

2017 | CENSUS OF AGRICULTURE

Michigan

State and County Data

Volume 1 • Geographic Area Series • Part 22

AC-17-A-22

Issued April 2019

United States Department of Agriculture
Sonny Perdue, Secretary
National Agricultural Statistics Service
Hubert Hamer, Administrator

Acknowledgments

The U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) conducted the 2017 Census of Agriculture, analyzed the data, and prepared this and other reports. The census provides a comprehensive picture of U.S. agriculture in 2017, and NASS recognizes and appreciates that many individuals and organizations contributed to the effort.

Most importantly, the success of the agriculture census depends directly on the cooperation of farmers and ranchers across the country. Recognizing that participating in the census is their responsibility and gives them a voice in their future, agricultural producers took the time to provide the information requested. We are grateful to every producer who participated in the 2017 census.

Also essential were the many partners who communicated about the census and encouraged producers to respond. Farm organizations, stakeholder groups, agriculture media, community-based organizations, and land grant and other universities helped build awareness of the census and its importance to producers, their communities, and U.S. agriculture as a whole. We appreciate their help in reaching all kinds of agricultural operations, thereby ensuring a comprehensive census.

Various USDA agencies and State departments of agriculture provided valuable advice during the planning, data collection, and processing phases of the census, as well as critical assistance at the local level to farmers and ranchers completing census forms. Our thanks to them and to the enumerators who collected data locally through NASS' cooperative agreement with the National Association of State Departments of Agriculture.

Members of the Advisory Committee on Agriculture Statistics offered advice on census questions, as well as their strong and consistent support and thoughtful recommendations for census and other programs. Representatives of public and private organizations provided input as well.

Finally, we acknowledge and appreciate the support services of the U.S. Department of Commerce National Processing Center in Jeffersonville, IN.

To learn more about the census of agriculture, visit www.nass.usda.gov/AgCensus, where you can access new and historic data in a variety of formats, including the Quick Stats database. To learn about other NASS reports and activities, visit www.nass.usda.gov. For additional information, contact NASS Customer Service through email (nass@nass.usda.gov) or phone (800-727-9540).

In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotope, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at [How to File a Program Discrimination Complaint](#) and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov.

USDA is an equal opportunity provider, employer, and lender.

Contents

Introduction.....	Page VII
State Map	1

FIGURES

1. Profile of the State’s Agriculture.....	2
2. Farms by Size	3
3. Farms by Market Value of Agricultural Products Sold.....	3
4. Market Value of Agricultural Products Sold.....	4
5. Average Market Value per Farm.....	4
6. Selected Farm Production Expenses	5
7. Selected Farm Production Expenses – Percent of Total.....	5
8. Farms by Legal Status – Percent of Total	6

TABLES

CHAPTER 1. State Data

1. Historical Highlights: 2017 and Earlier Census Years.....	7
2. Market Value of Agricultural Products Sold Including Landlord’s Share, Food Marketing Practices, and Value-Added Products: 2017 and 2012.....	9
3. Economic Class of Farms by Market Value of Agricultural Products Sold and Government Payments: 2017 and 2012.....	11
4. Farm Production Expenses: 2017 and 2012	12
5. Net Cash Farm Income of the Operations and Producers: 2017 and 2012	16
6. Federal Government Payments and Commodity Credit Corporation Loans: 2017 and 2012	16
7. Income From Farm-Related Sources: 2017 and 2012.....	17
8. Land: 2017 and 2012	17
9. Land in Farms, Harvested Cropland, and Irrigated Land by Size of Farm: 2017 and 2012	18
10. Irrigation: 2017 and 2012	18
11. Selected Characteristics of Irrigated and Nonirrigated Farms: 2017 and 2012.....	19
12. Cattle and Calves – Inventory: 2017 and 2012	20
13. Cattle and Calves – Sales: 2017 and 2012.....	21
14. Cattle and Calves Herd Size by Inventory and Sales: 2017	21
15. Cow Herd Size by Inventory and Sales: 2017	22
16. Beef Cow Herd Size by Inventory and Sales: 2017	22
17. Milk Cow Herd Size by Inventory and Sales: 2017	23
18. Cattle and Calves – Number Sold Per Farm by Sales: 2017	23
19. Hogs and Pigs – Inventory: 2017 and 2012.....	23

20. Hogs and Pigs – Sales: 2017 and 2012.....	24
21. Hogs and Pigs Herd Size by Inventory and Sales: 2017	24
22. Hogs and Pigs – Inventory and Sales by Number Sold Per Farm: 2017	24
23. Hogs and Pigs – Inventory by Type of Producer: 2017.....	24
24. Hogs and Pigs – Number Sold by Type of Producer: 2017.....	25
25. Hogs and Pigs – Inventory by Type of Operation: 2017	25
26. Hogs and Pigs – Number Sold by Type of Operation: 2017	25
27. Sheep and Lambs Flock Size by Inventory, Sales, and Wool Production: 2017.....	25
28. Goats, Kids, and Mohair – Inventory, Mohair Production, and Sales: 2017 and 2012.....	26
29. Equine – Inventory and Sales: 2017	26
30. Poultry – Inventory and Number Sold: 2017 and 2012.....	27
31. Aquaculture Sales: 2017 and 2012	27
32. Other Animals – Inventory: 2017 and 2012	28
33. Other Animals and Animal Products – Sales: 2017 and 2012.....	28
34. Specified Crops Harvested – Yield per Acre Irrigated and Nonirrigated: 2017.....	28
35. Specified Crops by Acres Harvested: 2017 and 2012	29
36. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012.....	32
37. Specified Fruits and Nuts by Acres: 2017 and 2012	35
38. Berries by Acres: 2017	37
39. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012.....	38
40. Woodland Crops Sales: 2017 and 2012.....	39
41. Farms by Concentration of Market Value of Agricultural Products Sold: 2017	40
42. Commodities Raised and Delivered Under Production Contracts: 2017 and 2012.....	41
43. Value of Land and Buildings: 2017 and 2012	41
44. Value of Machinery and Equipment on Operation: 2017 and 2012.....	41
45. Selected Machinery and Equipment on Operation: 2017 and 2012	42
46. Fertilizers and Chemicals Applied: 2017 and 2012.....	42
47. Land Use Practices by Size of Farm: 2017 and 2012.....	43
48. Selected Characteristics of Farms by North American Industry Classification System: 2017	44
49. Renewable Energy: 2017 and 2012	45
50. Institutional, Research, Experimental, and American Indian Reservation Farms: 2017 and 2012	45
51. Organic Agriculture: 2017 and 2012	46
52. Selected Producer Characteristics: 2017 and 2012.....	47
53. Selected Farm Characteristics by Producers’ Involvement in Decisionmaking: 2017	48
54. Involvement in Decisionmaking by Selected Producer Characteristics: 2017	50
55. Male Producers – Selected Farm Characteristics: 2017	51
56. Male Producers – Selected Producer Characteristics: 2017	52
57. Female Producers – Selected Farm Characteristics: 2017.....	53
58. Female Producers – Selected Producer Characteristics: 2017.....	54
59. Hispanic, Latino, or Spanish Origin Producers – Selected Farm Characteristics: 2017	55
60. Hispanic, Latino, or Spanish Origin Producers – Selected Producer Characteristics: 2017	56
61. Selected Farm Characteristics by Race: 2017	58

62. Selected Farm Characteristics by Race of Principal Producers: 2017	62
63. Selected Producer Characteristics by Race: 2017	66
64. Selected Principal Producer Characteristics by Race: 2017.....	68
65. Producers with Military Service – Selected Farm Characteristics: 2017.....	70
66. Producers with Military Service – Selected Producer Characteristics: 2017.....	71
67. Young Producers – Selected Farm Characteristics: 2017	72
68. Young Producers – Selected Producer Characteristics: 2017	73
69. New and Beginning Producers – Selected Farm Characteristics: 2017	74
70. New and Beginning Producers – Selected Producer Characteristics: 2017	75
71. Summary by Size of Farm: 2017.....	76
72. Summary by Market Value of Agricultural Products Sold: 2017	102
73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017.....	128
74. Summary by Legal Status for Tax Purposes: 2017	154
75. Summary by North American Industry Classification System: 2017	180
76. Summary by Tenure of Farm Operation: 2017	208
77. Summary by Operating Arrangements: 2017.....	221

CHAPTER 2. County Data

1. County Summary Highlights: 2017.....	234
2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012	255
3. Farm Production Expenses: 2017 and 2012	290
4. Net Cash Farm Income of the Operations and Producers: 2017 and 2012	309
5. Federal Government Payments and Commodity Credit Corporation Loans: 2017 and 2012	314
6. Income From Farm-Related Sources: 2017 and 2012.....	321
7. Hired Farm Labor – Workers and Payroll: 2017.....	335
8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012	349
9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012	377
10. Irrigation: 2017 and 2012	391
11. Cattle and Calves – Inventory and Sales: 2017 and 2012	405
12. Hogs and Pigs – Inventory and Sales: 2017 and 2012	436
13. Sheep and Lambs – Inventory, Sales, and Wool Production: 2017 and 2012.....	450
14. All Goats – Inventory and Sales: 2017 and 2012	455
15. Milk Goats – Inventory and Sales: 2017 and 2012	456
16. Angora Goats – Inventory and Sales: 2017 and 2012	457
17. Meat Goats and Other Goats – Inventory and Sales: 2017 and 2012.....	458
18. Equine – Inventory and Sales: 2017 and 2012	459
19. Poultry – Inventory and Number Sold: 2017 and 2012.....	461
20. Miscellaneous Poultry – Inventory and Number Sold: 2017 and 2012.....	475
21. Colonies of Honey Bees – Inventory and Honey Sales: 2017 and 2012.....	483
22. Aquaculture Sales: 2017 and 2012.....	484
23. Miscellaneous Livestock and Animal Specialties – Inventory and Sales: 2017 and 2012	485
24. Selected Crops Harvested: 2017.....	491
25. Field Crops: 2017 and 2012	519
26. Field Seeds, Grass Seeds, Forage, Hay, and Silage: 2017 and 2012.....	531
27. Other Crops: 2017 and 2012.....	542

28. Land Used for Vegetables and Vegetables Harvested for Sale: 2017 and 2012	544
29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012.....	545
30. Land in Orchards: 2017 and 2012	585
31. Fruits and Nuts: 2017 and 2012.....	586
32. Land in Berries: 2017 and 2012.....	600
33. Berries: 2017.....	601
34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012	608
35. Cultivated Christmas Trees: 2017 and 2012.....	621
36. Short Rotation Woody Crops: 2017 and 2012.....	622
37. Maple Syrup: 2017 and 2012.....	623
38. Commodities Raised and Delivered Under Production Contracts: 2017	624
39. Machinery and Equipment on Operation: 2017 and 2012.....	625
40. Fertilizers and Chemicals Applied: 2017 and 2012.....	644
41. Land Use Practices: 2017 and 2012.....	651
42. Organic Agriculture: 2017 and 2012	665
43. Selected Practices: 2017 and 2012	672
44. Farms by North American Industry Classification System: 2017	677
45. Selected Operation and Producer Characteristics: 2017.....	681
46. Male Producers: 2017	723
47. Female Producers: 2017	724
48. Hispanic, Latino, or Spanish Origin Producers: 2017	725
49. American Indian or Alaska Native Producers: 2017	726
50. Asian Producers: 2017.....	727
51. Black or African American Producers: 2017.....	727
52. Native Hawaiian or Other Pacific Islander Producers: 2017.....	728
53. White Producers: 2017	729
54. Producers Reporting More Than One Race: 2017.....	730
55. Producers With Military Service: 2017	731
56. Young Producers: 2017	732
57. New and Beginning Producers: 2017	733

APPENDICES

A. Census of Agriculture Methodology	A-1
B. General Explanation and Census of Agriculture Report Form.....	B-1

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

Introduction

HISTORY

The 2017 Census of Agriculture is the 29th Federal census of agriculture and the fifth conducted by the U.S. Department of Agriculture (USDA), National Agricultural Statistics Service (NASS). The U.S. Department of Commerce, Bureau of the Census conducted the census of agriculture for 156 years (1840-1996). The 1997 Appropriations Act contained a provision that transferred the responsibility for the census of agriculture to NASS.

The history of collecting data on U.S. agriculture dates back as far as President George Washington, who kept meticulous statistical records describing his own and other farms. In 1791, President Washington wrote to farmers requesting information on land values, crop acreages, crop yields, livestock prices, and taxes. Washington compiled the results on an area extending roughly 250 miles from north to south and 100 miles from east to west which today lies in Maryland, Pennsylvania, Virginia, West Virginia, and the District of Columbia, where most of the young country's population lived. In effect, Washington's inquiry was an attempt to fulfill the need for sound agricultural data for a nation that was heavily reliant on the success of agriculture. Such informal inquiries worked while the Nation was young, but were insufficient as the country expanded.

In 1839, Congress appropriated \$1,000 for "carrying out agricultural investigations, and procuring agricultural statistics." The first agriculture census was taken in 1840 as part of the sixth decennial census of population. As the country expanded and agriculture evolved, the decade between censuses became too long an interval to capture the changes in agricultural production. After the 1920 census, the census interval was changed to every five years resulting in a separate, mid-decade census of agriculture that was conducted in 1925, 1935, and 1945. The agriculture census continued as part of the decennial census through 1950. From 1954 to 1974, the census was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture for 1978 and 1982 to adjust the data reference year so it coincided with other economic censuses. This adjustment in timing established

the census of agriculture on a 5-year cycle collecting data for years ending in 2 and 7.

USES OF CENSUS DATA

The census of agriculture provides a detailed picture of U.S. farms and ranches every five years. It is the leading source of uniform, comprehensive agricultural data for every State and county or county equivalent. Census of agriculture data are routinely used by agriculture organizations, businesses, State departments of agriculture, elected representatives and legislative bodies at all levels of government, public and private sector analysts, the news media, and colleges and universities. Census of agriculture data are frequently used to:

- Show the importance and value of agriculture at the county, State, and national levels;
- Provide agricultural news media and agricultural associations benchmark statistics for stories and articles on U.S. agriculture and the foods we produce;
- Compare the income and costs of production;
- Provide important data about the demographics and financial well-being of producers;
- Evaluate historical agricultural trends to formulate farm and rural policies and develop programs that help agricultural producers;
- Allocate local and national funds for farm programs, e.g. extension service projects, agricultural research, soil conservation programs, and land-grant colleges and universities;
- Identify the assets needed to support agricultural production such as land, buildings, machinery, and other equipment;
- Create an extensive database of information on uncommon crops and livestock and the value of those commodities for assessing the need to develop policies and programs to support those commodities;
- Provide geographic data on production so agribusinesses will locate near major production areas for efficiencies for both producers and agribusinesses;

- Measure the usage of modern technologies such as conservation practices, organic production, renewable energy systems, internet access, and specialized marketing strategies;
- Develop new and improved methods to increase agricultural production and profitability;
- Plan for operations during drought and emergency outbreaks of diseases or infestations of pests;
- Analyze and report the current state of food, fuel, and fiber production in the United States; and
- Make energy projections and forecast needs for agricultural producers and their communities.

LEGAL AUTHORITY

The 2017 Census of Agriculture is required by law under the “Census of Agriculture Act of 1997,” Public Law 105-113 (Title 7, United States Code, Section 2204g). The law directs the Secretary of Agriculture to conduct a census of agriculture every fifth year. The census of agriculture includes each State, Puerto Rico, Guam, the U.S. Virgin Islands, the Commonwealth of Northern Mariana Islands, and American Samoa.

FARM DEFINITION

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

DATA COMPARABILITY

Most commodity data are comparable between the 2017 and 2012 censuses. Changes were made to the 2017 census that affect the comparability for some data items. Demographic data, for the 2017 Census of Agriculture, are not fully comparable to 2012 and earlier census data due to terminology and definition changes. Dollar figures are expressed in current dollars and have not been adjusted for inflation or deflation. In general, data for censuses since 1974 are not fully comparable with data for 1969 and earlier censuses due to changes in the farm definition. See Appendix B, General Explanation and Census of Agriculture Report Form, Data Changes for a detailed

discussion of these changes.

REFERENCE PERIOD

Reference periods for the 2017 Census of Agriculture were similar to those used in the 2012 Census of Agriculture. Reference periods used were:

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

TABLES AND APPENDICES

Chapter 1. Table 1 shows State-level historical data through the 1987 census and tables 2 through 52 show detailed State-level data usually accompanied by historical data from the 2012 census. Tables 53 through 70 show detailed producer and farm operation data for the 2017 census only. Tables 71 through 77 show detailed State-level data cross-tabulated by several categories for the 2017 census only.

Chapter 2. County-level data are presented in 57 tables in 2 different table formats - county and county summary. Most tables include 2012 historical data. County tables include general data for all counties within the State. The county names are listed in alphabetical order in the column headings. County summary tables provide comprehensive data for all counties reporting a data item.

Appendix A. Provides information about data collection and data processing activities and discusses the statistical methodology used in conducting and evaluating the census. Table A summarizes coverage, nonresponse, and misclassification adjustment for selected items for the State. Table B provides reliability estimates of State totals for selected items. Table C summarizes coverage, nonresponse, and misclassification adjustment for selected items at the county level. Table D provides total number

of American Indian or Alaska Native farm producers both on and off reservations by county.

Appendix B. Includes definitions of specific terms and phrases used in this publication, including items in the publication tables that carry the note "see text." It also provides facsimiles of the report form and instruction sheet used to collect data.

RESPONDENT CONFIDENTIALITY

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

SPECIAL EFFORTS DIRECTED AT MINORITIES

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

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

SPECIAL STUDIES AND CUSTOM TABULATIONS

Special studies such as the 2018 Irrigation and Water Management Survey and the 2018 Census of Aquaculture are part of the census program and provide supplemental information to the 2017 Census of Agriculture in the respective subject area. Results are published on the internet.

Custom-designed tabulations may be developed when data are not published elsewhere. These tabulations are

developed to individual user specifications on a cost-reimbursable basis and shared with the public. Quick Stats, NASS's online database that allows data users to build customized queries, should be investigated before requesting a custom tabulation.

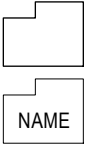
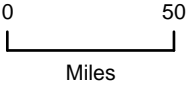
All special studies and custom tabulations are subject to a thorough disclosure review prior to release to prevent the disclosure of any individual respondent data. Requests for custom tabulations can be submitted via the internet from the NASS home page, by mail, or by e-mail to:

Data Lab
National Agricultural Statistics Service
Room 5305A, Stop 2054
1400 Independence Avenue, S.W.
Washington, D.C. 20250 – 2054
or
Datalab@nass.usda.gov

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual farms.
- (H) Coefficient of variation is greater than or equal to 99.95 percent or the standard error is greater than or equal to 99.95 percent of mean.
- (IC) Independent city.
- (L) Coefficient of variation is less than 0.05 percent or the standard error is less than 0.05 percent of the mean.
- (NA) Not available.
- (X) Not applicable.
- (Z) Less than half of the unit shown.
- cwt Hundredweight.
- sq ft Square feet.



Michigan State Boundary

County Boundary and Name

Source: U.S. Bureau of the Census.
 Note: All boundaries and names are as of January 1, 2017.

