	4 860	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats for grain (bushels)-----	1978	21	235	9 225	—	11	165	6 600	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Barley for grain (bushels)-----	1978	4	56	1 200	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Rye for grain (bushels)-----	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other small grains for grain-----	1978	—	—	(X)	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Soybeans for beans (bushels)-----	1978	75	1 690	45 157	—	51	1 499	39 964	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peanuts for nuts (pounds)-----	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cotton (bales)-----	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco (pounds)-----	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Irish potatoes (hundredweight)-----	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sweetpotatoes (bushels)-----	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay crops (tons, dry) (see text)-----	1978	34	672	596	—	15	456	240	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Alfalfa hay (tons, dry)-----	1978	25	536	325	—	15	456	240	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other tame dry hay (tons, dry) (see text)-----	1978	9	96	256	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Field seed crops-----	1978	—	—	(X)	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Alfalfa seed (pounds)-----	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Red clover seed (pounds)-----	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All vegetables harvested for sale (see text)-----	1978	9	21	(X)	—	4	18	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Sweet corn-----	1978	4	2	(X)	—	4	2	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Tomatoes-----	1978	—	—	(X)	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Green peas excluding cowpeas-----	1978	4	1	(X)	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Land in orchards-----	1978	9	27	(X)	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Apples (pounds)-----	1978	5	1	—	(NA)	(NA)	(NA)	—	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds)-----	1978	9	25	—	(NA)	(NA)	(NA)	—	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)-----	1978	5	1	—	(NA)	(NA)	(NA)	—	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Berries-----	1978	—	—	(X)	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Strawberries (pounds)-----	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Nursery and greenhouse products-----	1978	—	—	(X)	—	—	—	(X)	—	—
	1978	—	—	(X)	(NA)	(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 HORTI-CULTURAL 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-14

TABLES

A. ESTIMATED NET PERCENT OF FARMS MISSED: 1974 CENSUS	A-13
B. PERCENT OF STATE TOTAL REPRESENTED BY ADJUSTMENT FOR WHOLE FARM NONRESPONSE: 1978	A-14
C. ESTIMATES OF THE SAMPLING RELIABILITY OF STATE TOTALS FOR SELECTED ITEMS: 1978	A-16
D. ESTIMATES OF THE SAMPLING RELIABILITY OF FARMS REPORTING AN ITEM IN THE COUNTY: 1978	A-17
E. 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 C. 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 C). 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 statisticians. 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. Table A provides these estimated 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 C.

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 underestimate 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 agri-

cultural 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 11,000 grove owners having 235,000 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 E.

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, cooperatives, 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. The estimates for net percent of farms missed are derived by subtracting over counted farms from total missed farms. The estimates represent the net effect on the counts of number of farms. These estimates are shown by State in table A.

Table A. Estimated Net Percent of Farms Missed: 1974 Census

Geographic area	Net percent missed	
	All farms	Farms with sales of \$2,500 or more
United States.....	10.7	4.7
Northeast.....	16.5	5.6
North Central.....	6.3	3.1
South.....	15.2	7.4
West.....	9.5	4.1
New England ¹	17.8	5.2
Middle Atlantic.....	16.2	5.7
New York.....	14.2	4.3
New Jersey.....	14.5	4.5
Pennsylvania.....	18.3	7.2
East North Central.....	7.1	2.9
Ohio.....	4.9	2.1
Indiana.....	7.2	3.6
Illinois.....	9.1	3.8
Michigan.....	9.9	6.0
Wisconsin.....	5.3	0.5
West North Central.....	5.6	3.2
Minnesota.....	9.0	5.5
Iowa.....	4.4	3.2
Missouri.....	9.6	4.7
North Dakota.....	4.4	3.2
South Dakota.....	1.5	1.6
Nebraska.....	0.7	0.0
Kansas.....	3.7	1.9
South Atlantic.....	16.6	7.0
Maryland-Delaware ¹	7.1	3.0
Virginia.....	13.5	4.5
West Virginia.....	33.0	11.7
North Carolina.....	14.1	9.2
South Carolina.....	22.8	0.8
Georgia.....	13.2	8.1
Florida.....	22.6	9.5
East South Central.....	14.8	7.8
Kentucky.....	10.5	6.3
Tennessee.....	18.2	11.2
Alabama.....	13.3	7.5
Mississippi.....	17.2	5.4
West South Central.....	14.5	7.3
Arkansas.....	16.7	10.0
Louisiana.....	23.7	12.3
Oklahoma.....	11.7	5.6
Texas.....	12.6	6.2
Mountain ¹	6.7	2.4
Pacific ²	11.6	5.6
Washington.....	10.8	6.4
Oregon.....	15.5	6.3
California.....	10.5	4.9

¹Data not compiled for individual States.

²Alaska and Hawaii not included.

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, programmed 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 B 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

Table B. **Percent of State Total Represented by Adjustment for Whole Farm Nonresponse: 1978**

Item	Percent of total
Farms.....	4.7
Land in farms.....	3.1
Value of agricultural products sold.....	1.1
Harvested cropland.....	2.9
Corn for grain or seed acres.....	2.8
Wheat for grain acres.....	1.7
Inventory:	
Cattle and calves.....	1.8
Hens and pullets of laying age.....	.1
Hogs and pigs.....	2.0

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 79 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.

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 sample farms to total 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 C 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 D contains estimates of sampling reliability for the estimated number of farms in a county reporting an item in table E. 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 E.

Table E contains estimates of sampling reliability for county totals for selected items. Estimates of sampling reliability in this table contain variation from the mail list 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 C, D, and E 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 C. 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.....	3,632	1.1	3,185	1.1	
Land in farms.....	679,045	.6	662,647	.6	
Harvested cropland.....	2,944	1.0	2,586	1.0	
Irrigated land.....	500,417	.5	495,466	.5	
Agricultural products sold.....	255	1.1	238	1.1	
Crops.....	33,725	1.1	33,631	1.1	
Livestock, poultry, and their products.....	3,632	1.1	3,185	1.1	
Value of machinery and equipment.....	\$1,000..	326,003	.6	325,180	.6
Wheat for grain.....	farms..	2,736	1.0	2,453	1.0
Soybean for beans.....	\$1,000..	103,396	.5	102,974	.5
Hogs and pigs inventory.....	farms..	2,077	1.7	1,894	1.8
Sheep and lambs inventory.....	\$1,000..	222,607	.8	222,205	.8
Commercial fertilizer used.....	farms..	3,632	1.1	3,167	1.2
Commercial fertilizer purchased.....	acres..	143,141	2.3	138,941	2.4
Average value of land and buildings per farm.....	dollars..	270,381	3.2	299,858	3.4
Corn for grain or seed.....	farms..	1,671	1.4	1,569	1.5
Hens and pullets of laying age inventory.....	acres..	157,834	.7	156,876	.7
Chemicals used on crops for insect control.....	bushels..	15,100,658	.7	15,029,165	.7
Chemicals used on crops for disease control.....	farms..	385	3.0	378	3.0
Diesel fuel purchased.....	acres..	16,423	1.5	16,375	1.5
Gasoline purchased.....	bushels..	576,890	1.4	575,483	1.4
Feed purchased.....	farms..	2,199	.8	2,029	.8
Hired farm labor.....	acres..	264,053	.6	262,481	.6
Sheep and lambs sold.....	bushels..	7,546,419	.6	7,502,475	.6
Hogs and pigs sold.....	farms..	717	2.5	610	2.5
Cattle and calves sold.....	number..	29,325	3.6	28,458	3.7
Cattle and calves inventory.....	farms..	590	2.3	533	2.5
Hogs and pigs inventory.....	number..	17,184	2.5	16,857	2.6
Sheep and lambs inventory.....	\$1,000..	5,904	1.8	5,829	1.9
Sheep and lambs purchased.....	farms..	672	3.8	572	3.7
Hens and pullets of laying age purchased.....	number..	63,465	2.8	61,155	2.8
Commercial chemicals purchased.....	farms..	655	3.8	564	3.6
Commercial chemicals used.....	\$1,000..	104,024	4.1	101,693	4.1
Commercial fertilizers purchased.....	number..	8,613	3.1	8,505	3.1
Commercial fertilizers used.....	farms..	33	3.4	29	3.5
Commercial fertilizers purchased.....	number..	590	5.2	526	5.3
Commercial fertilizers used.....	farms..	24	3.8	20	4.0
Commercial fertilizers purchased.....	acres..	461	5.4	400	5.6
Commercial fertilizers used.....	farms..	342	4.3	276	4.3
Commercial fertilizers purchased.....	number..	570,942	1.6	568,853	1.6
Commercial fertilizers used.....	farms..	88	4.5	80	4.8
Commercial fertilizers purchased.....	acres..	530,014	1.5	529,615	1.5
Commercial fertilizers purchased.....	farms..	2,540	1.7	2,202	2.1
Commercial fertilizers used.....	acres..	413,181	2.1	408,962	2.2
Commercial fertilizers purchased.....	farms..	2,585	1.7	2,260	1.8
Commercial fertilizers used.....	\$1,000..	14,246	2.2	14,127	2.2
Commercial fertilizers purchased.....	farms..	2,632	1.6	2,347	1.7
Commercial fertilizers used.....	\$1,000..	6,920	2.0	6,865	2.0
Commercial fertilizers purchased.....	farms..	1,146	3.9	1,032	4.1
Commercial fertilizers used.....	acres..	187,234	3.8	186,551	3.8
Commercial fertilizers purchased.....	farms..	127	13.6	115	13.0
Commercial fertilizers used.....	acres..	15,781	15.0	15,753	15.0
Commercial fertilizers purchased.....	farms..	3,401	1.4	2,950	1.5
Commercial fertilizers used.....	1,000 gallons..	6,295	2.4	(NA)	(NA)
Commercial fertilizers purchased.....	\$1,000..	3,724	2.4	3,626	2.5
Commercial fertilizers purchased.....	farms..	1,596	3.1	1,558	3.1
Commercial fertilizers purchased.....	1,000 gallons..	4,602	3.9	(NA)	(NA)
Commercial fertilizers purchased.....	\$1,000..	2,236	3.9	2,227	4.0
Commercial fertilizers purchased.....	farms..	1,724	2.5	1,604	1.6
Commercial fertilizers purchased.....	\$1,000..	37,128	2.5	36,974	1.6
Commercial fertilizers purchased.....	farms..	2,051	2.5	1,846	2.5
Commercial fertilizers purchased.....	\$1,000..	121,055	2.5	120,736	2.5
Commercial fertilizers purchased.....	farms..	1,648	3.2	1,553	3.2
Commercial fertilizers purchased.....	\$1,000..	15,194	3.6	14,986	2.6