Figure 1. Profile of Michigan's Agriculture

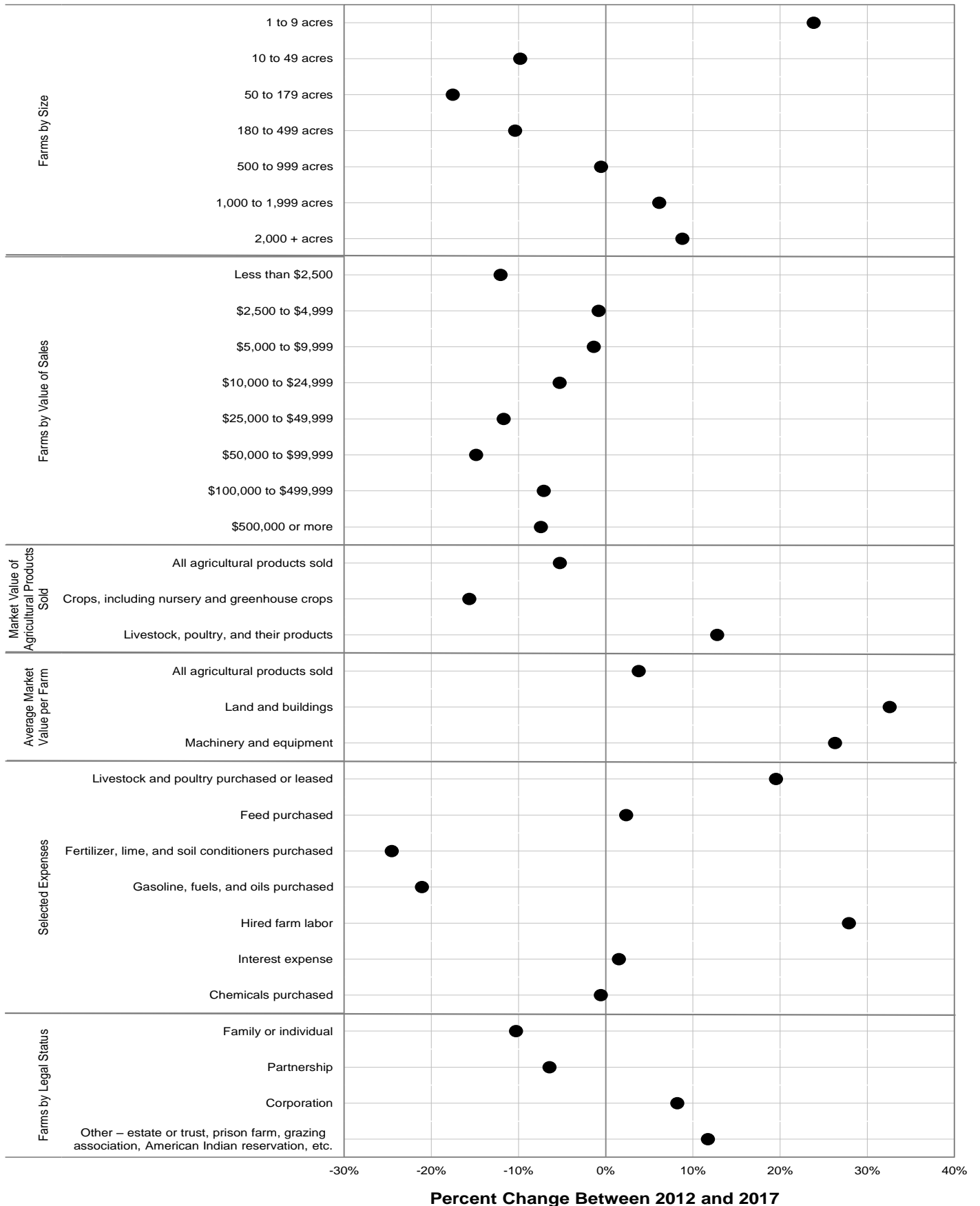


Figure 2. Farms by Size

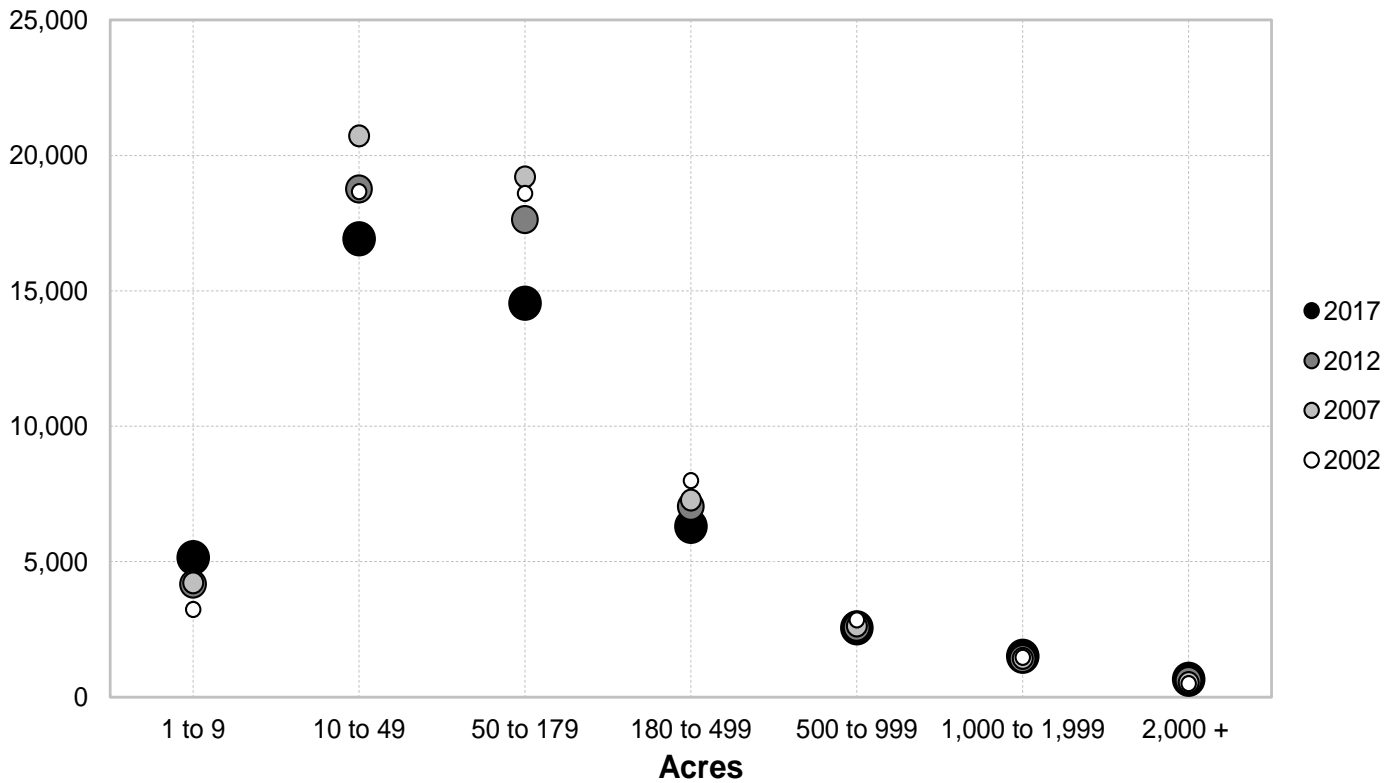


Figure 3. Farms by Market Value of Agricultural Products Sold

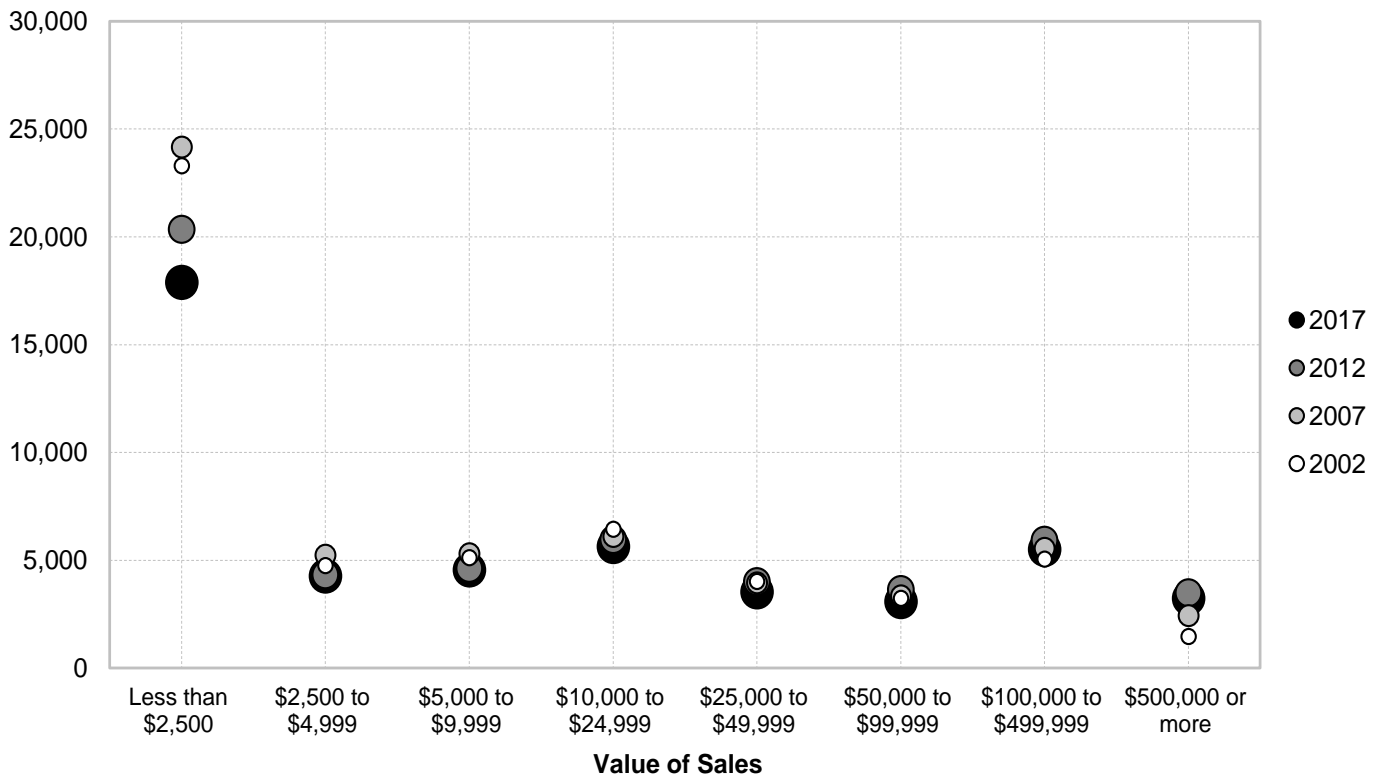


Figure 4. **Market Value of Agricultural Products Sold**

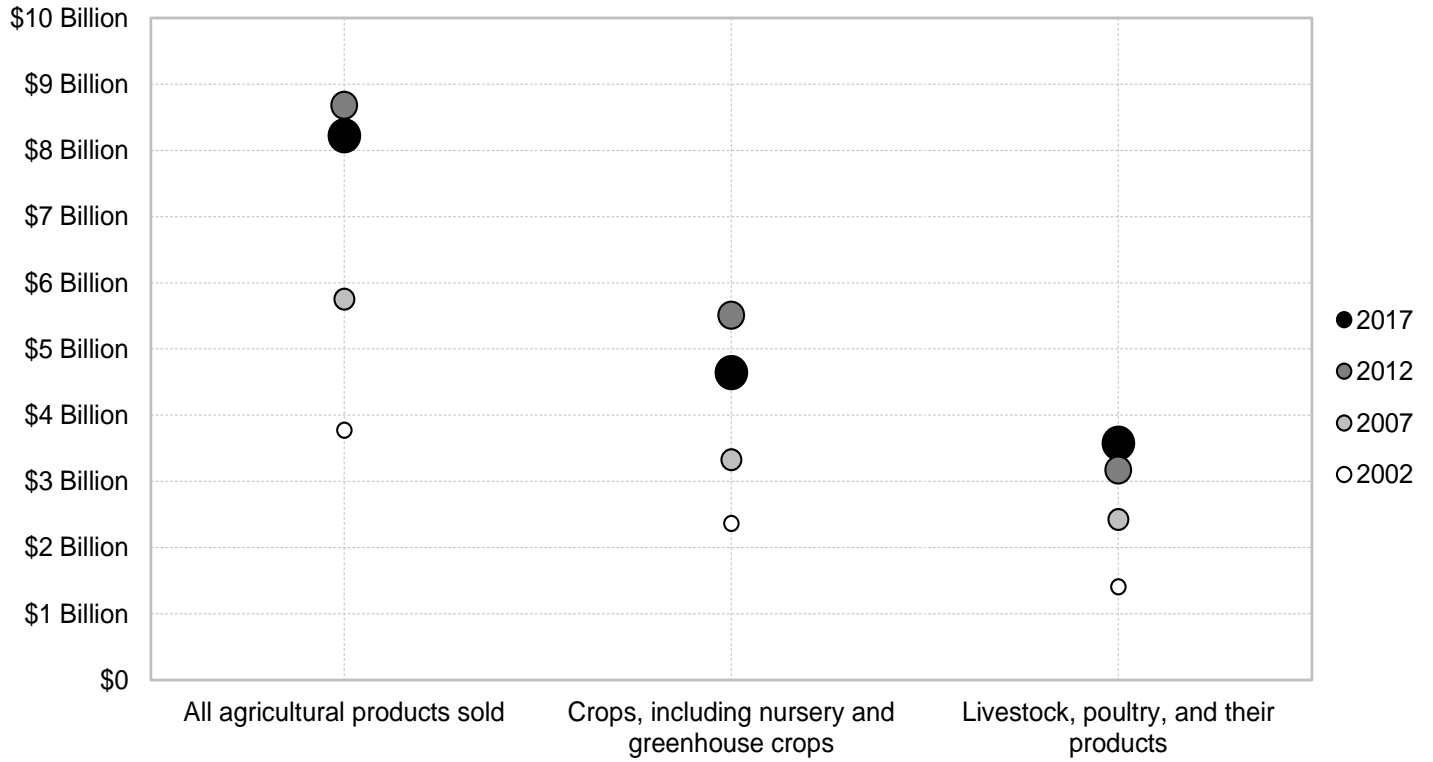


Figure 5. **Average Market Value per Farm**

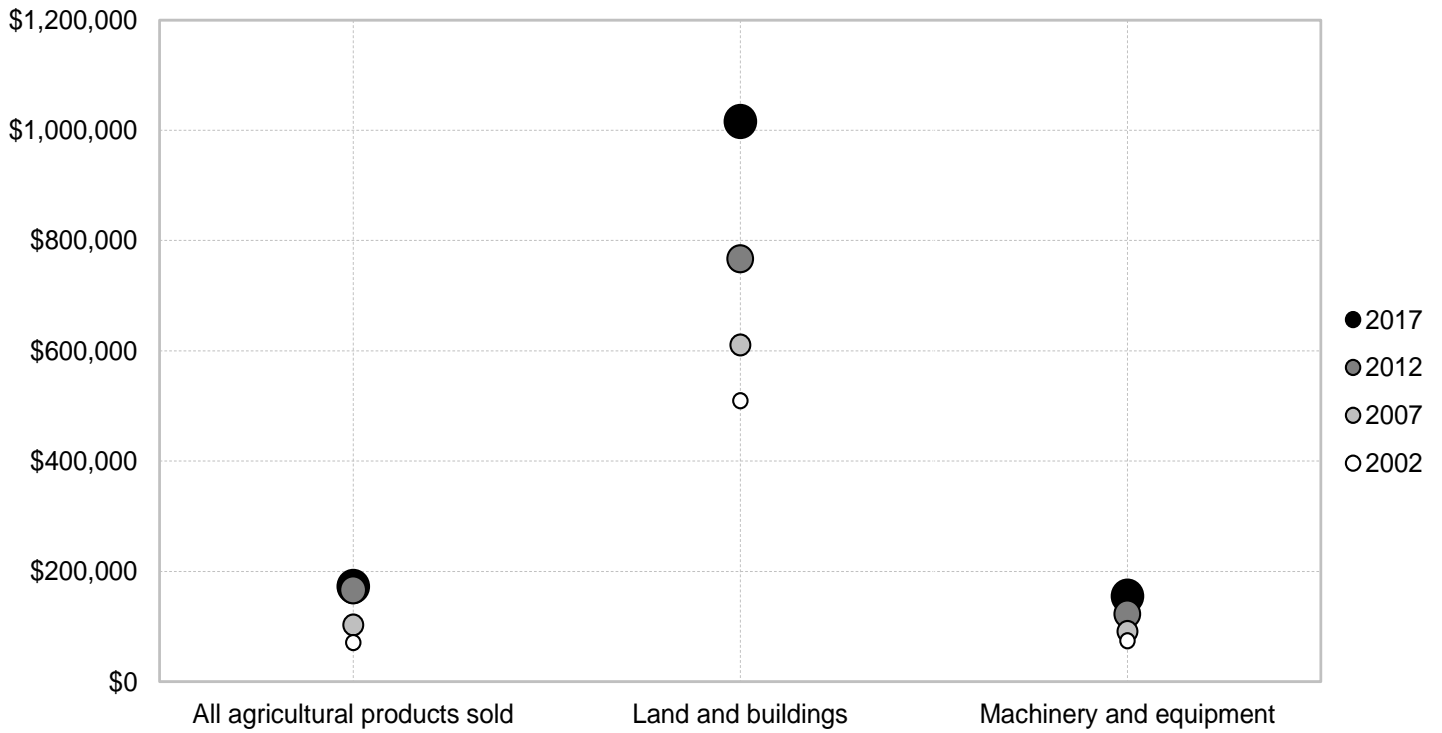


Figure 6. Selected Farm Production Expenses

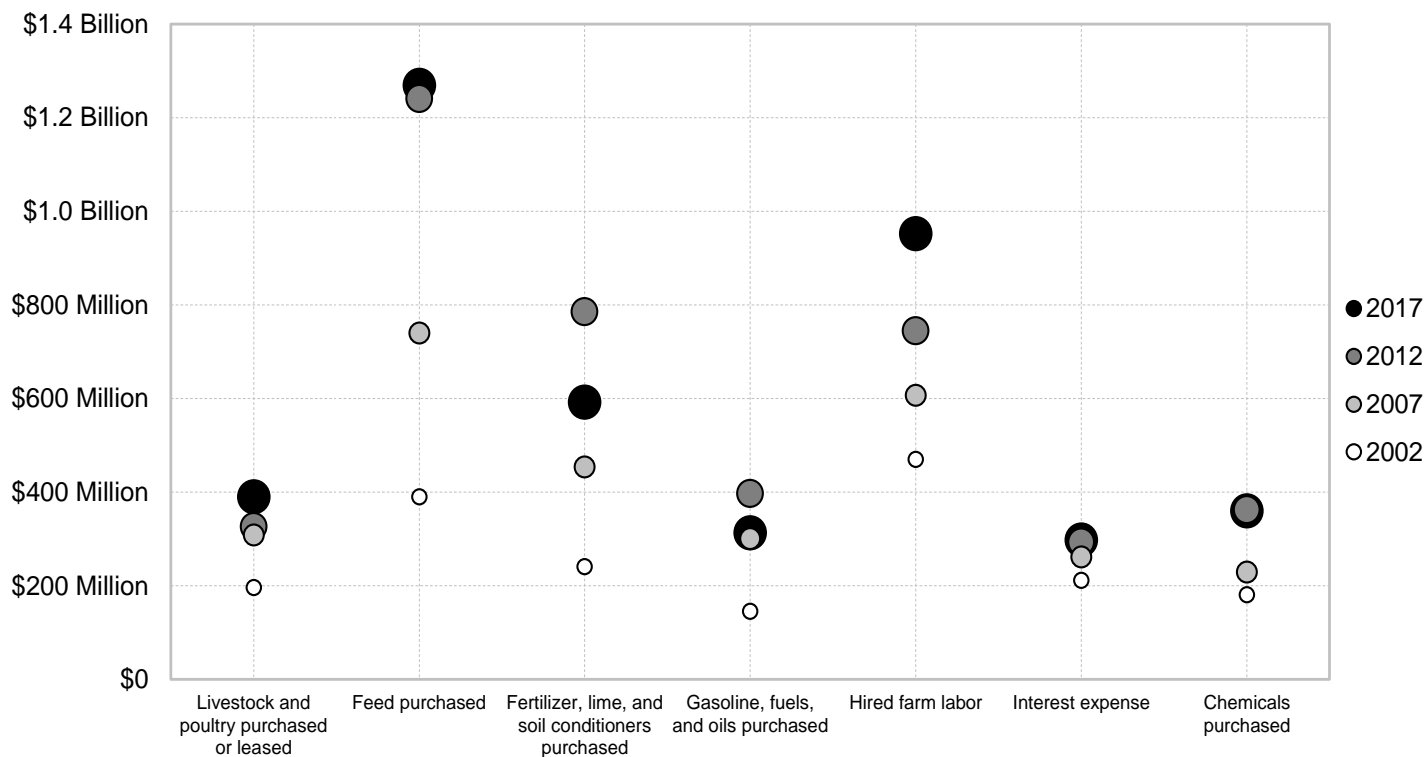


Figure 7. Selected Farm Production Expenses - Percent of Total

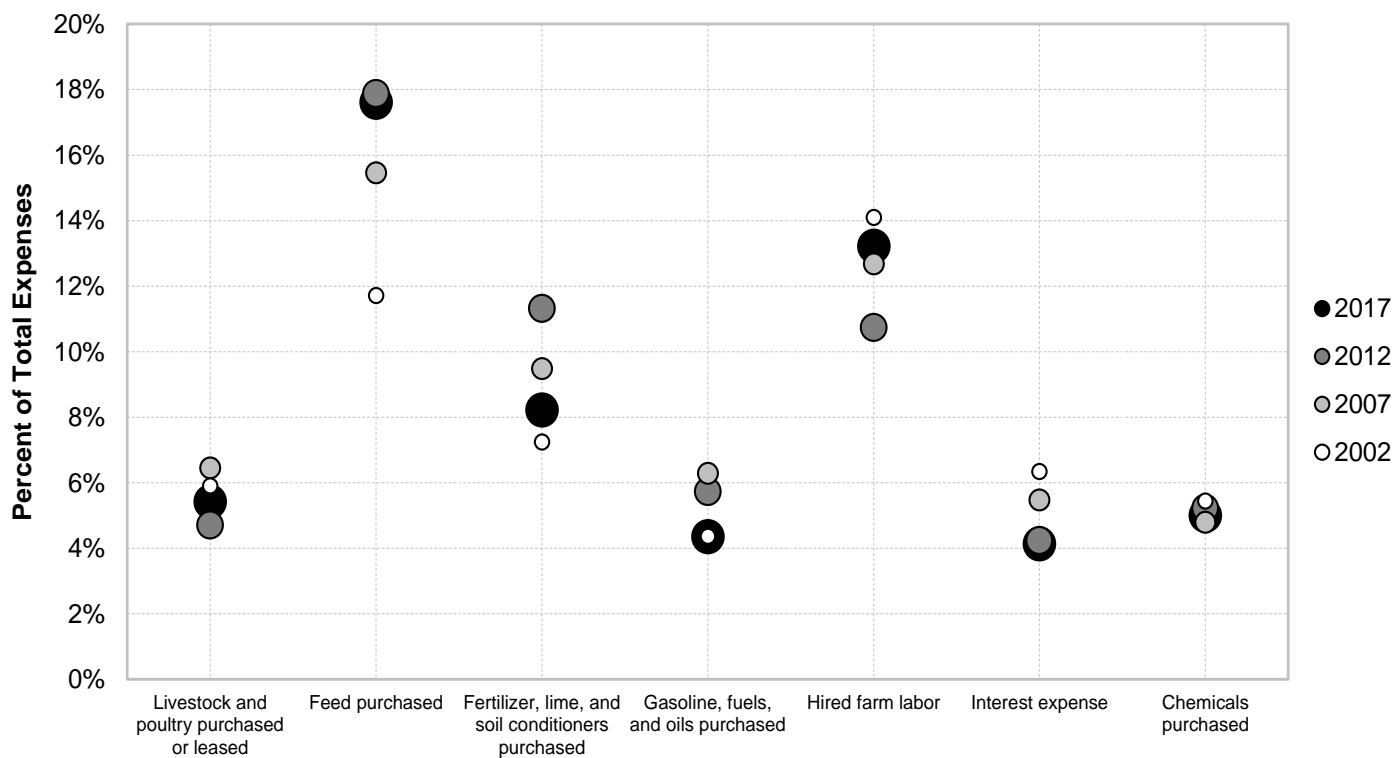


Figure 8. Farms by Legal Status - Percent of Total

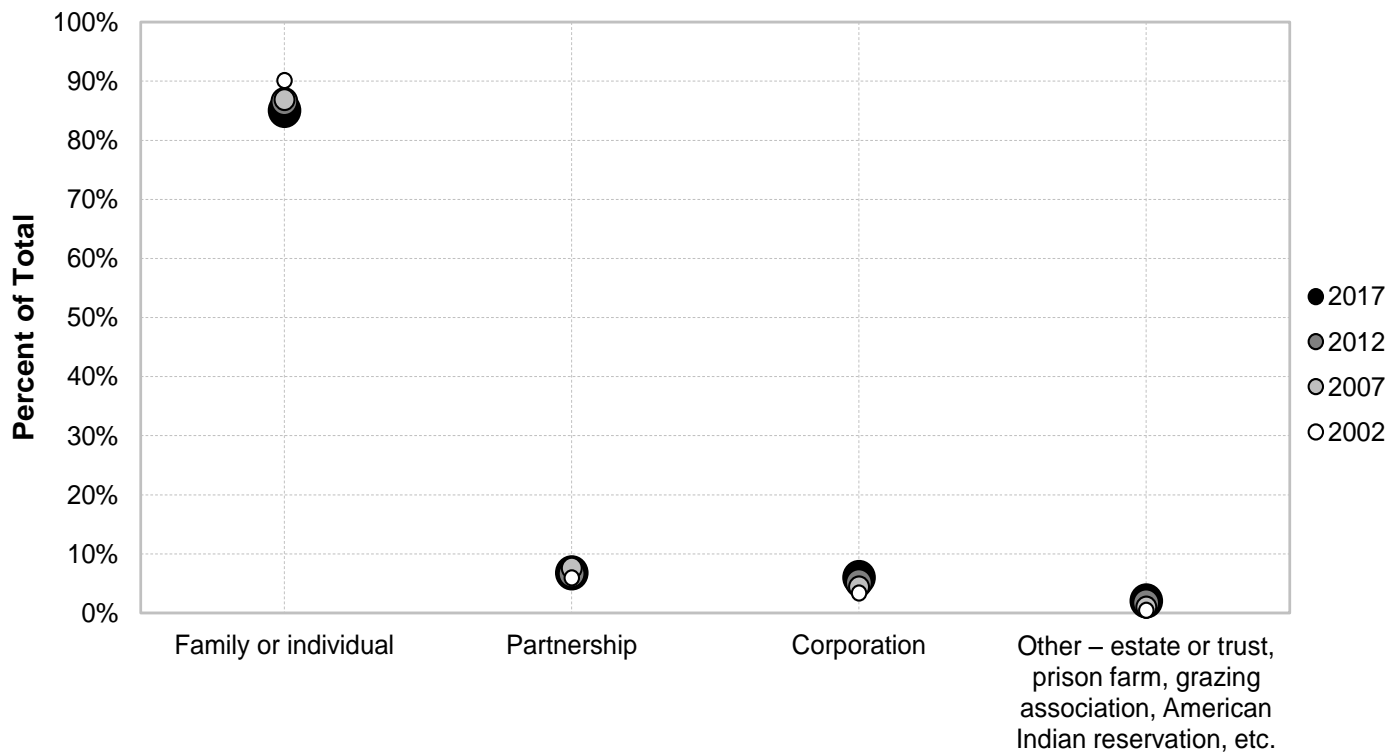


Table 1. Historical Highlights: 2017 and Earlier Census Years

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

All farms	2017	2012	2007	2002	1997	Not adjusted for coverage		
						1997	1992	1987
Farms .....number	47,641	52,194	56,014	53,315	53,519	46,027	46,562	51,172
Land in farms .....acres	9,764,090	9,948,564	10,031,807	10,142,958	10,443,935	9,872,812	10,088,170	10,316,861
Average size of farm .....acres	205	191	179	190	195	215	217	202
Estimated market value of land and buildings ¹ :								
Average per farm .....dollars	1,015,631	766,148	610,556	509,299	335,580	358,166	247,370	196,065
Average per acre .....dollars	4,955	4,020	3,409	2,667	1,704	1,671	1,131	971
Estimated market value of all machinery and equipment ¹ .....\$1,000	7,371,356	6,395,233	5,082,342	3,761,334	3,318,370	3,055,199	2,558,206	2,347,585
Average per farm .....dollars	154,740	122,533	90,742	73,910	62,011	66,361	55,028	45,954
Farms by size:								
1 to 9 acres .....farms	5,154	4,162	4,219	3,235	3,375	2,611	2,562	2,866
10 to 49 acres .....farms	16,920	18,764	20,726	18,663	15,243	12,075	11,148	12,174
50 to 179 acres .....farms	14,539	17,634	19,206	18,605	20,322	17,439	17,449	19,779
180 to 499 acres .....farms	6,308	7,040	7,275	7,993	9,606	8,989	10,289	11,329
500 to 999 acres .....farms	2,560	2,574	2,619	2,856	3,245	3,201	3,576	3,667
1,000 to 1,999 acres .....farms	1,504	1,417	1,424	1,468	1,354	1,338	1,234	1,134
2,000 acres or more .....farms	656	603	545	495	374	374	304	223
Total cropland .....farms	40,597	44,668	48,592	47,904	49,199	43,017	44,320	48,653
Harvested cropland .....acres	7,924,480	7,669,071	7,803,643	7,983,574	8,273,748	7,891,802	8,156,388	8,181,320
Irrigated land .....acres	35,147	37,479	37,868	38,244	37,941	41,334	41,334	46,017
Market value of agricultural products sold (see text) .....\$1,000	7,214,667	7,057,978	6,859,081	6,827,903	6,989,300	6,724,480	6,584,251	6,172,468
Average per farm .....dollars	5,153	5,025	5,078	4,413	4,123	3,752	3,823	3,755
Crops, including nursery and greenhouse crops .....\$1,000	670,212	592,243	500,428	456,278	407,071	393,485	366,465	314,953
Livestock, poultry, and their products .....\$1,000	8,220,935	8,678,050	5,753,219	3,772,435	3,694,670	3,567,825	3,028,547	2,545,078
Average per farm .....dollars	172,560	166,265	102,710	70,757	69,035	77,516	65,043	49,736
Crops, including nursery and greenhouse crops .....\$1,000	4,644,252	5,506,437	3,329,928	2,362,628	2,314,487	2,199,721	1,671,563	1,272,802
Livestock, poultry, and their products .....\$1,000	3,576,684	3,171,614	2,423,291	1,409,807	1,380,183	1,368,104	1,356,984	1,272,276
Farms by value of sales:								
Less than \$2,500 .....farms	17,877	20,331	24,150	23,291	16,794	12,557	10,923	12,670
\$2,500 to \$4,999 .....farms	4,268	4,303	5,229	4,749	5,863	5,049	5,579	6,774
\$5,000 to \$9,999 .....farms	4,545	4,609	5,292	5,107	6,610	5,800	6,387	7,548
\$10,000 to \$24,999 .....farms	5,631	5,946	6,094	6,429	8,066	7,213	7,752	8,460
\$25,000 to \$49,999 .....farms	3,519	3,986	3,941	4,019	4,843	4,472	4,683	5,002
\$50,000 to \$99,999 .....farms	3,084	3,623	3,342	3,229	3,837	3,663	4,163	4,322
\$100,000 to \$499,999 .....farms	5,494	5,914	5,546	5,038	6,151	5,962	6,156	5,808
\$500,000 or more .....farms	3,223	3,482	2,420	1,453	1,355	1,311	919	588
Farms by legal status for tax purposes:								
Family or individual .....farms	40,523	45,174	48,687	48,070	47,103	40,190	40,654	45,166
Partnership .....farms	3,246	3,470	4,260	3,172	4,121	3,778	4,316	4,662
Corporation .....farms	2,880	2,662	2,494	1,817	2,035	1,834	1,431	1,167
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. ....farms	992	888	573	256	260	225	161	177
Total farm production expenses ¹ .....\$1,000	7,208,181	6,942,117	4,786,767	3,333,716	2,975,925	2,835,658	2,583,189	2,211,823
Selected farm production expenses ¹ :								
Livestock and poultry purchased or leased .....\$1,000	390,358	326,573	308,543	196,578	182,079	175,474	205,867	190,386
Feed purchased .....\$1,000	1,269,333	1,240,433	740,126	390,264	422,966	414,770	333,497	273,192
Fertilizer, lime, and soil conditioners purchased ² .....\$1,000	592,379	785,135	453,795	241,158	255,435	244,613	218,185	194,526
Gasoline, fuels, and oils purchased .....\$1,000	313,479	300,854	300,854	145,503	150,939	142,449	141,653	120,621
Hired farm labor .....\$1,000	952,388	744,744	606,717	469,731	389,932	369,145	318,276	242,445
Interest expense .....\$1,000	297,871	261,676	261,676	211,406	201,024	189,849	181,417	197,966
Chemicals purchased .....\$1,000	360,374	362,470	229,101	181,198	192,051	182,494	149,282	119,993
Livestock and poultry:								
Cattle and calves inventory .....farms	12,221	13,626	14,454	14,495	18,130	15,468	17,031	19,436
Beef cows .....farms	1,201,383	1,130,477	1,048,206	998,204	1,051,130	1,025,702	1,113,604	1,163,352
Milk cows .....farms	7,445	8,016	7,848	8,144	9,062	7,566	8,163	8,163
Cattle and calves sold .....farms	103,522	108,126	109,500	117,564	125,630	116,399	116,106	110,156
Hogs and pigs inventory .....farms	2,158	2,409	2,647	3,013	4,226	3,990	5,198	6,499
Hogs and pigs sold .....farms	442,032	376,255	344,233	298,429	301,568	300,641	316,954	344,550
Broilers and other meat-type chickens sold .....farms	9,539	10,677	11,631	11,293	16,330	14,293	15,780	18,164
Layers inventory (see text) .....farms	748,919	681,128	603,609	516,107	554,154	537,681	594,685	653,806
Broilers and other meat-type chickens sold .....farms	2,017	2,198	2,691	2,180	3,316	2,853	4,774	5,577
Layers inventory (see text) .....farms	1,236,567	1,099,478	1,032,054	927,400	1,024,236	1,032,014	1,231,641	1,227,069
Broilers and other meat-type chickens sold .....farms	2,441	2,150	2,930	2,336	3,029	2,690	4,770	5,603
Layers inventory (see text) .....farms	4,076,081	3,598,475	3,316,183	2,789,197	2,195,553	2,206,940	2,300,151	2,215,872
Broilers and other meat-type chickens sold .....farms	7,039	6,783	5,247	3,491	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens sold .....farms	15,074,549	12,676,021	9,034,335	7,308,261	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens sold .....farms	1,582	1,124	725	659	416	336	386	495
Broilers and other meat-type chickens sold .....farms	8,868,690	5,737,416	4,041,902	4,027,972	405,014	393,028	400,262	702,431
Selected crops harvested:								
Corn for grain .....farms	11,195	13,907	13,768	13,613	18,089	16,712	18,962	25,140
Corn for grain .....acres	2,168,204	2,393,504	2,350,668	2,007,021	2,190,146	2,122,283	2,221,271	1,982,401
Corn for grain .....bushels	344,533,785	313,802,471	288,066,336	234,709,542	245,261,942	238,319,129	226,824,263	189,779,819
Corn for silage or greenchop .....farms	2,355	3,074	3,352	3,362	5,054	4,817	(NA)	(NA)
Corn for silage or greenchop .....acres	331,133	309,709	297,381	233,601	282,015	279,786	(NA)	(NA)
Corn for silage or greenchop .....tons	6,157,400	4,861,484	4,350,145	3,447,251	4,027,278	4,001,045	(NA)	(NA)
Wheat for grain, all .....farms	4,974	6,241	6,263	6,561	9,525	8,976	12,433	10,327
Wheat for grain, all .....acres	487,011	539,138	523,153	433,783	517,669	499,742	583,245	356,073
Wheat for grain, all .....bushels	38,015,624	(D)	33,583,908	28,248,938	29,350,049	28,432,159	29,350,586	16,465,394
Other spring wheat for grain (see text) .....farms	14	6	55	116	133	119	(NA)	(NA)
Other spring wheat for grain (see text) .....acres	869	258	2,552	3,590	4,948	4,574	(NA)	(NA)
Other spring wheat for grain (see text) .....bushels	21,715	(D)	102,396	168,213	226,566	211,185	(NA)	(NA)
Winter wheat for grain .....farms	4,962	6,236	6,217	6,488	(NA)	(NA)	(NA)	(NA)
Winter wheat for grain .....acres	486,142	538,880	520,601	430,193	(NA)	(NA)	(NA)	(NA)
Winter wheat for grain .....bushels	37,993,909	39,575,808	33,481,512	28,080,725	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

--continued

Table 1. Historical Highlights: 2017 and Earlier Census Years (continued)

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

All farms	2017	2012	2007	2002	1997	Not adjusted for coverage			
						1997	1992	1987	
Selected crops harvested: - Con.									
Oats for grain	farms	1,167	1,677	2,181	2,756	4,042	3,707	5,436	11,392
	acres	34,492	35,420	55,046	63,485	81,540	77,588	113,359	259,445
	bushels	2,079,160	2,001,826	2,972,519	3,994,940	4,854,346	4,624,435	6,650,151	14,634,547
Barley for grain	farms	183	321	376	400	649	619	(NA)	(NA)
	acres	5,740	9,571	12,953	11,620	19,549	18,893	(NA)	(NA)
	bushels	272,067	422,456	642,216	576,461	1,069,485	1,032,383	(NA)	(NA)
Sorghum for grain	farms	27	22	26	22	18	14	(NA)	(NA)
	acres	1,888	723	658	559	541	485	(NA)	(NA)
	bushels	225,714	46,961	41,825	21,255	22,334	18,786	(NA)	(NA)
Sorghum for silage or greenchop	farms	47	110	126	158	118	111	(NA)	(NA)
	acres	2,072	2,555	2,635	2,595	2,623	2,587	(NA)	(NA)
	tons	19,028	16,973	32,419	20,068	25,317	24,900	(NA)	(NA)
Soybeans for beans	farms	11,988	12,059	10,461	11,683	13,574	12,561	13,175	12,734
	acres	2,487,343	1,983,444	1,715,427	2,055,424	1,768,996	1,694,872	1,332,114	1,023,599
	bushels	107,048,753	83,173,727	67,515,728	78,197,248	64,787,800	62,242,411	41,633,625	36,267,622
Dry edible beans, excluding chickpeas and limas (see text)	farms	1,085	1,120	1,183	1,587	2,243	2,172	(NA)	(NA)
	acres	225,334	188,526	195,419	259,026	307,589	302,767	(NA)	(NA)
	cwt	4,487,274	3,471,642	3,207,689	4,862,193	4,992,441	4,878,076	(NA)	(NA)
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms	18,833	20,511	21,853	22,067	(NA)	(NA)	(NA)	(NA)
	acres	1,009,570	1,061,932	1,160,467	1,212,603	(NA)	(NA)	(NA)	(NA)
	tons, dry equivalent	2,674,133	2,457,625	2,966,956	3,557,828	(NA)	(NA)	(NA)	(NA)
Sunflower seed, all	farms	46	24	67	91	(NA)	(NA)	(NA)	(NA)
	acres	1,735	1,611	5,888	2,275	(NA)	(NA)	(NA)	(NA)
	pounds	3,095,470	2,545,926	7,206,293	3,381,523	(NA)	(NA)	(NA)	(NA)
Sugarbeets for sugar	farms	661	758	737	989	1,164	1,182	(NA)	(NA)
	acres	145,790	156,447	150,054	180,054	160,145	163,236	(NA)	(NA)
	tons	3,693,023	4,423,378	3,532,941	3,324,568	3,003,671	3,055,112	(NA)	(NA)
Vegetables harvested for sale ³ (see text)	farms	3,047	2,980	2,878	2,519	2,682	2,498	(NA)	(NA)
	acres	165,620	158,661	174,685	137,887	133,254	128,349	(NA)	(NA)
Potatoes	farms	761	934	600	395	351	328	(NA)	(NA)
	acres	50,511	46,662	42,267	45,839	46,105	44,931	(NA)	(NA)
Sweet potatoes	farms	70	40	22	-	(NA)	(NA)	(NA)	(NA)
	(D)	(D)	219	27	-	(NA)	(NA)	(NA)	(NA)
Land in orchards ⁴	farms	2,552	2,502	2,712	2,601	3,262	2,863	3,531	3,791
	acres	98,220	111,372	115,284	118,166	148,296	139,607	162,183	161,567

¹ Data for 2002 and prior years are based on a sample of farms.

² Data for 1997 and prior years exclude cost of lime and manure.

³ Data for 2002 and prior years exclude potatoes, sweet potatoes, and ginseng.

⁴ Data for 2012 and prior years exclude pineapples.

Table 2. Market Value of Agricultural Products Sold Including Landlord's Share, Food Marketing Practices, and Value-Added Products: 2017 and 2012

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

Item	2017	Percent of total in 2017	2012
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)			
Total sales (see text)	farms 47,641	100.0	52,194
	\$1,000 8,220,935	100.0	8,678,050
Average per farm	dollars 172,560	(X)	166,265
By value of sales:			
Less than \$1,000 (see text)	farms 13,700	28.8	15,801
	\$1,000 2,494	(Z)	2,024
\$1,000 to \$2,499	farms 4,177	8.8	4,530
	\$1,000 6,991	0.1	7,477
\$2,500 to \$4,999	farms 4,268	9.0	4,303
	\$1,000 15,370	0.2	15,534
\$5,000 to \$9,999	farms 4,545	9.5	4,609
	\$1,000 32,413	0.4	32,855
\$10,000 to \$19,999	farms 4,393	9.2	4,529
	\$1,000 62,300	0.8	64,480
\$20,000 to \$24,999	farms 1,238	2.6	1,417
	\$1,000 27,610	0.3	31,531
\$25,000 to \$39,999	farms 2,459	5.2	2,742
	\$1,000 78,038	0.9	86,674
\$40,000 to \$49,999	farms 1,060	2.2	1,244
	\$1,000 47,137	0.6	55,195
\$50,000 to \$99,999	farms 3,084	6.5	3,623
	\$1,000 219,685	2.7	258,419
\$100,000 to \$249,999	farms 3,310	6.9	3,597
	\$1,000 524,748	6.4	575,489
\$250,000 to \$499,999	farms 2,184	4.6	2,317
	\$1,000 774,377	9.4	819,615
\$500,000 to \$999,999	farms 1,601	3.4	1,690
	\$1,000 1,115,689	13.6	1,197,498
\$1,000,000 or more	farms 1,622	3.4	1,792
	\$1,000 5,314,085	64.6	5,531,262
\$1,000,000 to \$2,499,999	farms 1,112	2.3	1,241
	\$1,000 1,682,857	20.5	1,895,954
\$2,500,000 to \$4,999,999	farms 300	0.6	336
	\$1,000 1,008,796	12.3	1,136,458
\$5,000,000 or more	farms 210	0.4	215
	\$1,000 2,622,432	31.9	2,498,851
Value of sales by commodity or commodity group:			
Crops, including nursery and greenhouse crops	farms 31,228	65.5	31,697
	\$1,000 4,644,252	56.5	5,506,437
Grains, oilseeds, dry beans, and dry peas	farms 16,493	34.6	18,514
	\$1,000 2,611,695	31.8	3,613,250
Corn	farms 11,688	24.5	14,282
	\$1,000 1,290,882	15.7	2,069,927
Wheat	farms 4,967	10.4	6,223
	\$1,000 167,092	2.0	295,758
Soybeans	farms 11,961	25.1	12,039
	\$1,000 998,608	12.1	1,092,453
Sorghum	farms 48	0.1	109
	\$1,000 1,386	(Z)	686
Barley	farms 172	0.4	307
	\$1,000 736	(Z)	1,769
Rice	farms -	-	-
	\$1,000 -	-	-
Other grains, oilseeds, dry beans, and dry peas	farms 2,577	5.4	3,013
	\$1,000 152,991	1.9	152,656
Tobacco	farms -	-	-
	\$1,000 -	-	-
Cotton and cottonseed	farms -	-	-
	\$1,000 -	-	-
Vegetables, melons, potatoes, and sweet potatoes	farms 3,089	6.5	2,793
	\$1,000 535,068	6.5	462,726
Fruits, tree nuts, and berries	farms 2,876	6.0	2,304
	\$1,000 440,718	5.4	257,133
Fruits and tree nuts	farms 1,953	4.1	1,361
	\$1,000 294,371	3.6	133,091
Berries	farms 1,321	2.8	1,124
	\$1,000 146,347	1.8	124,043
Nursery, greenhouse, floriculture, and sod (see text)	farms 1,939	4.1	2,235
	\$1,000 739,749	9.0	727,847
Cultivated Christmas trees and short rotation woody crops (see text)	farms 774	1.6	826
	\$1,000 28,732	0.3	30,210
Cultivated Christmas trees (see text)	farms 774	1.6	744
	\$1,000 28,732	0.3	29,643
Short rotation woody crops	farms -	-	101
	\$1,000 -	-	567
Other crops and hay (see text)	farms 14,059	29.5	13,067
	\$1,000 288,290	3.5	415,271
Maple syrup	farms 872	1.8	631
	\$1,000 6,254	0.1	2,859
Livestock, poultry, and their products	farms 17,298	36.3	18,447
	\$1,000 3,576,684	43.5	3,171,614
Poultry and eggs	farms 5,300	11.1	4,565
	\$1,000 480,253	5.8	472,218

--continued

Table 2. Market Value of Agricultural Products Sold Including Landlord's Share, Food Marketing Practices, and Value-Added Products: 2017 and 2012 (continued)

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

Item	2017	Percent of total in 2017	2012
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.			
Total sales (see text) - Con.			
Value of sales by commodity or commodity group: - Con.			
Livestock, poultry, and their products - Con.			
Cattle and calves	farms 9,539	20.0	10,677
	\$1,000 628,397	7.6	603,653
Milk from cows	farms 1,652	3.5	1,913
	\$1,000 1,786,057	21.7	1,540,609
Hogs and pigs	farms 2,441	5.1	2,150
	\$1,000 608,555	7.4	482,177
Sheep, goats, wool, mohair, and milk	farms 2,741	5.8	2,544
	\$1,000 14,796	0.2	13,963
Horses, ponies, mules, burros, and donkeys (see text)	farms 1,558	3.3	2,796
	\$1,000 17,091	0.2	29,097
Aquaculture	farms 57	0.1	70
	\$1,000 8,834	0.1	3,982
Other animals and other animal products (see text)	farms 1,626	3.4	1,451
	\$1,000 32,700	0.4	25,914
LANDLORD'S SHARE OF TOTAL SALES (SEE TEXT)			
Value of landlord's share of total sales	farms 1,238	2.6	1,504
	\$1,000 52,365	0.6	65,469
FOOD MARKETING PRACTICES (SEE TEXT)			
Value of food sold directly to consumers (see text)	farms 5,669	11.9	6,243
	\$1,000 90,677	1.1	58,793
Average per farm	dollars 15,995	(X)	9,417
By value of sales:			
\$1 to \$499	farms 1,096	2.3	1,315
	\$1,000 234	(Z)	262
\$500 to \$999	farms 719	1.5	776
	\$1,000 487	(Z)	537
\$1,000 to \$4,999	farms 1,824	3.8	2,364
	\$1,000 4,325	0.1	5,692
\$5,000 to \$9,999	farms 730	1.5	788
	\$1,000 5,041	0.1	5,429
\$10,000 to \$24,999	farms 641	1.3	591
	\$1,000 9,935	0.1	8,871
\$25,000 to \$49,999	farms 277	0.6	210
	\$1,000 9,441	0.1	7,176
\$50,000 or more	farms 382	0.8	199
	\$1,000 61,213	0.7	30,826
Value of food sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text)			
	farms 1,029	2.2	(NA)
	\$1,000 235,827	2.9	(NA)
Average per farm	dollars 229,181	(X)	(NA)
By value of sales:			
\$1 to \$499	farms 105	0.2	(NA)
	\$1,000 24	(Z)	(NA)
\$500 to \$999	farms 80	0.2	(NA)
	\$1,000 56	(Z)	(NA)
\$1,000 to \$4,999	farms 271	0.6	(NA)
	\$1,000 737	(Z)	(NA)
\$5,000 to \$9,999	farms 104	0.2	(NA)
	\$1,000 693	(Z)	(NA)
\$10,000 to \$24,999	farms 148	0.3	(NA)
	\$1,000 2,347	(Z)	(NA)
\$25,000 to \$49,999	farms 76	0.2	(NA)
	\$1,000 2,500	(Z)	(NA)
\$50,000 or more	farms 245	0.5	(NA)
	\$1,000 229,470	2.8	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)			
Value of processed or value-added agricultural products sold (see text)	farms 1,450	3.0	(NA)
	\$1,000 47,857	0.6	(NA)
Average per farm	dollars 33,005	(X)	(NA)
By value of sales:			
\$1 to \$499	farms 365	0.8	(NA)
	\$1,000 68	(Z)	(NA)
\$500 to \$999	farms 182	0.4	(NA)
	\$1,000 116	(Z)	(NA)
\$1,000 to \$4,999	farms 440	0.9	(NA)
	\$1,000 983	(Z)	(NA)
\$5,000 to \$9,999	farms 128	0.3	(NA)
	\$1,000 899	(Z)	(NA)
\$10,000 to \$24,999	farms 143	0.3	(NA)
	\$1,000 2,161	(Z)	(NA)
\$25,000 to \$49,999	farms 61	0.1	(NA)
	\$1,000 2,022	(Z)	(NA)
\$50,000 or more	farms 131	0.3	(NA)
	\$1,000 41,608	0.5	(NA)

Table 3. Economic Class of Farms by Market Value of Agricultural Products Sold and Government Payments: 2017 and 2012

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

Item	2017			2012		
	Market value of agricultural products sold and government payments	Market value of agricultural products sold	Government payments (see text)	Market value of agricultural products sold and government payments	Market value of agricultural products sold	Government payments (see text) ¹
Total farms	47,641	47,641	15,350	52,194	52,194	20,605
\$1,000	8,388,124	8,220,935	167,189	8,833,970	8,678,050	155,919
Average per farm dollars	176,069	172,560	10,892	169,253	166,265	7,567
By economic class:						
Less than \$1,000 farms	11,116	11,116	456	11,549	11,549	980
\$1,000	2,630	2,376	254	2,317	1,853	464
\$1,000 to \$2,499 farms	5,002	5,002	1,162	6,366	6,366	2,364
\$1,000	8,372	6,624	1,748	10,570	7,190	3,380
\$2,500 to \$4,999 farms	4,972	4,972	1,137	5,513	5,513	1,859
\$1,000	17,952	14,961	2,991	19,850	14,991	4,859
\$5,000 to \$9,999 farms	5,076	5,076	1,239	5,283	5,283	1,590
\$1,000	36,269	31,435	4,834	37,586	32,030	5,556
\$10,000 to \$24,999 farms	5,872	5,872	1,778	6,209	6,209	2,029
\$1,000	93,670	86,686	6,984	100,041	93,366	6,675
\$25,000 to \$49,999 farms	3,574	3,574	1,564	4,060	4,060	1,990
\$1,000	126,583	120,411	6,172	144,625	138,512	6,113
\$50,000 to \$99,999 farms	3,156	3,156	1,796	3,661	3,661	2,305
\$1,000	225,236	215,193	10,043	262,554	252,933	9,621
\$100,000 to \$249,999 farms	3,355	3,355	2,199	3,668	3,668	2,782
\$1,000	533,528	512,371	21,157	588,224	568,513	19,710
\$250,000 to \$499,999 farms	2,195	2,195	1,575	2,336	2,336	1,864
\$1,000	779,405	752,838	26,567	827,803	807,117	20,686
\$500,000 to \$999,999 farms	1,650	1,650	1,241	1,715	1,715	1,415
\$1,000	1,146,967	1,114,499	32,469	1,216,621	1,189,091	27,530
\$1,000,000 or more farms	1,673	1,673	1,203	1,834	1,834	1,427
\$1,000	5,417,512	5,363,543	53,970	5,623,778	5,572,455	51,323
\$1,000,000 to \$2,499,999 farms	1,158	1,158	875	1,269	1,269	1,029
\$1,000	1,757,183	1,720,236	36,947	1,933,648	1,902,802	30,846
\$2,500,000 to \$4,999,999 farms	304	304	211	348	348	260
\$1,000	1,026,441	1,015,953	10,488	1,173,607	1,160,961	12,646
\$5,000,000 or more farms	211	211	117	217	217	138
\$1,000	2,633,888	2,627,353	6,535	2,516,523	2,508,692	7,831

¹ Data for 2012 include loan deficiency payments, marketing loan gains, and net value of commodity certificates.

Table 4. Farm Production Expenses: 2017 and 2012

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

Item	2017		2012	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Total farm production expenses ^{1 2}.....farms	47,641	(X)	52,194	(X)
\$1,000	(X)	7,208,181	(X)	6,942,117
Average per farm .....dollars	(X)	151,302	(X)	133,006
Farms with expenses of-				
\$1 to \$4,999	9,216	26,836	10,898	31,450
\$5,000 to \$9,999	8,972	65,158	9,802	71,370
\$10,000 to \$24,999	11,915	190,075	12,726	203,052
\$25,000 to \$49,999	5,526	193,883	6,009	211,237
\$50,000 to \$99,999	3,734	263,550	4,287	301,675
\$100,000 to \$249,999	3,632	584,247	3,797	612,511
\$250,000 to \$499,999	1,963	695,483	2,079	739,613
\$500,000 or more	2,683	5,188,949	2,596	4,771,210
\$500,000 to \$999,999	1,401	974,816	1,359	942,483
\$1,000,000 to \$2,499,999	897	1,334,208	872	1,315,708
\$2,500,000 or more	385	2,879,924	365	2,513,019
Fertilizer, lime, and soil conditioners purchased .....farms	25,277	(X)	26,149	(X)
\$1,000	(X)	592,379	(X)	785,135
percent of total	(X)	8.2	(X)	11.3
Farms with expenses of-				
\$1 to \$499	4,866	1,014	4,471	941
\$500 to \$999	2,546	1,737	2,579	1,779
\$1,000 to \$4,999	6,931	16,419	6,877	16,745
\$5,000 to \$9,999	2,775	18,836	2,915	20,442
\$10,000 to \$24,999	3,277	51,466	3,428	54,972
\$25,000 to \$49,999	2,042	70,407	2,153	75,201
\$50,000 to \$99,999	1,422	96,986	1,725	119,388
\$100,000 or more	1,418	335,513	2,001	495,667
Chemicals purchased .....farms	21,160	(X)	25,051	(X)
\$1,000	(X)	360,374	(X)	362,470
percent of total	(X)	5.0	(X)	5.2
Farms with expenses of-				
\$1 to \$499	5,979	1,078	8,025	1,527
\$500 to \$999	1,928	1,289	2,529	1,711
\$1,000 to \$4,999	5,005	12,135	6,438	15,444
\$5,000 to \$9,999	2,345	16,121	2,257	15,429
\$10,000 to \$24,999	2,704	42,293	2,741	42,671
\$25,000 to \$49,999	1,509	52,516	1,487	51,315
\$50,000 or more	1,690	234,941	1,574	234,374
\$50,000 to \$99,999	947	63,820	867	59,274
\$100,000 or more	743	171,121	707	175,100
Seeds, plants, vines, and trees purchased .....farms	20,784	(X)	24,913	(X)
\$1,000	(X)	604,053	(X)	600,433
percent of total	(X)	8.4	(X)	8.6
Farms with expenses of-				
\$1 to \$499	4,015	839	5,099	1,101
\$500 to \$999	1,743	1,155	2,468	1,721
\$1,000 to \$4,999	4,492	10,982	6,259	15,671
\$5,000 to \$9,999	2,295	16,100	2,827	19,802
\$10,000 to \$24,999	3,225	51,542	3,396	53,114
\$25,000 or more	5,014	523,435	4,864	509,023
\$25,000 to \$49,999	2,033	70,723	2,061	71,240
\$50,000 or more	2,981	452,712	2,803	437,783
Cover crop seed purchased (see text) .....farms	4,189	(X)	(NA)	(X)
\$1,000	(X)	9,812	(X)	(NA)
percent of total	(X)	0.1	(X)	(NA)
Farms with expenses of-				
\$1 to \$499	2,001	324	(NA)	(NA)
\$500 to \$999	679	443	(NA)	(NA)
\$1,000 to \$4,999	1,096	2,356	(NA)	(NA)
\$5,000 to \$9,999	208	1,330	(NA)	(NA)
\$10,000 to \$24,999	154	2,127	(NA)	(NA)
\$25,000 or more	51	3,233	(NA)	(NA)
\$25,000 to \$49,999	26	843	(NA)	(NA)
\$50,000 or more	25	2,390	(NA)	(NA)
Livestock and poultry purchased or leased .....farms	11,498	(X)	12,053	(X)
\$1,000	(X)	390,358	(X)	326,573
percent of total	(X)	5.4	(X)	4.7
Farms with expenses of-				
\$1 to \$999	4,555	1,500	4,577	1,630
\$1,000 to \$4,999	3,791	8,876	4,402	10,083
\$5,000 to \$9,999	1,036	6,985	1,094	7,492
\$10,000 to \$24,999	846	12,765	868	13,164
\$25,000 to \$49,999	386	13,698	310	10,426
\$50,000 to \$99,999	273	19,010	287	18,688
\$100,000 to \$249,999	295	46,065	267	40,808
\$250,000 or more	316	281,459	248	224,281
\$250,000 to \$499,999	172	62,160	124	44,591
\$500,000 to \$999,999	83	54,015	73	47,187
\$1,000,000 or more	61	165,284	51	132,503
Breeding livestock purchased or leased .....farms	4,570	(X)	4,980	(X)
\$1,000	(X)	87,771	(X)	79,605
percent of total	(X)	1.2	(X)	1.1
Farms with expenses of-				
\$1 to \$999	1,424	593	1,583	693
\$1,000 to \$4,999	1,963	4,455	2,255	4,958
\$5,000 to \$9,999	445	2,945	470	3,141
\$10,000 to \$24,999	338	5,075	302	4,431
\$25,000 to \$49,999	136	4,982	121	3,993
\$50,000 to \$99,999	122	7,943	130	7,817
\$100,000 to \$249,999	61	9,930	64	9,443

See footnote(s) at end of table.

--continued

Table 4. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	2017		2012	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Total farm production expenses ^{1 2} - Con.				
Livestock and poultry purchased or leased - Con.				
Breeding livestock purchased or leased - Con.				
Farms with expenses of - Con.				
\$250,000 or more	81	51,849	55	45,129
\$250,000 to \$499,999	52	17,615	32	11,844
\$500,000 to \$999,999	16	9,709	14	8,662
\$1,000,000 or more	13	24,525	9	24,623
Other livestock and poultry purchased or leased (see text)	farms	(X)	8,785	(X)
\$1,000	8,630	302,587	(X)	246,968
percent of total	(X)	4.2	(X)	3.6
Farms with expenses of-				
\$1 to \$999	4,296	1,278	4,161	1,315
\$1,000 to \$4,999	2,354	5,477	2,605	5,803
\$5,000 to \$9,999	569	3,801	676	4,646
\$10,000 to \$24,999	519	7,746	573	8,850
\$25,000 to \$49,999	262	9,089	204	6,902
\$50,000 to \$99,999	159	11,574	172	11,715
\$100,000 to \$249,999	231	35,641	195	29,859
\$250,000 or more	240	227,981	199	177,879
\$250,000 to \$499,999	126	46,371	96	33,812
\$500,000 to \$999,999	65	42,685	59	38,342
\$1,000,000 or more	49	138,925	44	105,725
Feed purchased	farms	(X)	24,389	(X)
\$1,000	22,882	1,269,333	(X)	1,240,433
percent of total	(X)	17.6	(X)	17.9
Farms with expenses of-				
\$1 to \$999	6,025	2,681	4,891	2,356
\$1,000 to \$4,999	10,128	24,086	10,443	25,471
\$5,000 to \$9,999	2,726	18,009	3,786	25,665
\$10,000 to \$24,999	1,671	24,267	2,374	34,688
\$25,000 to \$49,999	675	23,091	991	34,447
\$50,000 to \$99,999	472	33,077	651	44,893
\$100,000 or more	1,185	1,144,123	1,253	1,072,914
\$100,000 to \$249,999	482	75,220	603	92,879
\$250,000 to \$499,999	338	116,038	272	92,928
\$500,000 to \$999,999	172	119,723	185	130,984
\$1,000,000 or more	193	833,141	193	756,123
Gasoline, fuels, and oils purchased	farms	(X)	49,756	(X)
\$1,000	45,095	313,479	(X)	397,260
percent of total	(X)	4.3	(X)	5.7
Farms with expenses of-				
\$1 to \$999	22,440	8,124	22,721	8,915
\$1,000 to \$4,999	13,657	30,014	16,048	36,660
\$5,000 to \$9,999	3,383	23,012	4,048	27,168
\$10,000 to \$24,999	3,077	47,402	3,642	56,188
\$25,000 to \$49,999	1,319	45,215	1,632	56,622
\$50,000 or more	1,219	159,711	1,665	211,707
Utilities	farms	(X)	33,863	(X)
\$1,000	32,201	190,561	(X)	159,587
percent of total	(X)	2.6	(X)	2.3
Farms with expenses of-				
\$1 to \$499	7,176	1,783	9,038	2,243
\$500 to \$999	5,861	3,866	6,587	4,484
\$1,000 to \$4,999	13,346	28,787	13,056	27,884
\$5,000 to \$9,999	2,577	17,279	2,307	15,762
\$10,000 to \$24,999	1,996	29,118	1,778	26,598
\$25,000 or more	1,245	109,728	1,097	82,616
\$25,000 to \$49,999	648	21,887	621	21,434
\$50,000 or more	597	87,840	476	61,183
Repairs, supplies, and maintenance costs	farms	(X)	42,041	(X)
\$1,000	39,756	524,438	(X)	482,696
percent of total	(X)	7.3	(X)	7.0
Farms with expenses of-				
\$1 to \$999	11,711	4,821	14,442	6,001
\$1,000 to \$4,999	14,564	33,102	15,622	35,410
\$5,000 to \$9,999	4,816	32,343	3,995	26,663
\$10,000 to \$24,999	4,505	67,720	3,910	60,616
\$25,000 to \$49,999	2,120	71,861	1,973	68,385
\$50,000 or more	2,040	314,591	2,099	285,620
\$50,000 to \$99,999	1,184	81,413	1,197	81,368
\$100,000 or more	856	233,178	902	204,252
Hired farm labor	farms	(X)	13,620	(X)
\$1,000	11,907	952,388	(X)	744,744
percent of total	(X)	13.2	(X)	10.7
Farms with expenses of-				
\$1 to \$999	2,712	1,153	3,386	1,610
\$1,000 to \$4,999	2,648	6,062	3,453	7,971
\$5,000 to \$9,999	1,037	7,090	1,282	8,888
\$10,000 to \$24,999	1,427	22,961	1,709	27,786
\$25,000 to \$49,999	1,294	45,089	1,275	43,769
\$50,000 to \$99,999	1,065	73,575	1,082	73,581
\$100,000 or more	1,724	796,459	1,433	581,138
\$100,000 to \$249,999	986	153,145	856	130,476
\$250,000 to \$499,999	384	132,155	313	108,866
\$500,000 or more	354	511,158	264	341,796
Contract labor	farms	(X)	3,906	(X)
\$1,000	3,245	109,346	(X)	71,648
percent of total	(X)	1.5	(X)	1.0

See footnote(s) at end of table.

--continued

Table 4. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	2017		2012	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Total farm production expenses ^{1 2} - Con.				
Contract labor - Con.				
Farms with expenses of-				
\$1 to \$999	679	339	985	441
\$1,000 to \$4,999	1,001	2,445	1,309	3,231
\$5,000 to \$9,999	442	2,997	535	3,695
\$10,000 to \$24,999	572	8,976	595	9,273
\$25,000 to \$49,999	235	7,912	259	8,520
\$50,000 or more	316	86,675	223	46,488
\$50,000 to \$99,999	158	10,540	119	8,087
\$100,000 or more	158	76,136	104	38,401
Customwork and custom hauling	farms	(X)	10,726	(X)
\$1,000	(X)	165,370	(X)	147,478
percent of total	(X)	2.3	(X)	2.1
Farms with expenses of-				
\$1 to \$999	2,733	1,135	3,544	1,507
\$1,000 to \$4,999	3,514	8,378	3,966	9,209
\$5,000 to \$9,999	1,209	8,261	1,255	8,687
\$10,000 to \$24,999	1,109	16,995	1,017	15,550
\$25,000 to \$49,999	490	16,787	451	15,684
\$50,000 or more	512	113,814	493	96,841
\$50,000 to \$99,999	270	18,311	276	18,500
\$100,000 or more	242	95,504	217	78,342
Cash rent for land, buildings, and grazing fees	farms	(X)	13,999	(X)
\$1,000	(X)	486,995	(X)	470,091
percent of total	(X)	6.8	(X)	6.8
Farms with expenses of-				
\$1 to \$499	1,106	291	1,520	397
\$500 to \$999	1,049	714	1,208	811
\$1,000 to \$4,999	3,220	7,944	3,822	9,574
\$5,000 to \$9,999	1,603	11,264	1,857	13,155
\$10,000 to \$24,999	1,943	30,920	2,153	34,019
\$25,000 to \$49,999	1,159	40,565	1,371	47,983
\$50,000 or more	2,188	395,298	2,068	364,152
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms	(X)	3,758	(X)
\$1,000	(X)	54,493	(X)	53,824
percent of total	(X)	0.8	(X)	0.8
Farms with expenses of-				
\$1 to \$499	782	177	817	185
\$500 to \$999	529	352	452	299
\$1,000 to \$4,999	1,120	2,637	1,155	2,688
\$5,000 to \$9,999	442	2,898	450	3,017
\$10,000 to \$24,999	522	8,047	386	5,941
\$25,000 to \$49,999	233	7,745	259	8,860
\$50,000 or more	272	32,637	239	32,834
Interest expense	farms	(X)	20,346	(X)
\$1,000	(X)	297,871	(X)	293,485
percent of total	(X)	4.1	(X)	4.2
Farms with expenses of-				
\$1 to \$999	2,254	1,107	2,719	1,382
\$1,000 to \$4,999	5,723	15,411	7,115	19,313
\$5,000 to \$9,999	3,225	22,564	4,359	30,940
\$10,000 to \$24,999	3,041	47,057	3,819	57,821
\$25,000 to \$49,999	1,221	42,252	1,282	44,347
\$50,000 to \$99,999	674	46,134	631	42,941
\$100,000 or more	522	123,347	421	96,739
Secured by real estate	farms	(X)	16,443	(X)
\$1,000	(X)	212,045	(X)	208,958
percent of total	(X)	2.9	(X)	3.0
Farms with expenses of-				
\$1 to \$999	1,661	809	1,698	891
\$1,000 to \$4,999	4,864	13,177	6,101	16,788
\$5,000 to \$9,999	2,785	19,216	3,924	27,192
\$10,000 to \$24,999	2,442	37,115	3,084	45,539
\$25,000 to \$49,999	890	30,670	929	31,669
\$50,000 to \$99,999	515	34,483	436	29,400
\$100,000 or more	348	76,573	271	57,479
Not secured by real estate	farms	(X)	11,124	(X)
\$1,000	(X)	85,827	(X)	84,527
percent of total	(X)	1.2	(X)	1.2
Farms with expenses of-				
\$1 to \$999	2,908	1,337	3,455	1,662
\$1,000 to \$4,999	3,921	9,048	4,539	10,663
\$5,000 to \$9,999	1,172	7,895	1,424	9,704
\$10,000 to \$24,999	995	15,255	1,053	16,299
\$25,000 to \$49,999	382	12,986	386	13,161
\$50,000 to \$99,999	157	10,014	162	11,079
\$100,000 or more	116	29,291	105	21,958
Property taxes paid	farms	(X)	50,155	(X)
\$1,000	(X)	250,626	(X)	217,503
percent of total	(X)	3.5	(X)	3.1
Farms with expenses of-				
\$1 to \$499	2,697	716	2,916	818
\$500 to \$999	3,639	2,723	4,751	3,592
\$1,000 to \$4,999	26,907	68,756	32,386	79,511
\$5,000 to \$9,999	7,118	48,271	6,257	42,233
\$10,000 to \$24,999	3,944	58,603	2,885	42,273
\$25,000 or more	1,392	71,556	960	49,077

See footnote(s) at end of table.

--continued

Table 4. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	2017		2012	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Total farm production expenses ^{1 2} - Con.				
Medical supplies, veterinary, and custom services for livestock (see text)	farms	(X)	(NA)	(X)
	\$1,000	101,203	(X)	(NA)
percent of total	(X)	1.4	(X)	(NA)
Farms with expenses of-				
\$1 to \$999	10,009	3,533	(NA)	(NA)
\$1,000 to \$4,999	4,245	8,524	(NA)	(NA)
\$5,000 to \$9,999	697	4,552	(NA)	(NA)
\$10,000 to \$24,999	537	7,990	(NA)	(NA)
\$25,000 to \$49,999	282	9,622	(NA)	(NA)
\$50,000 to \$99,999	162	10,885	(NA)	(NA)
\$100,000 or more	182	56,098	(NA)	(NA)
\$100,000 to \$249,999	115	17,157	(NA)	(NA)
\$250,000 or more	67	38,941	(NA)	(NA)
All other production expenses ¹ (see text)	farms	(X)	27,265	(X)
	\$1,000	544,913	(X)	588,760
percent of total	(X)	7.6	(X)	8.5
Farms with expenses of-				
\$1 to \$999	4,077	1,910	8,463	3,662
\$1,000 to \$4,999	8,212	19,411	10,125	22,908
\$5,000 to \$9,999	2,417	16,568	2,789	19,095
\$10,000 to \$24,999	2,748	42,034	2,850	43,155
\$25,000 to \$49,999	1,258	42,561	1,436	50,065
\$50,000 to \$99,999	784	52,861	839	57,823
\$100,000 or more	765	369,568	763	392,052
\$100,000 to \$249,999	510	74,534	498	75,515
\$250,000 or more	255	295,035	265	316,536
Production expenses paid by landlords ²	farms	(X)	610	(X)
	\$1,000	11,510	(X)	10,653
percent of total	(X)	0.2	(X)	0.2
Farms with expenses of-				
\$1 to \$499	91	21	71	19
\$500 to \$999	50	33	39	27
\$1,000 to \$4,999	181	439	182	466
\$5,000 to \$9,999	103	730	96	689
\$10,000 to \$24,999	101	1,569	126	2,029
\$25,000 or more	122	8,719	96	7,423
\$25,000 to \$49,999	68	2,461	59	2,020
\$50,000 to \$99,999	27	1,741	20	1,509
\$100,000 or more	27	4,516	17	3,894
Depreciation expenses claimed	farms	(X)	25,205	(X)
	\$1,000	743,296	(X)	697,008
percent of total	(X)	10.3	(X)	10.0
Farms with expenses of-				
\$1 to \$499	1,242	300	1,276	316
\$500 to \$999	1,201	838	1,678	1,122
\$1,000 to \$4,999	5,924	15,606	8,052	20,336
\$5,000 to \$9,999	3,347	22,987	4,232	29,048
\$10,000 to \$24,999	3,848	60,573	4,383	67,454
\$25,000 or more	5,371	642,992	5,584	578,732
\$25,000 to \$49,999	2,265	78,337	2,435	83,080
\$50,000 to \$99,999	1,427	97,703	1,631	110,644
\$100,000 or more	1,679	466,952	1,518	385,008

¹ Data for 2012 include expenses for medical supplies, veterinary, and custom services for animals.

² Landlord production expenses are included within total farm production expenses.

Table 5. Net Cash Farm Income of the Operations and Producers: 2017 and 2012

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

Item	2017		2012	
	Farms	Income (\$1,000)	Farms	Income (\$1,000)
Net cash farm income of the operations	47,641	1,496,660	52,194	2,230,681
Average per farm .....dollars	(X)	31,415	(X)	42,738
Farms with net gains ¹	21,009	2,006,693	24,112	2,741,648
Average per farm .....dollars	(X)	95,516	(X)	113,705
Farms with gains of-				
less than \$1,000	1,520	710	1,852	888
\$1,000 to \$4,999	3,955	10,943	4,406	12,208
\$5,000 to \$9,999	2,764	20,358	2,888	21,143
\$10,000 to \$24,999	3,887	63,903	4,038	66,097
\$25,000 to \$49,999	2,581	93,058	3,037	108,240
\$50,000 or more	6,302	1,817,720	7,891	2,533,073
Farms with net losses	26,632	510,032	28,082	510,967
Average per farm .....dollars	(X)	19,151	(X)	18,196
Farms with losses of-				
less than \$1,000	1,964	1,005	2,263	1,153
\$1,000 to \$4,999	8,098	23,803	9,018	26,280
\$5,000 to \$9,999	6,171	44,466	6,513	46,963
\$10,000 to \$24,999	6,605	102,772	6,493	100,586
\$25,000 to \$49,999	2,046	70,202	2,094	71,782
\$50,000 or more	1,748	267,785	1,701	264,204
Net cash farm income of producers (see text)	47,641	1,389,905	52,194	2,108,164
Average per farm .....dollars	(X)	29,175	(X)	40,391
Producers reporting net gains ¹	20,859	1,915,682	24,006	2,628,031
Average per farm .....dollars	(X)	91,840	(X)	109,474
Farms with gains of-				
less than \$1,000	1,519	709	1,848	883
\$1,000 to \$4,999	3,929	10,869	4,407	12,212
\$5,000 to \$9,999	2,774	20,407	2,896	21,214
\$10,000 to \$24,999	3,902	64,240	4,037	66,170
\$25,000 to \$49,999	2,572	92,356	3,084	109,938
\$50,000 or more	6,163	1,727,100	7,734	2,417,613
Producers reporting net losses	26,782	525,777	28,188	519,867
Average per farm .....dollars	(X)	19,632	(X)	18,443
Farms with losses of-				
less than \$1,000	1,976	1,012	2,264	1,155
\$1,000 to \$4,999	8,122	23,850	9,027	26,293
\$5,000 to \$9,999	6,215	44,814	6,524	47,059
\$10,000 to \$24,999	6,601	102,678	6,523	101,126
\$25,000 to \$49,999	2,059	70,784	2,120	72,617
\$50,000 or more	1,809	282,638	1,730	271,618

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

Table 6. Federal Government Payments and Commodity Credit Corporation Loans: 2017 and 2012

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

Item	2017		2012		Item	2017		2012	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)		Farms	Value (\$1,000)	Farms	Value (\$1,000)
Government payments ¹ (see text)	15,350	167,189	20,605	155,919	Government payments ¹ (see text) - Con.				
Average per farm .....dollars	(X)	10,892	(X)	7,567	Amount from other Federal farm programs - Con.				
Farms with receipts of-					Farms with receipts of-				
\$1 to \$999	2,438	1,233	4,961	2,373	\$1 to \$999	2,648	1,339	5,525	2,546
\$1,000 to \$4,999	5,937	14,988	8,849	21,225	\$1,000 to \$4,999	4,994	12,227	6,487	15,465
\$5,000 to \$9,999	2,581	18,560	2,872	20,228	\$5,000 to \$9,999	2,088	15,097	2,158	15,366
\$10,000 to \$24,999	2,594	40,529	2,305	35,787	\$10,000 to \$24,999	2,304	36,233	2,066	32,205
\$25,000 to \$49,999	1,154	40,472	1,115	39,718	\$25,000 or more	1,697	86,417	1,540	72,313
\$50,000 or more	646	51,407	503	36,589	Commodity Credit Corporation Loans				
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs	4,478	15,875	6,545	18,024	(see text)	451	52,640	366	47,247
Average per farm .....dollars	(X)	3,545	(X)	2,754	Average per farm .....dollars	(X)	116,719	(X)	129,090
Farms with receipts of-					Farms with receipts of-				
\$1 to \$999	1,207	596	1,821	920	\$1 to \$999	24	14	19	10
\$1,000 to \$4,999	2,383	5,696	3,898	8,778	\$1,000 to \$4,999	43	91	41	107
\$5,000 to \$9,999	615	4,170	581	3,964	\$5,000 to \$9,999	18	133	14	91
\$10,000 to \$24,999	225	3,191	214	3,153	\$10,000 to \$19,999	52	761	28	383
\$25,000 or more	48	2,222	31	1,209	\$20,000 to \$24,999	13	288	13	289
Amount from other Federal farm programs ...	13,731	151,314	17,776	137,896	\$25,000 to \$49,999	68	2,479	54	2,138
Average per farm .....dollars	(X)	11,020	(X)	7,757	\$50,000 or more	233	48,875	197	44,230
					Amount spent to repay CCC loans	424	44,924	285	28,407

¹ Data for 2012 include loan deficiency payments, marketing loan gains, and net value of commodity certificates.

Table 7. Income from Farm-Related Sources: 2017 and 2012

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

Item	2017		2012		Item	2017		2012	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)		Farms	Value (\$1,000)	Farms	Value (\$1,000)
Total income from farm-related sources	19,796	316,717	20,264	338,828	Total income from farm-related sources - Con.				
Average per farm dollars	(X)	15,999	(X)	16,721	Agri-tourism and recreational services - Con.				
Farms with receipts of-					Farms with receipts of- - Con.				
\$1 to \$999	4,683	1,981	5,091	2,084	\$10,000 to \$24,999	63	888	74	1,156
\$1,000 to \$4,999	6,883	16,864	7,165	17,865	\$25,000 or more	165	19,017	134	16,637
\$5,000 to \$9,999	2,720	18,776	2,809	19,567	Patronage dividends and refunds from cooperatives	7,139	29,647	5,863	28,112
\$10,000 to \$24,999	2,737	42,732	2,585	40,139	Average per farm dollars	(X)	4,153	(X)	4,795
\$25,000 to \$49,999	1,398	48,751	1,147	39,670	Farms with receipts of-				
\$50,000 or more	1,375	187,611	1,467	219,503	\$1 to \$999	3,536	1,296	3,094	1,020
Customwork and other agricultural services	2,730	55,394	2,947	48,281	\$1,000 to \$4,999	2,469	5,466	1,828	4,199
Average per farm dollars	(X)	20,291	(X)	16,383	\$5,000 to \$9,999	541	3,593	453	3,045
Farms with receipts of-					\$10,000 to \$24,999	389	5,754	279	4,389
\$1 to \$999	475	222	701	322	\$25,000 or more	204	13,537	209	15,459
\$1,000 to \$4,999	931	2,207	1,020	2,347	Crop and livestock insurance payments	2,201	44,560	2,076	86,591
\$5,000 to \$9,999	342	2,282	427	2,989	Average per farm dollars	(X)	20,245	(X)	41,711
\$10,000 to \$24,999	441	6,763	405	6,097	Farms with receipts of-				
\$25,000 to \$49,999	253	8,852	164	5,657	\$1 to \$999	285	137	199	102
\$50,000 or more	288	35,067	230	30,870	\$1,000 to \$4,999	697	1,817	451	1,275
Gross cash rent or share payments	8,104	86,474	8,662	81,864	\$5,000 to \$9,999	357	2,483	328	2,349
Average per farm dollars	(X)	10,671	(X)	9,451	\$10,000 to \$24,999	442	6,932	390	6,335
Farms with receipts of-					\$25,000 or more	420	33,191	708	76,530
\$1 to \$999	1,315	705	1,743	919	Amount from State and local government agricultural program payments	464	3,209	550	2,682
\$1,000 to \$4,999	3,669	9,253	3,909	9,723	Average per farm dollars	(X)	6,916	(X)	4,877
\$5,000 to \$9,999	1,383	9,581	1,400	9,747	Farms with receipts of-				
\$10,000 to \$24,999	1,002	15,622	1,029	15,702	\$1 to \$999	112	42	204	92
\$25,000 or more	735	51,314	581	45,774	\$1,000 to \$4,999	186	459	205	465
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products	1,836	16,373	1,819	13,886	\$5,000 to \$9,999	78	548	69	467
Average per farm dollars	(X)	8,918	(X)	7,634	\$10,000 to \$24,999	64	1,012	45	638
Farms with receipts of-					\$25,000 or more	24	1,149	27	1,020
\$1 to \$999	590	228	526	201	Other farm-related income sources (see text)	3,055	60,070	3,259	58,353
\$1,000 to \$4,999	572	1,416	619	1,510	Average per farm dollars	(X)	19,663	(X)	17,905
\$5,000 to \$9,999	252	1,701	282	1,973	Farms with receipts of-				
\$10,000 to \$24,999	270	4,257	293	4,350	\$1 to \$999	951	292	1,126	329
\$25,000 or more	152	8,771	99	5,852	\$1,000 to \$4,999	799	1,891	960	2,373
Agri-tourism and recreational services	754	20,989	802	18,995	\$5,000 to \$9,999	354	2,431	324	2,242
Average per farm dollars	(X)	27,837	(X)	23,684	\$10,000 to \$24,999	473	7,314	378	6,120
Farms with receipts of-					\$25,000 or more	478	48,142	471	47,289
\$1 to \$999	223	94	231	86					
\$1,000 to \$4,999	218	435	301	691					
\$5,000 to \$9,999	85	556	62	426					

Table 8. Land: 2017 and 2012

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

All farms	2017		2012	All farms	2017		2012
	Total	Percent of total in 2017			Total	Percent of total in 2017	
LAND USE				LAND USE - Con.			
Farms number	47,641	100.0	52,194	Total cropland - Con.			
Land in farms acres	9,764,090	100.0	9,948,564	Other cropland - Con.			
Total cropland farms	40,597	85.2	44,668	Cropland on which all crops failed or were abandoned	farms	2,757	5.8
Harvested cropland	acres	7,924,480	81.2	7,669,071	acres	86,579	0.9
acres	35,147	73.8	37,479	Cropland in summer fallow (see text)	farms	3,207	6.7
acres	7,214,667	73.9	7,057,978	acres	84,223	0.9	24,457
Farms by acres harvested:				Total woodland	farms	24,339	51.1
1 to 49 acres	19,624	41.2	20,659	acres	975,652	10.0	1,175,893
1 to 9 acres	8,041	16.9	7,192	Woodland pastured	farms	3,772	7.9
10 to 19 acres	4,847	10.2	5,299	acres	85,275	0.9	110,067
20 to 29 acres	3,088	6.5	3,635	Woodland not pastured	farms	22,448	47.1
30 to 49 acres	3,648	7.7	4,533	acres	890,377	9.1	1,065,826
50 to 99 acres	4,425	9.3	5,259	Permanent pasture and rangeland, other than cropland and woodland pastured	farms	17,476	36.7
100 to 199 acres	3,607	7.6	4,039	acres	341,391	3.5	19,455
200 to 499 acres	3,662	7.7	3,847	Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc	farms	32,103	67.4
500 to 999 acres	2,056	4.3	2,065	acres	522,567	5.4	38,279
1,000 to 1,999 acres	1,228	2.6	1,143	CONSERVATION AND CROP INSURANCE			
2,000 acres or more	545	1.1	467	Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs	farms	4,478	(X)
Other pasture and grazing land that could have been used for crops without additional improvement	farms	3,406	7.1	acres	129,038	(X)	6,545
acres	97,239	1.0	90,469	Land enrolled in crop insurance programs	farms	8,834	(X)
Other cropland	farms	15,111	31.7	acres	4,549,417	(X)	8,276
acres	612,574	6.3	520,624				4,098,004
Cropland idle or used for cover crops or soil-improvement, but not harvested and not pastured or grazed	farms	11,091	23.3				
acres	441,772	4.5	409,597				

Table 9. Land in Farms, Harvested Cropland, and Irrigated Land by Size of Farm: 2017 and 2012

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

All farms	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	2017	2012	2017	2012	2017	2012	2017	2012
Land in farms	47,641	52,194	9,764,090	9,948,564	7,214,667	7,057,978	670,212	592,243
Farms by size:								
1 to 9 acres	5,154	4,162	23,780	20,018	7,292	5,895	1,783	1,575
10 to 49 acres	16,920	18,764	439,602	497,573	144,965	164,252	8,182	7,954
50 to 69 acres	3,697	4,639	215,779	270,763	85,913	102,440	4,364	4,286
70 to 99 acres	4,931	6,049	401,015	491,910	154,142	187,762	7,257	5,954
100 to 139 acres	3,681	4,225	427,531	492,076	200,868	226,941	7,316	5,853
140 to 179 acres	2,230	2,721	350,242	427,361	177,560	213,080	6,978	9,713
180 to 219 acres	1,526	1,934	301,459	381,740	171,552	210,291	5,363	7,784
220 to 259 acres	1,191	1,340	283,954	318,170	174,475	183,992	6,782	7,642
260 to 499 acres	3,591	3,766	1,289,424	1,319,691	886,036	903,834	51,103	39,982
500 to 999 acres	2,560	2,574	1,787,990	1,778,392	1,454,664	1,440,246	88,859	89,469
1,000 to 1,999 acres	1,504	1,417	2,029,547	1,906,091	1,759,643	1,633,936	145,613	125,071
2,000 to 4,999 acres	571	528	1,586,189	1,475,563	1,430,496	1,300,628	190,050	166,316
5,000 acres or more	85	75	627,578	569,216	567,061	484,681	146,562	120,644
Farms with harvested cropland	35,147	37,479	9,114,768	9,093,165	7,214,667	7,057,978	669,137	591,329
Farms by size:								
1 to 9 acres	2,620	1,922	12,540	9,382	7,292	5,895	1,743	1,527
10 to 49 acres	10,666	11,389	288,693	312,797	144,965	164,252	7,621	7,550
50 to 69 acres	2,793	3,323	162,868	194,137	85,913	102,440	4,242	4,220
70 to 99 acres	3,686	4,346	300,682	353,983	154,142	187,762	7,097	5,809
100 to 139 acres	3,037	3,382	352,742	394,489	200,868	226,941	7,180	5,773
140 to 179 acres	1,878	2,239	294,812	351,754	177,560	213,080	6,922	9,646
180 to 219 acres	1,371	1,663	271,077	328,427	171,552	210,291	5,363	7,724
220 to 259 acres	1,073	1,188	255,988	282,214	174,475	183,992	6,782	7,638
260 to 499 acres	3,393	3,530	1,221,862	1,238,865	886,036	903,834	51,103	39,982
500 to 999 acres	2,489	2,503	1,744,059	1,732,174	1,454,664	1,440,246	88,859	89,469
1,000 to 1,999 acres	1,490	1,397	2,010,965	1,879,902	1,759,643	1,633,936	145,613	125,031
2,000 to 4,999 acres	567	525	1,575,915	1,467,759	1,430,496	1,300,628	190,050	166,316
5,000 acres or more	84	72	622,565	547,282	567,061	484,681	146,562	120,644
Farms with irrigated land	5,153	5,025	2,066,138	1,871,594	1,750,850	1,545,855	670,212	592,243
Farms by size:								
1 to 9 acres	1,063	848	4,089	3,452	2,067	1,870	1,783	1,575
10 to 49 acres	1,495	1,532	34,882	36,645	12,003	13,325	8,182	7,954
50 to 69 acres	280	318	16,253	18,367	7,268	8,041	4,364	4,286
70 to 99 acres	319	343	25,883	27,911	11,434	12,684	7,257	5,954
100 to 139 acres	273	247	31,545	28,921	15,082	15,061	7,316	5,853
140 to 179 acres	157	216	24,698	34,195	14,230	20,593	6,978	9,713
180 to 219 acres	114	146	22,363	28,919	12,404	17,754	5,363	7,784
220 to 259 acres	92	114	22,052	27,002	15,400	16,444	6,782	7,642
260 to 499 acres	374	377	136,537	136,194	106,132	99,554	51,103	39,982
500 to 999 acres	391	369	282,204	263,191	233,498	217,609	88,859	89,469
1,000 to 1,999 acres	337	294	469,699	409,174	405,961	352,037	145,613	125,071
2,000 to 4,999 acres	208	179	609,189	522,930	554,331	470,248	190,050	166,316
5,000 acres or more	50	42	386,744	334,693	361,040	300,635	146,562	120,644

Table 10. Irrigation: 2017 and 2012

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

Farms with irrigation	2017	2012	Farms with irrigation	2017	2012
Farms	5,153	5,025	Irrigated land - Con.		
Proportion of farms	10.8	9.6	Acres irrigated: - Con.		
Irrigated land	670,212	592,243	1,000 to 1,999 acres	farms 75	62
Average per farm	130	118	acres 102,805		86,092
Acres irrigated:			2,000 acres or more	farms 60	52
1 to 9 acres	farms 2,855	farms 2,785	acres 212,546		180,845
10 to 49 acres	farms 6,638	farms 6,958	Irrigated land use:		
50 to 99 acres	farms 857	farms 889	Harvested cropland	farms 4,914	4,865
100 to 139 acres	farms 20,110	farms 20,304	acres 666,976		589,020
140 to 179 acres	farms 371	farms 355	Pastureland and other land	farms 316	238
180 to 219 acres	farms 25,807	farms 24,361	acres 3,236		3,223
220 to 259 acres	farms 341	farms 381	Land in irrigated farms	acres 2,066,138	1,871,594
260 to 499 acres	farms 47,395	farms 52,117	Cropland	acres 1,840,733	1,603,424
500 to 999 acres	farms 398	farms 328	Harvested cropland	acres 1,750,850	1,545,855
1,000 to 1,999 acres	farms 121,805	farms 100,396	Land irrigated at least once in the past five		
2,000 to 4,999 acres	farms 196	farms 173	years (see text)	farms 6,505	(NA)
5,000 acres or more	farms 133,106	farms 121,170	acres 788,787		(NA)

Table 11. Selected Characteristics of Irrigated and Nonirrigated Farms: 2017 and 2012

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

Characteristics	All farms		Irrigated farms				Nonirrigated farms	
	2017	2012	Any land irrigated		All harvested cropland irrigated		2017	2012
			2017	2012	2017	2012		
Farms number	47,641	52,194	5,153	5,025	2,082	1,904	42,488	47,169
Land in farms acres	9,764,090	9,948,564	2,066,138	1,871,594	151,605	133,154	7,697,952	8,076,970
Estimated market value of land and buildings:								
Average per farm .....dollars	1,015,631	766,148	2,174,027	1,673,223	608,290	488,556	875,140	669,516
Average per acre .....dollars	4,955	4,020	5,422	4,492	8,354	6,986	4,830	3,910
Irrigated land acres	670,212	592,243	670,212	592,243	93,200	78,627	(X)	(X)
Land in farms according to use:								
Total cropland farms	40,597	44,668	5,068	4,940	2,082	1,904	35,529	39,728
..... acres	7,924,480	7,669,071	1,840,733	1,603,424	109,908	87,841	6,083,747	6,065,647
Harvested cropland farms	35,147	37,479	5,005	4,922	2,082	1,904	30,142	32,557
..... acres	7,214,667	7,057,978	1,750,850	1,545,855	92,852	78,231	5,463,817	5,512,123
Pastureland, excluding woodland pastured farms	19,245	21,516	1,197	1,049	304	255	18,048	20,467
..... acres	438,630	509,919	31,634	31,085	4,981	2,880	406,996	478,834
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs farms	4,478	6,545	212	219	23	26	4,266	6,326
..... acres	129,038	210,675	7,631	6,939	749	789	121,407	203,736
Owned and rented land in farms:								
Owned land in farms farms	45,591	50,095	4,805	4,705	1,909	1,742	40,786	45,390
..... acres	5,758,976	5,953,033	1,061,612	979,625	114,481	98,358	4,697,364	4,973,408
Rented or leased land in farms farms	15,433	16,960	2,009	2,024	409	353	13,424	14,936
..... acres	4,005,114	3,995,531	1,004,526	891,969	37,124	34,796	3,000,588	3,103,562
Market value of agricultural products sold (see text) \$1,000	8,220,935	8,678,050	3,172,734	3,021,739	729,483	592,370	5,048,201	5,656,312
Average per farm .....dollars	151,302	166,265	615,706	601,341	350,376	311,119	118,815	119,916
Crops, including nursery and greenhouse crops farms	31,228	31,697	4,832	4,655	1,984	1,759	26,396	27,042
..... \$1,000	4,644,252	5,506,437	2,212,499	2,277,057	700,355	575,998	2,431,752	3,229,380
Livestock, poultry, and their products farms	17,298	18,447	1,551	1,227	396	251	15,747	17,220
..... \$1,000	3,576,684	3,171,614	960,235	744,682	29,128	16,372	2,616,449	2,426,932
Total farm production expenses \$1,000	7,208,181	6,942,117	2,711,365	2,382,526	601,568	462,582	4,496,816	4,559,591
Average per farm .....dollars	151,302	133,006	526,172	474,135	288,937	242,953	105,837	96,665
Fertilizer, lime, and soil conditioners purchased farms	25,277	26,149	4,305	4,249	1,596	1,472	20,972	21,900
..... \$1,000	592,379	785,135	214,545	232,105	34,756	27,553	377,833	553,030
Chemicals purchased farms	21,160	25,051	4,235	4,235	1,306	1,444	17,489	20,816
..... \$1,000	360,374	362,470	145,967	142,596	23,289	20,445	214,407	219,874
Seeds, plants, vines, and trees purchased farms	20,784	24,913	3,851	3,982	1,358	1,350	16,933	20,931
..... \$1,000	604,053	600,433	253,653	243,149	74,067	68,444	350,400	357,284
Cover crop seed purchased (see text) farms	4,189	(NA)	1,073	(NA)	285	(NA)	3,116	(NA)
..... \$1,000	9,812	(NA)	3,524	(NA)	514	(NA)	6,288	(NA)
Livestock and poultry purchased or leased farms	11,498	12,053	1,069	879	299	176	10,429	11,174
..... \$1,000	390,358	326,573	93,606	66,012	2,459	1,567	296,752	260,561
Feed purchased farms	22,882	24,389	1,609	1,336	416	284	21,273	23,053
..... \$1,000	1,269,333	1,240,433	347,981	302,073	13,327	11,963	921,353	938,360
Gasoline, fuels, and oils purchased farms	45,095	49,756	4,997	4,880	1,958	1,789	40,098	44,876
..... \$1,000	313,479	397,260	109,174	128,208	26,455	24,269	204,305	269,052
Utilities farms	32,201	33,863	4,343	4,168	1,651	1,455	27,858	29,695
..... \$1,000	190,561	159,587	79,137	62,423	25,051	16,301	111,424	97,164
Repairs, supplies, and maintenance costs farms	39,756	42,041	4,795	4,465	1,855	1,581	34,961	37,576
..... \$1,000	524,438	482,696	183,994	155,304	43,696	31,452	340,444	327,391
Hired farm labor farms	11,907	13,620	2,787	2,788	974	920	9,120	10,832
..... \$1,000	952,388	744,744	543,148	417,195	193,243	143,379	409,240	327,548
Contract labor farms	3,245	3,906	934	793	330	253	2,311	3,113
..... \$1,000	109,346	71,648	66,260	39,647	23,127	12,878	43,086	32,001
Customwork and custom hauling farms	9,567	10,726	1,266	1,234	270	206	8,301	9,492
..... \$1,000	165,370	147,478	63,155	57,054	7,880	5,790	102,215	90,424
Cash rent for land, buildings, and grazing fees farms	12,268	13,999	1,737	1,783	288	262	10,531	12,216
..... \$1,000	486,995	470,091	172,391	160,607	13,591	12,226	314,605	309,485
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms	3,900	3,758	791	784	227	191	3,109	2,974
..... \$1,000	54,493	53,824	21,331	22,076	4,248	3,761	33,162	31,748
Interest expense farms	16,660	20,346	2,375	2,466	682	677	14,285	17,880
..... \$1,000	297,871	293,485	92,571	83,143	13,609	10,722	205,301	210,342
Property taxes paid farms	45,697	50,155	4,821	4,703	1,904	1,734	40,876	45,452
..... \$1,000	250,626	217,503	48,904	41,061	10,390	7,401	201,722	176,442
Medical supplies, veterinary, and custom services for livestock (see text) farms	16,114	(NA)	1,110	(NA)	190	(NA)	15,004	(NA)
..... \$1,000	101,203	(NA)	28,817	(NA)	1,024	(NA)	72,386	(NA)
All other production expenses ¹ (see text) farms	20,261	27,265	3,287	3,335	1,090	1,051	16,974	23,930
..... \$1,000	544,913	588,760	246,733	229,873	91,357	64,432	298,180	358,887
Commodity Credit Corporation loans (see text) farms	451	366	108	72	-	2	343	294
..... \$1,000	52,640	47,247	22,409	17,778	-	(D)	30,232	29,469
Government payments ² (see text) farms	15,350	20,605	1,490	1,647	206	221	13,860	18,958
..... \$1,000	167,189	155,919	34,898	28,588	1,810	1,789	132,291	127,331
Total income from farm-related sources farms	19,796	20,264	2,428	2,229	746	648	17,368	18,035
..... \$1,000	316,717	338,828	77,178	93,270	10,710	16,334	239,539	245,558
Estimated market value of all machinery and equipment farms	47,637	52,192	5,153	5,025	2,082	1,904	42,484	47,167
..... \$1,000	7,371,356	6,395,233	1,843,129	1,410,883	276,919	211,450	5,528,226	4,984,350
Average per farm .....dollars	154,740	122,533	357,681	280,773	133,006	111,055	130,125	105,675
Livestock inventory:								
Cattle and calves farms	12,221	13,626	762	664	91	44	11,459	12,962
..... number	1,201,383	1,130,477	259,266	208,040	5,467	618	942,117	922,437
Milk cows farms	2,158	2,409	242	246	20	6	1,916	2,163
..... number	442,032	376,255	117,839	91,571	(D)	18	324,193	284,684
Hogs and pigs farms	2,017	2,198	255	196	60	35	1,762	2,002
..... number	1,236,567	1,099,478	506,971	428,780	590	(D)	729,596	670,698

See footnote(s) at end of table.

--continued

Table 11. Selected Characteristics of Irrigated and Nonirrigated Farms: 2017 and 2012 (continued)

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

Characteristics	All farms		Irrigated farms				Nonirrigated farms	
			Any land irrigated		All harvested cropland irrigated			
	2017	2012	2017	2012	2017	2012	2017	2012
Livestock inventory: - Con.								
Sheep and lambs farms number	2,483 89,270	2,312 86,503	173 7,876	136 10,726	40 564	21 202	2,310 81,394	2,176 75,777

¹ Data for 2012 include expenses for medical supplies, veterinary, and custom services for animals.

² Data for 2012 include loan deficiency payments, marketing loan gains, and net value of commodity certificates.

Table 12. Cattle and Calves - Inventory: 2017 and 2012

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

Item	2017		2012		Item	2017		2012	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Cattle and calves	12,221	1,201,383	13,626	1,130,477	Cattle and calves - Con.				
Farms with -					Cows and heifers that calved - Con.				
1 to 9	4,620	20,606	5,268	23,482	Milk cows	2,158	442,032	2,409	376,255
10 to 19	2,174	29,279	2,593	35,138	Farms with -				
20 to 49	2,376	73,212	2,616	78,927	1 to 9	582	1,520	609	1,573
50 to 99	1,132	76,620	1,193	80,493	10 to 19	124	1,662	159	2,131
100 to 199	765	104,095	837	115,278	20 to 49	338	10,986	448	14,786
200 to 499	681	213,335	703	213,107	50 to 99	353	23,871	431	29,556
500 to 999	285	196,426	247	166,085	100 to 199	303	42,077	363	49,380
1,000 to 2,499	120	182,763	119	184,811	200 to 499	270	81,805	250	73,169
2,500 to 4,999	52	180,446	37	134,851	500 to 999	102	69,218	80	53,676
5,000 or more	16	124,601	13	98,305	1,000 to 2,499	51	79,253	49	75,246
2,500 or more					2,500 or more	35	131,640	20	76,738
Cows and heifers that calved	9,243	545,554	10,113	484,381	Other cattle (see text)	9,557	655,829	11,023	646,096
Farms with -					Farms with -				
1 to 9	4,656	18,972	5,155	21,213	1 to 9	4,273	18,242	5,208	22,082
10 to 19	1,645	21,766	1,892	25,431	10 to 19	1,628	21,557	1,970	26,102
20 to 49	1,474	43,147	1,558	46,830	20 to 49	1,569	47,170	1,692	50,943
50 to 99	615	41,121	631	42,788	50 to 99	763	51,408	825	55,004
100 to 199	374	51,670	450	60,176	100 to 199	564	76,206	629	84,058
200 to 499	288	87,137	276	80,165	200 to 499	496	147,477	481	141,408
500 to 999	105	70,848	82	55,274	500 to 999	183	121,436	142	97,125
1,000 to 2,499	51	79,253	49	75,246	1,000 to 2,499	64	100,781	59	92,084
2,500 or more	35	131,640	20	77,258	2,500 or more	17	71,552	17	77,290
Beef cows	7,445	103,522	8,016	108,126	Cattle on feed (see text)	1,146	158,925	1,017	148,608
Farms with -					Farms with -				
1 to 9	4,341	17,933	4,791	20,078	1 to 9	225	3,198	253	3,549
10 to 19	1,557	20,529	1,762	23,601	10 to 19	353	10,638	317	9,565
20 to 49	1,198	33,981	1,138	32,878	20 to 49	211	13,464	175	11,738
50 to 99	263	16,925	216	14,138	50 to 99	165	21,662	120	15,582
100 to 199	68	8,448	86	(D)	100 to 199	131	40,066	100	29,380
200 to 499	16	(D)	22	6,184	200 to 499	50	34,173	36	25,122
500 to 999	2	(D)	1	(D)	500 to 999	6	9,185	8	13,945
1,000 to 2,499	-	-	-	-	1,000 to 2,499	5	26,539	8	39,727
2,500 or more	-	-	-	-	2,500 or more	-	-	-	-

Table 13. Cattle and Calves - Sales: 2017 and 2012

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

Number sold	2017			2012		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Cattle and calves	9,539	748,919	628,397	10,677	681,128	603,653
Farms by number sold -						
1 to 9	4,614	18,113	18,162	5,281	21,467	20,085
10 to 19	1,466	19,232	18,574	1,847	24,601	22,246
20 to 49	1,480	44,149	41,475	1,698	50,830	44,656
50 to 99	751	49,899	45,385	797	53,933	49,285
100 to 199	507	69,698	65,039	462	62,042	59,433
200 to 499	374	114,804	104,579	338	102,935	96,510
500 to 999	229	159,638	137,050	139	96,622	78,328
1,000 to 2,499	88	127,473	103,894	81	121,871	111,329
2,500 to 4,999	23	81,093	50,202	26	88,854	60,544
5,000 or more	7	64,820	44,038	8	57,973	61,238
Cattle weighing 500 pounds or more (see text)	8,692	461,771	(NA)	9,628	428,513	(NA)
Farms by number sold -						
1 to 9	4,520	17,184	(NA)	5,315	20,743	(NA)
10 to 19	1,413	18,510	(NA)	1,576	20,709	(NA)
20 to 49	1,251	36,917	(NA)	1,383	40,554	(NA)
50 to 99	631	42,058	(NA)	606	40,639	(NA)
100 to 199	378	50,536	(NA)	375	49,444	(NA)
200 to 499	294	88,228	(NA)	234	71,547	(NA)
500 to 999	147	98,769	(NA)	74	49,664	(NA)
1,000 to 2,499	49	64,487	(NA)	50	69,432	(NA)
2,500 to 4,999	7	(D)	(NA)	11	35,340	(NA)
5,000 or more	2	(D)	(NA)	4	30,441	(NA)
Cattle on feed (see text)	1,168	166,320	(NA)	1,102	157,503	(NA)
Farms by number sold -						
1 to 19	281	3,767	(NA)	327	4,560	(NA)
20 to 49	352	10,473	(NA)	344	10,180	(NA)
50 to 99	210	13,496	(NA)	173	11,939	(NA)
100 to 199	143	19,245	(NA)	110	14,592	(NA)
200 to 499	108	32,012	(NA)	92	27,345	(NA)
500 to 999	58	37,776	(NA)	33	21,488	(NA)
1,000 to 2,499	10	13,909	(NA)	15	23,958	(NA)
2,500 to 4,999	4	(D)	(NA)	4	13,000	(NA)
5,000 or more	2	(D)	(NA)	4	30,441	(NA)
Calves weighing less than 500 pounds	3,347	287,148	(NA)	3,955	252,615	(NA)
Farms by number sold -						
1 to 9	1,596	5,879	(NA)	1,992	7,586	(NA)
10 to 19	547	7,213	(NA)	681	8,690	(NA)
20 to 49	513	14,874	(NA)	678	19,724	(NA)
50 to 99	221	14,742	(NA)	229	14,640	(NA)
100 to 199	184	24,260	(NA)	146	19,133	(NA)
200 to 499	161	47,163	(NA)	109	31,448	(NA)
500 to 999	69	50,059	(NA)	66	45,019	(NA)
1,000 or more	56	122,958	(NA)	54	106,375	(NA)

Table 14. Cattle and Calves Herd Size by Inventory and Sales: 2017

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

Herd size	Cattle and calves inventory						Cattle and calves sales		
	Total		Cows and heifers that calved		Other cattle (see text)		Farms	Number	Value (\$1,000)
	Farms	Number	Farms	Number	Farms	Number			
Farms with December 31, 2017 herd size of-									
1 to 9	4,620	20,606	3,217	10,804	2,820	9,802	2,335	15,279	13,600
10 to 19	2,174	29,279	1,797	15,072	1,701	14,207	1,596	12,129	11,396
20 to 49	2,376	73,212	1,940	34,253	2,135	38,959	2,079	47,636	37,916
50 to 99	1,132	76,620	863	31,633	1,082	44,987	1,098	53,341	49,341
100 to 199	765	104,095	566	40,821	719	63,274	749	66,106	62,011
200 to 499	681	213,335	493	78,614	651	134,721	676	148,360	124,056
500 to 999	285	196,426	203	74,523	272	121,903	281	112,454	110,095
1,000 to 2,499	120	182,763	104	85,389	115	97,374	119	90,287	73,490
2,500 to 4,999	52	180,446	46	112,081	46	68,365	52	106,122	77,143
5,000 or more	16	124,601	14	62,364	16	62,237	16	80,326	50,368
All farms with December 31, 2017 inventory	12,221	1,201,383	9,243	545,554	9,557	655,829	9,001	732,040	609,416
Farms with no cattle and calves inventory, on December 31, 2017	-	-	-	-	-	-	538	16,879	18,981
Total	12,221	1,201,383	9,243	545,554	9,557	655,829	9,539	748,919	628,397

Table 15. Cow Herd Size by Inventory and Sales: 2017

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

Cow herd ¹	Cattle and calves inventory						Cattle and calves sales		
	Total		Cows and heifers that calved		Other cattle (see text)		Farms	Number	Value (\$1,000)
	Farms	Number	Farms	Number	Farms	Number			
Farms with December 31, 2017 cow herd size of-									
1 to 9	4,656	48,993	4,656	18,972	2,856	30,021	2,713	38,916	27,438
10 to 19	1,645	39,874	1,645	21,766	1,172	18,108	1,319	15,775	14,150
20 to 49	1,474	85,480	1,474	43,147	1,233	42,333	1,358	45,223	43,367
50 to 99	615	87,003	615	41,121	565	45,882	605	37,945	36,401
100 to 199	374	99,856	374	51,670	328	48,186	372	44,273	40,536
200 to 499	288	157,598	288	87,137	258	70,461	285	60,054	44,061
500 to 999	105	121,232	105	70,848	92	50,384	105	50,379	31,077
1,000 to 2,499	51	129,308	51	79,253	46	50,055	50	53,741	27,832
2,500 to 4,999	31	142,662	31	103,775	25	38,887	31	100,443	51,977
5,000 or more	4	46,348	4	27,865	4	18,483	4	20,469	7,449
All farms with December 31, 2017 cow inventory	9,243	958,354	9,243	545,554	6,579	412,800	6,842	467,218	324,287
Farms with no cow inventory, on December 31, 2017	2,978	243,029	-	-	2,978	243,029	2,697	281,701	304,110
Total	12,221	1,201,383	9,243	545,554	9,557	655,829	9,539	748,919	628,397

¹ Cow herd includes beef cows, milk cows, and heifers that calved.

Table 16. Beef Cow Herd Size by Inventory and Sales: 2017

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

Beef cow herd	Cattle and calves inventory							
	Total		Cows and heifers that calved		Beef cows		Other cattle (see text)	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Farms with December 31, 2017 beef cow herd size of-								
1 to 9	4,341	48,014	4,341	20,690	4,341	17,933	2,620	27,324
10 to 19	1,557	41,554	1,557	23,251	1,557	20,529	1,100	18,303
20 to 49	1,198	73,435	1,198	38,373	1,198	33,981	960	35,062
50 to 99	263	37,584	263	17,970	263	16,925	226	19,614
100 to 199	68	19,880	68	9,710	68	8,448	63	10,170
200 to 499	16	(D)	16	(D)	16	(D)	16	(D)
500 to 999	2	(D)	2	(D)	2	(D)	2	(D)
1,000 to 2,499	-	-	-	-	-	-	-	-
2,500 to 4,999	-	-	-	-	-	-	-	-
5,000 or more	-	-	-	-	-	-	-	-
All farms with December 31, 2017 beef cow inventory	7,445	230,320	7,445	115,702	7,445	103,522	4,987	114,618
Farms with no beef cow inventory, on December 31, 2017	4,776	971,063	1,798	429,852	-	-	4,570	541,211
Total	12,221	1,201,383	9,243	545,554	7,445	103,522	9,557	655,829

Beef cow herd	Cattle and calves sales								
	Total			Cattle				Calves	
	Farms	Number	Value (\$1,000)	Total		Cattle on feed (see text)		Farms	Number
				Farms	Number	Farms	Number		
Farms with December 31, 2017 beef cow herd size of-									
1 to 9	2,551	31,428	24,406	2,216	20,164	35	1,427	693	11,264
10 to 19	1,254	14,855	13,315	1,102	11,574	63	2,172	447	3,281
20 to 49	1,097	38,000	38,542	1,030	28,525	174	9,569	445	9,475
50 to 99	256	21,247	23,408	241	16,339	70	7,768	96	4,908
100 to 199	67	11,020	13,048	67	10,207	18	3,414	27	813
200 to 499	16	(D)	(D)	16	(D)	5	1,341	3	(D)
500 to 999	2	(D)	(D)	2	(D)	-	-	2	(D)
1,000 to 2,499	-	-	-	-	-	-	-	-	-
2,500 to 4,999	-	-	-	-	-	-	-	-	-
5,000 or more	-	-	-	-	-	-	-	-	-
All farms with December 31, 2017 beef cow inventory	5,243	122,259	118,680	4,674	91,661	365	25,691	1,713	30,598
Farms with no beef cow inventory, on December 31, 2017	4,296	626,660	509,717	4,018	370,110	803	140,629	1,634	256,550
Total	9,539	748,919	628,397	8,692	461,771	1,168	166,320	3,347	287,148

Table 17. Milk Cow Herd Size by Inventory and Sales: 2017

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

Milk cow herd	Cattle and calves inventory								
	Total		Cows and heifers that calved		Milk cows		Other cattle (see text)		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
Farms with December 31, 2017 milk cow herd size of-									
1 to 9	582	14,306	582	3,584	582	1,520	446	10,722	
10 to 19	124	4,153	124	2,078	124	1,662	98	2,075	
20 to 49	338	31,628	338	11,996	338	10,986	320	19,632	
50 to 99	353	49,041	353	25,265	353	23,871	341	23,776	
100 to 199	303	81,623	303	42,975	303	42,077	264	38,648	
200 to 499	270	149,545	270	82,321	270	81,805	240	67,224	
500 to 999	102	118,397	102	69,228	102	69,218	89	49,169	
1,000 to 2,499	51	129,308	51	79,253	51	79,253	46	50,055	
2,500 to 4,999	31	142,662	31	103,775	31	103,775	25	38,887	
5,000 or more	4	46,348	4	27,865	4	27,865	4	18,483	
All farms with December 31, 2017 milk cow inventory	2,158	767,011	2,158	448,340	2,158	442,032	1,873	318,671	
Farms with no milk cow inventory, on December 31, 2017	10,063	434,372	7,085	97,214	-	-	7,684	337,158	
Total	12,221	1,201,383	9,243	545,554	2,158	442,032	9,557	655,829	
Milk cow herd	Cattle and calves sales						Milk sales		
	Total			Cattle		Calves		Farms	Value (\$1,000)
	Farms	Number	Value (\$1,000)	Farms	Number	Farms	Number		
Farms with December 31, 2017 milk cow herd size of-									
1 to 9	347	21,947	13,276	290	10,494	148	11,453	98	1,543
10 to 19	105	2,672	1,905	87	1,049	43	1,623	102	5,232
20 to 49	321	14,201	13,047	313	10,246	243	3,955	338	41,085
50 to 99	350	15,586	11,003	341	9,776	240	5,810	353	91,985
100 to 199	302	33,607	28,178	294	22,206	219	11,401	303	161,541
200 to 499	267	55,157	39,072	262	29,975	219	25,182	270	327,443
500 to 999	102	49,363	29,933	101	24,385	88	24,978	102	284,691
1,000 to 2,499	50	53,741	27,832	48	20,797	47	32,944	51	328,174
2,500 to 4,999	31	100,443	51,977	31	35,475	27	64,968	31	436,298
5,000 or more	4	20,469	7,449	4	7,138	4	13,331	4	108,064
All farms with December 31, 2017 milk cow inventory	1,879	367,186	223,672	1,771	171,541	1,278	195,645	1,652	1,786,057
Farms with no milk cow inventory, on December 31, 2017	7,660	381,733	404,725	6,921	290,230	2,069	91,503	-	-
Total	9,539	748,919	628,397	8,692	461,771	3,347	287,148	1,652	1,786,057

Table 18. Cattle and Calves - Number Sold Per Farm by Sales: 2017

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

Number sold	Cattle and calves			Cattle weighing 500 pounds or more (see text)		Calves weighing less than 500 pounds	
	Farms	Number	Value (\$1,000)	Farms	Number	Farms	Number
Total	9,539	748,919	628,397	8,692	461,771	3,347	287,148
Farms by number of cattle and calves sold-							
1 to 9	4,614	18,113	18,162	4,053	14,614	1,105	3,499
10 to 19	1,466	19,232	18,574	1,348	15,215	517	4,017
20 to 49	1,480	44,149	41,475	1,430	32,637	681	11,512
50 to 99	751	49,899	45,385	729	36,996	364	12,903
100 to 199	507	69,698	65,039	480	49,083	262	20,615
200 to 499	374	114,804	104,579	348	78,447	199	36,357
500 to 999	229	159,638	137,050	206	101,700	132	57,938
1,000 to 2,499	88	127,473	103,894	69	63,849	65	63,624
2,500 or more	30	145,913	94,239	29	69,230	22	76,683

Table 19. Hogs and Pigs - Inventory: 2017 and 2012

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

Hogs and pigs	2017		2012		Hogs and pigs	2017		2012	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Total hogs and pigs	2,017	1,236,567	2,198	1,099,478	Total hogs and pigs - Con.				
Farms with -					Farms with - - Con.				
1 to 24	1,564	10,168	1,658	9,907	500 to 999	28	19,336	43	28,172
25 to 49	120	3,874	138	4,580	1,000 to 1,999	42	53,672	67	90,682
50 to 99	72	4,804	69	4,613	2,000 to 4,999	76	227,271	68	215,980
100 to 199	40	5,044	57	7,689	5,000 or more	57	907,472	47	721,321
200 to 499	18	4,926	51	16,534					