Table D. 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.....	30.0	1,000 farms.....	2.0
50 farms.....	18.0	1,500 farms.....	1.0
100 farms.....	14.0	2,000 farms.....	1.0
250 farms.....	9.0	3,000 farms.....	(NA)
500 farms.....	4.0	4,000 farms.....	(NA)
750 farms.....	3.0	5,000 farms.....	(NA)

Table E. 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)	Standard error Acres (percent)	Standard error Acres (percent)	Standard error Acres (percent)	
Kent.....	276,741	2.8	43,811	3.8	132,002	3.0	56,443	8.4
New Castle.....	501,506	13.0	21,409	7.6	65,365	8.5	28,079	12.9
Sussex.....	236,441	1.8	74,631	2.4	212,142	2.6	101,954	3.8
Farms not on mail list.....	78,456	23.0	3,290	37.0	3,672	35.0	758	49.0
Farm production expenses								
County	Gasoline		Diesel fuel		Livestock and poultry purchased		Feed	
	Expense (\$1,000)		Expense (\$1,000)		Expense (\$1,000)		Standard error Expense (\$1,000) (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)
Kent.....	1,162	4.9	775	9.1	3,063	5.3	8,295	9.4
New Castle.....	492	8.0	306	7.6	358	11.9	1,394	16.4
Sussex.....	1,971	2.6	1,128	3.9	32,862	1.2	105,286	1.8
Farms not on mail list.....	100	30.0	27	71.0	845	48.0	2,617	37.0

**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
Delaware -----	3 632	3 400	326 003	250 902	4 068	3 553	326 153	250 943	436	153	150	41
Kent -----	1 004	976	60 130	45 048	1 112	1 039	60 166	45 064	108	63	35	16
New Castle-----	452	432	24 245	19 770	508	468	24 265	19 777	56	36	20	7
Sussex -----	1 942	1 992	236 872	186 083	2 034	2 046	236 911	186 100	92	54	39	17
Farms not on mail list-----	234	(NA)	4 756	(NA)	414	(NA)	4 811	(NA)	180	(NA)	56	(NA)

APPENDIX C. Report Forms

DUE BY FEBRUARY 15, 1979

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.)

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
043	
044	
045	
046	

1. All land owned.....
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.....
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below.....
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.

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 tenter.

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, None 053 how many acres did you own?..... 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 Yes No
8. How many set aside acres did you have in the Federal Farm Program in 1978?..... None 056 Acres

9. LOCATION OF AGRICULTURAL ACTIVITY FOR THIS PLACE

Principal county	County name	State	Number of acres
			056
Other counties			057
			058
			059

1978 CENSUS OF AGRICULTURE			
U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS			
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. <small>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.</small>			
<small>If you received more than one report, enter extra Census File Number(s) here and return extra copies with your completed report.</small>			
CENSUS	035	036	037
USE	038	046	041
ONLY			042
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.			
INSTRUCTIONS 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	<input type="checkbox"/> YES - Complete this section <input type="checkbox"/> NO - Go to section 4		
<small>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.</small>			
• DRY HAY <small>(If two or more cuttings of dry hay were made from the same acres, report acre only once, but report total tons from all cuttings.)</small>			
1. Alfalfa and alfalfa mixtures for hay or dehydration	103	104 Tons, dry	105
2. Small grain hay - oats, wheat, barley, etc.	106	107 Tons, dry	108
3. Other tame dry hay - clover, rye, rye-grass, 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 <small>(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.)</small>			
5. Grass silage and haylage	115	116 Tons, green	117
6. Hay crops cut and fed green (green chop)	116	119 Tons, green	120

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.

1. Grains sold in 1978, including Government CCC loans —	None	Dollars	Cents
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?	None	Dollars	Cents
		777	\$
2. Cotton and cottonseed, including Government CCC loans		778	\$
a. Of the total, how much was received in 1978 from Government CCC loans?	None	Dollars	Cents
		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.		794
a. Woodland pastured		795
b. Woodland not pastured		796
4. Other pastureland and rangeland — Include any pastureland other than cropland and woodland pasture		797
5. All other land — Land in house lots, ponds, roads, wasteland, etc. Include any land not reported in Items 2 through 4 above.		798
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. <input type="checkbox"/> YES — Complete this section		
2. <input type="checkbox"/> 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 bearing 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
803	Total all ages
804	Beef cows
805	Milk cows
806	Heifers and heifer 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.

2. Calves weighing less than 500 pounds
3. Cattle, including calves weighing 500 pounds or more

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?

• DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1978

4. Gross value of sales of DAIRY PRODUCTS from this place in 1978. Report goat dairy products in section 15

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
815	Total
816	Breeding
817	Other

• LITTERS FARROWED
2. LITTERS FARROWED on this place between —

a. December 1, 1977 and May 31, 1978

b. June 1, 1978 and November 30, 1978

• HOGS AND PIGS SOLD
3. HOGS AND PIGS SOLD from this place in 1978

4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?