Table 20. Hogs and Pigs - Sales: 2017 and 2012

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

Hogs and pigs	2017			2012		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total hogs and pigs sold	2,441	4,076,081	608,555	2,150	3,598,475	482,177
Farms with sales of-						
1 to 24	1,819	12,011	2,189	1,521	10,121	1,733
25 to 49	159	5,212	735	167	(D)	692
50 to 99	101	6,519	848	97	(D)	847
100 to 199	66	9,659	1,188	52	6,898	857
200 to 499	42	12,552	1,788	58	18,030	2,174
500 to 999	21	11,968	1,787	26	17,803	2,409
1,000 to 1,999	19	26,238	4,659	41	53,562	8,121
2,000 to 4,999	71	220,030	39,013	80	261,784	44,169
5,000 or more	143	3,771,892	556,347	108	3,217,950	421,175

Table 21. Hogs and Pigs Herd Size by Inventory and Sales: 2017

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

Herd size	Hogs and pigs inventory		Hogs and pigs sales		
	Farms	Number	Farms	Number	Value (\$1,000)
Farms with December 31, 2017 herd size of-					
1 to 24	1,564	10,168	1,109	16,549	2,128
25 to 49	120	3,874	116	6,911	906
50 to 99	72	4,804	70	7,012	1,118
100 to 199	40	5,044	37	8,935	1,207
200 to 499	18	4,926	17	8,306	1,382
500 to 999	28	19,336	27	33,272	5,822
1,000 to 1,999	42	53,672	42	162,438	25,073
2,000 to 4,999	76	227,271	76	663,046	100,354
5,000 or more	57	907,472	57	2,973,840	435,558
All farms with December 31, 2017 inventory	2,017	1,236,567	1,551	3,880,309	573,548
Farms with no hog or pig inventory, on December 31, 2017	-	-	890	195,772	35,007
Total	2,017	1,236,567	2,441	4,076,081	608,555

Table 22. Hogs and Pigs - Inventory and Sales by Number Sold Per Farm: 2017

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

Hogs and pigs	Inventory		Sales		
	Farms	Number	Farms	Number	Value (\$1,000)
Farms with sales of-					
1 to 24	1,000	9,182	1,819	12,011	2,189
25 to 49	139	2,768	159	5,212	735
50 to 99	97	3,919	101	6,519	848
100 to 199	61	2,641	66	9,659	1,188
200 to 499	41	6,265	42	12,552	1,788
500 to 999	19	7,555	21	11,968	1,787
1,000 to 1,999	18	18,184	19	26,238	4,659
2,000 to 4,999	46	63,305	71	220,030	39,013
5,000 or more	130	1,119,534	143	3,771,892	556,347
All farms with sales	1,551	1,233,353	2,441	4,076,081	608,555
Farms with December 31, 2017 inventory and no sales	466	3,214	-	-	-
Total	2,017	1,236,567	2,441	4,076,081	608,555

Table 23. Hogs and Pigs - Inventory by Type of Producer: 2017

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

Herd size	Independent grower		Contractor or integrator		Contract grower (Contractee)	
	Farms	Number	Farms	Number	Farms	Number
Total inventory	1,872	475,702	6	287,848	139	473,017
Farms with-						
1 to 24	1,557	10,126	-	-	7	42
25 to 49	113	3,594	-	-	7	280
50 to 99	70	(D)	-	-	2	(D)
100 to 199	36	4,496	-	-	4	548
200 to 499	16	(D)	-	-	2	(D)
500 to 999	20	14,898	-	-	8	4,438
1,000 to 1,999	13	19,256	-	-	29	34,416
2,000 to 4,999	23	70,983	-	-	53	156,288
5,000 or more	24	343,409	6	287,848	27	276,215

Table 24. Hogs and Pigs - Number Sold by Type of Producer: 2017

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

Hogs and pigs	Independent grower		Contractor or integrator		Contract grower (Contractee)	
	Farms	Number	Farms	Number	Farms	Number
Total hogs and pigs sold	2,242	1,043,402	6	1,419,071	193	1,613,608
Farms with-						
1 to 24	1,795	11,888	-	-	24	123
25 to 49	159	5,212	-	-	-	-
50 to 99	99	(D)	-	-	2	(D)
100 to 199	61	8,993	-	-	5	666
200 to 499	38	11,586	-	-	4	966
500 to 999	19	(D)	-	-	2	(D)
1,000 to 1,999	11	15,738	-	-	8	10,500
2,000 to 4,999	11	25,550	-	-	60	194,480
5,000 or more	49	947,104	6	1,419,071	88	1,405,717

Table 25. Hogs and Pigs - Inventory by Type of Operation: 2017

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

Herd size	Farrow to wean		Farrow to finish		Finish only		Farrow to feeder		Nursery		Other	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	92	22,205	692	576,537	753	541,778	210	35,319	27	49,734	243	10,994
Farms with-												
1 to 24	68	(D)	494	3,704	575	3,414	177	1,341	22	(D)	228	1,057
25 to 49	12	373	67	2,203	14	461	17	530	-	-	10	307
50 to 99	6	(D)	34	2,199	22	1,522	10	(D)	-	-	-	-
100 to 199	-	-	33	4,279	2	(D)	4	415	-	-	1	(D)
200 to 499	-	-	12	3,191	4	(D)	-	-	-	-	2	(D)
500 to 999	1	(D)	15	11,314	12	(D)	-	-	-	-	-	-
1,000 to 1,999	1	(D)	10	14,011	30	(D)	-	-	1	(D)	-	-
2,000 to 4,999	3	(D)	9	28,485	63	184,086	-	-	-	-	1	(D)
5,000 or more	1	(D)	18	507,151	31	306,846	2	(D)	4	47,900	1	(D)

Table 26. Hogs and Pigs - Number Sold by Type of Operation: 2017

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

Hogs and pigs	Farrow to wean		Farrow to finish		Finish only		Farrow to feeder		Nursery		Other	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total hogs and pigs sold	90	166,363	642	2,005,730	1,316	1,391,370	196	88,664	19	357,814	178	66,140
Farms with-												
1 to 24	41	(D)	423	3,198	1,084	6,401	118	1,053	12	(D)	141	835
25 to 49	23	792	60	1,944	41	1,308	24	808	-	-	11	360
50 to 99	14	803	56	3,605	8	445	20	1,475	-	-	3	191
100 to 199	4	(D)	15	1,939	12	1,734	25	(D)	2	(D)	8	1,408
200 to 499	2	(D)	28	8,738	2	(D)	7	1,948	-	-	3	746
500 to 999	1	(D)	13	7,305	6	(D)	-	-	-	-	1	(D)
1,000 to 1,999	-	-	8	11,088	11	15,150	-	-	-	-	-	-
2,000 to 4,999	-	-	9	25,650	55	165,380	-	-	-	-	7	29,000
5,000 or more	5	162,640	30	1,942,263	97	1,196,989	2	(D)	5	357,500	4	(D)

Table 27. Sheep and Lambs Flock Size by Inventory, Sales, and Wool Production: 2017

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

Flock size	Sheep and lambs inventory		Sheep and lambs sold			Wool production		
	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Pounds	Value (\$1,000)
Farms with December 31, 2017 flock size of-								
1 to 24	1,772	15,954	874	(D)	(D)	535	(D)	37
25 to 99	562	24,640	436	14,647	2,443	267	69,423	82
100 to 299	108	16,093	106	12,546	1,945	81	69,775	39
300 to 999	31	15,249	31	8,822	1,670	31	61,555	30
1,000 to 2,499	9	(D)	9	12,998	2,550	9	88,050	98
2,500 to 4,999	1	(D)	1	(D)	(D)	1	(D)	-
5,000 or more	-	-	-	-	-	-	-	-
All farms with December 31, 2017 inventory	2,483	89,270	1,457	58,114	10,049	924	327,938	286
Farms with no sheep or lamb inventory, on December 31, 2017	-	-	153	3,904	702	13	2,255	4
Total	2,483	89,270	1,610	62,018	10,751	937	330,193	289

Table 28. Goats, Kids, and Mohair - Inventory, Mohair Production, and Sales: 2017 and 2012

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

Item	Inventory				Sales					
	2017		2012		2017			2012		
	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Goats, all	2,614	29,226	2,623	27,059	1,267	13,653	2,114	1,042	11,945	1,602
Angora goats and kids	238	1,321	177	874	72	353	37	32	103	10
Milk goats and kids	1,246	11,905	1,194	11,884	630	5,001	831	516	4,952	750
Meat goats and other goats and kids	1,522	16,000	1,669	14,301	691	8,299	1,246	581	6,890	841
Mohair clipped pounds	(X)	(X)	(X)	(X)	55	4,049	5	63	2,873	4

Table 29. Equine - Inventory and Sales: 2017

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

Equine	Farms	Number	Value (\$1,000)	Equine	Farms	Number	Value (\$1,000)
INVENTORY				SALES			
Total horses and ponies	10,235	64,200	(X)	Total horses and ponies (see text)	1,480	4,421	16,964
Farms with-				Farms by number sold-			
1 to 24	9,952	52,769	(X)	1 to 24	1,464	3,859	15,565
25 to 49	228	7,152	(X)	25 to 49	15	(D)	(D)
50 to 99	46	2,804	(X)	50 to 99	1	(D)	(D)
100 or more	9	1,475	(X)	100 or more	-	-	-
Total mules, burros, and donkeys	1,561	3,972	(X)	Total mules, burros, and donkeys	131	342	127
Farms with-				Farms by number sold-			
1 to 24	1,552	3,569	(X)	1 to 24	131	342	127
25 to 49	5	151	(X)	25 to 49	-	-	-
50 or more	4	252	(X)	50 or more	-	-	-

Table 30. Poultry - Inventory and Number Sold: 2017 and 2012

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

Item	2017		2012		Item	2017		2012	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
INVENTORY					NUMBER SOLD - Con.				
Layers (see text)	7,039	15,074,549	6,783	12,676,021	Pullets for laying flock replacement	132	6,573,536	116	5,325,058
Farms with inventory of-					Farms by number of sold-				
1 to 49	5,953	103,554	5,972	98,041	1 to 1,999	124	7,433	108	3,758
50 to 99	644	40,634	525	32,505	2,000 to 15,999	3	9,250	-	-
100 to 399	364	58,176	240	35,587	16,000 to 29,999	-	-	-	-
400 to 3,199	63	58,620	31	26,120	30,000 to 59,999	-	-	-	-
3,200 to 9,999	5	(D)	4	(D)	60,000 to 99,999	-	-	-	-
10,000 to 19,999	-	-	-	-	100,000 or more	5	6,556,853	8	5,321,300
20,000 to 49,999	1	(D)	-	-	Broilers and other meat-type chickens	1,582	8,868,690	1,124	5,737,416
50,000 to 99,999	1	(D)	2	(D)	Farms by number of sold-				
100,000 or more	8	14,670,087	9	12,286,196	1 to 1,999	1,539	190,023	1,098	100,242
Pullets for laying flock replacement	1,159	4,933,440	849	3,356,880	2,000 to 15,999	21	86,067	14	55,174
Broilers and other meat-type chickens	1,515	1,609,545	1,366	1,125,601	16,000 to 29,999	-	-	-	-
Turkeys (see text)	1,036	2,279,108	838	2,190,486	30,000 to 59,999	-	-	-	-
Chukars	29	9,730	15	52,210	60,000 to 99,999	-	-	-	-
Ducks	1,197	17,881	1,028	23,910	100,000 to 199,999	6	864,000	3	462,000
Emus	45	233	54	307	200,000 to 299,999	3	795,000	-	-
Geese	386	2,591	449	3,382	300,000 to 499,999	10	4,737,600	5	(D)
Guineas	481	3,716	367	3,125	500,000 or more	3	2,196,000	4	(D)
Hungarian partridge	1	(D)	-	-	Turkeys (see text)	767	5,186,242	486	5,208,149
Ostriches	5	11	9	67	Farms by number of sold-				
Peacocks or peahens	269	1,699	263	2,173	1 to 1,999	738	(D)	459	(D)
Pheasants	135	45,711	133	112,628	2,000 to 7,999	7	34,000	7	43,900
Pigeons or squab	76	7,281	72	3,429	8,000 to 15,999	3	24,000	-	-
Quail	79	6,917	62	9,699	16,000 to 29,999	2	(D)	1	(D)
Rheas	-	-	4	15	30,000 to 59,999	1	(D)	1	(D)
Roosters	824	4,800	279	5,155	60,000 to 99,999	6	498,812	7	513,668
Other poultry (see text)	47	839	74	2,788	100,000 or more	10	4,516,184	11	4,561,893
					Chukars	13	(D)	12	127,420
NUMBER SOLD					Ducks	346	(D)	271	40,164
Layers (see text)	1,235	5,036,819	1,048	3,984,296	Emus	17	300	5	53
Farms by number of sold-					Geese	81	577	80	877
1 to 99	1,077	22,807	948	18,905	Guineas	92	923	67	733
100 to 399	105	18,482	69	(D)	Hungarian partridge	-	-	1	(D)
400 to 3,199	39	43,066	22	17,743	Ostriches	2	(D)	-	-
3,200 to 9,999	1	(D)	-	-	Peacocks or peahens	46	495	43	371
10,000 to 19,999	4	46,082	-	-	Pheasants	63	151,617	88	246,381
20,000 to 49,999	1	(D)	2	(D)	Pigeons or squab	28	12,588	25	1,151
50,000 to 99,999	1	(D)	1	(D)	Quail	34	17,567	33	15,440
100,000 or more	7	4,802,364	6	3,810,000	Rheas	-	-	-	-
					Roosters	203	7,293	64	4,896
					Other poultry (see text)	1	(D)	13	272
					Poultry hatched (see text)	1,083	(D)	773	(D)

Table 31. Aquaculture Sales: 2017 and 2012

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

Item	2017		2012	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Catfish	4	(D)	8	92
Trout	32	6,359	27	1,733
Other food fish (see text)	10	51	12	(D)
Baitfish	4	330	9	(D)
Crustaceans	-	-	1	(D)
Mollusks	-	-	-	-
Ornamental fish	4	36	9	29
Sport or game fish	13	1,905	14	784
Other aquaculture products (see text)	1	(D)	7	(D)

Table 32. Other Animals - Inventory: 2017 and 2012

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

Item	2017		2012		Item	2017		2012	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Colonies of honey bees (see text)	1,756	37,957	1,151	78,995	Llamas	204	789	462	2,338
Bison	68	2,722	89	1,901	Mink, live	12	21,953	8	16,465
Deer in captivity	137	15,071	199	14,658	Rabbits, live	413	22,837	740	27,193
Elk in captivity	41	1,771	43	1,170	Other livestock (see text)	88	(X)	39	(X)
Alpacas	303	3,220	360	4,811					

Table 33. Other Animals and Animal Products - Sales: 2017 and 2012

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

Item	2017			2012		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Honey collected ¹ (pounds) (see text)	1,232	4,591,286	10,137	737	3,973,247	6,874
Milk from sheep and goats	155	(NA)	1,636	178	(NA)	1,677
Bison	47	985	1,850	44	493	871
Deer in captivity	84	2,316	6,250	75	2,293	3,217
Elk in captivity	23	342	745	25	199	418
Alpacas	54	292	425	87	513	595
Llamas	20	67	57	47	143	96
Mink, live	1	(D)	(D)	-	-	-
Rabbits, live	200	34,096	542	255	45,077	(D)
Equine products (see text)	248	(X)	1,374	(NA)	(X)	(NA)
Other livestock (see text)	45	(X)	(D)	15	(X)	3,620
Other livestock products ¹ (see text)	140	(X)	4,488	422	(X)	5,642

¹ Data are for farms with production, not necessarily sold.

Table 34. Specified Crops Harvested - Yield per Acre Irrigated and Nonirrigated: 2017

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Crop	Entire crop irrigated			Part of crop irrigated				None of crop irrigated		
	Farms	Acres	Average yield per acre	Farms	Acres irrigated	Acres not irrigated	Average yield per acre	Farms	Acres	Average yield per acre
Barley for grain (bushels)	-	-	-	1	(D)	(D)	(D)	182	(D)	(D)
Corn for grain (bushels)	237	67,802	140.1	793	245,836	282,785	162.8	10,165	1,571,781	158.4
Corn for silage or greenchop (tons)	30	2,617	22.1	103	18,426	48,127	18.6	2,222	261,963	18.5
Cotton, all (bales)	-	-	-	-	-	-	-	-	-	-
Upland cotton (bales)	-	-	-	-	-	-	-	-	-	-
Pima cotton (bales)	-	-	-	-	-	-	-	-	-	-
Dry edible beans, excluding chickpeas and limas (cwt) (see text)	18	1,927	18.8	40	8,449	9,363	16.8	1,027	205,595	20.2
Oats for grain (bushels)	2	(D)	(D)	3	(D)	(D)	(D)	1,162	33,863	60.3
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-	-	-
Rice (cwt)	-	-	-	-	-	-	-	-	-	-
Sorghum for grain (bushels)	2	(D)	(D)	5	(D)	(D)	150.5	20	(D)	(D)
Soybeans for beans (bushels)	136	21,483	53.4	563	119,009	183,159	47.2	11,289	2,163,692	42.4
Sugarbeets for sugar (tons)	5	(D)	(D)	20	2,213	(D)	(D)	636	(D)	(D)
Sugarcane for sugar (tons)	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-	-	-
Wheat for grain, all (bushels)	39	11,967	75.7	75	5,432	10,271	76.6	4,860	459,341	78.2
Winter wheat for grain (bushels)	39	11,967	75.7	75	5,432	10,271	76.6	4,848	458,472	78.3
Durum wheat for grain (bushels)	-	-	-	-	-	-	-	-	-	-
Other spring wheat for grain (bushels)	-	-	-	-	-	-	-	14	869	25.0
Forage - land used for all hay and haylage, grass silage, and greenchop (tons, dry equivalent) (see text)	195	5,862	(X)	222	18,913	47,619	(X)	18,416	937,176	(X)
Alfalfa hay (tons, dry)	154	3,703	2.8	113	5,004	10,014	3.9	13,393	557,695	2.3
Other dry hay (tons, dry) (see text)	49	1,432	1.4	13	312	818	1.7	5,126	182,297	1.5
Haylage or greenchop from alfalfa or alfalfa mixtures (tons, green)	24	2,138	8.7	92	12,245	27,460	9.8	1,696	194,490	7.4
All other haylage, grass silage, and greenchop (tons, green)	21	669	6.1	10	517	862	3.1	1,277	54,410	4.5
Land in vegetables (see text)	853	70,252	(X)	513	32,567	19,812	(X)	1,681	38,293	(X)
Land in orchards (see text)	320	4,252	(X)	209	11,026	22,600	(X)	2,023	60,342	(X)
Land in berries (see text)	597	10,254	(X)	119	8,000	2,142	(X)	850	4,611	(X)

Table 35. Specified Crops by Acres Harvested: 2017 and 2012

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Crop	2017					2012				
	Farms	Acres	Quantity	Irrigated land		Farms	Acres	Quantity	Irrigated land	
				Farms	Acres				Farms	Acres
FIELD CROPS										
Barley for grain (bushels)	183	5,740	272,067	1	(D)	321	9,571	422,456	3	(D)
Camelina (pounds)	1	(D)	(D)	-	-	-	-	-	-	-
Canola (pounds)	1	(D)	(D)	-	-	3	(D)	(D)	-	-
Corn for grain (bushels)	11,195	2,168,204	344,533,785	1,030	313,638	13,907	2,393,504	313,802,471	1,056	308,372
1 to 14 acres	1,684	12,636	1,438,926	26	150	2,439	18,995	1,715,340	66	313
15 to 24 acres	1,067	20,256	2,584,659	15	220	1,491	28,081	2,746,533	33	429
25 to 49 acres	1,723	60,291	8,148,373	64	1,836	2,383	83,719	9,067,844	71	2,007
50 to 99 acres	1,807	125,998	18,118,789	85	4,192	2,358	165,012	19,291,375	124	6,742
100 to 249 acres	2,418	377,356	57,913,323	238	23,221	2,670	415,829	50,887,084	209	20,730
250 to 499 acres	1,413	488,407	80,053,054	247	46,715	1,405	481,043	61,713,648	202	35,467
500 to 999 acres	749	503,015	82,633,662	197	63,707	797	532,510	69,956,817	191	62,136
1,000 acres or more	334	580,245	93,642,999	158	173,597	364	668,315	98,423,830	160	180,548
1,000 to 1,999 acres	254	331,252	53,852,022	99	66,062	278	369,794	52,721,820	107	76,765
2,000 to 2,999 acres	45	106,298	16,529,426	32	45,542	47	109,911	16,729,491	27	37,205
3,000 to 4,999 acres	30	112,876	18,476,074	22	42,695	29	103,959	16,058,726	18	(D)
5,000 acres or more	5	29,819	4,785,477	5	19,298	10	84,651	12,913,793	8	(D)
Corn for silage or greenchop (tons)	2,355	331,133	6,157,400	133	21,043	3,074	309,709	4,861,484	151	19,791
1 to 14 acres	478	4,008	56,574	2	(D)	800	6,044	69,935	13	46
15 to 24 acres	294	5,542	79,729	3	(D)	433	8,193	92,449	9	124
25 to 49 acres	394	13,619	220,484	7	137	555	19,332	250,297	19	426
50 to 99 acres	408	27,314	470,814	20	1,125	539	36,919	534,766	28	1,278
100 to 249 acres	453	67,588	1,240,910	33	2,965	451	66,544	1,002,237	25	2,252
250 to 499 acres	192	64,992	1,200,989	29	4,587	172	57,988	867,853	19	3,447
500 to 999 acres	81	54,217	1,079,371	16	2,416	87	56,509	978,956	18	3,779
1,000 acres or more	55	93,853	1,808,529	23	9,749	37	58,180	1,064,991	20	8,439
Dry edible beans, excluding chickpeas and limas (cwt) (see text)	1,085	225,334	4,487,274	58	10,376	1,120	188,526	3,471,642	56	7,100
1 to 14 acres	45	369	6,847	7	(D)	68	570	7,976	4	16
15 to 24 acres	52	1,002	16,136	2	(D)	74	(D)	(D)	1	(D)
25 to 49 acres	150	5,420	106,966	5	159	195	(D)	(D)	2	(D)
50 to 99 acres	191	12,933	247,194	5	293	222	15,624	(D)	14	(D)
100 to 249 acres	346	54,782	1,056,864	7	800	323	50,580	925,113	10	756
250 to 499 acres	190	64,801	1,258,660	19	3,582	155	52,670	944,590	15	2,264
500 to 999 acres	88	57,271	1,200,471	9	3,489	72	45,371	851,499	9	2,946
1,000 to 1,999 acres	23	28,756	594,136	4	1,937	10	(D)	244,172	1	(D)
2,000 acres or more	-	-	-	-	-	1	(D)	(D)	-	-
Dry edible peas (cwt)	11	267	5,836	-	-	6	576	7,726	-	-
Hops (pounds)	150	1,080	1,124,096	96	346	19	59	38,374	12	33
Lentils (cwt)	1	(D)	(D)	-	-	-	-	-	-	-
Mint for oil, all (pounds of oil)	8	(D)	(D)	3	17	8	2,265	(D)	3	(D)
Oats for grain (bushels)	1,167	34,492	2,079,160	5	417	1,677	35,420	2,001,826	13	115
1 to 14 acres	588	4,515	224,381	-	-	1,008	7,678	414,094	5	(D)
15 to 24 acres	190	3,459	196,253	-	-	297	5,520	290,990	5	70
25 to 49 acres	192	6,488	399,938	1	(D)	230	7,642	421,779	1	(D)
50 to 99 acres	132	8,544	550,648	2	(D)	94	6,139	373,039	1	(D)
100 to 249 acres	59	7,736	467,321	1	(D)	41	5,205	325,334	1	(D)
250 to 499 acres	3	816	43,774	1	(D)	4	1,736	86,590	-	-
500 to 999 acres	3	2,934	196,845	-	-	3	1,500	90,000	-	-
1,000 acres or more	-	-	-	-	-	-	-	-	-	-
Popcorn (pounds, shelled)	27	1,464	2,820,528	6	21	33	2,034	4,008,393	6	69
Proso millet (bushels)	4	47	3,273	-	-	-	-	-	-	-
Rye for grain (bushels)	479	18,238	633,914	13	565	447	11,454	336,914	15	617
Sorghum for grain (bushels)	27	1,888	225,714	7	1,186	22	723	46,961	2	(D)
Sorghum for silage or greenchop (tons)	47	2,072	19,028	1	(D)	110	2,555	16,973	6	148
Soybeans for beans (bushels)	11,988	2,487,343	107,048,753	699	140,492	12,059	1,983,444	83,173,727	645	84,415
1 to 14 acres	1,040	8,780	314,647	22	160	1,181	10,368	338,769	39	247
15 to 24 acres	878	16,869	609,022	28	485	1,171	22,615	784,701	24	347
25 to 49 acres	1,859	65,303	2,551,508	46	1,131	2,123	74,189	2,740,392	50	1,080
50 to 99 acres	2,267	159,643	6,343,663	84	4,329	2,531	177,452	6,977,161	97	4,238
100 to 249 acres	3,051	477,072	20,040,415	177	17,291	2,759	428,586	17,671,257	168	15,226
250 to 499 acres	1,580	544,547	23,280,136	127	21,489	1,385	474,756	19,849,355	136	20,907
500 to 999 acres	967	649,155	28,440,052	142	44,261	694	461,752	20,296,896	84	22,826
1,000 acres or more	346	565,974	25,469,310	73	51,346	215	333,726	14,515,196	47	19,544
1,000 to 1,999 acres	292	374,821	16,607,137	55	27,918	186	236,679	10,359,841	41	16,208
2,000 to 2,999 acres	25	58,970	2,648,229	9	(D)	13	(D)	(D)	3	(D)
3,000 to 4,999 acres	24	92,348	4,223,603	6	11,322	14	51,195	2,362,131	3	(D)
5,000 acres or more	5	39,835	1,990,341	3	(D)	2	(D)	(D)	-	-
Sugarbeets for sugar (tons)	661	145,790	3,693,023	25	(D)	758	156,447	4,423,378	27	(D)
1 to 14 acres	14	131	2,870	-	-	13	(D)	1,974	-	-
15 to 24 acres	25	(D)	(D)	1	(D)	35	699	20,164	2	(D)
25 to 49 acres	91	(D)	84,670	1	(D)	105	(D)	(D)	4	50
50 to 99 acres	129	8,925	226,571	3	(D)	151	10,353	301,394	1	(D)
100 to 249 acres	218	34,994	850,859	9	935	255	41,622	1,164,110	6	851
250 to 499 acres	118	40,342	1,037,917	4	438	135	46,321	1,283,245	9	661
500 to 999 acres	50	(D)	792,627	6	867	48	30,194	904,798	5	(D)
1,000 to 1,999 acres	14	19,403	525,178	1	(D)	14	(D)	506,428	-	-
2,000 acres or more	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Sunflower seed, all (pounds)	46	1,735	3,095,470	9	(D)	24	1,611	2,545,926	-	-
Sunflower seed - oil varieties (pounds)	33	1,721	3,094,140	6	(D)	23	(D)	(D)	-	-

See footnote(s) at end of table.

--continued

Table 35. Specified Crops by Acres Harvested: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Crop	2017					2012				
	Farms	Acres	Quantity	Irrigated land		Farms	Acres	Quantity	Irrigated land	
				Farms	Acres				Farms	Acres
FIELD CROPS - Con.										
Sunflower seed, all (pounds) - Con.										
Sunflower seed - non-oil varieties (pounds)	13	14	1,330	3	3	1	(D)	(D)	-	-
Wheat for grain, all (bushels)	4,974	487,011	38,015,624	114	17,399	6,241	539,138	(D)	102	9,670
1 to 14 acres	571	5,017	293,322	3	38	877	7,763	(D)	9	47
15 to 24 acres	631	12,139	764,337	4	48	855	16,320	(D)	4	38
25 to 49 acres	1,117	39,318	2,651,706	18	477	1,479	52,032	(D)	21	(D)
50 to 99 acres	1,160	79,645	5,663,939	16	843	1,375	94,400	(D)	31	(D)
100 to 249 acres	1,021	151,863	11,696,229	44	2,998	1,206	176,950	(D)	16	1,173
250 to 499 acres	378	124,900	10,557,108	17	2,652	362	121,723	(D)	15	(D)
500 to 999 acres	82	52,151	4,578,572	8	2,301	69	43,578	(D)	5	(D)
1,000 acres or more	14	21,978	1,810,411	4	8,042	18	26,372	(D)	1	(D)
Winter wheat for grain (bushels)	4,962	486,142	37,993,909	114	17,399	6,236	538,880	(D)	102	9,670
1 to 14 acres	571	5,020	294,002	3	38	874	7,732	(D)	9	47
15 to 24 acres	627	12,054	760,554	4	48	855	(D)	(D)	4	38
25 to 49 acres	1,115	39,242	2,651,906	18	477	1,478	52,007	(D)	21	(D)
50 to 99 acres	1,156	79,315	5,653,579	16	843	1,375	94,400	(D)	31	(D)
100 to 249 acres	1,020	151,753	11,694,579	44	2,998	1,205	(D)	(D)	16	1,173
250 to 499 acres	377	124,629	10,550,306	17	2,652	362	121,723	(D)	15	(D)
500 to 999 acres	82	52,151	4,578,572	8	2,301	69	43,578	(D)	5	(D)
1,000 acres or more	14	21,978	1,810,411	4	8,042	18	26,372	(D)	1	(D)
Other Spring wheat for grain (bushels)	14	869	21,715	-	-	6	258	(D)	-	-
FIELD AND GRASS SEEDS, FORAGE, AND HAY										
Field and grass seed crops, all	26	593	(X)	1	(D)	26	894	(X)	-	-
Ryegrass seed (pounds)	5	13	6,150	-	-	-	-	-	-	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (tons, dry equivalent) (see text)	18,833	1,009,570	2,674,133	417	24,775	20,511	1,061,932	2,457,625	415	20,883
1 to 14 acres	6,766	51,191	94,762	114	507	6,958	54,705	86,378	122	496
15 to 24 acres	3,326	61,494	107,902	37	633	3,653	67,663	110,597	41	366
25 to 49 acres	3,675	125,632	242,191	71	1,980	4,369	150,073	273,890	61	1,119
50 to 99 acres	2,518	167,718	362,632	38	1,732	2,949	197,001	400,685	55	1,346
100 to 249 acres	1,837	268,415	689,427	71	4,753	1,891	274,310	632,808	67	4,052
250 to 499 acres	501	166,625	545,064	44	6,676	484	159,312	464,586	30	2,961
500 to 999 acres	170	112,950	407,069	28	4,626	173	110,281	305,713	29	5,289
1,000 acres or more	40	55,545	225,086	14	3,868	34	48,587	182,968	10	5,254
1,000 to 1,999 acres	37	48,964	198,454	13	(D)	29	36,721	138,433	9	(D)
2,000 to 2,999 acres	3	6,581	26,632	1	(D)	5	11,866	44,535	1	(D)
3,000 to 4,999 acres	-	-	-	-	-	-	-	-	-	-
5,000 acres or more	-	-	-	-	-	-	-	-	-	-
Hay - All hay including alfalfa and other dry (tons, dry) (see text)	17,427	761,275	1,636,885	312	10,451	19,638	861,811	1,597,681	339	9,591
1 to 14 acres	6,401	48,661	93,541	100	442	6,883	54,050	85,657	118	486
15 to 24 acres	3,247	59,999	106,866	41	679	3,635	67,426	111,873	45	(D)
25 to 49 acres	3,518	120,403	230,008	64	1,840	4,310	147,684	257,966	65	1,229
50 to 99 acres	2,375	156,741	317,084	44	1,934	2,779	184,531	342,201	42	1,013
100 to 249 acres	1,503	214,559	465,164	43	2,486	1,626	231,391	436,238	43	2,477
250 to 499 acres	303	98,844	263,364	14	2,113	297	96,682	191,426	11	699
500 to 999 acres	69	46,101	113,148	6	957	94	58,572	128,953	13	2,700
1,000 acres or more	11	15,967	47,710	-	-	14	21,475	43,367	2	(D)
Alfalfa hay (tons, dry)	13,660	576,416	1,351,628	267	8,707	14,918	601,194	1,257,287	278	8,363
1 to 14 acres	5,182	39,430	82,104	87	420	5,494	42,856	72,642	86	405
15 to 24 acres	2,576	47,856	89,436	28	450	2,744	50,917	94,498	43	(D)
25 to 49 acres	2,735	93,858	199,556	57	1,637	3,225	110,466	216,300	53	1,095
50 to 99 acres	1,757	115,182	251,520	39	1,573	2,068	136,834	285,686	37	1,069
100 to 249 acres	1,125	158,940	364,371	40	2,238	1,167	164,446	341,235	38	2,206
250 to 499 acres	224	72,956	225,994	10	1,513	168	53,498	133,034	8	531
500 to 999 acres	52	34,587	93,796	6	876	43	27,654	86,302	12	2,577
1,000 acres or more	9	13,607	44,851	-	-	9	14,523	27,590	1	(D)
Other dry hay (tons, dry) (see text)	5,188	184,859	285,257	62	1,744	(NA)	(NA)	(NA)	(NA)	(NA)
1 to 14 acres	2,230	15,918	25,037	22	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
15 to 24 acres	917	16,605	24,068	18	316	(NA)	(NA)	(NA)	(NA)	(NA)
25 to 49 acres	998	33,733	48,334	9	161	(NA)	(NA)	(NA)	(NA)	(NA)
50 to 99 acres	615	40,730	67,938	7	448	(NA)	(NA)	(NA)	(NA)	(NA)
100 to 249 acres	353	49,087	83,658	4	298	(NA)	(NA)	(NA)	(NA)	(NA)
250 to 499 acres	63	20,657	25,556	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
500 to 999 acres	12	8,129	10,666	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
1,000 acres or more	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All haylage, grass silage, and greenchop (tons, green)	2,914	292,791	2,098,509	136	15,569	2,337	248,097	1,739,882	122	12,391
1 to 14 acres	847	5,942	13,874	18	80	521	3,865	11,991	8	48
15 to 24 acres	356	6,612	20,373	3	41	255	4,771	16,096	6	57
25 to 49 acres	474	16,151	68,463	4	120	408	14,416	81,841	8	136
50 to 99 acres	432	29,830	175,651	13	654	433	29,518	186,052	25	886
100 to 249 acres	478	73,525	518,751	38	3,406	452	67,880	433,366	33	2,100
250 to 499 acres	219	72,281	535,283	26	4,109	192	65,462	520,912	22	3,095
500 to 999 acres	85	56,950	482,765	23	4,130	61	40,170	285,390	15	2,295
1,000 acres or more	23	31,500	283,349	11	3,029	15	22,015	204,234	5	3,774
Haylage or greenchop from alfalfa or alfalfa mixtures (tons, green)	1,812	236,333	1,845,578	116	14,383	1,851	219,386	1,618,904	111	12,086
1 to 14 acres	296	2,039	6,773	6	(D)	320	2,471	6,912	3	25
15 to 24 acres	185	3,499	14,312	1	(D)	182	3,387	13,639	6	48
25 to 49 acres	313	10,938	59,303	4	120	320	11,298	68,861	8	(D)
50 to 99 acres	342	23,875	161,322	11	561	362	24,756	164,457	24	(D)
100 to 249 acres	386	59,129	466,190	38	3,230	416	62,591	412,277	28	1,815
250 to 499 acres	202	67,214	526,425	27	4,265	185	62,386	513,399	23	3,279

See footnote(s) at end of table.

--continued

Table 35. Specified Crops by Acres Harvested: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Crop	2017					2012				
	Farms	Acres	Quantity	Irrigated land		Farms	Acres	Quantity	Irrigated land	
				Farms	Acres				Farms	Acres
FIELD AND GRASS SEEDS, FORAGE, AND HAY - Con.										
All haylage, grass silage, and greenchop (tons, green) - Con.										
Haylage or greenchop from alfalfa or alfalfa mixtures (tons, green) - Con.										
500 to 999 acres	71	46,931	407,119	21	4,091	54	35,201	260,530	15	2,445
1,000 acres or more	17	22,708	204,134	8	2,059	12	17,296	178,829	4	(D)
All other haylage, grass silage, and greenchop (tons, green)										
1 to 14 acres	612	(D)	8,544	13	(D)	251	(D)	(D)	6	36
15 to 24 acres	216	4,030	(D)	1	(D)	103	1,955	6,207	-	-
25 to 49 acres	209	6,818	17,046	4	87	124	4,380	22,073	5	83
50 to 99 acres	127	8,402	33,176	6	252	77	5,192	24,941	2	(D)
100 to 249 acres	107	15,906	64,286	5	535	40	5,591	19,650	2	(D)
250 to 499 acres	25	8,506	42,473	1	(D)	13	4,543	23,793	-	-
500 to 999 acres	10	5,804	51,712	1	(D)	5	3,781	13,307	-	-
1,000 acres or more	2	(D)	(D)	-	-	1	(D)	(D)	-	-
OTHER SPECIFIED CROPS										
Land in vegetables (see text)										
0.1 to 0.9 acres	737	346	(X)	292	(D)	507	206	(X)	163	(D)
1.0 to 4.9 acres	1,219	2,456	(X)	523	885	1,198	2,535	(X)	471	782
5.0 to 14.9 acres	401	3,352	(X)	162	1,068	541	4,447	(X)	222	1,239
15.0 to 24.9 acres	153	2,787	(X)	68	949	151	2,870	(X)	66	(D)
25.0 to 49.9 acres	127	4,312	(X)	65	1,741	164	5,622	(X)	77	1,735
50.0 to 99.9 acres	128	8,771	(X)	63	3,316	137	9,676	(X)	60	3,326
100.0 to 249.9 acres	135	21,116	(X)	78	9,970	137	20,866	(X)	76	8,701
250.0 to 499.9 acres	72	25,666	(X)	52	14,727	79	25,908	(X)	51	13,473
500.0 to 749.9 acres	34	20,721	(X)	27	11,550	32	19,281	(X)	22	10,935
750.0 to 999.9 acres	13	11,099	(X)	11	(D)	9	7,624	(X)	8	(D)
1,000.0 acres or more	28	60,298	(X)	25	51,657	25	57,173	(X)	22	46,203
1,000.0 to 1,999.9 acres	17	22,120	(X)	14	15,642	16	(D)	(X)	13	(D)
2,000.0 to 2,999.9 acres	4	9,301	(X)	4	7,414	1	(D)	(X)	1	(D)
3,000.0 to 4,999.9 acres	6	(D)	(X)	6	(D)	7	24,739	(X)	7	24,297
5,000.0 acres or more	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
Land in orchards ¹ (see text)										
0.1 to 0.9 acres	448	163	(X)	65	18	201	89	(X)	52	20
1.0 to 4.9 acres	931	1,874	(X)	163	316	775	1,684	(X)	162	279
5.0 to 14.9 acres	460	3,693	(X)	97	710	542	4,422	(X)	90	565
15.0 to 24.9 acres	111	2,098	(X)	15	234	186	3,520	(X)	29	391
25.0 to 49.9 acres	177	6,374	(X)	48	984	290	9,810	(X)	53	1,196
50.0 to 99.9 acres	146	9,866	(X)	51	2,025	218	15,368	(X)	50	1,585
100.0 to 249.9 acres	191	29,399	(X)	52	3,624	197	29,645	(X)	57	3,681
250.0 to 499.9 acres	56	18,474	(X)	20	2,281	61	20,254	(X)	23	1,822
500.0 to 749.9 acres	22	12,944	(X)	11	2,741	20	12,010	(X)	8	1,414
750.0 to 999.9 acres	6	5,117	(X)	4	(D)	6	5,315	(X)	2	(D)
1,000.0 acres or more	4	8,218	(X)	3	(D)	6	9,256	(X)	4	(D)
Land in berries (see text)										
0.1 to 0.9 acres	575	156	(X)	189	46	475	141	(X)	164	47
1.0 to 4.9 acres	504	982	(X)	213	402	470	931	(X)	192	371
5.0 to 14.9 acres	218	1,761	(X)	109	807	238	1,993	(X)	133	983
15.0 to 24.9 acres	98	1,796	(X)	65	1,093	87	1,622	(X)	49	771
25.0 to 49.9 acres	74	2,556	(X)	61	1,766	73	2,578	(X)	56	1,740
50.0 to 99.9 acres	52	3,435	(X)	46	2,697	52	3,603	(X)	39	2,265
100.0 acres or more	45	14,321	(X)	33	11,443	49	12,521	(X)	42	10,271

¹ Data for 2012 exclude pineapples.