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
824	825	
826		826

2. SHEEP and LAMBS SHORN

None	Number shorn	Pounds of wool shorn
827	828	

None	Gross value of sales
829	Dollars Cents
	\$

SECTION 15 Did you or anyone else have any HORSES, BEES, FISH, OTHER LIVESTOCK, or ANIMAL SPECIALTIES in 1978?																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>015 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 16</p> <table border="1"> <thead> <tr> <th rowspan="2">None</th> <th>INVENTORY Number on this place Dec. 31, 1978</th> <th>Total number sold in 1978</th> <th colspan="2">Gross value of sales</th> </tr> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>1. Horses and ponies of all ages</td> <td>830</td> <td>831</td> <td>832</td> <td>\$</td> </tr> <tr> <td>2. Mules, burros, and donkeys</td> <td>833</td> <td>834</td> <td>835</td> <td>\$</td> </tr> <tr> <td>3. Mink and their pelts</td> <td>836</td> <td>837</td> <td>838</td> <td>\$</td> </tr> <tr> <td>a. Mink females used for breeding</td> <td>863</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4. Other livestock or animal specialties in captivity (Enter name and code from "List A" below.)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Name _____ Code _____</td> <td></td> <td></td> <td>1</td> <td>2</td> </tr> <tr> <td>5. Livestock or animal products (Enter name and code from "List B" below.)</td> <td>Acres under water for aquaculture</td> <td>Total quantity sold in 1978</td> <td colspan="2">Gross value of sales</td> </tr> <tr> <td>Name _____ Code _____</td> <td></td> <td></td> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>6. Fish and other aquaculture products (Enter name and code from "List C" below.)</td> <td></td> <td></td> <td>Pounds</td> <td>1</td> </tr> <tr> <td>Name _____ Code _____</td> <td></td> <td></td> <td>Gallons</td> <td>2</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Pounds</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Number</td> <td>2</td> </tr> <tr> <td></td> <td></td> <td></td> <td>/10</td> <td></td> </tr> <tr> <td colspan="6" style="text-align: center;">List A</td> </tr> <tr> <td colspan="2">Name _____ Code _____</td> <td colspan="2">Name _____ Code _____</td> <td colspan="2">Name _____ Code _____</td> </tr> <tr> <td colspan="2">Colonies of bees 839</td> <td colspan="2">Other goats 845</td> <td colspan="2">Worms 857</td> </tr> <tr> <td colspan="2">Angora goats 842</td> <td colspan="2">Rabbits and their pelts 851</td> <td colspan="2">All other livestock 854</td> </tr> <tr> <td colspan="2">Milk goats 845</td> <td colspan="2">Chinchillas and their pelts 854</td> <td colspan="2">Specify 860</td> </tr> <tr> <td colspan="6" style="text-align: center;">List B</td> </tr> <tr> <td colspan="2">Name _____ Code _____</td> <td colspan="2">Name _____ Code _____</td> <td colspan="2">Name _____ Code _____</td> </tr> <tr> <td colspan="2">Mohair sold 864</td> <td colspan="2">Catfish 872</td> <td colspan="2">Other fish 876</td> </tr> <tr> <td colspan="2">Goats milk sold 866</td> <td colspan="2">Trout 876</td> <td colspan="2">Specify 884</td> </tr> <tr> <td colspan="2">Honey sold 868</td> <td colspan="2">Tropical and baitfish 880</td> <td colspan="2">Other aquaculture products 888</td> </tr> <tr> <td colspan="2">Other livestock products — Specify 870</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="6" style="text-align: center;">List C</td> </tr> <tr> <td colspan="6">If more space is needed, use separate sheet of paper</td> </tr> <tr> <td colspan="6">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.)</td> </tr> <tr> <td colspan="6"> <p>016 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 17</p> <table border="1"> <thead> <tr> <th rowspan="2">None</th> <th>INVENTORY Number on this place Dec. 31, 1978</th> <th>Total number sold in 1978</th> </tr> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>1. HENS and PULETS of laying age</td> <td>892</td> <td>893</td> </tr> <tr> <td>2. PULETS 3 months old or older not yet of laying age</td> <td>894</td> <td>895</td> </tr> <tr> <td>3. PULLET CHICKS and PULETS under 3 months old (Exclude commercial broilers.)</td> <td>896</td> <td>897</td> </tr> <tr> <td>4. BROILERS, fryers, and other meat type chickens, including capons and roasters</td> <td>898</td> <td>899</td> </tr> <tr> <td>5. TURKEYS</td> <td>900</td> <td>901</td> </tr> <tr> <td>a. Turkeys for slaughter (Exclude breeders.)</td> <td>902</td> <td>903</td> </tr> <tr> <td>b. Turkey HENS kept for breeding</td> <td></td> <td></td> </tr> <tr> <td>6. OTHER POULTRY raised in captivity — ducks, geese, pigeons or squab, pheasants, quail, etc. (Enter poultry name and code from the list below.)</td> <td></td> <td></td> </tr> <tr> <td>Poultry name _____ Code _____</td> <td></td> <td></td> </tr> <tr> <td>Poultry name _____ Code _____</td> <td></td> <td></td> </tr> <tr> <td colspan="6"> <table border="1"> <thead> <tr> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Ducks 904</td> <td></td> <td>Pigeons or squab 908</td> <td></td> <td>Quail 912</td> <td></td> </tr> <tr> <td>Geese 906</td> <td></td> <td>Pheasants 910</td> <td></td> <td>All other poultry 914</td> <td></td> </tr> <tr> <td colspan="6" style="text-align: center;">None Number</td> </tr> <tr> <td colspan="6" style="text-align: center;">916</td> </tr> <tr> <td colspan="6" style="text-align: center;">917</td> </tr> <tr> <td colspan="6" style="text-align: center;">None Gross value of sales</td> </tr> <tr> <td colspan="6" style="text-align: center;">Dollars Cents</td> </tr> <tr> <td colspan="6" style="text-align: center;">918 \$</td> </tr> </tbody></table> </td> </tr> <tr> <td>7. POULTRY HATCHED on this place in 1978 and placed or sold — chickens, turkeys, ducks, etc. — Specify kind of poultry</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8. Incubator egg capacity on December 31, 1978</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>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</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> </td> </tr> <tr> <td colspan="6">SECTION 17 Income from MACHINE WORK, CUSTOMWORK, and OTHER AGRICULTURAL SERVICES PROVIDED for others in 1978</td> </tr> <tr> <td colspan="6"> <p>Total amount received from machine work, customwork, and other agricultural services PROVIDED FOR OTHERS in 1978 — planting, plowing, spraying, harvesting, etc.</p> <table border="1"> <tr> <td>None</td> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>919</td> <td>\$</td> <td></td> </tr> </table> </td> </tr> <tr> <td colspan="6">Specify kind of work done</td> </tr> <tr> <td colspan="6">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.?</td> </tr> <tr> <td colspan="6"> <p>018 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 19</p> <table border="1"> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>920</td> <td>\$</td> </tr> </table> </td> </tr> <tr> <td colspan="6">1. What was the gross value of these direct sales?</td> </tr> <tr> <td colspan="6">Specify products sold — vegetables, eggs, etc.</td> </tr> <tr> <td colspan="6">SECTION 19 TYPE OF ORGANIZATION</td> </tr> <tr> <td colspan="6"> <p>Mark (X) the one item which best describes the type of organization for this place in 1978. Refer to the INFORMATION SHEET, Section 19.</p> <ul style="list-style-type: none"> • FAMILY or INDIVIDUAL operation (sole proprietorship), excluding partnership and corporation 1 <input type="checkbox"/> • PARTNERSHIP operation. Include family partnerships. 2 <input type="checkbox"/> Total number of partners _____ • INCORPORATED UNDER STATE Answer BOTH a and b </td> </tr> <tr> <td colspan="6"> <p>a. Is this a family held corporation? { 1 <input type="checkbox"/> Yes 4 <input type="checkbox"/> No</p> </td> </tr> <tr> <td colspan="6"> <p>b. Are there more than 10 stockholders? { 5 <input type="checkbox"/> Yes 6 <input type="checkbox"/> No</p> </td> </tr> <tr> <td colspan="6"> <p>• OTHER, such as cooperative, estate or trust, prison farm, grazing association, Indian reservation, etc. 7 <input type="checkbox"/> Specify _____</p> </td> </tr> <tr> <td colspan="6">SECTION 20 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) Refer to the INFORMATION SHEET, Section 20.</td> </tr> <tr> <td colspan="6"> <p>1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> </td> </tr> <tr> <td colspan="6"> <p>2. RACE of operator (senior partner or person in charge) { 1 <input type="checkbox"/> White 2 <input type="checkbox"/> Negro or Black 3 <input type="checkbox"/> American Indian 4 <input type="checkbox"/> Asian or Pacific Islander 9 <input type="checkbox"/> Other — Specify _____</p> </td> </tr> <tr> <td colspan="6"> <p>3. AGE of operator (senior partner or person in charge) Years old</p> </td> </tr> <tr> <td colspan="6"> <p>4. SEX of operator (senior partner or person in charge) 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female</p> </td> </tr> <tr> <td colspan="6"> <p>5. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Mexican American, Cuban, or other Spanish)? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> </td> </tr> <tr> <td colspan="6"> <p>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 1 <input type="checkbox"/> Farming 2 <input type="checkbox"/> Other</p> </td> </tr> <tr> <td colspan="6"> <p>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.) { 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1-49 days 3 <input type="checkbox"/> 50-99 days 4 <input type="checkbox"/> 100-149 days 5 <input type="checkbox"/> 150-199 days 6 <input type="checkbox"/> 200 days or more</p> </td> </tr> <tr> <td colspan="6">SECTION 21 Was any of the land in this place held under FOREIGN OWNERSHIP in 1978?</td> </tr> <tr> <td colspan="6"> <p>1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO 3 <input type="checkbox"/> Don't know } Go to section 28</p> </td> </tr> <tr> <td colspan="6"> <p>Of the total acres in this place, how many were owned by —</p> </td> </tr> <tr> <td colspan="6"> <p>1. Individuals who are NOT citizens of the United States? 1 <input type="checkbox"/></p> </td> </tr> <tr> <td colspan="6"> <p>2. A foreign held corporation or unincorporated association, or a foreign government? 1 <input type="checkbox"/></p> </td> </tr> <tr> <td colspan="6">SECTIONS 22 - 27 Not applicable to this form</td> </tr> <tr> <td colspan="6">SECTION 28 PERSON COMPLETING THIS REPORT — Please print</td> </tr> <tr> <td colspan="6"> <p>Name _____ Date _____ 999</p> </td> </tr> <tr> <td colspan="6"> <table border="1"> <tr> <td>Telephone</td> <td>Area code</td> <td>Number</td> </tr> </table> </td> </tr> <tr> <td colspan="6"> <p>When the data have been tabulated, do you want a summary sheet showing major census results for your county? 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO</p> </td> </tr> </tbody></table>						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	5. Livestock or animal products (Enter name and code from "List B" below.)	Acres under water for aquaculture	Total quantity sold in 1978	Gross value of sales		Name _____ Code _____			Dollars	Cents	6. Fish and other aquaculture products (Enter name and code from "List C" below.)			Pounds	1	Name _____ Code _____			Gallons	2				Pounds	1				Number	2				/10		List A						Name _____ Code _____		Name _____ Code _____		Name _____ Code _____		Colonies of bees 839		Other goats 845		Worms 857		Angora goats 842		Rabbits and their pelts 851		All other livestock 854		Milk goats 845		Chinchillas and their pelts 854		Specify 860		List B						Name _____ Code _____		Name _____ Code _____		Name _____ Code _____		Mohair sold 864		Catfish 872		Other fish 876		Goats milk sold 866		Trout 876		Specify 884		Honey sold 868		Tropical and baitfish 880		Other aquaculture products 888		Other livestock products — Specify 870						List C						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.)						<p>016 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 17</p> <table border="1"> <thead> <tr> <th rowspan="2">None</th> <th>INVENTORY Number on this place Dec. 31, 1978</th> <th>Total number sold in 1978</th> </tr> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>1. HENS and PULETS of laying age</td> <td>892</td> <td>893</td> </tr> <tr> <td>2. PULETS 3 months old or older not yet of laying age</td> <td>894</td> <td>895</td> </tr> <tr> <td>3. PULLET CHICKS and PULETS under 3 months old (Exclude commercial broilers.)</td> <td>896</td> <td>897</td> </tr> <tr> <td>4. BROILERS, fryers, and other meat type chickens, including capons and roasters</td> <td>898</td> <td>899</td> </tr> <tr> <td>5. TURKEYS</td> <td>900</td> <td>901</td> </tr> <tr> <td>a. Turkeys for slaughter (Exclude breeders.)</td> <td>902</td> <td>903</td> </tr> <tr> <td>b. Turkey HENS kept for breeding</td> <td></td> <td></td> </tr> <tr> <td>6. OTHER POULTRY raised in captivity — ducks, geese, pigeons or squab, pheasants, quail, etc. (Enter poultry name and code from the list below.)</td> <td></td> <td></td> </tr> <tr> <td>Poultry name _____ Code _____</td> <td></td> <td></td> </tr> <tr> <td>Poultry name _____ Code _____</td> <td></td> <td></td> </tr> <tr> <td colspan="6"> <table border="1"> <thead> <tr> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Ducks 904</td> <td></td> <td>Pigeons or squab 908</td> <td></td> <td>Quail 912</td> <td></td> </tr> <tr> <td>Geese 906</td> <td></td> <td>Pheasants 910</td> <td></td> <td>All other poultry 914</td> <td></td> </tr> <tr> <td colspan="6" style="text-align: center;">None Number</td> </tr> <tr> <td colspan="6" style="text-align: center;">916</td> </tr> <tr> <td colspan="6" style="text-align: center;">917</td> </tr> <tr> <td colspan="6" style="text-align: center;">None Gross value of sales</td> </tr> <tr> <td colspan="6" style="text-align: center;">Dollars Cents</td> </tr> <tr> <td colspan="6" style="text-align: center;">918 \$</td> </tr> </tbody></table> </td> </tr> <tr> <td>7. POULTRY HATCHED on this place in 1978 and placed or sold — chickens, turkeys, ducks, etc. — Specify kind of poultry</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8. Incubator egg capacity on December 31, 1978</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>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</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						None	INVENTORY Number on this place Dec. 31, 1978	Total number sold in 1978	Dollars	Cents	1. HENS and PULETS of laying age	892	893	2. PULETS 3 months old or older not yet of laying age	894	895	3. PULLET CHICKS and PULETS 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	900	901	a. Turkeys for slaughter (Exclude breeders.)	902	903	b. Turkey HENS kept for breeding			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 _____			Poultry name _____ Code _____			<table border="1"> <thead> <tr> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Ducks 904</td> <td></td> <td>Pigeons or squab 908</td> <td></td> <td>Quail 912</td> <td></td> </tr> <tr> <td>Geese 906</td> <td></td> <td>Pheasants 910</td> <td></td> <td>All other poultry 914</td> <td></td> </tr> <tr> <td colspan="6" style="text-align: center;">None Number</td> </tr> <tr> <td colspan="6" style="text-align: center;">916</td> </tr> <tr> <td colspan="6" style="text-align: center;">917</td> </tr> <tr> <td colspan="6" style="text-align: center;">None Gross value of sales</td> </tr> <tr> <td colspan="6" style="text-align: center;">Dollars Cents</td> </tr> <tr> <td colspan="6" style="text-align: center;">918 \$</td> </tr> </tbody></table>						Name	Code	Name	Code	Name	Code	Ducks 904		Pigeons or squab 908		Quail 912		Geese 906		Pheasants 910		All other poultry 914		None Number						916						917						None Gross value of sales						Dollars Cents						918 \$						7. POULTRY HATCHED on this place in 1978 and placed or sold — chickens, turkeys, ducks, etc. — Specify kind of poultry						8. Incubator egg capacity on December 31, 1978						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						SECTION 17 Income from MACHINE WORK, CUSTOMWORK, and OTHER AGRICULTURAL SERVICES PROVIDED for others in 1978						<p>Total amount received from machine work, customwork, and other agricultural services PROVIDED FOR OTHERS in 1978 — planting, plowing, spraying, harvesting, etc.</p> <table border="1"> <tr> <td>None</td> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>919</td> <td>\$</td> <td></td> </tr> </table>						None	Dollars	Cents	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.?						<p>018 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 19</p> <table border="1"> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>920</td> <td>\$</td> </tr> </table>						Dollars	Cents	920	\$	1. What was the gross value of these direct sales?						Specify products sold — vegetables, eggs, etc.						SECTION 19 TYPE OF ORGANIZATION						<p>Mark (X) the one item which best describes the type of organization for this place in 1978. Refer to the INFORMATION SHEET, Section 19.</p> <ul style="list-style-type: none"> • FAMILY or INDIVIDUAL operation (sole proprietorship), excluding partnership and corporation 1 <input type="checkbox"/> • PARTNERSHIP operation. Include family partnerships. 2 <input type="checkbox"/> Total number of partners _____ • INCORPORATED UNDER STATE Answer BOTH a and b 						<p>a. Is this a family held corporation? { 1 <input type="checkbox"/> Yes 4 <input type="checkbox"/> No</p>						<p>b. Are there more than 10 stockholders? { 5 <input type="checkbox"/> Yes 6 <input type="checkbox"/> No</p>						<p>• OTHER, such as cooperative, estate or trust, prison farm, grazing association, Indian reservation, etc. 7 <input type="checkbox"/> Specify _____</p>						SECTION 20 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) Refer to the INFORMATION SHEET, Section 20.						<p>1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p>						<p>2. RACE of operator (senior partner or person in charge) { 1 <input type="checkbox"/> White 2 <input type="checkbox"/> Negro or Black 3 <input type="checkbox"/> American Indian 4 <input type="checkbox"/> Asian or Pacific Islander 9 <input type="checkbox"/> Other — Specify _____</p>						<p>3. AGE of operator (senior partner or person in charge) Years old</p>						<p>4. SEX of operator (senior partner or person in charge) 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female</p>						<p>5. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Mexican American, Cuban, or other Spanish)? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p>						<p>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 1 <input type="checkbox"/> Farming 2 <input type="checkbox"/> Other</p>						<p>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.) { 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1-49 days 3 <input type="checkbox"/> 50-99 days 4 <input type="checkbox"/> 100-149 days 5 <input type="checkbox"/> 150-199 days 6 <input type="checkbox"/> 200 days or more</p>						SECTION 21 Was any of the land in this place held under FOREIGN OWNERSHIP in 1978?						<p>1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO 3 <input type="checkbox"/> Don't know } Go to section 28</p>						<p>Of the total acres in this place, how many were owned by —</p>						<p>1. Individuals who are NOT citizens of the United States? 1 <input type="checkbox"/></p>						<p>2. A foreign held corporation or unincorporated association, or a foreign government? 1 <input type="checkbox"/></p>						SECTIONS 22 - 27 Not applicable to this form						SECTION 28 PERSON COMPLETING THIS REPORT — Please print						<p>Name _____ Date _____ 999</p>						<table border="1"> <tr> <td>Telephone</td> <td>Area code</td> <td>Number</td> </tr> </table>						Telephone	Area code	Number	<p>When the data have been tabulated, do you want a summary sheet showing major census results for your county? 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO</p>					