Table 36. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Crop	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Vegetables harvested for sale (see text)	3,047	165,620	2,808	63,867	631	101,754	2,980	158,661
0.1 to 0.9 acres	672	321	651	301	71	20	487	206
1.0 to 4.9 acres	1,233	2,574	1,198	2,362	188	211	1,208	2,588
5.0 to 14.9 acres	443	3,653	428	3,359	74	294	540	4,465
15.0 to 24.9 acres	155	2,870	148	2,683	20	187	158	3,014
25.0 to 49.9 acres	127	4,257	104	3,398	33	859	168	5,796
50.0 to 99.9 acres	133	9,142	102	6,542	54	2,600	137	9,723
100.0 to 249.9 acres	137	21,638	92	11,959	78	9,679	133	20,473
250.0 to 499.9 acres	72	25,733	42	11,033	51	14,700	80	26,297
500.0 to 749.9 acres	29	17,611	19	8,360	23	9,251	33	19,646
750.0 to 999.9 acres	17	14,498	10	5,395	14	9,103	11	9,260
1,000.0 acres or more	29	63,325	14	8,475	25	54,850	25	57,193
1,000.0 to 1,999.9 acres	18	23,606	10	(D)	14	(D)	15	21,182
2,000.0 to 2,999.9 acres	3	6,785	1	(D)	3	(D)	2	(D)
3,000.0 to 4,999.9 acres	6	(D)	2	(D)	6	(D)	7	24,739
5,000.0 acres or more	2	(D)	1	(D)	2	(D)	1	(D)
Artichokes (excluding Jerusalem)	4	(Z)	4	(Z)	-	-	-	-
Asparagus, bearing age	415	12,285	368	7,634	96	4,651	287	9,405
0.1 to 0.9 acres	190	43	172	(D)	18	(D)	74	22
1.0 to 4.9 acres	92	197	89	184	7	13	75	177
5.0 to 14.9 acres	32	278	27	(D)	7	(D)	36	343
15.0 to 24.9 acres	21	411	16	(D)	5	(D)	18	342
25.0 to 49.9 acres	14	478	12	335	9	143	23	853
50.0 to 99.9 acres	25	1,810	14	796	20	1,014	39	2,647
100.0 acres or more	41	9,068	38	5,740	30	3,328	22	5,022
Beans, lima (see text)	31	9	26	7	5	1	10	(D)
Beans, snap (bush and pole)	844	12,706	751	1,485	120	11,220	974	14,903
0.1 to 0.9 acres	639	(D)	600	132	59	(D)	696	160
1.0 to 4.9 acres	112	205	112	200	5	5	155	278
5.0 to 14.9 acres	26	192	25	(D)	1	(D)	38	341
15.0 to 24.9 acres	2	(D)	2	(D)	-	-	5	93
25.0 to 49.9 acres	7	243	5	(D)	2	(D)	9	303
50.0 to 99.9 acres	15	1,186	4	236	13	950	20	1,450
100.0 to 249.9 acres	26	3,763	3	549	23	3,213	36	5,666
250.0 to 499.9 acres	14	4,754	-	-	14	4,754	11	3,399
500.0 acres or more	3	2,191	-	-	3	2,191	4	3,212
Beets	424	872	386	791	46	80	134	429
Broccoli	443	329	415	295	34	35	158	327
Brussels sprouts	212	69	201	66	13	3	40	34
Cabbage, Chinese (nappa, bok choy, etc.)	171	135	162	130	13	5	22	34
Cabbage, head	505	4,045	466	3,044	50	1,001	224	2,960
Cabbage, mustard	19	3	19	3	(X)	(X)	-	-
Cantaloupes and muskmelons	345	520	335	513	23	7	205	469
Carrots	450	3,473	410	825	60	2,648	145	4,065
0.1 to 0.9 acres	375	74	349	66	43	8	97	17
1.0 to 4.9 acres	46	69	46	(D)	1	(D)	19	23
5.0 to 14.9 acres	6	50	6	50	-	-	4	37
15.0 to 24.9 acres	1	(D)	1	(D)	-	-	2	(D)
25.0 to 49.9 acres	6	220	4	(D)	2	(D)	4	150
50.0 to 99.9 acres	8	552	1	(D)	7	(D)	7	476
100.0 to 249.9 acres	3	499	2	(D)	3	(D)	7	1,057
250.0 to 499.9 acres	3	921	1	(D)	2	(D)	2	(D)
500.0 acres or more	2	(D)	-	-	2	(D)	3	1,595
Cauliflower	231	228	222	176	13	52	79	233
Celery	83	2,078	73	1,137	21	941	29	1,534
0.1 to 0.9 acres	59	7	55	7	4	(Z)	(NA)	(NA)
1.0 to 4.9 acres	1	(D)	1	(D)	-	-	(NA)	(NA)
5.0 to 14.9 acres	2	(D)	2	(D)	-	-	(NA)	(NA)
15.0 to 24.9 acres	-	-	-	-	-	-	(NA)	(NA)
25.0 to 49.9 acres	-	-	-	-	-	-	(NA)	(NA)
50.0 to 99.9 acres	13	972	9	(D)	10	(D)	(NA)	(NA)
100.0 to 249.9 acres	7	827	5	(D)	6	(D)	(NA)	(NA)
250.0 to 499.9 acres	1	(D)	1	(D)	1	(D)	(NA)	(NA)
500.0 acres or more	-	-	-	-	-	-	(NA)	(NA)
Chicory	4	(Z)	4	(Z)	(X)	(X)	-	-
Collards	141	155	138	149	6	6	31	97
Cucumbers and pickles	822	34,409	711	5,144	140	29,265	436	31,832
0.1 to 0.9 acres	622	119	578	110	65	8	242	63
1.0 to 4.9 acres	96	169	96	(D)	1	(D)	87	163
5.0 to 14.9 acres	10	(D)	7	(D)	4	(D)	10	64
15.0 to 24.9 acres	1	(D)	1	(D)	-	-	10	188
25.0 to 49.9 acres	23	762	7	278	16	484	10	353
50.0 to 99.9 acres	10	729	6	429	4	300	16	1,187
100.0 to 249.9 acres	22	3,661	6	930	16	2,731	26	4,070
250.0 to 499.9 acres	19	7,067	8	1,759	16	5,308	18	6,236
500.0 acres or more	19	21,795	2	(D)	18	(D)	17	19,509
Daikon	50	32	48	(D)	2	(D)	-	-
Eggplant	326	196	312	194	18	2	121	205
Escarole and endive	28	6	28	6	(X)	(X)	1	(D)

--continued

Table 36. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Crop	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Garlic	365	101	332	87	54	15	112	71
Ginger root (see text)	6	1	6	1	-	-	(NA)	(NA)
Ginseng	-	-	-	-	-	-	1	(D)
Herbs, fresh cut	356	159	356	159	(X)	(X)	81	195
Honeydew melons	77	(D)	77	(D)	(X)	(X)	30	32
Horseradish	26	3	18	2	8	1	5	2
Kale	447	342	426	335	28	7	86	86
Lettuce, all	495	1,027	495	1,027	(X)	(X)	172	927
Lettuce, head	195	(D)	195	(D)	(X)	(X)	45	(D)
Lettuce, leaf	392	199	392	199	(X)	(X)	127	395
Lettuce, romaine	172	(D)	172	(D)	(X)	(X)	33	(D)
Mustard greens	128	103	123	102	6	1	22	95
Okra	76	25	76	23	3	2	22	9
Onions, dry	447	2,495	424	2,490	29	5	172	3,209
0.1 to 0.9 acres	366	81	343	(D)	27	(D)	96	20
1.0 to 4.9 acres	50	72	50	(D)	2	(D)	36	(D)
5.0 to 14.9 acres	5	(D)	5	(D)	-	-	7	56
15.0 to 24.9 acres	4	74	4	74	-	-	4	78
25.0 to 49.9 acres	3	94	3	94	-	-	9	299
50.0 to 99.9 acres	9	578	9	578	-	-	7	555
100.0 to 249.9 acres	9	1,221	9	1,221	-	-	11	1,462
250.0 to 499.9 acres	1	(D)	1	(D)	-	-	2	(D)
500.0 acres or more	-	-	-	-	-	-	-	-
Onions, green	290	60	270	57	24	3	62	18
Parsley	123	102	115	101	8	1	20	112
Peas, Chinese (sugar, snow)	165	(D)	152	31	13	(D)	54	14
Peas, green (see text)	239	3,072	208	64	33	3,008	74	3,698
Peas, southern (cowpeas) - blackeyed, crowder, etc. (see text)	13	11	13	(D)	1	(D)	2	(D)
Peppers, Bell (excluding pimientos)	808	1,876	768	1,853	71	24	925	1,724
0.1 to 0.9 acres	647	121	609	115	55	6	700	161
1.0 to 4.9 acres	133	226	131	209	16	17	185	303
5.0 to 14.9 acres	12	82	12	82	-	-	24	171
15.0 to 24.9 acres	3	53	3	53	-	-	7	(D)
25.0 to 49.9 acres	4	134	4	134	-	-	2	(D)
50.0 to 99.9 acres	6	410	6	410	-	-	4	269
100.0 acres or more	3	850	3	850	-	-	3	625
Peppers, other than Bell (including chile)	485	902	436	588	56	314	587	1,197
Potatoes	761	50,511	695	10,064	107	40,447	934	46,662
0.1 to 0.9 acres	497	124	467	117	40	7	583	160
1.0 to 4.9 acres	146	251	144	243	9	8	222	(D)
5.0 to 14.9 acres	35	247	34	204	8	43	23	179
15.0 to 24.9 acres	-	-	-	-	-	-	11	203
25.0 to 49.9 acres	8	281	5	151	4	130	13	426
50.0 to 99.9 acres	10	729	7	485	5	244	22	1,656
100.0 to 249.9 acres	28	4,276	21	2,723	10	1,553	26	3,604
250.0 to 499.9 acres	17	5,699	7	1,433	15	4,266	15	4,439
500.0 to 749.9 acres	6	(D)	4	1,976	3	(D)	7	4,265
750.0 to 999.9 acres	1	(D)	-	-	1	(D)	1	(D)
1,000.0 acres or more	13	34,646	6	2,732	12	31,913	11	30,570
Pumpkins	983	5,123	959	4,972	51	151	1,182	5,997
0.1 to 0.9 acres	401	102	382	98	27	5	(NA)	(NA)
1.0 to 4.9 acres	350	734	347	710	17	24	(NA)	(NA)
5.0 to 14.9 acres	146	1,126	146	1,110	4	16	(NA)	(NA)
15.0 to 24.9 acres	45	806	45	806	-	-	(NA)	(NA)
25.0 to 49.9 acres	25	770	25	(D)	1	(D)	(NA)	(NA)
50.0 to 99.9 acres	11	656	9	(D)	2	(D)	(NA)	(NA)
100.0 acres or more	5	928	5	928	-	-	(NA)	(NA)
Radishes	270	1,183	249	(D)	21	(D)	39	1,114
Rhubarb	220	126	197	119	28	7	65	65
Spinach	277	43	257	41	21	2	47	280
Squash, all	1,100	9,178	1,029	5,778	95	3,400	616	7,437
0.1 to 0.9 acres	719	190	(NA)	(NA)	(NA)	(NA)	289	88
1.0 to 4.9 acres	236	478	(NA)	(NA)	(NA)	(NA)	197	383
5.0 to 14.9 acres	70	553	(NA)	(NA)	(NA)	(NA)	61	479
15.0 to 24.9 acres	7	135	(NA)	(NA)	(NA)	(NA)	10	205
25.0 to 49.9 acres	19	565	(NA)	(NA)	(NA)	(NA)	22	781
50.0 to 99.9 acres	19	1,233	(NA)	(NA)	(NA)	(NA)	17	1,206
100.0 acres or more	30	6,022	(NA)	(NA)	(NA)	(NA)	20	4,296
Squash, summer	722	3,347	680	2,436	54	911	331	3,116
Squash, winter	799	5,831	744	3,342	65	2,489	430	4,321

--continued

Table 36. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Crop	2017						2012 total harvested	
	Total harvested		Harvested for fresh market		Harvested for processing			
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Sweet corn	835	8,466	792	8,237	79	229	1,075	10,192
0.1 to 0.9 acres	332	87	295	(D)	50	(D)	444	133
1.0 to 4.9 acres	263	516	258	495	18	21	354	752
5.0 to 14.9 acres	116	972	115	955	6	17	143	1,222
15.0 to 24.9 acres	37	653	37	653	-	-	48	865
25.0 to 49.9 acres	60	2,058	60	2,047	3	11	54	1,747
50.0 to 99.9 acres	14	874	14	874	-	-	18	1,136
100.0 acres or more	13	3,308	13	(D)	2	(D)	14	4,337
Sweet potatoes	70	(D)	68	(D)	3	1	40	219
Tomatoes in the open	1,216	5,102	1,145	2,164	125	2,938	1,413	5,959
0.1 to 0.9 acres	892	217	838	197	88	20	932	261
1.0 to 4.9 acres	264	470	257	448	22	22	393	728
5.0 to 14.9 acres	37	228	37	(D)	4	(D)	63	476
15.0 to 24.9 acres	4	(D)	4	(D)	-	-	5	(D)
25.0 to 49.9 acres	2	(D)	2	(D)	-	-	3	130
50.0 to 99.9 acres	5	356	2	(D)	3	(D)	2	(D)
100.0 acres or more	12	3,663	5	1,001	8	2,662	15	4,144
Turnip greens	83	88	80	88	3	(Z)	21	97
Turnips	161	778	149	(D)	13	(D)	35	1,183
Watercress	5	14	5	14	(X)	(X)	2	(D)
Watermelons	400	1,340	384	1,335	17	5	229	765
Other vegetables (see text)	203	1,016	196	1,002	12	14	248	558

Table 37. Specified Fruits and Nuts by Acres: 2017 and 2012

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Crop	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
Noncitrus fruit, all (see text) .....2017	2,376	97,090	1,925	81,463	1,370	15,627
.....2012	2,394	110,163	2,056	92,899	1,372	17,264
Apples .....2017	1,551	38,563	1,239	32,941	816	5,623
.....2012	1,584	43,240	1,299	37,575	861	5,665
2017 acres:						
0.1 to 0.9 acres	442	150	277	88	221	63
1.0 to 4.9 acres	500	986	405	671	246	315
5.0 to 14.9 acres	242	1,982	194	1,358	110	624
15.0 to 24.9 acres	66	1,251	66	1,102	30	149
25.0 to 49.9 acres	96	3,341	92	2,884	51	457
50.0 to 99.9 acres	89	5,990	89	5,364	58	626
100.0 acres or more	116	24,864	116	21,474	100	3,390
100.0 to 249.9 acres	90	13,312	90	11,827	75	1,485
250.0 to 499.9 acres	19	6,877	19	5,862	18	1,015
500.0 to 749.9 acres	5	(D)	5	(D)	5	(D)
750.0 to 999.9 acres	2	(D)	2	(D)	2	(D)
1,000.0 acres or more	-	-	-	-	-	-
2012 acres:						
0.1 to 0.9 acres	297	112	174	64	177	48
1.0 to 4.9 acres	497	1,061	388	741	237	320
5.0 to 14.9 acres	313	2,467	272	1,918	147	549
15.0 to 24.9 acres	121	2,300	114	1,930	63	370
25.0 to 49.9 acres	136	4,784	133	4,227	69	557
50.0 to 99.9 acres	102	7,126	101	6,057	71	1,069
100.0 acres or more	118	25,390	117	22,638	97	2,752
100.0 to 249.9 acres	93	13,801	92	12,166	74	1,635
250.0 to 499.9 acres	16	5,573	16	5,094	14	480
500.0 to 749.9 acres	6	3,496	6	(D)	6	(D)
750.0 to 999.9 acres	3	2,520	3	(D)	3	(D)
1,000.0 acres or more	-	-	-	-	-	-
Apricots .....2017	65	70	39	49	33	21
.....2012	41	48	32	39	13	9
Cherries, sweet .....2017	495	7,807	375	6,701	265	1,106
.....2012	639	9,158	503	7,674	314	1,484
2017 acres:						
0.1 to 0.9 acres	173	45	81	(D)	102	(D)
1.0 to 4.9 acres	99	224	76	164	44	60
5.0 to 14.9 acres	82	685	77	530	43	155
15.0 to 24.9 acres	47	913	47	752	24	161
25.0 to 49.9 acres	54	1,814	54	(D)	27	(D)
50.0 to 99.9 acres	27	1,826	27	1,636	14	189
100.0 acres or more	13	2,302	13	1,986	11	316
100.0 to 249.9 acres	12	(D)	12	(D)	10	(D)
250.0 to 499.9 acres	1	(D)	1	(D)	1	(D)
500.0 acres or more	-	-	-	-	-	-
2012 acres:						
0.1 to 0.9 acres	186	52	83	25	115	27
1.0 to 4.9 acres	153	326	133	273	48	53
5.0 to 14.9 acres	120	(D)	113	878	43	(D)
15.0 to 24.9 acres	71	1,382	67	1,161	33	221
25.0 to 49.9 acres	61	2,061	59	1,741	35	321
50.0 to 99.9 acres	38	2,658	38	(D)	33	(D)
100.0 acres or more	10	(D)	10	(D)	7	269
100.0 to 249.9 acres	10	(D)	10	(D)	7	269
250.0 to 499.9 acres	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-
Cherries, tart .....2017	546	33,381	464	26,084	322	7,296
.....2012	674	36,951	567	28,856	373	8,094
2017 acres:						
0.1 to 0.9 acres	168	40	100	24	78	16
1.0 to 4.9 acres	36	77	30	60	10	17
5.0 to 14.9 acres	72	700	66	562	27	138
15.0 to 24.9 acres	35	671	34	503	21	169
25.0 to 49.9 acres	69	2,385	68	1,911	45	474
50.0 to 99.9 acres	74	5,296	74	4,238	61	1,058
100.0 acres or more	92	24,212	92	18,787	80	5,425
100.0 to 249.9 acres	69	10,292	69	8,493	60	1,799
250.0 to 499.9 acres	14	4,480	14	3,239	11	1,241
500.0 acres or more	9	9,440	9	7,055	9	2,385
2012 acres:						
0.1 to 0.9 acres	136	29	68	16	76	13
1.0 to 4.9 acres	66	135	52	100	24	35
5.0 to 14.9 acres	104	926	97	744	34	181
15.0 to 24.9 acres	80	1,548	71	1,257	30	291
25.0 to 49.9 acres	101	3,484	96	2,937	56	547
50.0 to 99.9 acres	91	6,130	88	4,984	65	1,147
100.0 acres or more	96	24,699	95	18,819	88	5,879
100.0 to 249.9 acres	71	11,030	70	8,513	64	2,517
250.0 to 499.9 acres	18	5,890	18	(D)	17	(D)
500.0 acres or more	7	7,779	7	(D)	7	(D)
Grapes .....2017	791	13,127	597	12,296	367	830
.....2012	745	15,037	604	13,917	303	1,120
2017 acres:						
0.1 to 0.9 acres	267	74	162	46	136	28
1.0 to 4.9 acres	250	564	168	333	142	231
5.0 to 14.9 acres	126	1,057	122	922	47	135
15.0 to 24.9 acres	41	800	38	717	7	83
25.0 to 49.9 acres	46	1,621	46	1,564	12	57
50.0 to 99.9 acres	31	2,108	31	2,020	13	88
100.0 acres or more	30	6,902	30	6,694	10	208
100.0 to 249.9 acres	22	3,192	22	(D)	8	(D)
250.0 to 499.9 acres	6	(D)	6	(D)	2	(D)
500.0 acres or more	2	(D)	2	(D)	-	-

--continued

Table 37. Specified Fruits and Nuts by Acres: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Crop	Total		Bearing age acres		Nonbearing age acres		
	Farms	Acres	Farms	Acres	Farms	Acres	
Noncitrus fruit, all (see text) - Con.							
Grapes - Con.							
2012 acres:							
0.1 to 0.9 acres	183	49	97	23	105	26	
1.0 to 4.9 acres	196	413	156	297	94	116	
5.0 to 14.9 acres	167	1,413	155	1,172	51	241	
15.0 to 24.9 acres	54	1,005	51	877	13	128	
25.0 to 49.9 acres	84	2,754	84	2,637	23	117	
50.0 to 99.9 acres	34	2,339	34	2,286	6	53	
100.0 acres or more	27	7,065	27	6,626	11	439	
100.0 to 249.9 acres	19	3,098	19	(D)	9	(D)	
250.0 to 499.9 acres	6	(D)	6	(D)	2	(D)	
500.0 acres or more	2	(D)	2	(D)	-	-	
Nectarines	2017	44	40	31	37	18	4
2012	25	32	18	26	9	6	
Peaches, all	2017	477	2,863	352	2,367	220	497
2012	607	4,002	434	3,419	313	583	
2017 acres:							
0.1 to 0.9 acres	230	58	132	(D)	110	(D)	
1.0 to 4.9 acres	126	257	100	197	52	60	
5.0 to 14.9 acres	72	621	71	536	30	84	
15.0 to 24.9 acres	18	339	18	307	7	32	
25.0 to 49.9 acres	20	653	20	540	13	113	
50.0 to 99.9 acres	8	562	8	436	6	126	
100.0 acres or more	3	374	3	(D)	2	(D)	
2012 acres:							
0.1 to 0.9 acres	241	67	117	36	146	31	
1.0 to 4.9 acres	195	398	154	301	73	97	
5.0 to 14.9 acres	87	739	80	613	45	126	
15.0 to 24.9 acres	39	(D)	38	(D)	22	(D)	
25.0 to 49.9 acres	25	820	25	749	13	72	
50.0 to 99.9 acres	18	1,070	18	930	13	140	
100.0 acres or more	2	(D)	2	(D)	1	(D)	
Peaches, clingstone	2017	158	897	114	737	57	160
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Peaches, freestone	2017	354	1,967	265	1,630	173	337
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Pears, all	2017	417	699	250	584	207	115
2012	422	946	267	825	194	121	
Pears, Bartlett	2017	242	459	153	413	110	47
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Pears, other than Bartlett	2017	267	239	150	171	142	68
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Persimmons	2017	17	6	1	(D)	16	(D)
2012	1	(D)	-	-	1	(D)	
Plums and prunes	2017	265	525	164	399	150	126
2012	286	729	187	559	149	170	
Plums	2017	263	456	162	(D)	149	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Prunes	2017	11	69	7	(D)	9	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Other noncitrus fruit (see text)	2017	7	10	5	(D)	5	(D)
2012	21	(D)	9	10	14	(D)	
Nuts, all	2017	302	1,130	156	614	195	516
2012	195	1,210	116	755	123	454	
Almonds	2017	-	-	-	-	-	-
2012	6	2	4	(D)	2	(D)	
Chestnuts	2017	143	675	70	360	94	316
2012	115	617	79	442	54	175	
Hazelnuts (Filberts)	2017	90	60	31	28	62	32
2012	28	133	11	(D)	19	(D)	
Pecans, all	2017	12	3	3	1	9	2
2012	10	5	5	3	5	1	
Pecans, improved	2017	12	3	3	1	9	2
2012	6	3	2	(D)	4	(D)	
Pecans, native and seedling	2017	-	-	-	-	-	-
2012	4	1	3	(D)	1	(D)	
Walnuts, English	2017	83	116	40	53	49	63
2012	47	239	19	141	33	99	
Other nuts (see text)	2017	62	275	43	173	32	103
2012	59	214	30	(D)	47	(D)	

Table 38. Berries by Acres: 2017

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Crop	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
Aronia berries (see text)	25	29	19	13	7	16
Blackberries and dewberries (including marionberries)	200	152	155	120	83	33
Blueberries, all (see text)	787	22,959	693	20,228	297	2,731
Blueberries, tame	785	(D)	691	(D)	297	2,731
0.1 to 0.9 acres	195	(D)	137	(D)	88	19
1.0 to 4.9 acres	202	435	176	367	56	68
5.0 to 14.9 acres	141	1,139	138	973	42	166
15.0 to 24.9 acres	80	1,480	76	1,284	24	197
25.0 to 49.9 acres	73	2,518	70	1,957	36	561
50.0 to 99.9 acres	50	3,277	50	2,985	24	292
100.0 acres or more	44	14,042	44	12,614	27	1,428
Blueberries, wild	2	(D)	2	(D)	-	-
Cranberries	15	322	7	288	12	33
Currants (black or red)	59	31	42	23	24	8
Elderberries (see text)	23	7	18	4	7	3
Loganberries	4	1	4	1	4	(Z)
Raspberries, all	518	532	414	410	166	123
Raspberries, black	119	82	100	54	27	28
Raspberries, red	452	425	357	339	140	87
Raspberries, other (see text)	44	25	32	17	17	8
Strawberries	383	870	335	738	128	132
0.1 to 0.9 acres	223	(D)	184	(D)	62	(D)
1.0 to 4.9 acres	102	206	93	167	37	39
5.0 to 14.9 acres	46	367	46	324	22	43
15.0 to 24.9 acres	11	201	11	170	6	31
25.0 to 49.9 acres	1	(D)	1	(D)	1	(D)
50.0 to 99.9 acres	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-
Other berries (see text)	70	103	43	42	39	62

Table 39. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012

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

Crop	Under glass or other protection		In the open		Value of sales		
	Farms	Square feet	Farms	Acres	Farms	Dollars	
FLORICULTURE AND BEDDING CROPS							
Bedding/Garden plants, cut flowers and cut florist greens, foliage plants, potted flowering plants, and other floriculture and bedding crops, total	2017 2012	887 977	55,252,349 59,025,497	584 584	2,055 2,325	1,194 1,286	458,875,278 469,485,381
Bedding/Garden plants - annuals, herbaceous perennials, vegetable plants (include hanging baskets)	2017 2012	727 873	47,868,358 51,075,210	314 363	551 850	868 1,043	387,594,834 405,029,531
Cut flowers and cut florist greens	2017 2012	102 51	197,110 111,448	246 184	1,275 1,258	296 214	9,739,698 7,102,004
Foliage plants, indoor (include hanging baskets)	2017 2012	100 90	1,383,142 920,840	24 22	16 27	121 107	11,701,653 5,684,365
Potted flowering plants	2017 2012	207 188	5,612,679 6,761,260	67 55	159 159	260 230	48,898,383 50,788,484
Other floriculture and bedding crops (see text)	2017 2012	21 31	191,060 156,739	30 29	54 32	49 56	940,710 880,997
NURSERY CROPS							
Nursery stock crops (see text)	2017 2012	114 161	15,157,205 13,660,430	516 810	13,754 17,472	563 867	159,976,625 177,990,951
Aquatic plants	2017 2012	16 12	20,474 100,880	6 12	5 28	20 18	141,849 276,434
PROPAGATIVE MATERIALS SOLD							
Bulbs, corms, rhizomes, and tubers - dry	2017 2012	20 11	167,749 336,058	37 30	370 281	54 39	(D) 8,426,165
Cuttings, seedlings, liners, and plugs (see text)	2017 2012	51 64	4,540,615 3,720,927	22 15	118 97	66 73	85,624,392 50,256,225
Flower seeds	2017 2012	11 11	3,322 17,685	14 11	177 71	25 20	376,258 273,860
Tobacco transplants to farm fields	2017 2012	- -	- -	- 1	- (D)	- 1	- (D)
Vegetable seeds	2017 2012	28 17	12,416 20,644	15 21	20 25	42 32	68,843 78,708
Vegetable transplants to farm fields	2017 2012	112 102	1,500,057 1,084,646	39 26	110 97	134 108	5,813,313 4,205,048
SOD							
Sod harvested	2017 2012	(X) (X)	(X) (X)	41 44	6,244 6,057	41 43	18,683,640 16,320,504
2017 farms by area:							
0.1 to 14.9 acres		(X)	(X)	7	(D)	7	39,000
15.0 to 49.9 acres		(X)	(X)	6	190	6	(D)
50.0 to 99.9 acres		(X)	(X)	3	225	3	650,000
100.0 to 249.9 acres		(X)	(X)	13	2,091	13	5,756,540
250.0 to 399.9 acres		(X)	(X)	10	2,885	10	9,571,600
400.0 to 749.9 acres		(X)	(X)	2	(D)	2	(D)
750.0 acres or more		(X)	(X)	-	-	-	-
FOOD CROPS GROWN UNDER GLASS OR OTHER PROTECTION							
Total greenhouse vegetables and fresh cut herbs (see text)	2017 2012	494 341	2,131,084 1,331,275	(X) (X)	(X) (X)	494 341	8,616,019 4,632,778
2017 farms by area:							
1 to 999 square feet		150	56,218	(X)	(X)	150	299,079
1,000 to 1,999 square feet		84	113,108	(X)	(X)	84	1,349,187
2,000 to 2,999 square feet		81	193,476	(X)	(X)	81	920,964
3,000 to 3,999 square feet		58	188,316	(X)	(X)	58	740,351
4,000 to 5,999 square feet		32	156,944	(X)	(X)	32	727,769
6,000 to 9,999 square feet		49	364,090	(X)	(X)	49	1,705,360
10,000 or more square feet		40	1,058,932	(X)	(X)	40	2,873,309
10,000 to 19,999 square feet		23	329,200	(X)	(X)	23	1,272,552
20,000 to 39,999 square feet		13	338,222	(X)	(X)	13	1,136,666
40,000 or more square feet		4	391,510	(X)	(X)	4	464,091
Greenhouse tomatoes	2017 2012	370 242	823,593 570,187	(X) (X)	(X) (X)	367 242	4,805,058 2,525,444
2017 farms by area:							
1 to 999 square feet		161	61,598	(X)	(X)	161	437,588
1,000 to 1,999 square feet		82	110,058	(X)	(X)	82	840,777
2,000 to 2,999 square feet		46	110,626	(X)	(X)	43	608,449
3,000 to 3,999 square feet		26	83,976	(X)	(X)	26	569,344
4,000 to 5,999 square feet		26	121,683	(X)	(X)	26	733,624
6,000 to 9,999 square feet		19	143,152	(X)	(X)	19	1,055,776
10,000 or more square feet		10	192,500	(X)	(X)	10	559,500
Other greenhouse vegetables and fresh cut herbs (see text)	2017 2012	366 228	1,307,491 761,088	(X) (X)	(X) (X)	366 228	3,810,961 2,107,334
Greenhouse fruits and berries (see text)	2017 2012	41 15	296,348 68,981	(X) (X)	(X) (X)	41 15	(D) (D)

--continued

Table 39. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012 (continued)

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

Crop	Under glass or other protection		In the open		Value of sales	
	Farms	Square feet	Farms	Acres	Farms	Dollars
MUSHROOM CROPS						
Mushrooms (see text)	43	115,541	(X)	(X)	41	3,333,326
.....2017			(X)	(X)	10	11,502
.....2012	10	10,954				

Table 40. Woodland Crops Sales: 2017 and 2012

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

Crop	Acres in production		Trees cut		Irrigated		Value of sales (\$1,000)
	Farms	Acres	Farms	Number	Farms	Acres	
Cultivated Christmas trees (see text)	1,233	36,986	774	1,551,185	112	5,678	28,732
.....2017							(NA)
.....2012	1,077	37,908	746	1,739,538	123	5,089	
2017 farms by acres in production:							
1 to 2 acres	184	279	84	2,912	5	5	78
3 to 4 acres	139	469	75	7,378	5	19	169
5 to 9 acres	263	1,566	130	13,349	27	114	357
10 to 19 acres	271	3,236	179	101,647	20	194	2,508
20 to 49 acres	224	6,414	156	102,977	28	439	2,913
50 to 99 acres	103	6,870	101	198,151	5	195	5,446
100 acres or more	49	18,152	49	1,124,771	22	4,712	17,262
2012 farms by acres in production:							
1 to 2 acres	132	194	89	3,808	11	12	(NA)
3 to 4 acres	120	420	59	2,280	14	22	(NA)
5 to 9 acres	212	1,296	125	16,102	15	59	(NA)
10 to 19 acres	256	3,270	171	53,912	22	192	(NA)
20 to 49 acres	240	6,744	185	117,015	29	352	(NA)
50 to 99 acres	62	4,031	62	73,996	7	176	(NA)
100 acres or more	55	21,953	55	1,472,425	25	4,276	(NA)
Crop	Acres in production		Harvested		Irrigated		Value of sales (\$1,000)
	Farms	Acres	Farms	Acres	Farms	Acres	
Short rotation woody crops (see text)	2	(D)	-	-	2	(D)	-
.....2017							(NA)
.....2012	232	4,398	101	629	27	123	
2017 farms by acres in production:							
1 to 9 acres	2	(D)	-	-	2	(D)	-
10 to 49 acres	-	-	-	-	-	-	-
50 to 99 acres	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
2012 farms by acres in production:							
1 to 9 acres	101	351	36	(D)	13	(D)	(NA)
10 to 49 acres	106	2,010	53	336	13	87	(NA)
50 to 99 acres	22	1,447	11	183	1	(D)	(NA)
100 to 249 acres	2	(D)	-	-	-	-	(NA)
250 to 499 acres	1	(D)	1	(D)	-	-	(NA)
500 acres or more	-	-	-	-	-	-	(NA)
Crop	Taps set		Syrup produced		Value of sales (\$1,000)		
	Farms	Number	Farms	Gallons			
Maple syrup	875	664,289	875	175,519	6,254		
.....2017					(NA)		
.....2012	648	433,516	648	69,017			
2017 farms by number of taps:							
1 to 99 taps	364	12,087	364	2,595	117		
100 to 499 taps	266	56,486	266	10,421	441		
500 to 999 taps	108	71,961	108	13,254	538		
1,000 to 1,999 taps	63	81,566	63	16,347	685		
2,000 to 2,999 taps	21	49,700	21	15,826	615		
3,000 to 4,999 taps	24	93,500	24	27,440	868		
5,000 to 9,999 taps	18	126,200	18	34,775	1,269		
10,000 taps or more	11	172,789	11	54,861	1,723		
2012 farms by number of taps:							
1 to 99 taps	217	8,635	217	1,748	(NA)		
100 to 499 taps	228	52,836	228	9,131	(NA)		
500 to 999 taps	84	56,283	84	9,859	(NA)		
1,000 to 1,999 taps	71	87,290	71	13,740	(NA)		
2,000 to 2,999 taps	24	56,602	24	9,486	(NA)		
3,000 to 4,999 taps	10	36,600	10	5,291	(NA)		
5,000 to 9,999 taps	10	68,840	10	9,242	(NA)		
10,000 taps or more	4	66,430	4	10,520	(NA)		

Table 41. Farms by Concentration of Market Value of Agricultural Products Sold: 2017

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

Characteristics	All farms	Fewest number of farms accounting for-			
		10 percent of sales	25 percent of sales	50 percent of sales	75 percent of sales
Farms .....number	47,641	19	117	736	2,736
.....percent	100.0	(2)	0.2	1.5	5.7
Land in farms .....acres	9,764,090	38,860	332,207	1,625,945	3,982,232
Average size of farm .....acres	205	2,045	2,839	2,209	1,455
Estimated market value of land and buildings .....farms	47,641	19	117	736	2,736
.....\$1,000	48,385,690	344,584	1,943,075	8,956,715	20,406,553
Average per farm .....dollars	1,015,631	18,136,007	16,607,480	12,169,449	7,458,535
Average per acre .....dollars	4,955	8,867	5,849	5,509	5,124
Estimated market value of all machinery and equipment .....\$1,000	7,371,356	85,785	412,341	1,401,156	3,177,161
.....percent	100.0	1.2	5.6	19.0	43.1
Land in farms according to use:					
Total cropland .....acres	7,924,480	32,208	306,049	1,531,548	3,732,922
Harvested cropland .....acres	7,214,667	31,057	293,260	1,482,408	3,600,900
Pastureland, excluding woodland pastured .....acres	438,630	-	4,107	12,786	37,110
Market value of agricultural products sold (see text) .....\$1,000	8,220,935	823,815	2,059,428	4,111,878	6,166,200
Average per farm .....dollars	172,560	43,358,709	17,601,949	5,586,791	2,253,728
Grains, oilseeds, dry beans, and dry peas .....farms	16,493	9	58	500	2,126
.....\$1,000	2,611,695	(D)	79,904	566,212	1,481,192
Tobacco .....farms	-	-	-	-	-
.....\$1,000	-	-	-	-	-
Cotton and cottonseed .....farms	-	-	-	-	-
.....\$1,000	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....farms	3,089	-	16	117	341
.....\$1,000	535,068	-	143,460	351,937	461,048
Fruits, tree nuts, and berries .....farms	2,876	-	4	64	229
.....\$1,000	440,718	-	38,428	166,737	300,761
Fruits and tree nuts .....farms	1,953	-	1	49	173
.....\$1,000	294,371	-	(D)	97,329	198,687
Berries .....farms	1,321	-	3	21	79
.....\$1,000	146,347	-	(D)	69,408	102,074
Nursery, greenhouse, floriculture, and sod (see text) .....farms	1,939	5	16	89	239
.....\$1,000	739,749	170,270	298,846	496,528	631,627
Cultivated Christmas trees and short rotation woody crops (see text) .....farms	774	-	-	7	24
.....\$1,000	28,732	-	-	8,701	11,973
Cultivated Christmas trees (see text) .....farms	774	-	-	7	24
.....\$1,000	28,732	-	-	8,701	11,973
Short rotation woody crops .....farms	-	-	-	-	-
.....\$1,000	-	-	-	-	-
Other crops and hay (see text) .....farms	14,059	1	13	154	739
.....\$1,000	288,290	(D)	10,103	66,860	152,721
Maple syrup .....farms	872	-	1	5	15
.....\$1,000	6,254	-	(D)	40	373
Cattle and calves .....farms	9,539	6	56	312	1,109
.....\$1,000	628,397	29,830	110,076	246,399	432,134
Milk from cows .....farms	1,652	5	53	255	723
.....\$1,000	1,786,057	125,893	692,511	1,255,826	1,622,191
Hogs and pigs .....farms	2,441	3	14	97	220
.....\$1,000	608,555	206,782	298,202	494,422	587,295
Sheep, goats, wool, mohair, and milk .....farms	2,741	-	-	7	23
.....\$1,000	14,796	-	-	111	1,461
Horses, ponies, mules, burros, and donkeys (see text) .....farms	1,558	-	-	2	26
.....\$1,000	17,091	-	-	(D)	147
Poultry and eggs .....farms	5,300	5	16	38	79
.....\$1,000	480,253	278,675	387,898	447,506	466,948
Aquaculture .....farms	57	-	-	1	5
.....\$1,000	8,834	-	-	(D)	4,744
Other animals and other animal products (see text) .....farms	1,626	-	-	5	27
.....\$1,000	32,700	-	-	(D)	11,958
Value of organically produced commodities .....farms	646	2	3	11	64
.....\$1,000	176,069	(D)	(D)	(D)	135,152
Value of landlords' share of total sales .....farms	1,238	-	1	47	243
.....\$1,000	52,365	-	(D)	16,441	34,838
Total farm production expenses .....farms	47,641	19	117	736	2,736
.....\$1,000	7,208,181	742,528	1,840,132	3,479,968	5,128,552
Selected farm production expenses:					
Fertilizer, lime, and soil conditioners purchased .....farms	25,277	15	98	681	2,635
.....\$1,000	592,379	8,115	52,617	175,318	351,480
Chemicals purchased .....farms	21,160	15	97	682	2,613
.....\$1,000	360,374	4,104	36,012	115,436	227,766
Livestock and poultry purchased or leased .....farms	11,498	12	61	298	901
.....\$1,000	390,358	51,181	125,398	230,685	314,258
Feed purchased .....farms	22,882	14	83	433	1,339
.....\$1,000	1,269,333	293,971	645,006	943,944	1,121,401
Gasoline, fuels, and oils purchased .....farms	45,095	19	117	736	2,731
.....\$1,000	313,479	12,141	42,884	109,856	188,740
Utilities .....farms	32,201	19	117	736	2,736
.....\$1,000	190,561	15,439	41,582	82,421	119,884
Hired farm labor .....farms	11,907	19	116	710	2,404
.....\$1,000	952,388	114,431	283,777	559,067	769,594
Interest expense .....farms	16,660	17	106	638	2,337
.....\$1,000	297,871	9,935	40,548	99,405	176,753
Government payments (see text) .....farms	15,350	10	55	485	1,990
.....\$1,000	167,189	622	3,025	25,623	74,797
Inventory of selected livestock:					
Cattle and calves .....farms	12,221	6	56	315	1,132
.....number	1,201,383	59,348	264,040	554,942	838,597
Milk cows .....farms	2,158	5	53	255	725
.....number	442,032	31,365	166,050	303,443	396,131
Hogs and pigs .....farms	2,017	3	14	90	189
.....number	1,236,567	163,850	510,210	989,044	1,172,111

Table 42. Commodities Raised and Delivered Under Production Contracts: 2017 and 2012

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

Commodity	2017		2012	
	Farms	Number	Farms	Number
Broilers and other meat-type chickens	22	8,592,600	12	5,582,000
Eggs, chicken (dozens)	2	(D)	3	7,737,135
Layers	2	(D)	2	(D)
Pullets for laying flock replacement	4	3,856,853	7	3,844,000
Turkeys	1	(D)	1	(D)
Custom fed cattle shipped directly for slaughter (see text)	12	2,015	8	1,421
Hogs and pigs	161	1,549,921	131	1,077,156
Replacement dairy heifers	136	46,266	85	29,895
Other cattle, sheep, livestock, or poultry (see text)	30	(X)	37	(X)
Grains, oilseeds, vegetables, melons, potatoes, and other crops (see text)	28	(X)	(NA)	(NA)
Value of commodities (\$1,000) (see text)	391	354,639	308	305,859
Total payments received (\$1,000) (see text)	391	44,134	308	44,181

Table 43. Value of Land and Buildings: 2017 and 2012

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

Value of land and buildings	2017		2012	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Estimated market value of land and buildings	47,641	(X)	52,194	(X)
Average per farm	(X)	48,385,690	(X)	39,988,344
Average per acre	(X)	1,015,631	(X)	766,148
By value group:				
\$1 to \$49,999	2,803	72,763	3,454	87,951
\$50,000 to \$99,999	3,608	267,676	4,854	353,797
\$100,000 to \$199,999	8,893	1,290,547	11,570	1,674,715
\$200,000 to \$499,999	16,453	5,062,418	17,620	5,349,031
\$500,000 to \$999,999	6,887	4,667,222	6,829	4,648,642
\$1,000,000 to \$1,999,999	3,748	5,203,588	3,582	4,901,832
\$2,000,000 to \$4,999,999	3,217	9,962,911	2,896	8,972,880
\$5,000,000 to \$9,999,999	1,366	9,364,492	943	6,337,763
\$10,000,000 or more	666	12,494,074	446	7,661,732

Table 44. Value of Machinery and Equipment on Operation: 2017 and 2012

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

Value of machinery and equipment	2017		2012	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Estimated market value of machinery and equipment	47,637	7,371,356	52,192	6,395,233
Average per farm	(X)	154,740	(X)	122,533
By value group:				
\$1 to \$4,999	2,977	8,507	4,395	9,951
\$5,000 to \$9,999	3,761	25,255	4,323	28,875
\$10,000 to \$19,999	6,473	88,519	7,817	104,854
\$20,000 to \$29,999	5,561	129,250	6,463	149,696
\$30,000 to \$49,999	6,885	255,630	7,334	271,127
\$50,000 to \$69,999	4,722	265,931	5,021	280,399
\$70,000 to \$99,999	3,611	292,322	3,618	293,740
\$100,000 to \$199,999	5,550	734,544	5,709	741,487
\$200,000 to \$499,999	4,513	1,323,363	4,634	1,343,806
\$500,000 to \$999,999	2,059	1,394,116	1,711	1,131,802
\$1,000,000 or more	1,525	2,853,917	1,167	2,039,495

Table 45. Selected Machinery and Equipment on Operation: 2017 and 2012

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

Selected machinery and equipment	2017						2012			
	Total		Manufactured 2013 to 2017		Manufactured prior to 2013		Total		Manufactured 2008 to 2012	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Trucks, including pickups	36,665	75,227	8,778	11,008	32,641	64,219	38,270	75,709	8,500	10,521
Tractors	39,667	119,056	6,919	10,728	37,037	108,328	42,957	127,829	7,095	11,158
2 or 3	14,286	34,131	1,452	3,305	13,622	32,539	16,043	38,341	1,633	3,726
4 or more	11,954	71,498	440	2,396	10,841	63,215	12,884	75,458	410	2,380
Less than 40 horsepower (PTO)	21,371	32,779	2,361	2,633	19,515	30,146	23,786	37,852	2,196	2,500
40 to 99 horsepower (PTO)	27,616	50,072	3,115	3,860	25,743	46,212	30,686	55,712	3,393	4,244
100 horsepower (PTO) or more	15,281	36,205	2,486	4,235	14,423	31,970	15,465	34,265	2,553	4,414
Grain and bean combines, self-propelled	10,496	12,046	919	1,053	9,729	10,993	11,227	12,820	1,093	1,227
Cotton pickers and strippers, self-propelled	-	-	-	-	-	-	1	(D)	-	-
Forage harvesters, self-propelled	1,818	1,989	247	259	1,587	1,730	2,036	2,230	226	234
Hay balers	15,006	19,507	1,167	1,277	14,255	18,230	17,204	22,645	1,427	1,559

Table 46. Fertilizers and Chemicals Applied: 2017 and 2012

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

Item	2017	2012	Item	2017	2012
Any fertilizer, manure, or chemicals used	25,984	27,229	Chemical expenses	21,160	25,051
farms			farms	360,374	362,470
\$1,000	952,753	1,147,605	Acres treated to control-		
Any fertilizer or chemical expenses	26,900	28,788	Insects	8,158	11,136
farms			farms	2,171,602	2,218,992
\$1,000	952,753	1,147,605	acres	17,875	21,713
Commercial fertilizer, lime, and soil conditioners used	22,234	23,463	Weeds, grass, or brush	5,919,857	5,767,291
farms			farms	1,573	2,441
acres treated	5,515,923	5,396,912	acres	407,101	376,530
Manure used	9,687	9,149	Nematodes	4,573	5,141
farms			farms	944,112	781,472
acres treated	825,365	761,437	acres		
Organic fertilizer used (see text)	1,401	(NA)	Chemicals used to control growth, thin fruit, ripen, or defoliate	1,490	1,893
farms			farms	281,266	230,525
acres treated	82,256	(NA)	acres on which used		
Commercial fertilizer, lime, and soil conditioners expenses	25,277	26,149			
farms					
\$1,000	592,379	785,135			

Table 47. Land Use Practices by Size of Farm: 2017 and 2012

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

Land use practices	2017		2012	
	Farms	Acres	Farms	Acres
Land drained by tile	12,704	3,029,891	13,140	2,583,727
Average per farm	(X)	238	(X)	197
Acres drained:				
1 to 9 acres	1,788	7,934	1,796	8,355
10 to 49 acres	3,889	95,068	4,445	106,114
50 to 99 acres	1,798	123,659	2,142	145,766
100 to 199 acres	1,680	227,281	1,662	223,645
200 to 499 acres	1,843	576,186	1,707	523,237
500 to 999 acres	984	675,573	847	570,253
1,000 to 1,999 acres	510	669,075	386	514,987
2,000 acres or more	212	655,115	155	491,370
Land artificially drained by ditches	8,363	1,055,439	9,545	1,212,253
Average per farm	(X)	126	(X)	127
Acres drained by ditches:				
1 to 9 acres	1,790	7,432	1,643	7,645
10 to 49 acres	3,435	79,485	4,166	96,618
50 to 99 acres	1,156	77,965	1,372	93,156
100 to 199 acres	782	101,819	1,032	134,792
200 to 499 acres	722	211,940	791	230,450
500 to 999 acres	287	194,321	322	215,472
1,000 to 1,999 acres	118	159,045	153	204,887
2,000 acres or more	73	223,432	66	229,233
Land under conservation easement	974	72,425	1,993	125,856
Average per farm	(X)	74	(X)	63
Acres under easement:				
1 to 9 acres	241	977	533	2,254
10 to 49 acres	396	9,800	912	21,257
50 to 99 acres	158	11,172	265	17,861
100 to 199 acres	104	14,365	153	20,302
200 to 499 acres	60	16,799	94	27,394
500 to 999 acres	6	3,558	27	20,622
1,000 to 1,999 acres	6	7,474	6	7,420
2,000 acres or more	3	8,280	3	8,746
Cropland on which no-till practices were used	8,174	1,566,334	8,015	1,518,492
Average per farm	(X)	192	(X)	189
No-till practices used:				
1 to 9 acres	1,324	5,158	1,154	4,582
10 to 49 acres	2,362	60,177	2,428	62,719
50 to 99 acres	1,280	88,627	1,203	84,470
100 to 199 acres	1,085	149,578	1,172	163,020
200 to 499 acres	1,290	405,026	1,312	405,844
500 to 999 acres	580	398,789	516	358,617
1,000 to 1,999 acres	199	266,461	171	227,139
2,000 acres or more	54	192,518	59	212,101
Cropland on which reduced tillage, excluding no-till, practices were used (see text)	7,720	2,297,131	6,333	1,775,246
Average per farm	(X)	298	(X)	280
Reduced tillage used:				
1 to 9 acres	980	3,590	829	3,310
10 to 49 acres	1,869	48,723	1,503	40,006
50 to 99 acres	1,098	78,412	985	69,721
100 to 199 acres	1,105	159,337	954	134,648
200 to 499 acres	1,390	438,415	1,093	345,639
500 to 999 acres	713	487,949	556	383,698
1,000 to 1,999 acres	401	550,209	297	406,517
2,000 acres or more	164	530,496	116	391,707
Cropland on which intensive tillage practices were used (see text)	11,727	2,343,703	15,943	2,595,097
Average per farm	(X)	200	(X)	163
Intensive tillage used:				
1 to 9 acres	2,283	9,605	3,274	13,378
10 to 49 acres	3,793	92,666	5,377	135,270
50 to 99 acres	1,601	111,717	2,388	166,511
100 to 199 acres	1,432	199,914	1,813	254,682
200 to 499 acres	1,396	438,900	1,848	570,048
500 to 999 acres	716	504,188	743	512,160
1,000 to 1,999 acres	343	466,413	354	484,788
2,000 acres or more	163	520,300	146	458,260
Cropland planted to a cover crop (excluding CRP)	6,275	673,205	5,530	437,200
Average per farm	(X)	107	(X)	79
Cover crop acres (excluding CRP):				
1 to 9 acres	1,972	7,036	1,640	6,851
10 to 49 acres	2,158	49,397	2,232	50,813
50 to 99 acres	700	46,723	661	43,572
100 to 199 acres	600	78,192	456	59,623
200 to 499 acres	528	151,425	367	106,229
500 to 999 acres	198	129,806	125	77,741
1,000 to 1,999 acres	90	120,451	31	40,937
2,000 acres or more	29	90,175	18	51,434

Table 48. Selected Characteristics of Farms by North American Industry Classification System: 2017

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

NAICS code (see text)	Farms	Land in farms (acres)	Harvested cropland (acres)	Estimated market value of selected capital assets, average per farm (dollars)		Market value of agricultural products sold (\$1,000)		
				Land and buildings	Machinery and equipment	Total	Crops	Livestock, poultry, and their products
Total	47,641	9,764,090	7,214,667	1,015,631	154,740	8,220,935	4,644,252	3,576,684
Crop production (111)	30,933	7,584,315	5,891,376	1,201,326	170,842	4,472,793	4,311,087	161,706
Oilseed and grain farming (1111)	12,466	5,568,380	4,934,463	2,174,610	292,989	2,495,103	2,382,532	112,571
Soybean farming (11111)	5,298	1,488,799	1,293,640	1,361,870	179,461	528,549	522,422	6,127
Oilseed (except soybean) farming (11112)	10	728	240	426,167	41,000	39	39	-
Dry pea and bean farming (11113)	179	58,986	49,562	1,551,569	267,319	27,093	26,859	235
Wheat farming (11114)	210	28,106	16,065	635,063	119,302	4,487	4,476	20
Corn farming (11115)	4,061	1,995,418	1,763,286	2,362,026	322,116	899,321	886,323	12,999
Rice farming (11116)	-	-	-	-	-	-	-	-
Other grain farming (11119)	2,708	1,996,343	1,811,670	3,650,650	487,514	1,035,604	942,413	93,191
Vegetable and melon farming (1112)	1,826	329,618	246,674	952,565	196,757	535,588	528,483	7,105
Potato farming (11121)	94	119,653	102,349	5,663,689	1,270,734	200,320	200,245	75
Other vegetable (except potato) and melon farming (111219)	1,732	209,965	144,325	696,880	138,469	335,268	328,238	7,030
Fruit and tree nut farming (1113)	2,549	255,285	135,681	766,192	126,102	438,905	437,346	1,559
Orange groves (11131)	-	-	-	-	-	-	-	-
Citrus (except orange) groves (11132)	-	-	-	-	-	-	-	-
Noncitrus fruit and tree nut farming (11133)	2,549	255,285	135,681	766,192	126,102	438,905	437,346	1,559
Apple orchards (111331)	768	92,741	50,837	877,345	154,356	183,528	183,295	233
Grape vineyards (111332)	406	24,481	12,300	517,762	67,617	24,374	24,347	27
Strawberry farming (111333)	53	2,352	601	279,657	52,749	1,352	1,334	18
Berry (except strawberry) farming (111334)	683	51,822	25,826	634,421	126,464	140,762	140,705	57
Tree nut farming (111335)	133	5,978	1,122	298,814	33,371	2,090	2,084	7
Fruit and tree nut combination farming (111336)	34	982	143	379,930	20,273	367	361	6
Other noncitrus fruit farming (111339)	472	76,929	44,852	1,203,853	171,904	86,434	85,221	1,213
Greenhouse, nursery, and floriculture production (1114)	2,313	152,047	69,432	511,448	105,340	766,395	765,782	613
Food crops grown under cover (11141)	195	6,700	1,105	247,602	40,646	10,145	9,988	157
Nursery and floriculture production (11142)	2,118	145,347	68,327	535,740	111,297	756,250	755,794	456
Nursery and tree production (111421)	1,375	124,577	60,780	511,544	92,138	276,629	276,372	258
Floriculture production (111422)	743	20,770	7,547	580,518	146,752	479,621	479,422	199
Other crop farming (1119)	11,779	1,278,985	505,126	439,473	60,079	236,802	196,944	39,858
Tobacco farming (11191)	-	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-	-
Sugarcane farming (11193)	-	-	-	-	-	-	-	-
Hay farming (11194)	6,345	661,599	320,567	397,073	61,368	76,775	71,735	5,040
All other crop farming (11199)	5,434	617,386	184,559	488,980	58,572	160,027	125,208	34,818
Animal production and aquaculture (112) (see text)	16,708	2,179,775	1,323,291	671,838	124,928	3,748,142	333,164	3,414,978
Cattle ranching and farming (1121)	7,496	1,634,922	1,103,232	1,005,551	192,657	2,530,917	248,138	2,282,779
Beef cattle ranching and farming, including feedlots (11211)	5,966	682,474	333,404	489,516	88,699	442,768	96,803	345,965
Beef cattle ranching and farming (112111)	5,578	519,488	212,477	390,467	71,619	231,464	40,009	191,455
Cattle feedlots (112112)	388	162,986	120,927	1,913,474	334,238	211,304	56,794	154,510
Dairy cattle and milk production (11212)	1,530	952,448	769,828	3,017,752	598,026	2,088,149	151,335	1,936,814
Hog and pig farming (1122)	715	163,870	129,968	1,269,139	245,356	642,966	67,286	575,680
Poultry and egg production (1123)	857	44,382	20,423	503,707	106,857	480,875	8,688	472,188
Chicken egg production (11231)	433	16,419	6,427	449,217	112,403	322,748	2,412	320,336
Broilers and other meat-type chicken production (11232)	120	5,344	3,147	445,554	85,478	22,961	1,357	21,603
Turkey production (11233)	61	12,839	9,363	1,688,919	335,411	122,936	4,619	118,317
Poultry hatcheries (11234)	-	-	-	-	-	-	-	-
Other poultry production (11239)	243	9,780	1,486	331,997	50,158	12,231	299	11,931
Sheep and goat farming (1124)	1,721	57,979	10,861	241,772	36,989	11,898	1,274	10,624
Sheep farming (11241)	1,127	45,801	8,938	270,946	37,613	8,704	1,146	7,558
Goat farming (11242)	594	12,178	1,923	186,419	35,805	3,194	128	3,066
Aquaculture (1125) (see text)	41	7,741	81	1,229,546	110,185	8,859	33	8,827
Other animal production (1129)	5,878	270,881	58,726	320,150	52,367	72,627	7,746	64,881
Apiculture (11291)	335	9,334	(D)	210,261	61,456	15,957	(D)	(D)
Horse and other equine production (11292) (see text)	4,376	165,073	31,602	301,873	46,519	15,925	796	15,129
Fur-bearing animal and rabbit production (11293)	21	706	(D)	310,848	48,276	2,779	(D)	(D)
All other animal production (11299)	1,146	95,768	26,579	422,235	72,151	37,967	6,880	31,087

Table 49. Renewable Energy: 2017 and 2012

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

Item	2017	2012	Item	2017	2012
Renewable energy producing systems .....farms	3,689	1,464	Renewable energy producing systems - Con.		
Solar panels .....farms	1,589	577	Small hydro systems .....farms	36	17
Wind turbines .....farms	625	366	Biodiesel production systems (see text) .....farms	53	103
Methane digesters .....farms	16	7	Ethanol production systems (see text) .....farms	53	34
Geothermal/geoexchange systems (see text) .....farms	1,464	401	Other .....farms	236	24
			Wind rights leased to others .....farms	1,519	824

Table 50. Institutional, Research, Experimental, and American Indian Reservation Farms: 2017 and 2012

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

Characteristics	2017	2012	Characteristics	2017	2012
Farms number	180	144	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	56,729	51,635	Crops, including nursery and greenhouse crops \$1,000	6,871	7,721
Average size of farm acres	315	359	Livestock, poultry, and their products \$1,000	10,162	13,259
Estimated market value of land and buildings .....\$1,000	294,361	310,420	Total farm production expenses \$1,000	21,193	22,566
Average per farm dollars	1,635,340	2,155,694	Average per farm dollars	117,739	156,711
Average per acre dollars	5,189	6,012	Government payments ¹ (see text) farms	22	23
Estimated market value of all machinery and equipment .....\$1,000	21,625	14,844	..... \$1,000	167	79
Land in farms according to use:			Average per farm dollars	7,579	3,455
Total cropland .....farms	115	94	Total income from farm-related sources farms	69	34
..... acres	10,753	12,324	..... \$1,000	2,305	1,479
Harvested cropland .....farms	104	74	Average per farm dollars	33,400	43,498
..... acres	7,646	10,954	Tenure of producer (see text):		
Other pasture and grazing land that could have been used for crops without additional improvements .....farms	6	2	Full owners farms	144	112
..... acres	198	(D)	Part owners farms	16	16
Other cropland .....farms	46	41	Tenants farms	20	16
..... acres	2,909	(D)	Farms by North American Industry Classification System:		
Total woodland .....farms	72	53	Oilseed and grain farming (1111) farms	22	25
..... acres	25,987	23,377	Vegetable and melon farming (1112) farms	20	6
Woodland pastured .....farms	14	5	Fruit and tree nut farming (1113) farms	10	2
..... acres	2,318	961	Greenhouse, nursery, and floriculture production (1114) farms	15	16
Woodland not pastured .....farms	67	51	Other crop farming (1119) farms	36	39
..... acres	23,669	22,416	Tobacco farming (11191) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured .....farms	66	46	Cotton farming (11192) farms	-	-
..... acres	4,166	2,954	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	36	39
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. ....farms	118	87	Beef cattle ranching and farming (112111) farms	11	10
..... acres	15,823	12,980	Cattle feedlots (112112) farms	2	-
Irrigated land .....farms	48	46	Dairy cattle and milk production (11212) farms	3	4
..... acres	1,121	5,710	Hog and pig farming (1122) farms	5	10
Market value of agricultural products sold (see text) .....\$1,000	17,033	20,980	Poultry and egg production (1123) farms	4	3
Average per farm dollars	94,629	145,696	Sheep and goat farming (1124) farms	6	7
			Aquaculture and other animal production (1125, 1129) (see text) farms	46	22

¹ Data for 2012 include loan deficiency payments, marketing loan gains, and net value of commodity certificates.

Table 51. Organic Agriculture: 2017 and 2012

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

Item	2017	2012	Item	2017	2012
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES			ALL PRODUCERS' CHARACTERISTICS FOR FARMS WITH CERTIFIED OR EXEMPT ORGANIC PRODUCTION ¹ (SEE TEXT) - Con.		
Total organic product sales farms	646	421	Place of residence:		
\$1,000	176,069	53,503	On farm operated	1,194	(NA)
Average per farm dollars	272,553	127,086	Not on farm operated	251	(NA)
By value of sales:			Days worked off farm:		
\$1 to \$4,999 farms	134	118	None	723	(NA)
\$1,000	234	235	Any	722	(NA)
\$5,000 to \$9,999 farms	64	39	1 to 49 days	168	(NA)
\$1,000	447	291	50 to 99 days	83	(NA)
\$10,000 to \$24,999 farms	85	46	100 to 199 days	114	(NA)
\$1,000	1,397	712	200 days or more	357	(NA)
\$25,000 to \$49,999 farms	58	53	Years on present farm:		
\$1,000	2,096	1,979	2 years or less	115	(NA)
\$50,000 or more farms	305	165	3 or 4 years	222	(NA)
\$1,000	171,895	50,286	5 to 9 years	351	(NA)
			10 years or more	757	(NA)
TYPE OF PRODUCTION			Average years on present farm	15.1	(NA)
USDA National Organic Program certified organic production farms	644	365	Age group:		
USDA National Organic Program organic production exempt from certification farms	120	134	Under 25 years	81	(NA)
Acres transitioning into USDA National Organic Program organic production farms	239	141	25 to 34 years	240	(NA)
			35 to 44 years	328	(NA)
ALL PRODUCERS' CHARACTERISTICS FOR FARMS WITH CERTIFIED OR EXEMPT ORGANIC PRODUCTION ¹ (SEE TEXT)			45 to 54 years	241	(NA)
Sex of producers:			55 to 64 years	340	(NA)
Male	905	(NA)	65 to 74 years	179	(NA)
Female	540	(NA)	75 years and over	36	(NA)
Primary occupation:			Average age	47.9	(NA)
Farming	937	(NA)	Military service (see text):		
Other	508	(NA)	Never served	1,363	(NA)
			Served	82	(NA)

¹ Data were collected for a maximum of four producers per farm.

Table 52. Selected Producer Characteristics: 2017 and 2012

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

Characteristics	2017 ¹				2012 ²	
	All producers (see text)	All principal producers (see text)	All non-principal producers (see text)	Primary producer (see text)	All operators	Principal operator
Producers number	79,404	63,627	15,777	47,641	78,948	52,194
Sex of producers:						
Male	51,449	45,860	5,589	36,502	54,865	44,785
Female	27,955	17,767	10,188	11,139	24,083	7,409
Hired managers (see text)	4,499	3,133	1,366	1,884	(NA)	1,551
Primary occupation:						
Farming	34,706	29,347	5,359	23,068	35,808	25,285
Other	44,698	34,280	10,418	24,573	43,140	26,909
Place of residence:						
On farm operated	63,913	52,218	11,695	39,652	64,522	43,740
Not on farm operated	15,491	11,409	4,082	7,989	14,426	8,454
Days of work off farm:						
None	33,132	26,954	6,178	21,165	32,025	21,550
Any	46,272	36,673	9,599	26,476	46,923	30,644
1 to 49 days	6,652	5,241	1,411	4,076	6,390	4,147
50 to 99 days	3,277	2,619	658	2,027	3,293	2,069
100 to 199 days	5,906	4,604	1,302	3,470	6,643	4,223
200 days or more	30,437	24,209	6,228	16,903	30,597	20,205
Years on present farm:						
2 years or less	4,559	3,162	1,397	2,233	3,137	1,512
3 or 4 years	5,759	4,185	1,574	2,951	4,222	2,350
5 to 9 years	11,170	8,431	2,739	6,003	10,934	6,318
10 years or more	57,916	47,849	10,067	36,454	60,655	42,014
Years operating any farm (see text):						
5 years or less	10,752	7,582	3,170	5,292	(NA)	(NA)
6 to 10 years	9,496	7,135	2,361	5,128	(NA)	(NA)
11 years or more	59,156	48,910	10,246	37,221	(NA)	(NA)
Age group:						
Under 25 years	1,488	636	852	272	1,270	244
25 to 34 years	5,697	3,762	1,935	2,679	5,193	2,736
35 to 44 years	9,612	7,283	2,329	5,230	9,993	5,761
45 to 54 years	14,706	11,612	3,094	8,335	19,524	12,259
55 to 64 years	23,131	19,013	4,118	14,307	22,120	15,153
65 to 74 years	16,495	14,060	2,435	10,995	14,067	10,490
75 years and over	8,275	7,261	1,014	5,823	6,781	5,551
Average age	56.6	57.9	51.6	58.6	55.5	57.6
Young producers (see text)	8,012	5,021	2,991	3,373	(NA)	(NA)
Producers of Hispanic, Latino, or Spanish origin	1,024	782	290	584	989	674
Producers by race:						
American Indian or Alaska Native	351	285	66	171	349	204
Asian	155	119	36	76	109	54
Black or African American	342	296	46	196	323	216
Native Hawaiian or other Pacific Islander	8	8	-	5	23	16
White	78,010	62,503	15,507	46,904	77,842	51,539
More than one race reported	538	416	122	289	302	165
Military service (see text):						
Never served	71,988	56,809	15,179	42,170	(NA)	(NA)
Served	7,416	6,818	598	5,471	(NA)	(NA)
Number of persons living in producers' households (see text)	158,308	141,581	16,727	112,769	167,949	142,363
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	69,711	59,503	10,208	45,822	(NA)	(NA)
Land use and/or crop decisions	60,124	52,579	7,545	41,355	(NA)	(NA)
Livestock decisions	42,028	36,078	5,950	27,977	(NA)	(NA)
Record keeping and/or financial management	58,779	50,586	8,193	40,379	(NA)	(NA)
Estate planning or succession planning	44,474	38,404	6,070	29,673	(NA)	(NA)

¹ Data were collected for a maximum of four producers per farm.

² All operator data are for a maximum of three operators per farm; principal operator data are for one operator per farm.

Table 53. Selected Farm Characteristics by Producers' Involvement in Decisionmaking: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Item	Day-to-day decisions	Land use and/or crop decisions	Livestock decisions	Record keeping and financial management	Estate or succession planning
FARMS AND LAND IN FARMS					
Farms number	46,243	42,054	28,507	42,817	30,556
Land in farms acres	9,550,973	9,217,956	4,948,523	9,074,111	6,969,602
FARMS BY SIZE					
1 to 9 acres	5,010	4,142	3,372	4,570	2,821
10 to 49 acres	16,311	14,437	11,254	14,772	10,346
50 to 179 acres	14,085	13,022	8,145	13,145	9,630
180 to 499 acres	6,185	5,911	3,417	5,878	4,368
500 acres or more	4,652	4,542	2,319	4,452	3,391
OWNED AND RENTED LAND IN FARMS					
Owned land in farms farms	44,244	40,200	27,522	40,941	29,589
..... acres	5,641,164	5,357,024	3,047,604	5,317,549	4,132,268
Rented or leased land in farms farms	15,170	14,550	8,812	14,437	10,030
..... acres	3,909,809	3,860,932	1,900,919	3,756,562	2,837,334
TENURE					
Full owners farms	31,073	27,504	19,695	28,380	20,526
..... acres	2,385,151	2,188,834	1,288,237	2,206,438	1,691,491
Part owners farms	13,171	12,696	7,827	12,561	9,063
..... acres	6,688,973	6,550,206	3,480,643	6,406,895	4,926,727
Tenants farms	1,999	1,854	985	1,876	967
..... acres	476,849	478,916	179,643	460,778	351,384
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS					
Total farms	46,243	42,054	28,507	42,817	30,556
..... \$1,000	8,273,032	7,818,642	4,768,285	7,966,615	6,387,065
Market value of agricultural products sold farms	46,243	42,054	28,507	42,817	30,556
..... \$1,000	8,109,158	7,660,665	4,694,455	7,809,532	6,265,791
Crops, including nursery and greenhouse crops farms	30,468	28,979	16,325	28,484	20,301
..... \$1,000	4,545,608	4,359,680	1,476,596	4,307,174	3,382,562
Livestock, poultry, and their products farms	17,048	15,484	15,907	16,278	11,635
..... \$1,000	3,563,550	3,300,985	3,217,859	3,502,358	2,883,229
Government payments farms	14,834	13,882	7,047	14,021	10,265
..... \$1,000	163,875	157,977	73,830	157,083	121,274
FARMS BY ECONOMIC CLASS (SEE TEXT)					
Less than \$1,000	10,739	9,226	7,927	9,440	6,901
\$1,000 to \$2,499	4,780	4,079	3,194	4,363	2,992
\$2,500 to \$4,999	4,785	4,217	3,112	4,361	3,030
\$5,000 to \$9,999	4,890	4,448	3,187	4,578	3,270
\$10,000 to \$24,999	5,685	5,350	3,297	5,384	3,755
\$25,000 to \$49,999	3,495	3,292	1,762	3,312	2,328
\$50,000 or more	11,869	11,442	6,028	11,379	8,280
COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS					
CCC loans (see text) farms	433	429	175	411	309
..... \$1,000	51,577	51,621	20,136	49,956	40,736
Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs payments farms	4,208	3,708	1,489	3,930	3,043
..... \$1,000	15,011	13,330	5,246	14,150	11,310
Other Federal farm program payments farms	13,340	12,643	6,528	9,212	9,212
..... \$1,000	148,863	144,647	68,583	142,932	109,965
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)					
Oilseed and grain farming (1111)	12,049	11,653	4,710	11,344	8,066
Vegetable and melon farming (1112)	1,812	1,749	906	1,691	1,056
Fruit and tree nut farming (1113)	2,486	2,387	735	2,374	1,688
Greenhouse, nursery, and floriculture production (1114)	2,279	2,108	655	2,135	1,359
Other crop farming (1119)	11,206	9,937	6,107	10,068	7,504
Tobacco farming (11191)	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	11,206	9,937	6,107	10,068	7,504
Beef cattle ranching and farming (11211)	5,464	4,876	5,343	5,157	3,728
Cattle feedlots (11212)	387	364	377	380	289
Dairy cattle and milk production (11212)	1,522	1,471	1,476	1,478	1,071
Hog and pig farming (1122)	704	559	668	677	433
Poultry and egg production (1123)	846	697	786	803	560
Sheep and goat farming (1124)	1,691	1,417	1,642	1,580	1,077
Aquaculture and other animal production (1125, 1129) (see text)	5,797	4,836	5,102	5,130	3,725
OTHER FARM CHARACTERISTICS					
Farms by-					
Type of organization (see text):					
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	44,510	40,462	27,608	41,199	29,460
Limited Liability Company	5,010	4,620	3,028	4,768	3,456
Operation's legal status for tax purposes (see text):					
Family or individual	39,321	35,588	24,827	36,199	25,656
Partnership	3,191	3,010	1,791	3,045	2,186
Corporation	2,809	2,636	1,422	2,728	2,029
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	922	820	467	845	685

--continued

Table 53. Selected Farm Characteristics by Producers' Involvement in Decisionmaking: 2017 (continued)

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Item	Day-to-day decisions	Land use and/or crop decisions	Livestock decisions	Record keeping and financial management	Estate or succession planning
OTHER FARM CHARACTERISTICS - Con.					
Farms by - - Con.					
Number of producers (see text):					
1 producer	20,904	18,977	11,897	18,879	13,633
2 producers	21,251	19,187	14,074	19,988	13,981
3 producers	2,510	2,387	1,590	2,414	1,785
4 producers	1,127	1,079	705	1,105	824
5 or more producers	451	424	241	431	333
Number of male producers (see text):					
1 producer	36,844	33,367	22,863	33,993	24,278
2 producers	4,434	4,286	2,420	4,247	2,937
3 producers	1,074	1,053	630	1,036	758
4 producers	227	215	119	215	177
5 or more producers	107	99	37	103	86
Number of female producers (see text):					
1 producer	23,610	21,160	16,006	22,118	15,837
2 producers	1,581	1,417	1,079	1,521	1,083
3 producers	191	172	138	192	125
4 producers	61	58	31	53	43
5 or more producers	22	20	8	21	17
Farms reporting-					
Internet access	35,835	32,826	22,234	33,631	23,872
Dial-up	1,310	1,238	801	1,215	918
DSL	7,412	6,864	4,580	7,031	4,955
Cable modem	8,033	7,243	4,660	7,530	5,245
Fiber-optic	1,656	1,519	992	1,534	1,115
Mobile internet service for a cell phone or other device (see text)	15,271	14,087	9,678	14,507	10,430
Satellite	6,842	6,242	4,483	6,497	4,790
Don't know (see text)	2,651	2,425	1,583	2,392	1,689
Other internet service	1,345	1,239	887	1,262	866
Farms by number of households sharing in net income of operation:					
1 household	39,761	36,070	24,969	36,697	26,170
2 households	4,923	4,519	2,673	4,622	3,263
3 households	1,012	970	585	980	727
4 households	341	310	193	334	250
5 or more households	206	185	87	184	146

Table 54. Involvement in Decisionmaking by Selected Producer Characteristics: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Item	Day-to-day decisions	Land use and/or crop decisions	Livestock decisions	Record keeping and financial management	Estate or succession planning
Producers number	69,711	60,124	42,028	58,779	44,474
Sex of producers:					
Male	47,363	43,819	27,546	38,061	29,172
Female	22,348	16,305	14,482	20,718	15,302
Hired managers (see text)	4,086	3,529	1,693	3,073	2,192
Primary occupation:					
Farming	32,187	28,659	18,385	27,067	20,557
Other	37,524	31,465	23,643	31,712	23,917
Place of residence:					
On farm operated	57,328	48,887	37,057	48,585	37,667
Not on farm operated	12,383	11,237	4,971	10,194	6,807
Days of work off farm:					
None	29,478	25,167	16,160	24,700	19,432
Any	40,233	34,957	25,868	34,079	25,042
1 to 49 days	5,777	4,967	3,230	4,793	3,646
50 to 99 days	2,920	2,471	1,762	2,508	1,849
100 to 199 days	5,276	4,553	3,438	4,501	3,296
200 days or more	26,260	22,966	17,438	22,277	16,251
Years on present farm:					
2 years or less	3,755	3,205	2,405	3,044	1,974
3 or 4 years	4,884	4,310	3,362	4,129	2,683
5 to 9 years	9,728	8,475	6,188	8,050	5,298
10 years or more	51,344	44,134	30,073	43,556	34,519
Years operating any farm (see text):					
5 years or less	8,984	7,752	5,915	7,378	4,648
6 to 10 years	8,272	7,140	5,226	6,817	4,514
11 years or more	52,455	45,232	30,887	44,584	35,312
Age group:					
Under 25 years	1,099	849	866	638	298
25 to 34 years	4,851	4,324	3,180	3,965	2,412
35 to 44 years	8,605	7,390	5,724	7,249	4,697
45 to 54 years	12,932	11,076	8,417	11,000	7,812
55 to 64 years	20,568	17,983	12,481	17,586	13,536
65 to 74 years	14,557	12,488	8,011	12,438	10,347
75 years and over	7,099	6,014	3,349	5,903	5,372
Average age	56.7	56.7	55.2	57.0	58.6
Young producers (see text)	6,692	5,847	4,559	5,233	3,106
Producers of Hispanic, Latino, or Spanish origin	877	781	504	686	455
Producers by race:					
American Indian or Alaska Native	291	259	220	222	175
Asian	136	126	59	129	78
Black or African American	295	283	133	249	191
Native Hawaiian or Other Pacific Islander	8	5	7	2	3
White	68,502	59,038	41,300	57,801	43,703
More than one race reported	479	413	309	376	324
Military service (see text):					
Never served	62,975	54,089	37,954	53,351	39,807
Served	6,736	6,035	4,074	5,428	4,667
Number of persons living in producers' households (see text)	145,737	131,633	89,950	121,610	89,800

Table 55. Male Producers - Selected Farm Characteristics: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Any producer is male	Any principal producer is male	Characteristics	Any producer is male	Any principal producer is male
FARMS AND LAND IN FARMS			FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) - Con.		
Farms number	43,923	41,931	Fruit and tree nut farming (1113)	2,383	2,286
Land in farms acres	9,519,771	9,384,764	Greenhouse, nursery, and floriculture production (1114)	2,121	2,006
FARMS BY SIZE			Other crop farming (1119)	10,728	10,296
1 to 9 acres	4,439	4,041	Tobacco farming (11191)	-	-
10 to 49 acres	15,125	14,117	Cotton farming (11192)	-	-
50 to 179 acres	13,582	13,159	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	10,728	10,296
180 to 499 acres	6,109	5,988	Beef cattle ranching and farming (11211)	5,256	5,117
500 acres or more	4,668	4,626	Cattle feedlots (11212)	388	377
OWNED AND RENTED LAND IN FARMS			Dairy cattle and milk production (11212)	1,502	1,482
Owned land in farms farms	42,047	40,120	Hog and pig farming (1122)	682	648
..... acres	5,552,310	5,442,192	Poultry and egg production (1123)	769	695
Rented or leased land in farms farms	14,929	14,636	Sheep and goat farming (1124)	1,443	1,219
..... acres	3,967,461	3,942,572	Aquaculture and other animal production (1125, 1129) (see text)	4,908	4,340
TENURE			OTHER FARM CHARACTERISTICS		
Full owners farms	28,994	27,295	Farms by-		
..... acres	2,293,188	2,214,002	Type of organization (see text):		
Part owners farms	13,053	12,825	Operation more than 50 percent owned by one producer's household and/or extended family (see text)	42,245	40,304
Tenants farms	6,746,154	6,691,741	Limited Liability Company	4,659	4,394
..... acres	1,876	1,811	Operation's legal status for tax purposes (see text):		
..... acres	480,429	479,021	Family or individual	37,236	35,500
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS			Partnership	3,148	3,054
Total farms	43,923	41,931	Corporation	2,675	2,555
..... \$1,000	8,294,917	8,220,234	Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	864	822
Market value of agricultural products sold farms	43,923	41,931	Number of producers (see text):		
..... \$1,000	8,131,231	8,058,456	1 producer	18,311	18,311
Crops, including nursery and greenhouse crops farms	29,681	28,777	2 producers	21,438	19,738
..... \$1,000	4,589,224	4,543,363	3 producers	2,541	2,360
Livestock, poultry, and their products farms	16,080	15,201	4 producers	1,166	1,084
..... \$1,000	3,542,007	3,515,093	5 or more producers	467	438
Government payments farms	14,610	14,309	Number of male producers (see text):		
..... \$1,000	163,686	161,778	1 producer	37,927	36,095
FARMS BY ECONOMIC CLASS (SEE TEXT)			2 producers	4,548	4,411
Less than \$1,000	9,590	8,843	3 producers	1,098	1,082
\$1,000 to \$2,499	4,531	4,265	4 producers	235	233
\$2,500 to \$4,999	4,507	4,229	5 or more producers	115	110
\$5,000 to \$9,999	4,642	4,430	Farms reporting-		
\$10,000 to \$24,999	5,472	5,253	Internet access	34,040	32,374
\$25,000 to \$49,999	3,388	3,306	Dial-up	1,245	1,206
\$50,000 or more	11,793	11,605	DSL	7,082	6,755
COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS			Cable modem	7,524	7,036
CCC loans (see text) farms	443	433	Fiber-optic	1,593	1,503
..... \$1,000	52,268	52,021	Mobile internet service for a cell phone or other device (see text)	14,382	13,634
Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs payments farms	4,128	4,012	Satellite	6,539	6,216
..... \$1,000	14,515	14,020	Don't know (see text)	2,561	2,472
Other Federal farm program payments farms	13,174	12,934	Other internet service	1,237	1,167
..... \$1,000	149,171	147,758	Farms by number of households sharing in net income of operation:		
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)			1 household	37,429	35,615
Oilseed and grain farming (1111)	12,090	11,937	2 households	4,919	4,790
Vegetable and melon farming (1112)	1,653	1,528	3 households	1,026	989
			4 households	343	340
			5 or more households	206	197

Table 56. Male Producers - Selected Producer Characteristics: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	All producers	All principal producers	Characteristics	All producers	All principal producers
Producers .....number	51,449	45,860	Age group - Con.		
Hired managers (see text)	3,433	2,514	45 to 54 years	9,141	8,088
Primary occupation:			55 to 64 years	14,865	13,633
Farming	24,774	22,282	65 to 74 years	10,992	10,340
Other	26,675	23,578	75 years and over	5,736	5,393
Place of residence:			Average age	57.0	58.1
On farm operated	40,101	36,836	Young producers (see text)	5,118	3,612
Not on farm operated	11,348	9,024	Producers of Hispanic, Latino, or Spanish origin	625	515
Days of work off farm:			Producers by race:		
None	21,481	19,404	American Indian or Alaska Native	194	174
Any	29,968	26,456	Asian	57	48
1 to 49 days	4,302	3,791	Black or African American	209	190
50 to 99 days	1,984	1,754	Native Hawaiian or Other Pacific Islander	7	7
100 to 199 days	3,463	3,064	White	50,676	45,195
200 days or more	20,219	17,847	More than one race reported	306	246
Years on present farm:			Military service (see text):		
2 years or less	2,679	2,077	Never served	44,377	39,288
3 or 4 years	3,439	2,737	Served	7,072	6,572
5 to 9 years	6,910	5,840	Number of persons living in producers'		
10 years or more	38,421	35,206	households (see text)	131,929	120,942
Years operating any farm (see text):			On farm involvement in decisionmaking (see text):		
5 years or less	6,371	5,021	Day-to-day decisions	47,363	43,585
6 to 10 years	5,805	4,850	Land use and/or crop decisions	43,819	40,095
11 years or more	39,273	35,989	Livestock decisions	27,546	25,390
Age group:			Record keeping and/or financial management	38,061	36,118
Under 25 years	923	421	Estate planning or succession planning	29,172	27,607
25 to 34 years	3,679	2,758			
35 to 44 years	6,113	5,227			

Table 57. Female Producers - Selected Farm Characteristics: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

	Any producer is female	Any principal producer is female		Any producer is female	Any principal producer is female
FARMS AND LAND IN FARMS			FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) - Con.		
Farms	26,059	17,202	Fruit and tree nut farming (1113)	1,508	969
Land in farms	3,928,817	2,284,224	Greenhouse, nursery, and floriculture production (1114)	1,441	984
FARMS BY SIZE			Other crop farming (1119)	6,308	4,189
1 to 9 acres	3,559	2,568	Tobacco farming (11191)	-	-
10 to 49 acres	10,709	7,469	Cotton farming (11192)	-	-
50 to 179 acres	7,475	4,744	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	6,308	4,189
180 to 499 acres	2,659	1,474	Beef cattle ranching and farming (112111)	3,288	2,087
500 acres or more	1,657	947	Cattle feedlots (112112)	159	83
OWNED AND RENTED LAND IN FARMS			Dairy cattle and milk production (11212)	726	376
Owned land in farms	25,263	16,671	Hog and pig farming (1122)	405	241
Rented or leased land in farms	2,502,156	1,510,320	Poultry and egg production (1123)	630	441
	6,701	3,798	Sheep and goat farming (1124)	1,324	998
	1,426,661	773,904	Aquaculture and other animal production (1125, 1129) (see text)	4,554	3,475
TENURE			OTHER FARM CHARACTERISTICS		
Full owners	19,358	13,404	Farms by-		
acres	1,203,464	799,750	Type of organization (see text):		
Part owners	5,905	3,267	Operation more than 50 percent owned by one producer's household and/or extended family (see text)	25,305	16,669
Tenants	2,563,907	1,412,178	Limited Liability Company	2,902	2,060
	796	531	Operation's legal status for tax purposes (see text):		
	161,446	72,296	Family or individual	22,374	14,658
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS			Partnership	1,534	1,047
Total	26,059	17,202	Corporation	1,585	1,101
\$1,000	3,238,349	1,967,081	Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	566	396
Market value of agricultural products sold	26,059	17,202	Number of producers (see text):		
\$1,000	3,175,280	1,931,389	1 producer	3,398	3,398
Crops, including nursery and greenhouse crops	15,359	9,457	2 producers	19,253	11,651
\$1,000	1,864,138	1,084,851	3 producers	2,007	1,288
Livestock, poultry, and their products	10,702	7,051	4 producers	1,044	618
\$1,000	1,311,142	846,539	5 or more producers	357	247
Government payments	6,554	3,866	Number of female producers (see text):		
\$1,000	63,069	35,691	1 producer	24,178	15,825
FARMS BY ECONOMIC CLASS (SEE TEXT)			2 producers	1,604	1,164
Less than \$1,000	7,367	5,367	3 producers	198	153
\$1,000 to \$2,499	3,075	2,057	4 producers	58	44
\$2,500 to \$4,999	2,895	2,012	5 or more producers	21	16
\$5,000 to \$9,999	2,965	1,925	Farms reporting-		
\$10,000 to \$24,999	3,119	2,080	Internet access	21,015	13,900
\$25,000 to \$49,999	1,704	1,060	Dial-up	722	489
\$50,000 or more	4,934	2,701	DSL	4,476	2,863
COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS			Cable modem	4,879	3,417
CCC loans (see text)	161	94	Fiber-optic	995	667
\$1,000	19,852	11,682	Mobile internet service for a cell phone or other device (see text)	9,178	6,101
Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs payments	2,078	1,323	Satellite	4,134	2,730
\$1,000	7,449	4,995	Don't know (see text)	1,310	871
Other Federal farm program payments	5,696	3,279	Other Internet service	863	579
\$1,000	55,620	30,696	Farms by number of households sharing in net income of operation:		
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)			1 household	22,645	14,958
Oilseed and grain farming (1111)	4,528	2,513	2 households	2,634	1,717
Vegetable and melon farming (1112)	1,188	846	3 households	510	345
			4 households	175	113
			5 or more households	95	69

Table 58. Female Producers - Selected Producer Characteristics: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	All producers	All principal producers	Characteristics	All producers	All principal producers
Producers .....number	27,955	17,767	Age group - Con.		
Hired managers (see text)	1,066	619	45 to 54 years	5,565	3,524
Primary occupation:			55 to 64 years	8,266	5,380
Farming	9,932	7,065	65 to 74 years	5,503	3,720
Other	18,023	10,702	75 years and over	2,539	1,868
Place of residence:			Average age	55.9	57.4
On farm operated	23,812	15,382	Young producers (see text)	2,894	1,409
Not on farm operated	4,143	2,385	Producers of Hispanic, Latino, or Spanish origin	399	267
Days of work off farm:			Producers by race:		
None	11,651	7,550	American Indian or Alaska Native	157	111
Any	16,304	10,217	Asian	98	71
1 to 49 days	2,350	1,450	Black or African American	133	106
50 to 99 days	1,293	865	Native Hawaiian or Other Pacific Islander	1	1
100 to 199 days	2,443	1,540	White	27,334	17,308
200 days or more	10,218	6,362	More than one race reported	232	170
Years on present farm:			Military service (see text):		
2 years or less	1,880	1,085	Never served	27,611	17,521
3 or 4 years	2,320	1,448	Served	344	246
5 to 9 years	4,260	2,591	Number of persons living in producers' households (see text)	26,379	20,639
10 years or more	19,495	12,643	On farm involvement in decisionmaking (see text):		
Years operating any farm (see text):			Day-to-day decisions	22,348	15,918
5 years or less	4,381	2,561	Land use and/or crop decisions	16,305	12,484
6 to 10 years	3,691	2,285	Livestock decisions	14,482	10,688
11 years or more	19,883	12,921	Record keeping and/or financial management	20,718	14,468
Age group:			Estate planning or succession planning	15,302	10,797
Under 25 years	565	215			
25 to 34 years	2,018	1,004			
35 to 44 years	3,499	2,056			

Table 59. Hispanic, Latino, or Spanish Origin Producers - Selected Farm Characteristics: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Any producer is of Hispanic, Latino, or Spanish origin	Any principal producer is of Hispanic, Latino, or Spanish origin	Characteristics	Any producer is of Hispanic, Latino, or Spanish origin	Any principal producer is of Hispanic, Latino, or Spanish origin
FARMS AND LAND IN FARMS			FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) - Con.		
Farms number	848	721	Other crop farming (1119)	159	137
Land in farms acres	102,710	71,514	Tobacco farming (11191)	-	-
FARMS BY SIZE			Cotton farming (11192)	-	-
1 to 9 acres	125	104	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	159	137
10 to 49 acres	410	361	Beef cattle ranching and farming (11211)	90	74
50 to 179 acres	215	188	Cattle feedlots (11212)	6	4
180 to 499 acres	48	34	Dairy cattle and milk production (11212)	21	17
500 acres or more	50	34	Hog and pig farming (1122)	12	6
OWNED AND RENTED LAND IN FARMS			Poultry and egg production (1123)	21	17
Owned land in farms farms	803	688	Sheep and goat farming (1124)	32	29
..... acres	63,628	46,581	Aquaculture and other animal production (1125, 1129) (see text)	101	95
Rented or leased land in farms farms	209	157	OTHER FARM CHARACTERISTICS		
..... acres	39,082	24,933	Farms by-		
TENURE			Type of organization (see text):		
Full owners farms	639	564	Operation more than 50 percent owned by one producer's household and/or extended family (see text)		
..... acres	32,507	26,564	Limited Liability Company	823	703
Part owners farms	164	124	.....	94	78
..... acres	64,284	40,573	Operation's legal status for tax purposes (see text):		
Tenants farms	45	33	Family or individual	723	637
..... acres	5,919	4,377	Partnership	60	42
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS			Corporation	53	33
Total farms	848	721	Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	12	9
..... \$1,000	143,528	73,836	Number of producers (see text):		
Market value of agricultural products sold farms	848	721	1 producer	255	255
..... \$1,000	141,615	72,399	2 producers	440	366
Crops, including nursery and greenhouse crops farms	563	470	3 producers	101	69
..... \$1,000	83,860	44,582	4 producers	29	16
Livestock, poultry, and their products farms	294	242	5 or more producers	23	15
..... \$1,000	57,754	27,817	Number of male producers (see text):		
Government payments farms	174	142	1 producer	617	542
..... \$1,000	1,913	1,437	2 producers	124	92
FARMS BY ECONOMIC CLASS (SEE TEXT)			3 producers	30	18
Less than \$1,000	191	166	4 producers	4	2
\$1,000 to \$2,499	102	96	5 or more producers	7	3
\$2,500 to \$4,999	89	73	Number of female producers (see text):		
\$5,000 to \$9,999	104	89	1 producer	531	441
\$10,000 to \$24,999	122	109	2 producers	62	43
\$25,000 to \$49,999	55	50	3 producers	6	3
\$50,000 or more	185	138	4 producers	2	1
COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS			5 or more producers	-	-
CCC loans (see text) farms	7	4	Farms reporting-		
..... \$1,000	2,360	1,762	Internet access	657	542
Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs payments farms	60	50	Dial-up	24	21
..... \$1,000	170	138	DSL	145	117
Other Federal farm program payments farms	150	122	Cable modem	152	125
..... \$1,000	1,743	1,298	Fiber-optic	43	37
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)			Mobile internet service for a cell phone or other device (see text)	220	178
Oilseed and grain farming (1111)	125	111	Satellite	131	111
Vegetable and melon farming (1112)	54	41	Don't know (see text)	40	33
Fruit and tree nut farming (1113)	154	140	Other Internet service	29	23
Greenhouse, nursery, and floriculture production (1114)	73	50	Farms by number of households sharing in net income of operation:		
			1 household	700	593
			2 households	100	87
			3 households	25	20
			4 households	8	7
			5 or more households	15	14

Table 60. Hispanic, Latino, or Spanish Origin Producers - Selected Producer Characteristics: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	All producers	All principal producers	Characteristics	All producers	All principal producers
Producers .....number	1,024	782	Age group:		
Sex of producers:			Under 25 years	43	18
Male	625	515	25 to 34 years	68	46
Female	399	267	35 to 44 years	181	129
Hired managers (see text)	74	40	45 to 54 years	263	196
Primary occupation:			55 to 64 years	243	191
Farming	462	340	65 to 74 years	145	131
Other	562	442	75 years and over	81	71
Place of residence:			Average age	52.7	54.4
On farm operated	791	621	Young producers (see text)	128	80
Not on farm operated	233	161	Producers by race:		
Days of work off farm:			American Indian or Alaska Native	29	23
None	381	283	Asian	10	8
Any	643	499	Black or African American	22	14
1 to 49 days	88	57	Native Hawaiian or Other Pacific Islander	3	3
50 to 99 days	56	47	White	938	720
100 to 199 days	85	64	More than one race reported	22	14
200 days or more	414	331	Military service (see text):		
Years on present farm:			Never served	946	708
2 years or less	108	76	Served	78	74
3 or 4 years	99	63	Number of persons living in producers'		
5 to 9 years	189	143	households (see text)	2,277	1,900
10 years or more	628	500	On farm involvement in decisionmaking (see text):		
Years operating any farm (see text):			Day-to-day decisions	877	718
5 years or less	213	136	Land use and/or crop decisions	781	650
6 to 10 years	147	114	Livestock decisions	504	420
11 years or more	664	532	Record keeping and/or financial management	686	570
			Estate planning or succession planning	455	397

This page is intentionally blank to preserve table continuity.