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
5. Livestock or animal products (Enter name and code from "List B" below.)	Acres under water for aquaculture	Total quantity sold in 1978	Gross value of sales																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Name _____ Code _____			Dollars	Cents																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
6. Fish and other aquaculture products (Enter name and code from "List C" below.)			Pounds	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Name _____ Code _____			Gallons	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			Pounds	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			Number	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			/10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
List A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Name _____ Code _____		Name _____ Code _____		Name _____ Code _____																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Colonies of bees 839		Other goats 845		Worms 857																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Angora goats 842		Rabbits and their pelts 851		All other livestock 854																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Milk goats 845		Chinchillas and their pelts 854		Specify 860																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
List B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Name _____ Code _____		Name _____ Code _____		Name _____ Code _____																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Mohair sold 864		Catfish 872		Other fish 876																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Goats milk sold 866		Trout 876		Specify 884																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Honey sold 868		Tropical and baitfish 880		Other aquaculture products 888																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Other livestock products — Specify 870																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
List C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>016 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 17</p> <table border="1"> <thead> <tr> <th rowspan="2">None</th> <th>INVENTORY Number on this place Dec. 31, 1978</th> <th>Total number sold in 1978</th> </tr> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>1. HENS and PULETS of laying age</td> <td>892</td> <td>893</td> </tr> <tr> <td>2. PULETS 3 months old or older not yet of laying age</td> <td>894</td> <td>895</td> </tr> <tr> <td>3. PULLET CHICKS and PULETS under 3 months old (Exclude commercial broilers.)</td> <td>896</td> <td>897</td> </tr> <tr> <td>4. BROILERS, fryers, and other meat type chickens, including capons and roasters</td> <td>898</td> <td>899</td> </tr> <tr> <td>5. TURKEYS</td> <td>900</td> <td>901</td> </tr> <tr> <td>a. Turkeys for slaughter (Exclude breeders.)</td> <td>902</td> <td>903</td> </tr> <tr> <td>b. Turkey HENS kept for breeding</td> <td></td> <td></td> </tr> <tr> <td>6. OTHER POULTRY raised in captivity — ducks, geese, pigeons or squab, pheasants, quail, etc. (Enter poultry name and code from the list below.)</td> <td></td> <td></td> </tr> <tr> <td>Poultry name _____ Code _____</td> <td></td> <td></td> </tr> <tr> <td>Poultry name _____ Code _____</td> <td></td> <td></td> </tr> <tr> <td colspan="6"> <table border="1"> <thead> <tr> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Ducks 904</td> <td></td> <td>Pigeons or squab 908</td> <td></td> <td>Quail 912</td> <td></td> </tr> <tr> <td>Geese 906</td> <td></td> <td>Pheasants 910</td> <td></td> <td>All other poultry 914</td> <td></td> </tr> <tr> <td colspan="6" style="text-align: center;">None Number</td> </tr> <tr> <td colspan="6" style="text-align: center;">916</td> </tr> <tr> <td colspan="6" style="text-align: center;">917</td> </tr> <tr> <td colspan="6" style="text-align: center;">None Gross value of sales</td> </tr> <tr> <td colspan="6" style="text-align: center;">Dollars Cents</td> </tr> <tr> <td colspan="6" style="text-align: center;">918 \$</td> </tr> </tbody></table> </td> </tr> <tr> <td>7. POULTRY HATCHED on this place in 1978 and placed or sold — chickens, turkeys, ducks, etc. — Specify kind of poultry</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8. Incubator egg capacity on December 31, 1978</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>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</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						None	INVENTORY Number on this place Dec. 31, 1978	Total number sold in 1978	Dollars	Cents	1. HENS and PULETS of laying age	892	893	2. PULETS 3 months old or older not yet of laying age	894	895	3. PULLET CHICKS and PULETS 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	900	901	a. Turkeys for slaughter (Exclude breeders.)	902	903	b. Turkey HENS kept for breeding			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 _____			Poultry name _____ Code _____			<table border="1"> <thead> <tr> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Ducks 904</td> <td></td> <td>Pigeons or squab 908</td> <td></td> <td>Quail 912</td> <td></td> </tr> <tr> <td>Geese 906</td> <td></td> <td>Pheasants 910</td> <td></td> <td>All other poultry 914</td> <td></td> </tr> <tr> <td colspan="6" style="text-align: center;">None Number</td> </tr> <tr> <td colspan="6" style="text-align: center;">916</td> </tr> <tr> <td colspan="6" style="text-align: center;">917</td> </tr> <tr> <td colspan="6" style="text-align: center;">None Gross value of sales</td> </tr> <tr> <td colspan="6" style="text-align: center;">Dollars Cents</td> </tr> <tr> <td colspan="6" style="text-align: center;">918 \$</td> </tr> </tbody></table>						Name	Code	Name	Code	Name	Code	Ducks 904		Pigeons or squab 908		Quail 912		Geese 906		Pheasants 910		All other poultry 914		None Number						916						917						None Gross value of sales						Dollars Cents						918 \$						7. POULTRY HATCHED on this place in 1978 and placed or sold — chickens, turkeys, ducks, etc. — Specify kind of poultry						8. Incubator egg capacity on December 31, 1978						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																																																																																																																																																																																																																																																																																																																																																																								
None	INVENTORY Number on this place Dec. 31, 1978	Total number sold in 1978																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Dollars	Cents																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1. HENS and PULETS of laying age	892	893																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2. PULETS 3 months old or older not yet of laying age	894	895																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
3. PULLET CHICKS and PULETS 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	900	901																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
a. Turkeys for slaughter (Exclude breeders.)	902	903																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
b. Turkey HENS kept for breeding																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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 _____																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Poultry name _____ Code _____																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<table border="1"> <thead> <tr> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Ducks 904</td> <td></td> <td>Pigeons or squab 908</td> <td></td> <td>Quail 912</td> <td></td> </tr> <tr> <td>Geese 906</td> <td></td> <td>Pheasants 910</td> <td></td> <td>All other poultry 914</td> <td></td> </tr> <tr> <td colspan="6" style="text-align: center;">None Number</td> </tr> <tr> <td colspan="6" style="text-align: center;">916</td> </tr> <tr> <td colspan="6" style="text-align: center;">917</td> </tr> <tr> <td colspan="6" style="text-align: center;">None Gross value of sales</td> </tr> <tr> <td colspan="6" style="text-align: center;">Dollars Cents</td> </tr> <tr> <td colspan="6" style="text-align: center;">918 \$</td> </tr> </tbody></table>						Name	Code	Name	Code	Name	Code	Ducks 904		Pigeons or squab 908		Quail 912		Geese 906		Pheasants 910		All other poultry 914		None Number						916						917						None Gross value of sales						Dollars Cents						918 \$																																																																																																																																																																																																																																																																																																																																																																																																																																			
Name	Code	Name	Code	Name	Code																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Ducks 904		Pigeons or squab 908		Quail 912																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Geese 906		Pheasants 910		All other poultry 914																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
None Number																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
916																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
917																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
None Gross value of sales																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Dollars Cents																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
918 \$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
7. POULTRY HATCHED on this place in 1978 and placed or sold — chickens, turkeys, ducks, etc. — Specify kind of poultry																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
8. Incubator egg capacity on December 31, 1978																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
SECTION 17 Income from MACHINE WORK, CUSTOMWORK, and OTHER AGRICULTURAL SERVICES PROVIDED for others in 1978																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>Total amount received from machine work, customwork, and other agricultural services PROVIDED FOR OTHERS in 1978 — planting, plowing, spraying, harvesting, etc.</p> <table border="1"> <tr> <td>None</td> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>919</td> <td>\$</td> <td></td> </tr> </table>						None	Dollars	Cents	919	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
None	Dollars	Cents																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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.?																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>018 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 19</p> <table border="1"> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>920</td> <td>\$</td> </tr> </table>						Dollars	Cents	920	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Dollars	Cents																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
920	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1. What was the gross value of these direct sales?																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Specify products sold — vegetables, eggs, etc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
SECTION 19 TYPE OF ORGANIZATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>Mark (X) the one item which best describes the type of organization for this place in 1978. Refer to the INFORMATION SHEET, Section 19.</p> <ul style="list-style-type: none"> • FAMILY or INDIVIDUAL operation (sole proprietorship), excluding partnership and corporation 1 <input type="checkbox"/> • PARTNERSHIP operation. Include family partnerships. 2 <input type="checkbox"/> Total number of partners _____ • INCORPORATED UNDER STATE Answer BOTH a and b 																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>a. Is this a family held corporation? { 1 <input type="checkbox"/> Yes 4 <input type="checkbox"/> No</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>b. Are there more than 10 stockholders? { 5 <input type="checkbox"/> Yes 6 <input type="checkbox"/> No</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>• OTHER, such as cooperative, estate or trust, prison farm, grazing association, Indian reservation, etc. 7 <input type="checkbox"/> Specify _____</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
SECTION 20 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) Refer to the INFORMATION SHEET, Section 20.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>2. RACE of operator (senior partner or person in charge) { 1 <input type="checkbox"/> White 2 <input type="checkbox"/> Negro or Black 3 <input type="checkbox"/> American Indian 4 <input type="checkbox"/> Asian or Pacific Islander 9 <input type="checkbox"/> Other — Specify _____</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>3. AGE of operator (senior partner or person in charge) Years old</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>4. SEX of operator (senior partner or person in charge) 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>5. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Mexican American, Cuban, or other Spanish)? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>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 1 <input type="checkbox"/> Farming 2 <input type="checkbox"/> Other</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>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.) { 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1-49 days 3 <input type="checkbox"/> 50-99 days 4 <input type="checkbox"/> 100-149 days 5 <input type="checkbox"/> 150-199 days 6 <input type="checkbox"/> 200 days or more</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
SECTION 21 Was any of the land in this place held under FOREIGN OWNERSHIP in 1978?																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO 3 <input type="checkbox"/> Don't know } Go to section 28</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>Of the total acres in this place, how many were owned by —</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>1. Individuals who are NOT citizens of the United States? 1 <input type="checkbox"/></p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>2. A foreign held corporation or unincorporated association, or a foreign government? 1 <input type="checkbox"/></p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
SECTIONS 22 - 27 Not applicable to this form																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
SECTION 28 PERSON COMPLETING THIS REPORT — Please print																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>Name _____ Date _____ 999</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<table border="1"> <tr> <td>Telephone</td> <td>Area code</td> <td>Number</td> </tr> </table>						Telephone	Area code	Number																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Telephone	Area code	Number																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
<p>When the data have been tabulated, do you want a summary sheet showing major census results for your county? 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