Table 61. Selected Farm Characteristics by Race: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Any producer reporting race as -					
	American Indian or Alaska Native only	American Indian or Alaska Native alone or in combination with other races	Asian only	Asian alone or in combination with other races	Black or African American only	Black or African American alone or in combination with other races
FARMS AND LAND IN FARMS						
Farms number	281	634	132	156	238	330
Land in farms acres	36,656	88,998	8,228	11,406	20,290	30,198
FARMS BY SIZE						
1 to 9 acres	50	109	23	26	72	84
10 to 49 acres	125	271	65	72	106	139
50 to 179 acres	75	164	38	43	45	83
180 to 499 acres	16	46	5	6	10	17
500 acres or more	15	44	1	2	5	7
OWNED AND RENTED LAND IN FARMS						
Owned land in farms farms	281	620	123	147	214	298
..... acres	27,899	54,774	6,317	9,095	11,352	18,620
Rented or leased land in farms farms	66	162	17	19	57	83
..... acres	8,757	34,224	1,911	2,311	8,938	11,578
TENURE						
Full owners farms	215	472	115	137	181	247
..... acres	20,755	33,806	5,583	6,399	8,884	12,317
Part owners farms	66	148	8	10	33	51
..... acres	15,901	49,698	2,472	4,834	(D)	(D)
Tenants farms	-	14	9	9	24	32
..... acres	-	5,494	173	173	(D)	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS						
Total farms	281	634	132	156	238	330
..... \$1,000	17,230	37,924	19,992	26,680	13,947	17,293
Market value of agricultural products sold farms	281	634	132	156	238	330
..... \$1,000	16,900	36,466	19,865	26,479	13,620	16,728
Crops, including nursery and greenhouse crops farms	158	360	83	100	170	227
..... \$1,000	4,743	22,138	18,979	19,302	12,970	15,628
Livestock, poultry, and their products farms	161	322	35	41	73	105
..... \$1,000	12,157	14,328	886	7,177	651	1,100
Government payments farms	43	121	25	32	40	63
..... \$1,000	330	1,458	128	201	326	566
FARMS BY ECONOMIC CLASS						
Less than \$1,000	54	179	31	35	54	76
\$1,000 to \$2,499	46	95	11	15	28	41
\$2,500 to \$4,999	56	95	10	11	39	49
\$5,000 to \$9,999	35	78	22	24	30	45
\$10,000 to \$24,999	47	79	35	37	27	38
\$25,000 to \$49,999	11	26	4	13	22	30
\$50,000 or more	32	82	19	21	38	51
COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS						
CCC loans (see text) farms	-	5	-	-	2	4
..... \$1,000	-	358	-	-	(D)	199
Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs payments farms	19	53	9	13	13	19
..... \$1,000	30	90	45	53	63	70
Other Federal farm program payments farms	36	101	21	27	31	50
..... \$1,000	300	1,368	83	149	263	496
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)						
Oilseed and grain farming (1111)	21	82	17	19	33	48
Vegetable and melon farming (1112)	14	32	14	16	47	49
Fruit and tree nut farming (1113)	20	45	19	25	45	45
Greenhouse, nursery, and floriculture production (1114)	26	37	10	10	17	21
Other crop farming (1119)	56	152	27	37	42	88
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	56	152	27	37	42	88
Beef cattle ranching and farming (11211)	46	103	13	13	28	32
Cattle feedlots (11212)	2	2	-	-	-	-
Dairy cattle and milk production (11212)	9	11	-	1	-	1
Hog and pig farming (1122)	8	16	-	-	-	2
Poultry and egg production (1123)	14	25	6	6	8	8
Sheep and goat farming (1124)	17	23	14	14	1	3
Aquaculture and other animal production (1125, 1129) (see text)	48	106	12	15	17	33
OTHER FARM CHARACTERISTICS						
Farms by-						
Type of organization (see text):						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	269	609	130	151	220	305
Limited Liability Company	28	62	15	24	39	51
Operation's legal status for tax purposes (see text):						
Family or individual	237	541	105	122	199	270

--continued

Table 61. Selected Farm Characteristics by Race: 2017 (continued)

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Any producer reporting race as - con.				
	Native Hawaiian or Other Pacific Islander only	Native Hawaiian or Other Pacific Islander alone or in combination with other races	White only	White alone or in combination with other races	More than one race reported
FARMS AND LAND IN FARMS					
Farms .....number	8	48	47,156	47,334	444
Land in farms .....acres	691	3,853	9,710,923	9,736,949	61,619
FARMS BY SIZE					
1 to 9 acres	2	9	5,043	5,081	66
10 to 49 acres	1	14	16,720	16,790	186
50 to 179 acres	3	17	14,416	14,456	121
180 to 499 acres	2	8	6,280	6,297	41
500 acres or more	-	-	4,697	4,710	30
OWNED AND RENTED LAND IN FARMS					
Owned land in farms .....farms	6	46	45,141	45,314	430
.....acres	649	3,665	5,722,593	5,738,434	35,005
Rented or leased land in farms .....farms	4	9	15,325	15,361	112
.....acres	42	188	3,988,330	3,998,515	26,614
TENURE					
Full owners .....farms	4	39	31,831	31,973	332
.....acres	279	2,471	2,435,368	2,444,516	17,362
Part owners .....farms	2	7	13,310	13,341	98
.....acres	(D)	(D)	6,792,813	6,807,503	38,763
Tenants .....farms	2	2	2,015	2,020	14
.....acres	(D)	(D)	482,742	484,930	5,494
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS					
Total .....farms	8	48	47,156	47,334	444
.....\$1,000	161	2,188	8,364,872	8,374,809	29,053
Market value of agricultural products sold .....farms	8	48	47,156	47,334	444
.....\$1,000	(D)	2,164	8,198,633	8,208,067	27,801
Crops, including nursery and greenhouse crops .....farms	3	23	30,919	31,033	259
.....\$1,000	91	(D)	4,628,146	4,637,084	18,899
Livestock, poultry, and their products .....farms	4	28	17,148	17,213	190
.....\$1,000	(D)	(D)	3,570,486	3,570,983	8,902
Government payments .....farms	2	10	15,236	15,283	97
.....\$1,000	(D)	24	166,239	166,742	1,252
FARMS BY ECONOMIC CLASS					
Less than \$1,000	3	18	10,993	11,043	144
\$1,000 to \$2,499	1	6	4,927	4,958	55
\$2,500 to \$4,999	2	7	4,893	4,918	49
\$5,000 to \$9,999	-	-	5,011	5,030	53
\$10,000 to \$24,999	-	12	5,821	5,837	56
\$25,000 to \$49,999	-	-	3,549	3,554	24
\$50,000 or more	2	5	11,962	11,994	63
COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS					
CCC loans (see text) .....farms	-	-	449	449	5
.....\$1,000	-	-	52,618	52,618	358
Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs payments .....farms	-	2	4,424	4,447	42
.....\$1,000	-	(D)	15,767	15,811	76
Other Federal farm program payments .....farms	2	8	13,642	13,681	81
.....\$1,000	(D)	(D)	150,472	150,930	1,176
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)					
Oilseed and grain farming (1111)	1	4	12,379	12,419	71
Vegetable and melon farming (1112)	-	2	1,763	1,772	20
Fruit and tree nut farming (1113)	-	-	2,493	2,508	37
Greenhouse, nursery, and floriculture production (1114)	-	-	2,292	2,300	13
Other crop farming (1119)	5	19	11,666	11,713	135
Tobacco farming (11191)	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	5	19	11,666	11,713	135
Beef cattle ranching and farming (11211)	-	6	5,527	5,551	64
Cattle feedlots (11212)	-	-	388	388	-
Dairy cattle and milk production (11212)	-	1	1,522	1,523	4
Hog and pig farming (1122)	-	-	713	715	8
Poultry and egg production (1123)	-	-	848	848	11
Sheep and goat farming (1124)	-	-	1,710	1,710	8
Aquaculture and other animal production (1125, 1129) (see text)	2	16	5,855	5,885	73
OTHER FARM CHARACTERISTICS					
Farms by-					
Type of organization (see text):					
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	8	48	45,367	45,537	427
Limited Liability Company	-	11	5,030	5,048	59
Operation's legal status for tax purposes (see text):					
Family or individual	8	37	40,106	40,255	375

--continued

Table 61. Selected Farm Characteristics by Race: 2017 (continued)

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Any producer reporting race as -					
	American Indian or Alaska Native only	American Indian or Alaska Native alone or in combination with other races	Asian only	Asian alone or in combination with other races	Black or African American only	Black or African American alone or in combination with other races
OTHER FARM CHARACTERISTICS - Con.						
Farms by - - Con.						
Operation's legal status for tax purposes (see text): - Con.						
Partnership	9	31	9	13	4	12
Corporation	21	44	17	17	24	34
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	14	18	1	4	11	14
Number of producers (see text):						
1 producer	65	175	25	29	72	113
2 producers	166	361	89	102	133	161
3 producers	24	49	14	17	11	17
4 producers	21	32	2	3	3	10
5 or more producers	5	17	2	5	19	29
Number of male producers (see text):						
1 producer	208	468	93	107	179	229
2 producers	42	78	21	23	17	30
3 producers	5	22	1	6	7	13
4 producers	1	1	2	2	-	6
5 or more producers	3	3	-	-	12	12
Number of female producers (see text):						
1 producer	190	422	107	122	144	197
2 producers	20	40	4	6	22	27
3 producers	9	19	2	5	2	2
4 producers	-	-	-	-	1	9
5 or more producers	-	-	-	-	6	6
Farms reporting-						
Internet access	232	520	109	126	179	248
Dial-up	7	17	-	-	3	3
DSL	53	107	30	34	20	32
Cable modem	61	119	47	50	76	86
Fiber-optic	13	21	3	4	22	22
Mobile internet service for a cell phone or other device (see text)	87	196	47	52	92	116
Satellite	52	126	7	9	19	39
Don't know (see text)	18	44	2	4	13	24
Other internet service	3	17	3	6	5	5
Farms by number of households sharing in net income of operation:						
1 household	242	554	113	135	202	285
2 households	20	49	14	14	29	34
3 households	15	26	2	3	6	10
4 households	2	2	2	3	-	-
5 or more households	2	3	1	1	1	1

--continued

Table 61. Selected Farm Characteristics by Race: 2017 (continued)

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Any producer reporting race as - con.				
	Native Hawaiian or Other Pacific Islander only	Native Hawaiian or Other Pacific Islander alone or in combination with other races	White only	White alone or in combination with other races	More than one race reported
OTHER FARM CHARACTERISTICS - Con.					
Farms by - Con.					
Operation's legal status for tax purposes (see text): - Con.					
Partnership	-	5	3,228	3,241	34
Corporation	-	5	2,849	2,861	30
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	-	1	973	977	5
Number of producers (see text):					
1 producer	3	14	21,413	21,533	131
2 producers	5	28	21,575	21,622	234
3 producers	-	-	2,548	2,553	36
4 producers	-	5	1,165	1,165	17
5 or more producers	-	1	455	461	26
Number of male producers (see text):					
1 producer	7	36	37,579	37,708	315
2 producers	-	-	4,523	4,533	51
3 producers	-	4	1,096	1,097	27
4 producers	-	2	229	235	8
5 or more producers	-	-	109	109	-
Number of female producers (see text):					
1 producer	6	35	23,977	24,046	279
2 producers	-	1	1,604	1,608	26
3 producers	-	1	198	198	14
4 producers	-	-	57	63	8
5 or more producers	-	-	22	22	-
Farms reporting-					
Internet access	5	45	36,390	36,540	364
Dial-up	1	1	1,339	1,343	10
DSL	-	9	7,547	7,580	76
Cable modem	-	9	8,126	8,163	68
Fiber-optic	-	4	1,684	1,684	13
Mobile internet service for a cell phone or other device (see text)	2	27	15,408	15,473	143
Satellite	2	7	6,952	6,990	79
Don't know (see text)	-	1	2,719	2,728	34
Other internet service	-	-	1,367	1,372	17
Farms by number of households sharing in net income of operation:					
1 household	8	44	40,521	40,671	393
2 households	-	1	5,038	5,056	33
3 households	-	3	1,030	1,040	16
4 households	-	-	356	356	1
5 or more households	-	-	211	211	1

Table 62. Selected Farm Characteristics by Race of Principal Producers: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Any principal producer reporting race as -					
	American Indian or Alaska Native only	American Indian or Alaska Native alone or in combination with other races	Asian only	Asian alone or in combination with other races	Black or African American only	Black or African American alone or in combination with other races
FARMS AND LAND IN FARMS						
Farms number	255	557	109	127	221	298
Land in farms acres	34,306	77,990	5,626	8,384	13,761	22,852
FARMS BY SIZE						
1 to 9 acres	38	90	19	22	64	72
10 to 49 acres	117	249	55	64	100	130
50 to 179 acres	70	138	31	36	44	74
180 to 499 acres	16	42	4	4	9	16
500 acres or more	14	38	-	1	4	6
OWNED AND RENTED LAND IN FARMS						
Owned land in farms farms	255	545	102	120	200	269
..... acres	26,923	50,362	4,737	7,125	10,904	17,430
Rented or leased land in farms farms	55	133	12	13	49	71
..... acres	7,383	27,628	889	1,259	2,857	5,422
TENURE						
Full owners farms	200	424	97	114	172	227
..... acres	20,441	31,810	4,483	5,221	8,465	11,418
Part owners farms	55	121	5	6	28	42
..... acres	13,865	40,690	972	2,992	4,941	10,789
Tenants farms	-	12	7	7	21	29
..... acres	-	5,490	171	171	355	645
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS						
Total farms	255	557	109	127	221	298
..... \$1,000	12,078	29,824	19,109	23,944	8,836	11,885
Market value of agricultural products sold farms	255	557	109	127	221	298
..... \$1,000	11,846	28,582	19,049	23,811	8,562	11,380
Crops, including nursery and greenhouse crops farms	148	316	71	84	155	202
..... \$1,000	4,190	20,041	18,343	18,514	7,913	10,398
Livestock, poultry, and their products farms	142	277	24	27	68	93
..... \$1,000	7,655	8,541	706	5,297	648	982
Government payments farms	39	104	18	25	39	55
..... \$1,000	232	1,241	60	133	275	504
FARMS BY ECONOMIC CLASS						
Less than \$1,000	54	163	29	33	49	71
\$1,000 to \$2,499	42	86	7	11	28	40
\$2,500 to \$4,999	46	82	9	10	37	46
\$5,000 to \$9,999	35	69	17	19	30	42
\$10,000 to \$24,999	39	63	30	32	21	26
\$25,000 to \$49,999	11	24	2	6	22	28
\$50,000 or more	28	70	15	16	34	45
COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS						
CCC loans (see text) farms	-	4	-	-	2	4
..... \$1,000	-	315	-	-	(D)	199
Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs payments farms	18	45	6	10	13	16
..... \$1,000	30	72	26	34	63	67
Other Federal farm program payments farms	32	89	14	20	30	45
..... \$1,000	202	1,169	34	99	212	437
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)						
Oilseed and grain farming (1111)	20	75	13	15	31	46
Vegetable and melon farming (1112)	14	31	12	14	44	46
Fruit and tree nut farming (1113)	17	40	18	24	44	44
Greenhouse, nursery, and floriculture production (1114)	22	33	8	8	7	11
Other crop farming (1119)	54	127	20	27	41	77
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	54	127	20	27	41	77
Beef cattle ranching and farming (11211)	41	93	8	8	28	31
Cattle feedlots (11212)	2	2	-	-	-	-
Dairy cattle and milk production (1122)	8	10	-	-	-	1
Hog and pig farming (1122)	8	16	-	-	-	2
Poultry and egg production (1123)	13	21	6	6	8	8
Sheep and goat farming (1124)	17	20	14	14	1	3
Aquaculture and other animal production (1125, 1129) (see text)	39	89	10	11	17	29
OTHER FARM CHARACTERISTICS						
Farms by-						
Type of organization (see text):						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	243	534	108	123	206	278
Limited Liability Company	21	46	13	18	33	39
Operation's legal status for tax purposes (see text):						
Family or individual	213	473	88	100	189	247

--continued

Table 62. Selected Farm Characteristics by Race of Principal Producers: 2017 (continued)

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Any principal producer reporting race as - con.				
	Native Hawaiian or Other Pacific Islander only	Native Hawaiian or Other Pacific Islander alone or in combination with other races	White only	White alone or in combination with other races	More than one race reported
FARMS AND LAND IN FARMS					
Farms .....number	8	38	47,033	47,262	364
Land in farms .....acres	691	2,499	9,698,053	9,729,560	50,697
FARMS BY SIZE					
1 to 9 acres	2	7	5,025	5,075	57
10 to 49 acres	1	12	16,657	16,748	159
50 to 179 acres	3	15	14,398	14,445	90
180 to 499 acres	2	4	6,260	6,287	33
500 acres or more	-	-	4,693	4,707	25
OWNED AND RENTED LAND IN FARMS					
Owned land in farms .....farms	6	36	45,021	45,242	352
.....acres	649	2,457	5,713,558	5,732,000	29,477
Rented or leased land in farms .....farms	4	4	15,289	15,338	87
.....acres	42	42	3,984,495	3,997,560	21,220
TENURE					
Full owners .....farms	4	34	31,744	31,924	277
.....acres	279	2,087	2,429,105	2,439,565	14,584
Part owners .....farms	2	2	13,277	13,318	75
.....acres	(D)	(D)	6,788,126	6,805,065	30,623
Tenants .....farms	2	2	2,012	2,020	12
.....acres	(D)	(D)	480,822	484,930	5,490
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS					
Total .....farms	8	38	47,033	47,262	364
.....\$1,000	161	258	8,356,263	8,368,355	23,725
Market value of agricultural products sold .....farms	8	38	47,033	47,262	364
.....\$1,000	(D)	241	8,190,175	8,201,642	22,606
Crops, including nursery and greenhouse crops .....farms	3	13	30,853	30,995	201
.....\$1,000	91	118	4,620,525	4,631,437	16,789
Livestock, poultry, and their products .....farms	4	23	17,074	17,160	156
.....\$1,000	(D)	123	3,569,650	3,570,205	5,816
Government payments .....farms	2	8	15,217	15,274	78
.....\$1,000	(D)	16	166,088	166,713	1,119
FARMS BY ECONOMIC CLASS					
Less than \$1,000	3	18	10,958	11,026	128
\$1,000 to \$2,499	1	6	4,920	4,954	49
\$2,500 to \$4,999	2	6	4,872	4,900	45
\$5,000 to \$9,999	-	-	4,991	5,020	42
\$10,000 to \$24,999	-	6	5,805	5,828	33
\$25,000 to \$49,999	-	-	3,537	3,548	17
\$50,000 or more	2	2	11,950	11,986	50
COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS					
CCC loans (see text) .....farms	-	-	449	449	4
.....\$1,000	-	-	52,618	52,618	315
Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs payments .....farms	-	2	4,423	4,446	34
.....\$1,000	-	(D)	15,764	15,803	56
Other Federal farm program payments .....farms	2	6	13,624	13,673	68
.....\$1,000	(D)	(D)	150,324	150,910	1,063
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)					
Oilseed and grain farming (1111)	1	2	12,367	12,413	63
Vegetable and melon farming (1112)	-	-	1,762	1,771	19
Fruit and tree nut farming (1113)	-	-	2,479	2,506	29
Greenhouse, nursery, and floriculture production (1114)	-	-	2,287	2,297	13
Other crop farming (1119)	5	14	11,633	11,696	96
Tobacco farming (11191)	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	5	14	11,633	11,696	96
Beef cattle ranching and farming (11211)	-	6	5,513	5,539	59
Cattle feedlots (11212)	-	-	388	388	-
Dairy cattle and milk production (11212)	-	-	1,522	1,523	3
Hog and pig farming (1122)	-	-	710	712	8
Poultry and egg production (1123)	-	-	846	846	8
Sheep and goat farming (1124)	-	-	1,705	1,707	5
Aquaculture and other animal production (1125, 1129) (see text)	2	16	5,821	5,864	61
OTHER FARM CHARACTERISTICS					
Farms by-					
Type of organization (see text):					
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	8	38	45,253	45,469	351
Limited Liability Company	-	6	5,010	5,036	38
Operation's legal status for tax purposes (see text):					
Family or individual	8	33	40,011	40,201	310

--continued

Table 62. Selected Farm Characteristics by Race of Principal Producers: 2017 (continued)

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Any principal producer reporting race as -					
	American Indian or Alaska Native only	American Indian or Alaska Native alone or in combination with other races	Asian only	Asian alone or in combination with other races	Black or African American only	Black or African American alone or in combination with other races
OTHER FARM CHARACTERISTICS - Con.						
Farms by - - Con.						
Operation's legal status for tax purposes (see text): - Con.						
Partnership	9	28	9	12	3	9
Corporation	19	39	12	12	20	30
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	14	17	-	3	9	12
Number of producers (see text):						
1 producer	65	175	25	29	72	113
2 producers	141	298	70	83	118	140
3 producers	24	42	11	12	10	16
4 producers	21	26	1	1	3	5
5 or more producers	4	16	2	2	18	24
Number of male producers (see text):						
1 producer	189	411	74	86	166	210
2 producers	38	67	17	19	14	24
3 producers	5	18	1	2	6	6
4 producers	1	1	2	2	-	6
5 or more producers	2	2	-	-	12	12
Number of female producers (see text):						
1 producer	170	359	85	99	130	173
2 producers	18	31	3	3	22	24
3 producers	9	19	2	2	2	2
4 producers	-	-	-	-	-	6
5 or more producers	-	-	-	-	6	6
Farms reporting-						
Internet access	212	466	86	97	163	222
Dial-up	7	11	-	-	3	3
DSL	45	95	23	25	20	30
Cable modem	60	109	44	47	66	75
Fiber-optic	12	17	1	2	21	21
Mobile internet service for a cell phone or other device (see text)	83	178	40	41	86	106
Satellite	48	119	4	6	17	34
Don't know (see text)	14	40	1	3	13	24
Other internet service	3	15	-	-	5	5
Farms by number of households sharing in net income of operation:						
1 household	218	482	90	107	187	257
2 households	19	45	14	14	27	32
3 households	15	26	2	2	6	8
4 households	1	1	2	3	-	-
5 or more households	2	3	1	1	1	1

--continued

Table 62. Selected Farm Characteristics by Race of Principal Producers: 2017 (continued)

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Any principal producer reporting race as - con.				
	Native Hawaiian or Other Pacific Islander only	Native Hawaiian or Other Pacific Islander alone or in combination with other races	White only	White alone or in combination with other races	More than one race reported
OTHER FARM CHARACTERISTICS - Con.					
Farms by - Con.					
Operation's legal status for tax purposes (see text): - Con.					
Partnership	-	-	3,216	3,233	24
Corporation	-	4	2,835	2,853	26
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	-	1	971	975	4
Number of producers (see text):					
1 producer	3	14	21,413	21,533	131
2 producers	5	24	21,483	21,574	191
3 producers	-	-	2,539	2,546	19
4 producers	-	-	1,145	1,150	5
5 or more producers	-	-	453	459	18
Number of male producers (see text):					
1 producer	7	32	37,486	37,655	270
2 producers	-	-	4,497	4,517	33
3 producers	-	-	1,093	1,094	14
4 producers	-	-	229	235	6
5 or more producers	-	-	109	109	-
Number of female producers (see text):					
1 producer	6	28	23,885	23,996	220
2 producers	-	1	1,586	1,596	14
3 producers	-	-	191	191	10
4 producers	-	-	57	63	6
5 or more producers	-	-	22	22	-
Farms reporting-					
Internet access	5	35	36,295	36,480	302
Dial-up	1	1	1,339	1,343	4
DSL	-	5	7,535	7,571	60
Cable modem	-	6	8,094	8,141	58
Fiber-optic	-	-	1,679	1,680	6
Mobile internet service for a cell phone or other device (see text)	2	22	15,377	15,446	119
Satellite	2	7	6,928	6,976	73
Don't know (see text)	-	1	2,711	2,728	32
Other internet service	-	-	1,361	1,368	12
Farms by number of households sharing in net income of operation:					
1 household	8	37	40,419	40,615	321
2 households	-	1	5,028	5,050	30
3 households	-	-	1,020	1,030	11
4 households	-	-	356	356	1
5 or more households	-	-	210	211	1

Table 63. Selected Producer Characteristics by Race: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	All producers -						
	All producers	American Indian or Alaska Native only	American Indian or Alaska Native alone or in combination with other races	Asian only	Asian alone or in combination with other races	Black or African American only	Black or African American alone or in combination with other races
Producers number	79,404	351	777	155	186	342	466
Sex of producers:							
Male	51,449	194	434	57	76	209	286
Female	27,955	157	343	98	110	133	180
Hired managers (see text)	4,499	17	37	7	16	21	24
Primary occupation:							
Farming	34,706	121	277	45	58	157	199
Other	44,698	230	500	110	128	185	267
Place of residence:							
On farm operated	63,913	285	635	116	135	229	294
Not on farm operated	15,491	66	142	39	51	113	172
Days of work off farm:							
None	33,132	96	230	40	55	123	160
Any	46,272	255	547	115	131	219	306
1 to 49 days	6,652	23	79	7	7	24	43
50 to 99 days	3,277	28	55	7	10	17	24
100 to 199 days	5,906	34	83	18	18	31	38
200 days or more	30,437	170	330	83	96	147	201
Years on present farm:							
2 years or less	4,559	32	70	21	26	44	59
3 or 4 years	5,759	30	104	17	17	30	47
5 to 9 years	11,170	46	107	30	50	50	69
10 years or more	57,916	243	496	87	93	218	291
Years operating any farm (see text):							
5 years or less	10,752	56	187	39	47	68	106
6 to 10 years	9,496	36	76	34	51	46	59
11 years or more	59,156	259	514	82	88	228	301
Age group:							
Under 25 years	1,488	13	24	4	12	10	20
25 to 34 years	5,697	34	65	7	16	24	30
35 to 44 years	9,612	46	142	35	40	28	47
45 to 54 years	14,706	83	162	39	42	59	78
55 to 64 years	23,131	109	210	27	30	88	113
65 to 74 years	16,495	47	131	34	36	73	99
75 years and over	8,275	19	43	9	10	60	79
Average age	56.6	52.6	52.8	53.1	50.7	59.0	58.1
Young producers (see text)	8,012	54	116	18	35	34	52
Producers of Hispanic, Latino, or Spanish origin	1,024	29	47	10	12	22	30
Military service (see text):							
Never served	71,988	305	690	140	171	281	385
Served	7,416	46	87	15	15	61	81
Number of persons living in producers' households (see text)	158,308	715	1,512	204	254	610	855
On farm involvement in decisionmaking (see text):							
Day-to-day decisions	69,711	291	674	136	160	295	401
Land use and/or crop decisions	60,124	259	593	126	139	283	378
Livestock decisions	42,028	220	481	59	71	133	190
Record keeping and/or financial management	58,779	222	527	129	145	249	337
Estate planning or succession planning	44,474	175	435	78	86	191	275

--continued

Table 63. Selected Producer Characteristics by Race: 2017 (continued)

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	All producers - con.				
	Native Hawaiian or Other Pacific Islander only	Native Hawaiian or Other Pacific Islander alone or in combination with other races	White only	White alone or in combination with other races	More than one race reported
Producers number	8	50	78,010	78,527	538
Sex of producers:					
Male	7	25	50,676	50,971	306
Female	1	25	27,334	27,556	232
Hired managers (see text)	-	4	4,424	4,454	30
Primary occupation:					
Farming	3	20	34,188	34,380	192
Other	5	30	43,822	44,147	346
Place of residence:					
On farm operated	6	38	62,868	63,265	409
Not on farm operated	2	12	15,142	15,262	129
Days of work off farm:					
None	1	15	32,703	32,866	169
Any	7	35	45,307	45,661	369
1 to 49 days	3	11	6,532	6,587	63
50 to 99 days	-	2	3,194	3,225	31
100 to 199 days	-	-	5,772	5,823	51
200 days or more	4	22	29,809	30,026	224
Years on present farm:					
2 years or less	1	11	4,409	4,461	52
3 or 4 years	2	9	5,597	5,678	83
5 to 9 years	-	14	10,943	11,036	101
10 years or more	5	16	57,061	57,352	302
Years operating any farm (see text):					
5 years or less	3	22	10,423	10,582	163
6 to 10 years	-	10	9,311	9,374	69
11 years or more	5	18	58,276	58,571	306
Age group:					
Under 25 years	-	-	1,438	1,459	23
25 to 34 years	-	5	5,589	5,630	43
35 to 44 years	-	15	9,392	9,503	111
45 to 54 years	1	12	14,421	14,519	103
55 to 64 years	4	11	22,791	22,891	112
65 to 74 years	3	5	16,232	16,338	106
75 years and over	-	2	8,147	8,187	40
Average age	61.8	48.9	56.7	56.6	52.8
Young producers (see text)	-	12	7,820	7,902	86
Producers of Hispanic, Latino, or Spanish origin	3	6	938	955	22
Military service (see text):					
Never served	5	47	70,778	71,238	479
Served	3	3	7,232	7,289	59
Number of persons living in producers' households (see text)	23	101	155,778	156,728	978
On farm involvement in decisionmaking (see text):					
Day-to-day decisions	8	45	68,502	68,966	479
Land use and/or crop decisions	5	43	59,038	59,436	413
Livestock decisions	7	40	41,300	41,592	309
Record keeping and/or financial management	2	33	57,801	58,166	376
Estate planning or succession planning	3	27	43,703	44,014	324

Table 64. Selected Principal Producer Characteristics by Race: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	All principal producers -						
	All principal producers	American Indian or Alaska Native only	American Indian or Alaska Native alone or in combination with other races	Asian only	Asian alone or in combination with other races	Black or African American only	Black or African American alone or in combination with other races
Producers number	63,627	285	616	119	138	296	393
Sex of producers:							
Male	45,860	174	365	48	61	190	252
Female	17,767	111	251	71	77	106	141
Hired managers (see text)	3,133	9	23	4	13	15	18
Primary occupation:							
Farming	29,347	92	208	36	45	139	171
Other	34,280	193	408	83	93	157	222
Place of residence:							
On farm operated	52,218	236	511	92	105	204	254
Not on farm operated	11,409	49	105	27	33	92	139
Days of work off farm:							
None	26,954	81	188	31	42	109	139
Any	36,673	204	428	88	96	187	254
1 to 49 days	5,241	19	45	6	6	17	26
50 to 99 days	2,619	22	46	7	10	16	21
100 to 199 days	4,604	27	67	6	6	25	29
200 days or more	24,209	136	270	69	74	129	178
Years on present farm:							
2 years or less	3,162	23	46	17	20	40	47
3 or 4 years	4,185	22	80	11	11	26	40
5 to 9 years	8,431	32	72	21	32	38	52
10 years or more	47,849	208	418	70	75	192	254
Years operating any farm (see text):							
5 years or less	7,582	37	132	30	33	59	82
6 to 10 years	7,135	24	54	25	36	36	48
11 years or more	48,910	224	430	64	69	201	263
Age group:							
Under 25 years	636	5	7	3	3	8	10
25 to 34 years	3,762	9	31	4	10	17	20
35 to 44 years	7,283	39	113	24	29	20	32
45 to 54 years	11,612	77	141	30	33	56	73
55 to 64 years	19,013	100	180	25	28	76	98
65 to 74 years	14,060	39	108	32	34	67	93
75 years and over	7,261	16	36	1	1	52	67
Average age	57.9	55.0	54.7	53.6	52.6	59.9	59.8
Young producers (see text)	5,021	18	49	13	19	25	30
Producers of Hispanic, Latino, or Spanish origin	782	23	33	8	10	14	20
Military service (see text):							
Never served	56,809	245	555	104	123	237	316
Served	6,818	40	61	15	15	59	77
Number of persons living in producers' households (see text)	141,581	660	1,399	174	218	558	784
On farm involvement in decisionmaking (see text):							
Day-to-day decisions	59,503	253	566	111	130	266	357
Land use and/or crop decisions	52,579	233	516	105	115	254	339
Livestock decisions	36,078	187	400	52	62	120	167
Record keeping and/or financial management	50,586	204	480	112	124	224	304
Estate planning or succession planning	38,404	168	404	62	69	171	252

--continued

Table 64. Selected Principal Producer Characteristics by Race: 2017 (continued)

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	All principal producers - con.				
	Native Hawaiian or Other Pacific Islander only	Native Hawaiian or Other Pacific Islander alone or in combination with other races	White only	White alone or in combination with other races	More than one race reported
Producers number	8	40	62,503	62,904	416
Sex of producers:					
Male	7	18	45,195	45,434	246
Female	1	22	17,308	17,470	170
Hired managers (see text)	-	1	3,084	3,105	21
Primary occupation:					
Farming	3	12	28,936	29,077	141
Other	5	28	33,567	33,827	275
Place of residence:					
On farm operated	6	33	51,359	51,670	321
Not on farm operated	2	7	11,144	11,234	95
Days of work off farm:					
None	1	10	26,600	26,728	132
Any	7	30	35,903	36,176	284
1 to 49 days	3	8	5,166	5,192	30
50 to 99 days	-	-	2,550	2,574	24
100 to 199 days	-	-	4,504	4,546	42
200 days or more	4	22	23,683	23,864	188
Years on present farm:					
2 years or less	1	6	3,053	3,081	28
3 or 4 years	2	7	4,058	4,124	66
5 to 9 years	-	12	8,273	8,334	67
10 years or more	5	15	47,119	47,365	255
Years operating any farm (see text):					
5 years or less	3	15	7,341	7,453	112
6 to 10 years	-	8	6,999	7,044	51
11 years or more	5	17	48,163	48,407	253
Age group:					
Under 25 years	-	-	616	620	4
25 to 34 years	-	-	3,709	3,730	23
35 to 44 years	-	13	7,111	7,200	89
45 to 54 years	1	10	11,362	11,445	86
55 to 64 years	4	11	18,717	18,798	91
65 to 74 years	3	5	13,828	13,919	91
75 years and over	-	1	7,160	7,192	32
Average age	61.8	51.7	57.9	57.9	55.0
Young producers (see text)	-	5	4,931	4,963	34
Producers of Hispanic, Latino, or Spanish origin	3	6	720	731	14
Military service (see text):					
Never served	5	37	55,841	56,203	377
Served	3	3	6,662	6,701	39
Number of persons living in producers' households (see text)	23	91	139,263	140,142	903
On farm involvement in decisionmaking (see text):					
Day-to-day decisions	8	40	58,469	58,854	396
Land use and/or crop decisions	5	36	51,628	51,971	354
Livestock decisions	7	35	35,456	35,701	256
Record keeping and/or financial management	2	27	49,706	50,035	338
Estate planning or succession planning	3	24	37,704	37,987	296

Table 65. Producers with Military Service - Selected Farm Characteristics: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Any producer with military service	Any principal producer with military service	Characteristics	Any producer with military service	Any principal producer with military service
FARMS AND LAND IN FARMS			FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) - Con.		
Farms	7,163	6,683	Other crop farming (1119)	2,278	2,149
Land in farms	1,097,919	997,254	Tobacco farming (11191)	-	-
FARMS BY SIZE			Cotton farming (11192)	-	-
1 to 9 acres	695	609	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	2,278	2,149
10 to 49 acres	2,786	2,591	Beef cattle ranching and farming (11211)	802	777
50 to 179 acres	2,394	2,296	Cattle feedlots (11212)	40	37
180 to 499 acres	878	816	Dairy cattle and milk production (11212)	114	104
500 acres or more	410	371	Hog and pig farming (1122)	90	83
OWNED AND RENTED LAND IN FARMS			Poultry and egg production (1123)	161	133
Owned land in farms	6,980	6,520	Sheep and goat farming (1124)	260	227
acres	761,088	699,601	Aquaculture and other animal production (1125, 1129) (see text)	926	829
Rented or leased land in farms	1,585	1,481	OTHER FARM CHARACTERISTICS		
acres	336,831	297,653	Farms by-		
TENURE			Type of organization (see text):		
Full owners	5,578	5,202	Operation more than 50 percent owned by one producer's household and/or extended family (see text)		
acres	428,697	405,103	Limited Liability Company		
Part owners	1,402	1,318	6,945	6,476	
acres	631,157	559,704	635	571	
Tenants	183	163	Operation's legal status for tax purposes (see text):		
acres	38,065	32,447	Family or individual		
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS			Partnership		
Total	7,163	6,683	Corporation		
farms	7,163	6,683	Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.		
\$1,000	841,762	766,435	Number of producers (see text):		
Market value of agricultural products sold	7,163	6,683	1 producer		
\$1,000	825,661	752,065	2 producers		
Crops, including nursery and greenhouse crops	4,463	4,187	3 producers		
\$1,000	457,017	399,674	4 producers		
Livestock, poultry, and their products	2,365	2,176	5 or more producers		
\$1,000	368,644	352,392	Number of male producers (see text):		
Government payments	2,029	1,920	1 producer		
\$1,000	16,101	14,370	2 producers		
FARMS BY ECONOMIC CLASS (SEE TEXT)			3 producers		
Less than \$1,000	1,931	1,795	4 producers		
\$1,000 to \$2,499	872	802	5 or more producers		
\$2,500 to \$4,999	816	748	Number of female producers (see text):		
\$5,000 to \$9,999	860	809	1 producer		
\$10,000 to \$24,999	992	945	2 producers		
\$25,000 to \$49,999	507	493	3 producers		
\$50,000 or more	1,185	1,091	4 producers		
COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS			5 or more producers		
CCC loans (see text)	35	32	Farms reporting-		
\$1,000	1,808	1,491	Internet access		
Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs payments	692	659	Dial-up		
\$1,000	2,667	2,539	DSL		
Other Federal farm program payments	1,722	1,623	Cable modem		
\$1,000	13,434	11,830	Fiber-optic		
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)			Mobile internet service for a cell phone or other device (see text)		
Oilseed and grain farming (1111)	1,478	1,409	Satellite		
Vegetable and melon farming (1112)	221	206	Don't know (see text)		
Fruit and tree nut farming (1113)	426	387	Other internet service		
Greenhouse, nursery, and floriculture production (1114)	367	342	Farms by number of households sharing in net income of operation:		
			1 household		
			2 households		
			3 households		
			4 households		
			5 or more households		

Table 66. Producers with Military Service - Selected Producer Characteristics: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	All producers	All principal producers	Characteristics	All producers	All principal producers
Producers number	7,416	6,818	Age group:		
Sex of producers:			Under 25 years	4	2
Male	7,072	6,572	25 to 34 years	83	52
Female	344	246	35 to 44 years	329	278
Hired managers (see text)	167	135	45 to 54 years	690	577
Primary occupation:			55 to 64 years	1,094	981
Farming	3,886	3,644	65 to 74 years	3,122	2,930
Other	3,530	3,174	75 years and over	2,094	1,998
Place of residence:			Average age	67.8	68.4
On farm operated	6,184	5,768	Young producers (see text)	109	70
Not on farm operated	1,232	1,050	Producers of Hispanic, Latino, or Spanish origin	78	74
Days of work off farm:			Producers by race:		
None	4,108	3,840	American Indian or Alaska Native	46	40
Any	3,308	2,978	Asian	15	15
1 to 49 days	605	540	Black or African American	61	59
50 to 99 days	313	281	Native Hawaiian or Other Pacific Islander	3	3
100 to 199 days	481	439	White	7,232	6,662
200 days or more	1,909	1,718	More than one race reported	59	39
Years on present farm:			Number of persons living in producers' households (see text)	15,305	14,535
2 years or less	245	217	On farm involvement in decisionmaking (see text):		
3 or 4 years	342	297	Day-to-day decisions	6,736	6,382
5 to 9 years	668	560	Land use and/or crop decisions	6,035	5,751
10 years or more	6,161	5,744	Livestock decisions	4,074	3,866
Years operating any farm (see text):			Record keeping and/or financial management	5,428	5,221
5 years or less	636	543	Estate planning or succession planning	4,667	4,443
6 to 10 years	550	479			
11 years or more	6,230	5,796			

Table 67. Young Producers - Selected Farm Characteristics: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Any producer is a young producer	Any principal producer is a young producer	Characteristics	Any producer is a young producer	Any principal producer is a young producer
FARMS AND LAND IN FARMS			FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) - Con.		
Farms	6,023	4,269	Greenhouse, nursery, and floriculture production (1114)	323	201
Land in farms	1,518,080	909,857	Other crop farming (1119)	880	607
FARMS BY SIZE			Tobacco farming (11191)	-	-
1 to 9 acres	851	689	Cotton farming (11192)	-	-
10 to 49 acres	2,153	1,577	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	880	607
50 to 179 acres	1,494	1,075	Beef cattle ranching and farming (112111)	908	688
180 to 499 acres	775	506	Cattle feedlots (112112)	60	39
500 acres or more	750	422	Dairy cattle and milk production (11212)	385	221
OWNED AND RENTED LAND IN FARMS			Hog and pig farming (1122)	204	157
Owned land in farms	5,379	3,713	Poultry and egg production (1123)	128	87
acres	755,561	439,087	Sheep and goat farming (1124)	288	206
Rented or leased land in farms	2,786	2,041	Aquaculture and other animal production (1125, 1129) (see text)	500	329
acres	762,519	470,770	OTHER FARM CHARACTERISTICS		
TENURE			Farms by-		
Full owners	3,237	2,228	Type of organization (see text):		
acres	209,935	121,606	Operation more than 50 percent owned by one producer's household and/or extended family (see text)		
Part owners	2,142	1,485	Limited Liability Company		
acres	1,186,171	716,834	5,708		
Tenants	644	556	1,020		
acres	121,974	71,417	Operation's legal status for tax purposes (see text):		
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS			Family or individual		
Total	6,023	4,269	Partnership		
farms	6,023	4,269	Corporation		
\$1,000	1,728,379	1,059,565	Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.		
Market value of agricultural products sold	6,023	4,269	135		
\$1,000	1,703,865	1,045,686	Number of producers (see text):		
Crops, including nursery and greenhouse crops	4,255	3,021	1 producer		
\$1,000	832,308	449,790	2 producers		
Livestock, poultry, and their products	3,011	2,103	3 producers		
\$1,000	871,558	595,896	4 producers		
Government payments	1,741	1,197	5 or more producers		
\$1,000	24,514	13,879	248		
FARMS BY ECONOMIC CLASS (SEE TEXT)			18		
Less than \$1,000	961	660	Number of male producers (see text):		
\$1,000 to \$2,499	603	458	1 producer		
\$2,500 to \$4,999	608	463	2 producers		
\$5,000 to \$9,999	649	503	3 producers		
\$10,000 to \$24,999	738	549	4 producers		
\$25,000 to \$49,999	499	383	5 or more producers		
\$50,000 or more	1,965	1,253	2,941		
COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS			2,076		
CCC loans (see text)	67	48	361		
\$1,000	6,654	4,539	50		
Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs payments	252	166	596		
\$1,000	792	478	715		
Other Federal farm program payments	1,675	1,151	177		
\$1,000	23,723	13,401	2,524		
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)			1,812		
Oilseed and grain farming (1111)	1,671	1,297	671		
Vegetable and melon farming (1112)	380	295	194		
Fruit and tree nut farming (1113)	296	142	137		
			Farms reporting-		
			Internet access		
			Dial-up		
			DSL		
			Cable modem		
			Fiber-optic		
			Mobile internet service for a cell phone or other device (see text)		
			Satellite		
			Don't know (see text)		
			Other internet service		
			4,903		
			99		
			952		
			1,018		
			251		
			2,524		
			957		
			261		
			229		
			Farms by number of households sharing in net income of operation:		
			1 household		
			2 households		
			3 households		
			4 households		
			5 or more households		
			4,767		
			803		
			303		
			88		
			62		
			3,444		
			542		
			196		
			52		
			35		

Table 68. Young Producers - Selected Producer Characteristics: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	All producers	All principal producers	Characteristics	All producers	All principal producers
Producers number	8,012	5,021	Years operating any farm (see text):		
Sex of producers:			5 years or less	3,967	2,352
Male	5,118	3,612	6 to 10 years	2,429	1,579
Female	2,894	1,409	11 years or more	1,616	1,090
Hired managers (see text)	927	425	Producers of Hispanic, Latino, or Spanish origin	128	80
Primary occupation:			Producers by race:		
Farming	3,211	2,028	American Indian or Alaska Native	54	18
Other	4,801	2,993	Asian	18	13
Place of residence:			Black or African American	34	25
On farm operated	5,621	3,642	Native Hawaiian or Other Pacific Islander	-	-
Not on farm operated	2,391	1,379	White	7,820	4,931
Days of work off farm:			More than one race reported	86	34
None	2,083	1,182	Military service (see text):		
Any	5,929	3,839	Never served	7,903	4,951
1 to 49 days	896	570	Served	109	70
50 to 99 days	391	191	Number of persons living in producers'		
100 to 199 days	710	455	households (see text)	16,336	12,858
200 days or more	3,932	2,623	On farm involvement in decisionmaking (see text):		
Years on present farm:			Day-to-day decisions	6,692	4,714
2 years or less	1,735	1,009	Land use and/or crop decisions	5,847	4,221
3 or 4 years	1,883	1,148	Livestock decisions	4,559	3,187
5 to 9 years	2,802	1,839	Record keeping and/or financial management	5,233	4,028
10 years or more	1,592	1,025	Estate planning or succession planning	3,106	2,407