(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
 YES — Complete this section
 NO — Go to section 23

	Acres fertilized
	None
	932

1. Acres of cropland fertilized in 1978, other than cropland used only for pastures reported in section 10, item 2b
2. Acres of pastureland and rangeland fertilized in 1978 reported in section 10, items 2b and 4
3. LIME — tons of lime used and acres on which applied (Do not include lime plaster or gypsum or lime for sanitation)
- | Tons of lime | Acres limed |
|--------------|-------------|
| None | 935 |
| 934 | 935 |

SECTION 23 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1978?

- 023
 YES — Complete this section
 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.

1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematicide) to control —

	Number of acres on which used
	None
	936
	937
	938
	939
	940

2. Chemicals for defoliation or for growth control of crops or thinning of fruit

3. Were any chemicals used for —

- a. Insect control on livestock and poultry, including treatment of buildings? Yes No
- b. Sanitation, rodent and bird control, etc.? Yes 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

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.*

Estimated market value	
Dollars	Cents
943	\$

SELECTED machinery and equipment on this place, December 31, 1978. (Report only if used in 1977 or 1978.)

- None
2. Automobiles
3. Motortrucks (Include pickups)
4. Wheel tractors other than garden tractors and motor tillers
5. Grain and bean combines, self-propelled only
6. Corn heads for combines
7. Other corn pickers and picker-shellers
8. Cotton pickers (Exclude cotton strippers)
9. Mower conditioners
10. Pickup balers
11. Field forage harvesters, shear bar or flywheel type

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
1. Gasoline for farm business
2. Diesel fuel for the farm business
3. LP gas, butane, propane for the farm business (4.5 lbs.= 1 gallon)
4. Fuel oil for the farm business
5. Natural gas for the farm business
6. Kerosene, motor oil, grease, for the farm business
7. Electricity for the farm business
8. Other—coal, wood, coke, etc.

Expenditures	Gallons purchased in 1978		Storage capacity on this place (in gallons)
	Dollars	Cents	
966		967	968
\$			
969		970	971
\$			
972		973	974
\$			
975		976	977
\$			
978			
\$			
979			
\$			
980			
\$			
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.

1. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, pouls, started pullets, etc.
2. Total feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc.

Selected expenditures	None		Selected expenditures
	Dollars	Cents	
982			
\$			
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	Tenths	Dollars	Cents	Selected expenditures
	None	984	985	\$	
			/10	\$	

3. Animal health costs for livestock and poultry. *Include veterinarian services, serums, vaccines, medicines, etc.*

4. Seeds, bulbs, plants, and trees purchased

5. Commercial fertilizer purchased — all forms, including rock phosphate and gypsum. *Report custom application costs in item 9 below.*

6. Agricultural chemicals purchased — insecticides, herbicides, fungicides, other pesticides, lime, etc. *Report custom application costs in item 9 below.*

7. Hired farm or ranch labor (See Information Sheet)

a. Of the hired workers, including paid family workers, how many —	None		Number of workers	Selected expenditures
	991	992		
(1) Worked 150 days or more?	<input type="checkbox"/>			
(2) Worked less than 150 days?		<input type="checkbox"/>		

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.*

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)*

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.

Estimated current market value of land and buildings	None		Estimated current market value of land and buildings
	Dollars	Cents	
996			
\$			
997			
\$			
998			
\$			

1. All land owned

2. All land rented or leased FROM OTHERS

3. All land rented or leased TO OTHERS

FORM 78-A1(I)
(5-17-76)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 —

- Land (for agricultural uses) that you rented FROM others for cash payments
- Land worked on a share basis
- Land (owned by someone else) which you used rent-free
- 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 —

- Owned land rented TO others for cash or a share of the crops or livestock
- Land which you rented from others and then subleased to others in 1978
- Land rented out for residential or other nonfarm purposes, if it was part of the land reported in item 1 or 2
- Land worked for you by someone else on a share-of-crop basis
- 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:

- Complete item 6 for renter.
- Skip to section 28 and complete Name, Address, Telephone number, etc.
- 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 beans, sugar cane, or other crops not previously reported?			
<input checked="" type="checkbox"/> YES - Complete this section <input type="checkbox"/> NO - Go to section 9			
From the list below, enter crop name and code. Report only harvested crops.			
Crop Name	Code	Acres Harvested	Quantity Harvested
Alfalfa seed	543	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 B, 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 (Co-operatives, 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) U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS  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.			
				035	038	037	036
				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			
9. Do you have a Federal Employer Identification Number for this farm or ranch operation?	<input type="checkbox"/> YES	Enter the EI number		<input type="checkbox"/> 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. For business purposes, is this farm or ranch operated under any name other than your own? <input type="checkbox"/> YES → Mailing address — Route/Box/Street Post Office State ZIP code <input type="checkbox"/> NO							
2. During the past two years, have you received mail at any address other than the one I have listed? <input type="checkbox"/> YES → Name Mailing address — Route/Box/Street Post Office State ZIP code <input type="checkbox"/> NO							
3. Does this farm or ranch employ a hired manager who is primarily in charge of the farm or ranch operations? <input type="checkbox"/> YES — Go to Item 4 <input type="checkbox"/> NO — SKIP to page 2 Name Mailing address — Route/Box/Street Post Office State ZIP code							
4. Who is the hired manager? <input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and SKIP to page 2							
Type B — PARTNERSHIP OPERATIONS (Include family partnerships) 1. For business purposes, what name and mailing address is used for this partnership? <input type="checkbox"/> YES → 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? <input type="checkbox"/> Person named in part 1, item 5 — Do not list <input type="checkbox"/> Other — Specify (Use "Remarks" if more space is required.) a. Name Mailing address — Route/Box/Street Post Office State ZIP code							
b. Name Mailing address — Route/Box/Street Post Office State ZIP code							
4. Does this partnership employ a hired manager who is primarily in charge of the farm or ranch operations? <input type="checkbox"/> YES — Go to Item 5 <input type="checkbox"/> NO — SKIP to Item 6 Name Mailing address — Route/Box/Street Post Office State ZIP code							
5. Who is the hired manager? <input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and end interview →							
6. Which partner is primarily in charge of the farm or ranch operations? <input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other partner — Specify and end interview <input type="checkbox"/> None — Go to Item 7							
7. Who is the oldest partner? <input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and end interview →							
Type C — INCORPORATED UNDER STATE LAW 3 Name Mailing address — Route/Box/Street Post Office State ZIP code							
1. What is the current name and mailing address of this corporation? →							
2. Is this a family-held corporation? <input type="checkbox"/> YES <input type="checkbox"/> NO							
3. Are there more than 10 stockholders? <input type="checkbox"/> YES <input type="checkbox"/> NO							
4. Does this corporation have other separate and distinct farm and ranch operations? <input type="checkbox"/> YES — Enter location(s) and name(s) below <input type="checkbox"/> 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? <input type="checkbox"/> YES → Name Mailing address — Route/Box/Street Post Office State ZIP code							
6. Does this farm or ranch employ a hired manager who is primarily in charge of the farm or ranch operations? → 1 <input type="checkbox"/> YES — Go to Item 7 2 <input type="checkbox"/> NO — SKIP to Item 8							
7. Who is the hired manager? <input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and end interview →							
8. Who is primarily in charge of the farm or ranch operations? <input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and end interview →							
Type D — OTHER ORGANIZATIONS 1. What type of organization operates or controls the operations of this farm or ranch unit? 995 1 <input type="checkbox"/> Estate 4 <input type="checkbox"/> State or Local Government 6 <input type="checkbox"/> Other — Specify 2 <input type="checkbox"/> Trust 5 <input type="checkbox"/> Federal Government							
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? → Name Mailing address — Route/Box/Street Post Office State ZIP code							
5. Does this organization employ a hired manager who is primarily in charge of the farm or ranch operations? → 1 <input type="checkbox"/> YES — Go to Item 6 2 <input type="checkbox"/> NO — SKIP to Item 7							
6. Who is the hired manager? <input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and end interview →							
7. Who is primarily in charge of the farm or ranch operations? <input type="checkbox"/> Person named in part 1, item 5 — Go to page 2 <input type="checkbox"/> Other — Specify and end interview →							

INDEX

(Index items not reported for the State will not appear in designated tables)

	County tables				County tables				
	State tables	Summary	County report		State tables	Summary	County report		
A									
Abnormal farms	10, 34	7	2	Black operators and other races	4, 5, 29-35	39-41	-		
Age of operator	4, 29-35	6	4	Blueberries	-	33	-		
Agricultural products sold, value.	10, 13, 17 29-35	9-11	2	Bluegrass seed, Kentucky . . .	-	30	-		
Agricultural service income . . .	12, 29-35	37	-	Boysenberries	-	33	-		
Alfalfa hay	25, 26, 28-35	30	10	Broccoli	-	31	-		
Alfalfa seed	25, 26	30	10	Broilers	18, 19, 29-35	19, 26	9		
Almonds	28-35	32	-	Bromegrass seed	-	30	-		
Alsike clover seed	-	30	-	Broomcorn	-	35	-		
Angora goats	23	22	-	Brussels sprouts	-	31	-		
Animal health costs	6, 29-35	12	5	Buckwheat	-	28	-		
Apples	25, 28-35	32	10	Bulbs	-	34	-		
Apricots	-	32	-	Bulls, bull calves, steers, and steer calves	20, 29-35	16	9		
Aquaculture products	24	25	-	Burros, donkeys, and mules . .	23	27	-		
Artichokes	-	31	-	C					
Asparagus	-	31	-	Cabbage	-	31	-		
Assets, value	1, 2, 13, 17, 29-35	1, 15	1, 7	Cantaloupes and Persian melons .	-	31	-		
Austrian winter peas	-	30	-	Carrots	-	31	-		
Automobiles	14, 29-35	-	7	Castor beans	-	35	-		
Avocados	-	32	-	Catfish sold	24	25	-		
B									
Bahia grass seed	-	30	-	Cattle and calves	17, 18, 20, 29-35	16	9		
Bait and tropical fish sold . . .	24	25	-	Cattle and calves sold, value . .	10, 18, 20, 29-35	16	2, 9		
Balers, pickup	14, 29-35	-	7	Cauliflower	-	31	-		
Bananas	-	32	-	Celery	-	31	-		
Barley for grain	25, 26, 28-35	28	10	Chemicals, expense	6, 15, 17, 29-35	12	5		
Beans, castor	-	35	-	Chemicals used	15, 29-35	-	6		
Beans, dry field and seed . . .	26, 28-35	29	-	Cherries	28-35	32	-		
Beans, dry lima	-	29	-	Chickens 3 months old or older	18, 19, 29-35	18	9		
Beans, green lima	-	31	-	Chicory	-	31	-		
Beans, snap (bush and pole) . .	-	31	-	Chinchillas and their pelts . .	23	27	-		
Beans, soybeans	25-35	29	10	Chinese cabbage	-	31	-		
Bedding plants	-	34	-	Chinese or ming peas	-	31	-		
Beef cows	18, 20, 29-35	16	9	Citrus fruits	28-35	32	-		
Bees, colonies	23	24	-	Clover seed	-	30	-		
Beets, sugar	26, 28-35	29	-	Clover seed, red	25	30	10		
Beets, table	-	31	-	Coal, wood, coke, etc., expense	7, 29-35	13	5		
Bentgrass seed	-	30	-	Coffee	-	32	-		
Bermuda grass seed	-	30	-	Collards	-	31	-		
Berries	25, 27	33	10	Colonies of bees	23	24	-		
Birdsfoot trefoil seed	-	30	-						
Blackberries	-	33	-						

	County tables				County tables				
	State tables	Summary	County report		State tables	Summary	County report		
C-Con.									
Combines, grain and bean	14, 29-35	—	7						
Commercially mixed formula feed purchased.	6, 29-35	12	5	Daikon	—	31	—		
Commodity Credit Corporation loans.	10, 29-35	—	2	Dairy cows—milk cows.	17, 18, 20, 29-35	16	9		
Contract labor, expense	6, 9, 17, 29-35	12	5	Dairy products sold, value	10, 20, 29-35	16	2, 9,		
Corn, field	25-35	28, 30, 35	10	Dates	—	32	—		
Corn heads for combines	14, 29-35	—	7	Dewberries	—	33	—		
Cornpickers and picker-shellers	14, 29-35	—	7	Diesel fuel purchased	7, 8, 29-35	13	5		
Corn, sweet	25, 28-35	31	10	Diesel fuel storage	8	13	—		
Corn, sweet, for seed	—	35	—	Dill for oil	—	35	—		
Corporation, type of organization	4, 5, 29-35	5	4	Direct sales income	11, 29-35	38	—		
Family held	4, 5, 29-35	5	—	Disease, chemical control	15, 29-35	—	6		
Nonfamily held	4, 5, 29-35	5	—	Donkey's, burros, and mules	23	27	—		
Cotton	25-35	29	10	Ducks	—	26	—		
Cotton Commodity Credit Corporation loans	10, 29-35	—	2	Ducks, geese, and other poultry	19	—	—		
Cottonpickers	14, 29-35	—	7						
Cotton, value sold	10, 29-35	—	2	E					
Cowpeas for dry peas	—	29	—	Eggplant	—	31	—		
Cowpeas, green	—	31	—	Electricity expense	7, 29-35	13	5		
Cowpeas, hogged or grazed or cut for silage	—	35	—	Emmer and spelt	—	28	—		
Cows and heifers that had calved	18, 20, 29-35	16	9	Endive	—	31	—		
Crambe	—	35	—	Energy expense	6-8, 17, 29-35	12, 13	5		
Cranberries	—	33	—	Equipment and machinery	13, 14, 17, 29-35	15	7		
Cropland for cover crops, legumes, and soil-improvement grasses	1, 2, 29-35	2	1	Escarole	—	31	—		
Cropland harvested	1-4, 13, 17, 29-35	2	1, 3, 4	Ewes 1 year old or older	22, 29-35	20	9		
Cropland harvested, irrigated	16, 29-35	3	1	Expenses, farm	6-9, 17, 29-35	12-14	5		
Cropland idle	1, 2, 29-35	2	1						
Cropland in cultivated summer fallow	1, 2, 29-35	2	1	F					
Cropland on which all crops failed	1, 2, 29-35	2	1	Family and individual, type of organization	4, 5, 29-35	5	4		
Cropland pasture	1, 2, 29-35	2	1	Family held corporations	4, 5, 29-35	5	—		
Cropland total	1, 2, 17, 29-35	—	1	Farms by age and principal occupation of operator	31	—	—		
Crops, farms, acres, production	25-35	28-35	10	Farms by age and principal occupation of operator for farms with sales of less than \$20,000	32	—	—		
Cucumbers	—	31	—	Farms by size of farm	1-3, 33	—	3		
Currants	—	33	—	Farms by standard industrial classification	13, 35	8	—		
Customwork, machine hire, and rental of machinery and equipment, expense	6, 29-35	12	5	Farms by tenure of operator	4, 29	4	4		
Customwork, machine work, and other agricultural services, income	12, 29-35	37	—	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	1, 2	1, 4		
					17, 29-35				

	State tables	County tables		State tables	County tables					
		Summary	County report		Summary	County report				
F-Con.										
Fattened cattle sold	20, 29-35	16	9	Grain hay	26	30				
Feed purchased	6, 17, 29-35	12	5	Grains	25-35	28				
Feeder pigs sold	18, 21, 29-35	17	9	Grains sold, value	10, 29-35	-				
Female operators	4, 29-35	6, 43	-	Grapefruit	28-35	32				
Fertilizer applied	15, 29-35	-	6	Grapes	25, 28-35	32				
Fertilizer expense	6, 15, 17, 29-35	12	5	Grass silage and haylage	26, 28-35	30				
Fescue seed	-	30	-	Green chop hay	26	30				
Field seed crops	25, 28-35	30	10	Greenhouse products	25	34				
Field seeds, hay, forage, and silage sold, value	10, 29-35	-	2	Greenhouse vegetables	--	34				
Figs	-	32	-	Guar	-	35				
Filberts	-	32	-	Guavas	-	32				
Fish sold	24	25	-	H						
Flaxseed	28-35	28	-	Hatcheries	-	26	-			
Florist greens and flowers, cut .	-	34	-	Hay crops	25-35	30	10			
Flower and vegetable seeds . .	-	34	-	Haylage and grass silage	26, 28-35	30	-			
Flowering and foliage plants .	-	34	-	Hazelnuts	-	32	-			
Flowers and florist greens, cut .	-	34	-	Health care expense for animals	6, 29-35	12	5			
Foliage and flowering plants .	-	34	-	Heifers and heifer calves	20, 29-35	16	9			
Forage harvesters	14, 29-35	-	7	Hens and pullets of laying age . .	18, 19, 29-35	18	9			
Foreign ownership	-	36	-	Herbs	-	35	-			
Foxtail millet seed	-	30	-	Hired farm labor, expense	6, 9, 17, 29-35	12, 14	5			
Fruit crops	25-35	32	10	Hogs and pigs	17, 18, 21, 29-35	17	9			
Fruits, nuts, and berries sold, value	10, 29-35	-	2	Hogs and pigs sold, value	10, 18, 21, 29-35	17	2, 9			
Fuel expense	6-8, 29-35	12, 13	5	Honey sold	23	24	-			
Fuel oil purchased	7, 8, 29-35	13	5	Honeydew melons	-	31	-			
Fuel oil storage	8	13	-	Hops	-	35	-			
Full owners	4, 29-35	4, 40	4	Horses and ponies	18, 23, 29-35	27	9			
G										
Garlic	-	31	-	I						
Gas, natural, expense	7, 29-35	13	5	Income from direct sales	11, 29-35	38	-			
Gasoline and other petroleum fuel and oil purchased	6-8, 29-35	13	5	Income from machine work, customwork, and other agricultural services	12, 29-35	37	-			
Gasoline purchased	7, 8, 29-35	13	5	Individual and family, type of organization	4, 5, 29-35	5	4			
Gasoline storage	8	13	-	Insects, chemical control	15, 29-35	-	6			
Geese	-	26	-	Irish potatoes	25-35	29	10			
Geese, ducks, and other poultry	19	-	-	Irrigated farmland	1-3, 16, 17, 29-35	3	1, 3			
Ginger root	-	35	-	K						
Goats	23, 29-35	-	9	Kale	-	31	-			
Goats, Angora	23	22	-	Kenaf	-	35	-			
Goats, milk	23	21	-							
Goats milk sold	23	21	-							
Goats, other	23	27	-							
Gooseberries	-	33	-							
Grain Commodity Credit										
Corporation loans	10, 29-35	-	2							

	County tables				County tables						
	State tables	Summary	County report		State tables	Summary	County report				
K-Con.											
Kentucky bluegrass seed	—	30	—	M—Con.							
Kerosene, motor oil, and grease, expense	7, 29-35	13	5	Machine work, customwork, and other agricultural service income	12, 29-35	37	—				
Kiwifruit	—	32	—	Machinery and equipment	13, 14, 17, 29-35	15	7				
Kumquats	—	32	—	Male operators	4, 29-35	6	—				
L											
Labor	6, 9, 17, 29-35	12, 14	5, 8	Mandarins and tangerines	—	32	—				
Land and buildings, value	1, 2, 17, 29-35	1	1	Mangoes	—	32	—				
Land in farms	1-3, 13, 17, 29-35	1, 2	1, 3, 4	Market value of farmland and buildings	1, 2, 17, 29-35	1	1				
Land owned	29-35	—	—	Melons	—	31	—				
Land rented from others	29-35	—	—	Milk cows	17, 18, 20, 29-35	16	9				
Land rented to others	29-35	—	—	Milk goats	23	21	—				
Land use	1-3, 17, 29-35	2	1, 3	Millet, proso	—	28	—				
Lemons	—	32	—	Millet seed, foxtail	—	30	—				
Lentils	—	29	—	Mink and their pelts	23	23	—				
Lespedeza seed	—	30	—	Mint for oil	—	35	—				
Lettuce and Romaine	—	31	—	Mohair sold	23	22	—				
Lima beans, dry	—	29	—	Motor oil, grease, and kerosene purchased	7, 29-35	13	5				
Lima beans, green	—	31	—	Motortrucks including pickups . .	14, 29-35	—	7				
Lime and other agricultural chemical expense	6, 15, 29-35	12	5	Mower conditioners	14, 29-35	—	7				
Lime applied	15, 29-35	—	6	Mules, burros, and donkeys . . .	23	27	—				
Limes	—	32	—	Mungbeans for beans	—	35	—				
Litters farrowed	21, 29-35	17	9	Murcotts	—	32	—				
Livestock and livestock products sold	13, 17, 18, 20, 29-35	10, 11	—	Mushrooms	—	34	—				
Livestock and poultry	18	—	9	Mustard cabbage	—	31	—				
Livestock and poultry purchased	6, 29-35	12	5	Mustard greens	—	31	—				
Livestock, poultry, and their products sold	10, 18	—	2, 9	Mustard seed	—	28	—				
Loans, Commodity Credit Corporation	10, 29-35	—	2	N							
Loganberries	—	33	—	Natural gas expense	7, 29-35	13	5				
Lotus root	—	35	—	Nectarines	—	32	—				
LP gas, butane, propane purchased	7, 8, 29-35	13	5	Nematode control in crops . . .	15, 29-35	—	6				
LP gas, butane, propane storage	8	13	—	Nonfamily held corporations . .	4, 5, 29-35	5	—				
M											
Macadamia nuts	—	32	—	Number of farms	1-3, 13, 17, 29-35	1, 2	1, 3				
Machine hire, rental of ma- chinery and equipment, and customwork expense	6, 29-35	12	5	Nursery and greenhouse products	—	25	34				
O											
Oats for grain				Nursery and greenhouse products sold, value	10, 29-35	34	2				
Occupation of operator				Nursery products—shrubs, trees, etc	—	34	—				
Off-farm work by operator . . .											

	County tables				County tables		
	State tables	Summary	County report		State tables	Summary	County report
O—Con.							
Okra	—	31	—	Ponies and horses	18, 23, 29–35	27	9
Olives.	—	32	—	Popcorn	—	28	—
Onions, dry and green	—	31	—	Potatoes, Irish.	25–35	29	10
Operator characteristics— residence, age, race, occupation, off-farm work, sex,				Potatoes, sweet	25, 27–35	29	10
Spanish origin	4, 29–35	6, 7	4	Poultry and poultry products sold.	10, 13 17–19, 29–35	10, 11	2, 9
Oranges.	28–35	32	—	Poultry hatched	—	26	—
Orchardgrass seed.	—	30	—	Principal occupation of operator	4, 29–35	6, 7	4
Orchards.	25–35	32	10	Production expenses	6–9, 17, 29–35	12–14	5
Organization of farm	4, 5, 29–35	5	4	Proso millet	—	28	—
Other field crops sold, value	10, 29–35	—	2	Prunes	—	32	—
Other livestock and livestock products sold, value.	10, 23, 29–35	27	2	Pullets	19, 29–35	18	9
Other poultry	—	26	9	Pumpkins	—	31	—
Owned land	29–35	—	—				
P							
Papayas.	—	32	—	Q			
Parsley	—	31	—	Quail	—	26	—
Part owners	4, 29–35	4, 40	4				
Partnership, type of organiza- tion	4, 5, 29–35	5	4	R			
Passion fruit.	—	32	—	Rabbits and their pelts	23	27	—
Pastureland and grazing land.	1, 2, 17, 29–35	2	1	Race of operator	4, 5, 29–35	39–41	—
Pastureland irrigated	16, 29–35	3	1	Radishes	—	31	—
Payroll and employment.	6, 9, 17, 29–35	12, 14	5, 8	Rangeland	1, 2, 17, 29–35	2	1
Peaches.	25, 28–35	32	10	Rapeseed	—	35	—
Peanuts for nuts.	25–35	29	10	Raspberries	—	33	—
Pears	—	32	—	Red clover seed	25	30	10
Peas, Austrian winter.	—	30	—	Redtop seed	—	30	—
Peas, Chinese or ming.	—	31	—	Residence of operator	4, 29–35	6	4
Peas, dry field and seed.	—	29	—	Rhubarb	—	31	—
Peas, green.	25, 28–35	31	10	Rice.	26, 28–35	28	—
Pecans	—	32	—	Romaine and lettuce	—	31	—
Peppers.	—	31	—	Rye for grain	25	28	10
Persian melons.	—	31	—	Ryegrass seed	—	30	—
Persimmons	—	32	—				
Petroleum expense	6, 7, 17, 29–35	12, 13	5	S			
Pheasants.	—	26	—	Safflower.	—	28	—
Pickup balers	14, 29–35	—	7	Sales of agricultural products	10, 13, 17, 29–35	9–11	2
Pigeons or squab	—	26	—	Salt hay	—	35	—
Pimientos	—	31	—	Sanitation chemicals	15, 29–35	—	6
Pineapples.	27	35	—	Seeds, bulbs, plants, and trees purchased.	6, 17, 29–35	12	5
Pistachios	—	32	—	Set aside program, acreage	29–35	—	1
Plums.	—	32	—	Sex of operator	4, 29–35	6	—
Pomegranates	—	32	—	Shallots.	—	31	—

	State tables	County tables		State tables	County tables		
		Summary	County report		Summary	County report	
S-Con.							
Sheep and lambs	17, 18, 22, 29-35	20	9	Tropical and baitfish sold	24	25	
Sheep and lambs shorn	22, 29-35	20	9	Trout sold	24	25	
Sheep, lambs, and wool sold, value.	10, 18, 22, 29-35	20	2, 9	Trucks including pickups.	14, 29-35	—	
Size of farm, average	1, 2, 29-35	1	1	Turkeys	19, 29-35	26	
Small grain hay	26	30	—	Turnip greens.	—	31	
Snap beans, bush and pole.	—	31	—	Turnips.	—	31	
Sod	—	34	—	Type of farm (SIC)	13, 29-35	8	
Sorghums	25-35	28, 30 35	10	Type of organization	4, 5, 29-35	5	
Soybeans.	25-35	29, 30	10	V			
Spanish origin, operators of . . .	4, 29-35	42	—	Value of agricultural products sold.	10, 13, 17, 29-35	9-11	2
Spelt and emmer	—	28	—	Value of land and buildings	1, 2, 13, 17, 29-35	1	1
Spinach.	—	31	—	Value of machinery and equipment.	13, 14, 17, 29-35	15	7
Squash	—	31	—	Vegetable and flower seeds.	—	34	—
Standard industrial classifica- tion of farms (SIC)	13, 29-35	8	—	Vegetables, greenhouse.	—	34	—
Steers, steer calves, bulls, and bull calves.	20, 29-35	16	9	Vegetables harvested for sale	25-35	31	10
Storage, selected petroleum . . .	8	13	—	Vegetables, sweet corn, or melons sold, value.	10, 29-35	—	2
Strawberries.	25, 26	33	10	Velvetbeans for beans	—	35	—
Sudangrass seed	—	30	—	Vetch seed.	—	30	—
Sugar beets.	26, 28-35	29	—	W			
Sugarcane	26, 27, 29-35	29	—	Wages paid to farm workers	6, 9, 17, 29-35	12, 14	5
Sunflower seed	28-35	28	—	Walnuts, English or Persian	28-35	32	—
Sweet corn.	25, 28-35	31	10	Watercress	—	31	—
Sweet corn for seed.	—	35	—	Watermelons.	—	31	—
Sweetpotatoes.	25, 27-35	29	10	Weeds, chemical control.	15, 29-35	—	6
T							
Tangelos	—	32	—	Wheat for grain	25-35	28	10
Tangerines and mandarins . . .	—	32	—	Wheatgrass seed.	—	30	—
Taro	—	35	—	Wheel tractors.	14, 29-35	—	7
Tenant operated farms.	4, 29-35	4, 40	4	Wild hay	26, 28-35	30	—
Tenure	4, 29-35	4, 40	4	Wild rice	—	28	—
Timothy seed	—	30	—	Woodland	1, 2, 29-35	2	1
Tobacco	25-35	29	10	Wool, pounds shorn.	22, 29-35	20	9
Tobacco sold, value.	10, 29-35	—	2	Work off-farm by operator.	4, 29-35	6	4
Tomatoes	25, 28-35	31	10	Workers on farms.	9, 29-35	14	8
Tractors, wheel	14, 29-35	—	7	Worms.	23	27	—
Triticale	—	28	—	Wormseed oil	—	35	—

1980 U.S. Industrial Outlook for 200 industries with projections for 1984

**JUST
OUT**



**ORDER
NOW!**

1980
U.S. Industrial
Outlook
for 200
industries
with projections
for 1984

Check (money order, or Supt. Docs. coupons) enclosed for
(Make check or money order payable to Superintendent of Documents.)
 Charge my Deposit Account No. _____
Order from: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.
Mail book to:
NAME _____
COMPANY _____
ADDRESS _____
. CITY _____

(please type or print)

An objective
industry-by-industry
analysis of a major
part of the
Nation's economy

Covers over 200 manufacturing and
service industries. More than 500
pages with trend charts, industry pro-
files, tables of trends and projections,
and input-output charts for key in-
dustries.

This 500-page book is the work of
nearly 100 industry specialists and
economists. Data is gathered from
private sources and from the major
Government statistical bureaus, in-
cluding:

Bureau of the Census
Bureau of Economic Analysis
Bureau of Labor Statistics
Not available in any other single
volume.

Useful to anyone who needs an
overview of U.S. industry. Used widely
by those responsible for
Marketing & market planning
Financial planning
Credit operations

State & regional development
Economic studies & counseling

Special features in the 1980 edition:

- Economic assumptions
- Eighties for small business in the
- Rankings of U.S. industries by
years ahead
- Input-output charts for key
industries

copies at \$8.50 each, total \$_____
for _____ copies at \$8.50 each, total \$_____
for _____ copies at \$8.50 each, total \$_____
for _____

Government Printing Office, Washington, D.C. 20402.

ZIP CODE _____
STATE _____
FOR USE OF SUPT. DOCS.
Enclosed _____
To be mailed later _____
Refund _____
Coupon refund _____
Postage _____

PUBLICATION PROGRAM

PRELIMINARY REPORTS

Census of Agriculture—A separate report is being published for each county in the United States with 10 farms or more, each State, the four geographic regions, and the United States. These reports contain data for all farms and for farms with sales of \$2,500 or more. Limited data are shown for agricultural operations with less than \$1,000 in sales that would have qualified as census farms under the definition prior to the current one.

Census of Agricultural Services—A two-page preliminary report is being published for each State that includes data for the number of establishments by primary activity, gross receipts, and payroll.

The statistics in these reports are superseded by those in the final reports, volumes 1 through 5.

FINAL REPORTS

Volume 1. State and County Data—56 reports (AC78-A-1 to 56)

A separate report is being published for each State, the United States, Puerto Rico, Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands. Data are presented for each area and its subdivisions. The reports for States show data for all farms and for farms with sales of \$2,500 or more. Included are several tables providing data for agricultural operations with less than \$1,000 in sales that would have qualified as farms under the definition prior to the current one. Each State report is divided into three chapters: Chapter 1 contains detailed data at the State level classified by size of farm, tenure, age and occupation of operator, type of organization, value of products sold, and major standard industrial classification (types) of farms; chapter 2 contains data at the county level for selected major items, and miscellaneous crop, livestock, and poultry items; chapter 3 contains detailed data for the State and each county.

Volume 2. Statistics by Subject—9 reports (AC78-S-1 to 9)

Separate parts are being published with totals for the United States, regions, divisions, and States. Data will be shown for all farms and for farms with sales of \$2,500 or more.

The titles of the nine separate parts are: 1. General Information: Procedures for Collection, Processing, and Classification; 2. Farms: Number, Acreage, Value of Land and Buildings, Land Use, Size of Farm; 3. Tenure, Type of Organization, Operator Characteristics, Principal Occupation; 4. Farm Expenditures, Labor, Equipment and Facilities, Chemicals; 5. Livestock, Poultry, Livestock and Poultry Products, Fish, Animal Specialties; 6. Crops, Nursery and Greenhouse Products; 7. Value of Products, Value of Sales Group, Other Income; 8. Standard Industrial Classification of Farms; 9. Irrigation on Farms.

Volume 3. Agricultural Services—1 report (AC78-AS)

The report presents data for establishments primarily engaged in soil preparation services, crop services, veterinary services, other animal services, farm labor and management services, or landscape and horticultural services.

This report presents data for each county, each State, and the United States. The data cover dollar volume of business, payroll, supplemental labor costs, gross receipts by type of services performed, labor and payroll, gross receipts from products provided in connection with services performed, capital expenditures, changes in gross value of depreciable assets, and expenditures for energy and petroleum products. Selected statistics are shown for the 4-digit standard industrial classification codes and by size and type of organization.

Volume 4. Irrigation—1 report (AC78-IR)

Irrigation data collected in the 1978 Census of Agriculture and in the census of irrigation of water-supply organizations will be published by regions, divisions, States, and for drainage basins. On-farm irrigation data will include irrigated crop acreages and classifications of irrigated land use. Irrigation organization data will include number of farms served, irrigated acres served, quantities of water used and conveyed, inventory of irrigation facilities and equipment, and financial characteristics.

Volume 5. Special Reports—9 reports (AC78-SR-1 to 9)

These reports are based on additional tabulations of the census data, evaluation studies, and follow-on surveys conducted for calendar year 1979 to obtain additional data on specialized subjects.

The nine reports are entitled: Graphic Summary, Ranking Counties and States, Coverage Evaluation, Procedural History, Drainage of Agricultural Lands, Farm Finance Survey, Census of Horticultural Specialties, Farm and Ranch Irrigation Survey, and Farm Energy Survey.

COMPUTER TAPES

Public-use computer tapes contain the same summary statistics that are found in the published preliminary reports. Order forms may be obtained from the Customer Services Branch, Data User Services Division, Bureau of the Census, Washington, D.C. 20233 (telephone 301/449-1600). Upon request, special sets of tapes of the data in volume 1 may be obtained from the Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

PUBLICATIONS ORDER FORMS

Publication order forms for the census reports may be obtained from any Department of Commerce district office or from Customer Services Branch, Data User Services Division, Bureau of the Census, Washington, D.C. 20233.

Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402

Official Business
Penalty for Private Use, \$300

Postage and Fees Paid
U.S. Department
of Commerce

COM-202



Special Fourth-Class
Rate-Book