Table 69. New and Beginning Producers - Selected Farm Characteristics: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Any producer is a new and beginning producer	Any principal producer is a new and beginning producer	Characteristics	Any producer is a new and beginning producer	Any principal producer is a new and beginning producer
FARMS AND LAND IN FARMS			FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) - Con.		
Farms	13,314	11,396	Greenhouse, nursery, and floriculture production (1114) ..	773	640
Land in farms	1,952,004	1,342,566	Other crop farming (1119)	2,759	2,412
FARMS BY SIZE			Tobacco farming (11191)	-	-
1 to 9 acres	2,421	2,262	Cotton farming (11192)	-	-
10 to 49 acres	5,520	4,909	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	2,759	2,412
50 to 179 acres	3,336	2,812	Beef cattle ranching and farming (11211)	1,802	1,582
180 to 499 acres	1,211	908	Cattle feedlots (11212)	76	52
500 acres or more	826	505	Dairy cattle and milk production (11212)	390	252
OWNED AND RENTED LAND IN FARMS			Hog and pig farming (1122)	345	320
Owned land in farms	12,226	10,382	Poultry and egg production (1123)	423	389
acres	1,071,044	742,530	Sheep and goat farming (1124)	696	614
Rented or leased land in farms	4,176	3,368	Aquaculture and other animal production (1125, 1129) (see text)	1,494	1,283
acres	880,960	600,036	OTHER FARM CHARACTERISTICS		
TENURE			Farms by-		
Full owners	9,138	8,028	Type of organization (see text):		
acres	495,013	399,660	Operation more than 50 percent owned by one producer's household and/or extended family (see text)	12,775	10,939
Part owners	3,088	2,354	Limited Liability Company	2,151	1,845
acres	1,294,795	827,699	Operation's legal status for tax purposes (see text):		
Tenants	1,088	1,014	Family or individual	11,069	9,639
acres	162,196	115,207	Partnership	978	743
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS			Corporation	949	744
Total	13,314	11,396	Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	318	270
\$1,000	1,866,704	1,186,504	Number of producers (see text):		
Market value of agricultural products sold	13,314	11,396	1 producer	4,176	4,176
\$1,000	1,837,186	1,167,839	2 producers	6,686	5,810
Crops, including nursery and greenhouse crops	8,284	6,875	3 producers	1,401	804
\$1,000	991,183	615,711	4 producers	743	405
Livestock, poultry, and their products	5,839	4,920	5 or more producers	308	201
\$1,000	846,003	552,129	Number of male producers (see text):		
Government payments	2,896	2,230	1 producer	9,603	8,795
\$1,000	29,519	18,665	2 producers	2,014	1,229
FARMS BY ECONOMIC CLASS (SEE TEXT)			3 producers	561	354
Less than \$1,000	3,276	2,948	4 producers	136	68
\$1,000 to \$2,499	1,730	1,612	5 or more producers	67	46
\$2,500 to \$4,999	1,643	1,465	Number of female producers (see text):		
\$5,000 to \$9,999	1,608	1,449	1 producer	7,633	6,524
\$10,000 to \$24,999	1,594	1,377	2 producers	1,014	625
\$25,000 to \$49,999	866	730	3 producers	140	90
\$50,000 or more	2,597	1,815	4 producers	42	24
COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS			5 or more producers	20	13
CCC loans (see text)	73	53	Farms reporting-		
\$1,000	6,501	4,235	Internet access	10,758	9,121
Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs payments	731	603	Dial-up	230	183
\$1,000	2,005	1,670	DSL	2,224	1,862
Other Federal farm program payments	2,614	1,978	Cable modem	2,642	2,279
\$1,000	27,514	16,995	Fiber-optic	560	477
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)			Mobile internet service for a cell phone or other device (see text)	4,887	4,089
Oilseed and grain farming (1111)	2,738	2,259	Satellite	2,038	1,714
Vegetable and melon farming (1112)	855	767	Don't know (see text)	610	539
Fruit and tree nut farming (1113)	963	826	Other internet service	467	361
			Farms by number of households sharing in net income of operation:		
			1 household	11,359	9,928
			2 households	1,425	1,085
			3 households	340	244
			4 households	112	84
			5 or more households	78	55

Table 70. New and Beginning Producers - Selected Producer Characteristics: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Characteristics	All producers	All principal producers	Characteristics	All producers	All principal producers
Producers number	20,248	14,717	Age group: - Con.		
Sex of producers:			75 years and over	323	276
Male	12,176	9,871	Average age	44.3	45.9
Female	8,072	4,846	Young producers (see text)	5,963	3,834
Hired managers (see text)	1,180	610	Producers of Hispanic, Latino, or Spanish origin	360	250
Primary occupation:			Producers by race:		
Farming	6,114	4,568	American Indian or Alaska Native	92	61
Other	14,134	10,149	Asian	73	55
Place of residence:			Black or African American	114	95
On farm operated	14,564	10,800	Native Hawaiian or Other Pacific Islander	3	3
Not on farm operated	5,684	3,917	White	19,734	14,340
Days of work off farm:			More than one race reported	199	152
None	5,125	3,595	Military service (see text):		
Any	15,123	11,122	Never served	19,062	13,695
1 to 49 days	1,888	1,300	Served	1,186	1,022
50 to 99 days	927	650	Number of persons living in producers'		
100 to 199 days	1,814	1,303	households (see text)	41,648	35,474
200 days or more	10,494	7,869	On farm involvement in decisionmaking (see text):		
Age group:			Day-to-day decisions	17,256	13,634
Under 25 years	1,488	636	Land use and/or crop decisions	14,892	12,092
25 to 34 years	4,393	2,912	Livestock decisions	11,141	8,802
35 to 44 years	4,793	3,649	Record keeping and/or financial management	14,195	11,631
45 to 54 years	4,117	3,147	Estate planning or succession planning	9,162	7,550
55 to 64 years	3,743	2,936			
65 to 74 years	1,391	1,161			

Table 71. Summary by Size of Farm: 2017

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARMS AND LAND IN FARMS						
Farms number	47,641	5,154	16,920	3,697	4,931	3,681
..... percent	100.0	10.8	35.5	7.8	10.4	7.7
Land in farms acres	9,764,090	23,780	439,602	215,779	401,015	427,531
Average size of farm acres	205	5	26	58	81	116
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS						
Total (see text) farms	47,641	5,154	16,920	3,697	4,931	3,681
..... \$1,000	8,388,124	129,345	482,934	163,729	274,351	279,647
Average per farm dollars	176,069	25,096	28,542	44,287	55,638	75,970
Farms by economic class:						
Less than \$1,000 (see text)	11,116	1,923	6,281	845	1,014	504
\$1,000 to \$2,499	5,002	1,139	2,604	399	437	205
\$2,500 to \$4,999	4,972	661	2,614	508	560	319
\$5,000 to \$9,999	5,076	562	2,219	573	796	439
\$10,000 to \$24,999	5,872	409	1,873	795	1,023	723
\$25,000 to \$49,999	3,574	168	495	281	635	757
\$50,000 to \$99,999	3,156	86	372	108	197	410
\$100,000 to \$249,999	3,355	98	203	93	154	200
\$250,000 to \$499,999	2,195	55	88	51	60	70
\$500,000 to \$999,999	1,650	26	77	29	34	29
\$1,000,000 or more	1,673	27	94	15	21	25
\$1,000,000 to \$2,499,999	1,158	24	61	5	8	17
\$2,500,000 to \$4,999,999	304	1	23	4	7	1
\$5,000,000 or more	211	2	10	6	6	7
Total sales farms	47,641	5,154	16,920	3,697	4,931	3,681
..... \$1,000	8,220,935	128,765	477,740	161,246	269,471	274,731
Grains, oilseeds, dry beans, and dry peas farms	16,493	273	2,521	1,001	1,510	1,556
..... \$1,000	2,611,695	377	16,494	12,224	28,231	39,161
Sales of \$50,000 or more farms	7,416	-	1	-	34	172
..... \$1,000	2,471,797	-	(D)	-	(D)	10,168
Corn farms	11,688	114	1,164	539	886	965
..... \$1,000	1,290,882	171	6,641	4,643	11,893	14,369
Sales of \$50,000 or more farms	4,692	-	-	-	19	31
..... \$1,000	1,178,909	-	-	-	2,239	1,871
Wheat farms	4,967	27	181	114	262	317
..... \$1,000	167,092	20	694	595	1,385	2,319
Sales of \$50,000 or more farms	931	-	-	-	-	-
..... \$1,000	107,870	-	-	-	-	-
Soybeans farms	11,961	124	1,361	615	966	1,075
..... \$1,000	998,608	168	8,524	6,534	13,572	21,225
Sales of \$50,000 or more farms	4,743	-	-	-	8	31
..... \$1,000	866,724	-	-	-	449	1,817
Sorghum farms	48	-	3	1	1	8
..... \$1,000	1,386	-	(D)	(D)	(D)	7
Sales of \$50,000 or more farms	8	-	-	-	-	-
..... \$1,000	1,099	-	-	-	-	-
Barley farms	172	6	8	4	11	15
..... \$1,000	736	5	(D)	(D)	(D)	23
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Rice farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Other grains, oilseeds, dry beans, and dry peas farms	2,577	15	215	121	214	190
..... \$1,000	152,991	13	629	443	1,362	1,218
Sales of \$50,000 or more farms	690	-	-	-	1	4
..... \$1,000	137,305	-	-	-	(D)	(D)
Tobacco farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Cotton and cottonseed farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms	3,089	748	1,081	217	223	148
..... \$1,000	535,068	5,427	18,671	8,762	10,209	9,551
Sales of \$50,000 or more farms	675	11	99	37	51	47
..... \$1,000	513,222	1,247	9,638	6,706	8,493	8,460
Fruits, tree nuts, and berries farms	2,876	519	1,058	227	275	215
..... \$1,000	440,718	3,250	25,027	22,305	(D)	34,615
Sales of \$50,000 or more farms	870	5	140	90	91	123
..... \$1,000	420,114	296	15,509	20,409	(D)	33,379
Fruits and tree nuts farms	1,953	324	674	145	194	150
..... \$1,000	294,371	1,796	12,769	8,755	12,684	22,713
Sales of \$50,000 or more farms	616	2	68	45	65	88
..... \$1,000	281,142	(D)	7,103	7,352	10,877	21,788
Berries farms	1,321	253	545	113	133	90
..... \$1,000	146,347	1,455	12,257	13,551	(D)	11,903
Sales of \$50,000 or more farms	262	3	64	45	28	35
..... \$1,000	137,205	168	7,869	12,847	(D)	11,370
Nursery, greenhouse, floriculture, and sod (see text) farms	1,939	671	740	122	124	75
..... \$1,000	739,749	76,238	195,966	46,412	101,097	43,014
Sales of \$50,000 or more farms	725	192	249	51	54	31
..... \$1,000	723,766	70,848	189,317	45,418	99,961	42,188
Cultivated Christmas trees and short rotation woody crops (see text) farms	774	64	268	80	128	68
..... \$1,000	28,732	135	1,333	(D)	3,132	2,394

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
FARMS AND LAND IN FARMS							
Farms .....number	2,230	1,526	1,191	3,591	2,560	1,504	656
.....percent	4.7	3.2	2.5	7.5	5.4	3.2	1.4
Land in farms .....acres	350,242	301,459	283,954	1,289,424	1,787,990	2,029,547	2,213,767
Average size of farm .....acres	157	198	238	359	698	1,349	3,375
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS							
Total (see text) .....farms	2,230	1,526	1,191	3,591	2,560	1,504	656
.....\$1,000	256,663	259,562	146,596	900,887	1,377,733	1,938,653	2,178,023
Average per farm .....dollars	115,095	170,093	123,087	250,874	538,177	1,288,998	3,320,157
Farms by economic class:							
Less than \$1,000 (see text) .....farms	198	110	65	130	41	5	-
\$1,000 to \$2,499 .....farms	101	43	21	38	14	-	1
\$2,500 to \$4,999 .....farms	129	84	29	56	9	3	-
\$5,000 to \$9,999 .....farms	221	105	53	89	18	1	-
\$10,000 to \$24,999 .....farms	398	203	150	253	35	10	-
\$25,000 to \$49,999 .....farms	435	261	174	304	56	5	3
\$50,000 to \$99,999 .....farms	475	425	369	614	85	13	2
\$100,000 to \$249,999 .....farms	162	180	252	1,384	566	61	2
\$250,000 to \$499,999 .....farms	56	74	36	421	1,058	223	3
\$500,000 to \$999,999 .....farms	31	20	26	177	410	738	53
\$1,000,000 or more .....farms	24	21	16	125	268	445	592
\$1,000,000 to \$2,499,999 .....farms	15	16	14	95	202	325	376
\$2,500,000 to \$4,999,999 .....farms	6	3	-	17	53	77	112
\$5,000,000 or more .....farms	3	2	2	13	13	43	104
Total sales .....farms	2,230	1,526	1,191	3,591	2,560	1,504	656
.....\$1,000	251,859	255,385	142,466	880,274	1,342,282	1,896,011	2,140,705
Grains, oilseeds, dry beans, and dry peas .....farms	1,123	869	790	2,600	2,225	1,405	620
.....\$1,000	41,828	41,815	48,183	276,202	528,357	702,745	876,076
Sales of \$50,000 or more .....farms	323	425	470	1,991	2,038	1,348	614
.....\$1,000	21,698	31,392	41,009	262,410	524,322	701,661	875,888
Corn .....farms	776	635	598	2,142	1,964	1,308	597
.....\$1,000	16,516	16,750	19,565	124,167	244,650	348,489	483,026
Sales of \$50,000 or more .....farms	50	65	131	975	1,600	1,231	590
.....\$1,000	3,255	4,606	8,977	94,817	234,224	346,092	482,827
Wheat .....farms	271	266	237	1,033	1,094	772	393
.....\$1,000	2,643	2,714	2,579	16,789	35,924	48,419	53,011
Sales of \$50,000 or more .....farms	2	-	2	32	220	378	297
.....\$1,000	(D)	-	(D)	1,992	16,866	38,298	50,485
Soybeans .....farms	822	661	616	2,117	1,874	1,177	553
.....\$1,000	21,405	20,508	24,387	121,783	219,340	255,086	286,076
Sales of \$50,000 or more .....farms	55	89	181	1,143	1,591	1,101	544
.....\$1,000	3,347	5,587	12,663	93,560	210,724	252,771	285,806
Sorghum .....farms	3	-	1	9	6	9	7
.....\$1,000	2	-	(D)	49	64	448	809
Sales of \$50,000 or more .....farms	-	-	-	-	-	5	3
.....\$1,000	-	-	-	-	-	351	748
Barley .....farms	21	8	7	34	33	19	6
.....\$1,000	41	20	(D)	122	229	223	44
Sales of \$50,000 or more .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Rice .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Other grains, oilseeds, dry beans, and dry peas .....farms	123	141	112	437	444	381	184
.....\$1,000	1,222	1,824	1,648	13,293	28,150	50,080	53,110
Sales of \$50,000 or more .....farms	3	9	10	111	198	227	127
.....\$1,000	212	528	630	9,903	25,160	48,252	52,321
Tobacco .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Cotton and cottonseed .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....farms	87	64	32	146	141	113	89
.....\$1,000	11,909	10,271	5,713	37,900	73,060	133,324	210,272
Sales of \$50,000 or more .....farms	35	18	16	77	100	99	85
.....\$1,000	11,324	9,642	5,592	36,639	72,229	133,007	210,246
Fruits, tree nuts, and berries .....farms	116	94	57	172	87	36	20
.....\$1,000	22,931	27,008	17,070	86,906	95,455	(D)	44,693
Sales of \$50,000 or more .....farms	65	63	35	135	76	30	17
.....\$1,000	22,126	26,487	16,765	86,307	95,321	(D)	(D)
Fruits and tree nuts .....farms	78	79	51	144	71	28	15
.....\$1,000	16,569	22,687	13,409	72,371	69,449	(D)	(D)
Sales of \$50,000 or more .....farms	47	52	30	115	66	25	13
.....\$1,000	16,092	22,288	13,104	71,978	69,367	(D)	(D)
Berries .....farms	48	27	18	49	23	13	9
.....\$1,000	6,362	4,322	3,662	14,535	26,006	22,234	(D)
Sales of \$50,000 or more .....farms	18	12	7	25	13	8	4
.....\$1,000	5,968	4,057	3,517	14,122	25,902	22,175	(D)
Nursery, greenhouse, floriculture, and sod (see text) .....farms	37	32	23	58	35	17	5
.....\$1,000	85,610	7,471	18,640	56,632	45,424	58,750	4,496
Sales of \$50,000 or more .....farms	24	18	16	42	32	12	4
.....\$1,000	85,330	(D)	18,609	56,316	45,399	58,635	(D)
Cultivated Christmas trees and short rotation woody crops (see text) .....farms	46	25	15	40	30	9	1
.....\$1,000	1,088	(D)	299	5,210	6,965	2,350	(D)

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.						
Total (see text) - Con.						
Total sales - Con.						
Cultivated Christmas trees and short rotation woody crops (see text) - Con.						
Sales of \$50,000 or more .....farms	100	-	6	3	19	11
\$1,000	24,752	-	370	(D)	2,140	1,989
Cultivated Christmas trees (see text) .....farms	774	64	268	80	128	68
\$1,000	28,732	135	1,333	(D)	3,132	2,394
Sales of \$50,000 or more .....farms	100	-	6	3	19	11
\$1,000	24,752	-	370	(D)	2,140	1,989
Short rotation woody crops .....farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Sales of \$50,000 or more .....farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Other crops and hay (see text) .....farms	14,059	528	4,356	1,265	1,712	1,414
\$1,000	288,290	516	11,379	6,347	9,926	12,430
Sales of \$50,000 or more .....farms	998	-	3	8	21	31
\$1,000	205,982	-	561	830	1,589	2,624
Maple syrup .....farms	872	82	337	77	90	100
\$1,000	6,254	41	1,223	535	986	1,141
Sales of \$50,000 or more .....farms	28	-	1	1	7	8
\$1,000	3,142	-	(D)	(D)	453	818
Cattle and calves .....farms	9,539	580	2,253	653	894	862
\$1,000	628,397	9,172	62,486	10,364	30,346	29,150
Sales of \$50,000 or more .....farms	1,787	30	147	34	55	55
\$1,000	548,971	6,656	52,150	6,116	23,040	20,607
Milk from cows .....farms	1,652	16	62	51	98	153
\$1,000	1,786,057	5,429	44,556	25,263	37,971	81,357
Sales of \$50,000 or more .....farms	1,498	5	40	29	61	125
\$1,000	1,782,400	5,406	44,171	24,715	36,923	80,634
Hogs and pigs .....farms	2,441	468	903	167	206	146
\$1,000	608,555	(D)	37,303	10,236	8,551	15,348
Sales of \$50,000 or more .....farms	269	7	23	9	16	13
\$1,000	602,829	(D)	35,839	9,910	7,825	14,711
Sheep, goats, wool, mohair, and milk .....farms	2,741	644	1,239	181	256	119
\$1,000	14,796	1,748	3,449	699	1,057	937
Sales of \$50,000 or more .....farms	38	2	3	1	1	5
\$1,000	5,735	(D)	305	(D)	(D)	463
Horses, ponies, mules, burros, and donkeys (see text) .....farms	1,558	202	813	113	116	128
\$1,000	17,091	1,363	8,519	2,133	831	1,032
Sales of \$50,000 or more .....farms	73	3	43	9	2	-
\$1,000	7,723	315	4,069	1,459	(D)	-
Poultry and eggs .....farms	5,300	1,091	2,539	428	450	286
\$1,000	480,253	(D)	43,161	14,674	(D)	821
Sales of \$50,000 or more .....farms	88	7	21	6	4	3
\$1,000	474,074	7,247	40,522	14,019	(D)	386
Aquaculture .....farms	57	9	14	8	7	6
\$1,000	8,834	830	414	(D)	2,894	1,954
Sales of \$50,000 or more .....farms	24	5	3	-	5	4
\$1,000	8,536	788	330	-	(D)	(D)
Other animals and other animal products (see text) .....farms	1,626	387	741	133	124	77
\$1,000	32,700	10,390	8,983	1,284	(D)	2,966
Sales of \$50,000 or more .....farms	103	18	37	6	4	9
\$1,000	28,015	9,511	7,123	898	(D)	2,702
Value of-						
Government payments (see text) .....farms	15,350	299	2,310	867	1,499	1,349
\$1,000	167,189	580	5,195	2,484	4,881	4,916
Landlord's share of total sales (see text) .....farms	1,238	4	85	52	45	94
\$1,000	52,365	(D)	234	198	(D)	867
FOOD MARKETING PRACTICES (SEE TEXT)						
Food sold directly to -						
Consumers .....farms	5,669	1,176	2,353	422	481	361
\$1,000	90,677	4,665	19,172	9,740	9,487	10,698
Retail markets, institutions, and food hubs for local or regionally branded products (see text) .....farms	1,029	169	356	77	86	68
\$1,000	235,827	1,488	5,170	3,542	3,610	7,320
FARM PRODUCTION EXPENSES						
Total farm production expenses ¹ .....farms	47,641	5,154	16,920	3,697	4,931	3,681
\$1,000	7,208,181	130,068	525,694	157,883	249,677	254,213
Average per farm .....dollars	151,302	25,236	31,069	42,706	50,634	69,061
Fertilizer, lime, and soil conditioners purchased .....farms	25,277	1,744	6,012	1,676	2,426	2,223
\$1,000	592,379	2,833	14,161	5,803	10,633	11,525
Farms with expenses of-						
\$1 to \$4,999 .....farms	14,343	1,656	5,633	1,444	1,882	1,425
\$5,000 to \$24,999 .....farms	6,052	64	327	220	520	772
\$25,000 to \$49,999 .....farms	2,042	13	25	4	15	16
\$50,000 or more .....farms	2,840	11	27	8	9	10
Chemicals purchased .....farms	21,160	1,283	4,469	1,262	1,896	1,778
\$1,000	360,374	1,126	5,478	3,624	5,500	8,996
Farms with expenses of-						
\$1 to \$4,999 .....farms	12,912	1,235	4,235	1,116	1,671	1,400
\$5,000 to \$24,999 .....farms	5,049	44	210	120	192	304
\$25,000 to \$49,999 .....farms	1,509	3	18	22	21	40
\$50,000 or more .....farms	1,690	1	6	4	12	34

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.							
Total (see text) - Con.							
Total sales - Con.							
Cultivated Christmas trees and short rotation woody crops (see text) - Con.							
Sales of \$50,000 or more farms	8	8	2	15	21	6	1
..... \$1,000	738	(D)	(D)	4,855	6,742	2,282	(D)
Cultivated Christmas trees (see text) farms	46	25	15	40	30	9	1
..... \$1,000	1,088	(D)	299	5,210	6,965	2,350	(D)
Sales of \$50,000 or more farms	8	8	2	15	21	6	1
..... \$1,000	738	(D)	(D)	4,855	6,742	2,282	(D)
Short rotation woody crops farms	-	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-	-
Other crops and hay (see text) farms	785	622	442	1,304	886	492	253
..... \$1,000	8,128	7,356	6,864	34,534	43,439	56,835	90,535
Sales of \$50,000 or more farms	24	18	35	148	276	266	168
..... \$1,000	1,854	1,400	2,302	18,080	34,517	53,192	89,033
Maple syrup farms	44	29	23	49	25	8	8
..... \$1,000	587	145	495	531	158	99	312
Sales of \$50,000 or more farms	4	1	4	1	-	-	1
..... \$1,000	380	(D)	308	(D)	-	-	(D)
Cattle and calves farms	618	445	378	1,213	955	512	176
..... \$1,000	20,833	9,926	11,010	70,280	110,759	132,496	131,574
Sales of \$50,000 or more farms	59	52	66	309	468	362	150
..... \$1,000	14,034	4,798	6,591	54,240	100,826	129,059	130,854
Milk from cows farms	91	77	62	339	372	236	95
..... \$1,000	44,457	26,097	15,816	181,921	304,462	478,518	540,210
Sales of \$50,000 or more farms	85	73	54	323	372	236	95
..... \$1,000	44,325	25,960	15,709	181,366	304,462	478,518	540,210
Hogs and pigs farms	112	62	30	134	95	81	37
..... \$1,000	6,466	(D)	232	39,502	64,279	107,422	(D)
Sales of \$50,000 or more farms	14	10	2	41	38	62	34
..... \$1,000	6,189	(D)	(D)	39,004	63,963	107,196	(D)
Sheep, goats, wool, mohair, and milk farms	82	38	33	91	34	22	2
..... \$1,000	824	(D)	503	1,627	1,582	(D)	(D)
Sales of \$50,000 or more farms	2	-	2	8	8	6	-
..... \$1,000	(D)	-	(D)	746	1,239	1,746	-
Horses, ponies, mules, burros, and donkeys (see text) farms	58	31	15	52	18	8	4
..... \$1,000	506	389	(D)	1,402	632	201	(D)
Sales of \$50,000 or more farms	-	1	-	7	7	1	-
..... \$1,000	-	(D)	-	960	575	(D)	-
Poultry and eggs farms	163	85	48	117	71	13	9
..... \$1,000	5,290	(D)	17,594	86,446	66,468	(D)	35,959
Sales of \$50,000 or more farms	8	6	3	11	7	4	8
..... \$1,000	5,141	(D)	17,523	86,095	66,389	(D)	(D)
Aquaculture farms	2	1	1	2	4	2	1
..... \$1,000	(D)	(D)	(D)	(D)	311	(D)	(D)
Sales of \$50,000 or more farms	2	-	-	1	3	1	-
..... \$1,000	(D)	-	-	(D)	(D)	(D)	-
Other animals and other animal products (see text) farms	31	31	14	52	14	17	5
..... \$1,000	(D)	428	486	(D)	1,088	997	(D)
Sales of \$50,000 or more farms	3	4	3	5	6	5	3
..... \$1,000	220	329	413	(D)	1,070	876	(D)
Value of-							
Government payments (see text) farms	1,035	790	714	2,480	2,095	1,337	575
..... \$1,000	4,803	4,177	4,130	20,613	35,452	42,642	37,318
Landlord's share of total sales (see text) farms	83	61	85	189	262	198	80
..... \$1,000	513	318	998	3,162	10,673	16,909	18,344
FOOD MARKETING PRACTICES (SEE TEXT)							
Food sold directly to -							
Consumers farms	211	127	116	247	120	42	13
..... \$1,000	5,666	7,251	3,590	9,833	6,205	3,353	1,016
Retail markets, institutions, and food hubs for local or regionally branded products (see text) farms	37	43	21	83	49	31	9
..... \$1,000	5,617	9,743	2,020	36,083	105,070	48,617	7,547
FARM PRODUCTION EXPENSES							
Total farm production expenses ¹ farms	2,230	1,526	1,191	3,591	2,560	1,504	656
..... \$1,000	223,158	238,229	123,986	758,159	1,085,742	1,606,983	1,854,389
Average per farm dollars	100,071	156,113	104,102	211,128	424,118	1,068,472	2,826,812
Fertilizer, lime, and soil conditioners purchased farms	1,502	1,138	925	3,080	2,427	1,473	651
..... \$1,000	12,052	10,952	11,200	62,646	111,815	147,521	191,237
Farms with expenses of-							
\$1 to \$4,999 farms	726	444	310	617	157	45	4
..... \$5,000 to \$24,999 farms	727	624	529	1,527	606	118	18
..... \$25,000 to \$49,999 farms	38	61	75	732	784	255	24
..... \$50,000 or more farms	11	9	11	204	880	1,055	605
Chemicals purchased farms	1,286	1,013	830	2,885	2,360	1,449	649
..... \$1,000	8,321	8,422	7,606	42,981	69,917	86,659	111,744
Farms with expenses of-							
\$1 to \$4,999 farms	913	608	441	956	260	63	14
..... \$5,000 to \$24,999 farms	316	337	349	1,546	1,269	325	37
..... \$25,000 to \$49,999 farms	27	37	16	236	547	461	81
..... \$50,000 or more farms	30	31	24	147	284	600	517

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARM PRODUCTION EXPENSES - Con.						
Total farm production expenses ¹ - Con.						
Seeds, plants, vines, and trees purchased .....farms	20,784	1,470	4,258	1,101	1,783	1,685
\$1,000	604,053	8,917	30,572	6,461	17,836	15,901
Farms with expenses of-						
\$1 to \$999	5,758	1,089	2,584	475	643	407
\$1,000 to \$4,999	4,882	230	1,350	473	758	575
\$5,000 to \$24,999	5,520	82	212	126	351	650
\$25,000 to \$49,999	2,033	21	23	10	17	32
\$50,000 or more	2,981	48	89	17	14	21
Cover crop seed purchased (see text) .....farms	4,189	222	843	236	387	293
\$1,000	9,812	17	196	95	213	188
Livestock and poultry purchased or leased .....farms	11,498	1,807	4,313	764	919	671
\$1,000	390,358	9,269	36,041	9,473	17,125	18,472
Farms with expenses of-						
\$1 to \$4,999	8,346	1,613	3,646	603	710	473
\$5,000 to \$24,999	1,882	163	511	110	155	153
\$25,000 to \$99,999	659	24	98	40	21	25
\$100,000 to \$249,999	295	4	32	6	11	7
\$250,000 or more	316	3	26	5	22	13
Breeding livestock purchased or leased .....farms	4,570	618	1,532	286	381	307
\$1,000	87,771	3,949	8,472	3,712	8,691	8,861
Other livestock and poultry purchased or leased (see text) .....farms	8,630	1,498	3,445	594	689	453
\$1,000	302,587	5,320	27,569	5,761	8,434	9,611
Feed purchased .....farms	22,882	3,128	9,423	1,593	1,948	1,435
\$1,000	1,269,333	20,443	106,104	31,767	36,714	48,653
Farms with expenses of-						
\$1 to \$4,999	16,153	2,635	7,493	1,224	1,456	991
\$5,000 to \$24,999	4,397	444	1,637	300	394	323
\$25,000 to \$99,999	1,147	31	197	48	68	92
\$100,000 to \$249,999	482	9	22	11	17	8
\$250,000 or more	703	9	74	10	13	21
Gasoline, fuels, and oils purchased .....farms	45,095	4,591	15,650	3,486	4,684	3,549
\$1,000	313,479	8,622	26,954	6,866	11,209	12,242
Farms with expenses of-						
\$1 to \$4,999	36,097	4,310	14,859	3,252	4,387	3,179
\$5,000 to \$24,999	6,460	209	694	205	271	328
\$25,000 to \$49,999	1,319	39	53	18	12	24
\$50,000 or more	1,219	33	44	11	14	18
Utilities .....farms	32,201	2,951	9,668	2,187	3,007	2,530
\$1,000	190,561	8,199	24,249	6,275	8,857	8,057
Farms with expenses of-						
\$1 to \$999	13,037	1,704	5,323	1,124	1,568	1,185
\$1,000 to \$4,999	13,346	955	3,735	921	1,177	1,129
\$5,000 to \$24,999	4,573	240	522	119	234	191
\$25,000 to \$49,999	648	26	24	9	16	12
\$50,000 or more	597	26	64	14	12	13
Repairs, supplies, and maintenance costs .....farms	39,756	3,837	12,978	2,999	3,987	3,244
\$1,000	524,438	12,069	48,878	11,803	22,018	20,973
Farms with expenses of-						
\$1 to \$4,999	26,275	3,372	11,140	2,454	3,100	2,288
\$5,000 to \$24,999	9,321	389	1,612	492	797	858
\$25,000 to \$49,999	2,120	48	129	33	60	51
\$50,000 or more	2,040	28	97	20	30	47
Hired farm labor .....farms	11,907	860	2,778	732	914	795
\$1,000	952,388	29,853	91,107	27,608	44,610	39,059
Farms with expenses of-						
\$1 to \$4,999	5,360	493	1,728	434	554	437
\$5,000 to \$24,999	2,464	196	519	136	181	177
\$25,000 to \$99,999	2,359	84	372	108	135	106
\$100,000 to \$249,999	986	57	80	37	27	52
\$250,000 or more	738	30	79	17	17	23
Contract labor .....farms	3,245	234	869	219	278	218
\$1,000	109,346	1,243	8,207	3,800	5,405	8,762
Farms with expenses of-						
\$1 to \$999	679	72	278	51	75	55
\$1,000 to \$4,999	1,001	92	281	83	112	67
\$5,000 to \$24,999	1,014	62	248	48	66	48
\$25,000 to \$49,999	235	5	33	28	13	24
\$50,000 or more	316	3	29	9	12	24
Customwork and custom hauling .....farms	9,567	394	2,014	617	836	932
\$1,000	165,370	1,144	8,294	2,175	4,903	4,425
Farms with expenses of-						
\$1 to \$999	2,733	277	1,104	262	247	243
\$1,000 to \$4,999	3,514	93	697	280	453	513
\$5,000 to \$24,999	2,318	12	152	69	124	154
\$25,000 to \$49,999	490	7	38	1	10	15
\$50,000 or more	512	5	23	5	2	7
Cash rent for land, buildings, and grazing fees .....farms	12,268	243	1,217	554	825	1,025
\$1,000	486,995	484	2,988	1,938	4,094	7,006
Farms with expenses of-						
\$1 to \$4,999	5,375	221	1,128	459	642	739
\$5,000 to \$9,999	1,603	18	44	67	107	179
\$10,000 to \$24,999	1,943	1	24	20	54	82
\$25,000 or more	3,347	3	21	8	22	25

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
FARM PRODUCTION EXPENSES - Con.							
Total farm production expenses ¹ - Con.							
Seeds, plants, vines, and trees purchased farms	1,282	988	841	2,903	2,366	1,458	649
..... \$1,000	32,908	9,546	10,263	66,048	108,665	136,653	160,286
Farms with expenses of-							
\$1 to \$999	210	114	76	131	24	4	1
\$1,000 to \$4,999	343	195	135	312	96	23	2
\$5,000 to \$24,999	677	643	586	1,632	467	89	5
\$25,000 to \$49,999	33	26	36	706	960	154	15
\$50,000 or more	19	10	8	122	819	1,188	626
Cover crop seed purchased (see text) farms	204	165	166	600	475	381	217
..... \$1,000	196	160	190	1,238	1,547	2,587	3,186
Livestock and poultry purchased or leased farms	448	329	254	834	624	386	149
..... \$1,000	8,033	27,648	5,088	45,068	53,853	83,140	77,148
Farms with expenses of-							
\$1 to \$4,999	296	207	131	383	194	77	13
\$5,000 to \$24,999	101	90	96	226	163	92	22
\$25,000 to \$99,999	21	26	20	122	150	80	32
\$100,000 to \$249,999	26	2	6	67	66	51	17
\$250,000 or more	4	4	1	36	51	86	65
Breeding livestock purchased or leased farms	210	152	119	393	296	204	72
..... \$1,000	2,597	1,116	1,208	7,028	10,944	19,242	11,949
Other livestock and poultry purchased or leased (see text) farms	305	212	174	543	387	228	102
..... \$1,000	5,435	26,531	3,880	38,041	42,908	63,898	65,199
Feed purchased farms	894	622	465	1,468	1,083	598	225
..... \$1,000	25,366	77,313	15,779	129,870	167,171	273,814	336,339
Farms with expenses of-							
\$1 to \$4,999	590	398	258	677	306	98	27
\$5,000 to \$24,999	214	150	136	376	297	105	21
\$25,000 to \$99,999	63	49	55	218	184	120	22
\$100,000 to \$249,999	19	9	12	122	128	88	37
\$250,000 or more	8	16	4	75	168	187	118
Gasoline, fuels, and oils purchased farms	2,190	1,508	1,173	3,558	2,551	1,501	654
..... \$1,000	9,414	6,555	6,327	33,711	48,748	64,885	77,946
Farms with expenses of-							
\$1 to \$4,999	1,838	1,193	814	1,729	452	67	17
\$5,000 to \$24,999	312	285	336	1,604	1,587	563	66
\$25,000 to \$49,999	26	19	13	163	333	507	112
\$50,000 or more	14	11	10	62	179	364	459
Utilities farms	1,665	1,272	987	3,283	2,502	1,494	655
..... \$1,000	5,931	5,723	3,629	20,830	25,411	35,068	38,332
Farms with expenses of-							
\$1 to \$999	656	405	273	609	161	23	6
\$1,000 to \$4,999	825	683	563	1,761	1,123	412	62
\$5,000 to \$24,999	162	158	141	795	1,009	723	279
\$25,000 to \$49,999	15	11	6	78	144	195	112
\$50,000 or more	7	15	4	40	65	141	196
Repairs, supplies, and maintenance costs farms	1,993	1,429	1,119	3,489	2,532	1,496	653
..... \$1,000	16,275	12,902	11,884	60,908	82,425	109,714	114,588
Farms with expenses of-							
\$1 to \$4,999	1,220	761	540	1,050	299	45	6
\$5,000 to \$24,999	686	576	503	1,829	1,188	342	49
\$25,000 to \$49,999	50	58	57	423	641	470	100
\$50,000 or more	37	34	19	187	404	639	498
Hired farm labor farms	544	409	336	1,363	1,428	1,147	601
..... \$1,000	39,206	27,252	12,257	95,173	131,528	199,153	215,582
Farms with expenses of-							
\$1 to \$4,999	279	188	165	544	368	153	17
\$5,000 to \$24,999	132	104	91	352	316	208	52
\$25,000 to \$99,999	88	68	51	284	439	433	191
\$100,000 to \$249,999	23	29	20	100	190	203	168
\$250,000 or more	22	20	9	83	115	150	173
Contract labor farms	169	105	95	330	269	290	169
..... \$1,000	9,677	3,625	6,089	12,788	13,173	22,412	14,166
Farms with expenses of-							
\$1 to \$999	37	19	23	34	24	10	1
\$1,000 to \$4,999	59	32	38	85	69	52	31
\$5,000 to \$24,999	50	37	19	135	99	129	73
\$25,000 to \$49,999	7	5	5	27	24	42	22
\$50,000 or more	16	12	10	49	53	57	42
Customwork and custom hauling farms	586	430	406	1,231	1,085	674	362
..... \$1,000	4,292	9,913	2,523	16,030	24,551	35,953	51,168
Farms with expenses of-							
\$1 to \$999	132	94	91	177	72	26	8
\$1,000 to \$4,999	273	185	166	441	269	111	33
\$5,000 to \$24,999	165	129	132	490	516	280	95
\$25,000 to \$49,999	8	12	14	72	126	111	76
\$50,000 or more	8	10	3	51	102	146	150
Cash rent for land, buildings, and grazing fees farms	774	675	612	2,300	2,091	1,333	619
..... \$1,000	6,057	5,432	6,922	39,464	80,960	129,278	202,372
Farms with expenses of-							
\$1 to \$4,999	449	347	286	746	290	62	6
\$5,000 to \$9,999	170	158	138	404	255	54	9
\$10,000 to \$24,999	131	138	140	693	495	148	17
\$25,000 or more	24	32	48	457	1,051	1,069	587

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARM PRODUCTION EXPENSES - Con.						
Total farm production expenses ¹ - Con.						
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....farms	3,900	215	776	167	312	275
\$1,000	54,493	739	2,659	696	1,246	933
Farms with expenses of-						
\$1 to \$999	1,311	112	440	96	165	119
\$1,000 to \$4,999	1,120	66	215	46	98	110
\$5,000 to \$24,999	964	32	105	18	41	40
\$25,000 to \$49,999	233	2	8	3	6	5
\$50,000 or more	272	3	8	4	2	1
Interest expense .....farms	16,660	985	4,365	1,039	1,397	1,252
\$1,000	297,871	4,278	27,498	6,388	9,981	9,367
Farms with expenses of-						
\$1 to \$4,999	7,977	723	2,749	664	830	722
\$5,000 to \$24,999	6,266	249	1,504	345	528	459
\$25,000 to \$99,999	1,895	12	95	26	34	69
\$100,000 or more	522	1	17	4	5	2
Secured by real estate .....farms	13,505	819	3,695	871	1,149	985
\$1,000	212,045	3,305	20,742	4,960	7,706	6,789
Farms with expenses of-						
\$1 to \$999	1,661	218	597	174	172	146
\$1,000 to \$4,999	4,864	385	1,723	376	510	418
\$5,000 to \$24,999	5,227	206	1,293	298	435	383
\$25,000 to \$49,999	890	5	52	17	18	26
\$50,000 or more	863	5	30	6	14	12
Not secured by real estate .....farms	9,651	478	2,068	456	721	727
\$1,000	85,827	973	6,757	1,428	2,274	2,577
Farms with expenses of-						
\$1 to \$999	2,908	225	942	194	318	288
\$1,000 to \$4,999	3,921	215	948	221	320	327
\$5,000 to \$24,999	2,167	34	153	35	78	101
\$25,000 to \$49,999	382	2	15	2	-	9
\$50,000 or more	273	2	10	4	5	2
Property taxes paid .....farms	45,697	4,662	16,339	3,573	4,815	3,521
\$1,000	250,626	9,733	47,207	12,076	17,348	14,780
Farms with expenses of-						
\$1 to \$4,999	33,243	4,357	14,265	2,939	3,966	2,626
\$5,000 to \$9,999	7,118	221	1,624	492	643	679
\$10,000 to \$24,999	3,944	72	388	118	174	196
\$25,000 or more	1,392	12	62	24	32	20
Medical supplies, veterinary, and custom services for livestock (see text) .....farms	16,114	1,972	5,997	1,078	1,325	1,074
\$1,000	101,203	2,184	9,698	2,497	2,723	3,610
Farms with expenses of-						
\$1 to \$4,999	14,254	1,932	5,743	1,037	1,249	988
\$5,000 to \$24,999	1,234	35	213	30	70	77
\$25,000 to \$49,999	282	1	23	3	3	3
\$50,000 to \$99,999	162	3	10	5	-	2
\$100,000 or more	182	1	8	3	3	4
All other production expenses (see text) .....farms	20,261	1,307	4,793	1,283	1,663	1,495
\$1,000	544,913	8,931	35,599	18,633	29,477	21,455
Farms with expenses of-						
\$1 to \$4,999	12,289	1,110	4,039	1,008	1,362	1,159
\$5,000 to \$24,999	5,165	134	584	229	230	262
\$25,000 to \$49,999	1,258	36	79	11	30	26
\$50,000 to \$99,999	784	14	32	18	26	13
\$100,000 or more	765	13	59	17	15	35
Production expenses paid by landlords ¹ .....farms	648	17	63	29	33	43
\$1,000	11,510	5	296	106	101	255
Depreciation expenses claimed .....farms	20,933	1,247	5,119	1,364	1,858	1,715
\$1,000	743,296	11,103	52,073	16,484	21,529	26,604
NET CASH FARM INCOME (SEE TEXT)						
Net cash farm income of operations .....farms	47,641	5,154	16,920	3,697	4,931	3,681
\$1,000	1,496,660	5,576	12,651	22,510	43,979	48,809
Average per farm .....dollars	31,415	1,082	748	6,089	8,919	13,260
Farms with net gains ² number	21,009	1,418	4,756	1,486	2,207	1,895
Average net gain .....dollars	95,516	34,027	33,630	34,438	36,841	42,265
Gain of-						
Less than \$1,000	1,520	227	689	138	199	117
\$1,000 to \$4,999	3,955	447	1,548	400	610	351
\$5,000 to \$9,999	2,764	222	839	275	408	356
\$10,000 to \$24,999	3,887	248	793	347	516	515
\$25,000 to \$49,999	2,581	96	364	144	240	276
\$50,000 or more	6,302	178	523	182	234	280
Farms with net losses number	26,632	3,736	12,164	2,211	2,724	1,786
Average net loss .....dollars	19,151	11,422	12,109	12,965	13,704	17,516
Loss of-						
Less than \$1,000	1,964	360	909	175	243	126
\$1,000 to \$4,999	8,098	1,490	3,912	739	853	475
\$5,000 to \$9,999	6,171	875	3,174	485	584	431
\$10,000 to \$24,999	6,605	768	3,117	577	729	471
\$25,000 to \$49,999	2,046	146	720	137	210	177
\$50,000 or more	1,748	97	332	98	105	106

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
FARM PRODUCTION EXPENSES - Con.							
Total farm production expenses ¹ - Con.							
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms	225	103	125	532	491	405	274
..... \$1,000	1,666	655	630	4,468	7,097	15,692	18,011
Farms with expenses of-							
\$1 to \$999	76	30	44	138	69	18	4
\$1,000 to \$4,999	68	46	31	182	137	88	33
\$5,000 to \$24,999	67	23	47	169	188	146	88
\$25,000 to \$49,999	8	3	2	28	68	55	45
\$50,000 or more	6	1	1	15	29	98	104
Interest expense farms	841	586	540	2,044	1,791	1,235	585
..... \$1,000	9,078	6,768	5,502	32,890	45,098	64,164	76,860
Farms with expenses of-							
\$1 to \$4,999	457	293	271	720	413	103	32
\$5,000 to \$24,999	336	239	224	989	846	431	116
\$25,000 to \$99,999	44	49	41	306	471	536	212
\$100,000 or more	4	5	4	29	61	165	225
Secured by real estate farms	645	456	402	1,566	1,424	1,024	469
..... \$1,000	5,155	4,782	4,257	23,786	32,386	45,567	52,609
Farms with expenses of-							
\$1 to \$999	62	37	50	117	66	16	6
\$1,000 to \$4,999	277	190	150	430	284	101	20
\$5,000 to \$24,999	276	187	168	783	701	397	100
\$25,000 to \$49,999	24	26	22	158	215	241	86
\$50,000 or more	6	16	12	78	158	269	257
Not secured by real estate farms	520	368	347	1,377	1,247	905	437
..... \$1,000	3,923	1,986	1,246	9,103	12,711	18,597	24,250
Farms with expenses of-							
\$1 to \$999	208	125	114	283	156	45	10
\$1,000 to \$4,999	234	177	152	644	454	163	66
\$5,000 to \$24,999	62	59	74	379	534	498	160
\$25,000 to \$49,999	14	3	6	52	75	131	73
\$50,000 or more	2	4	1	19	28	68	128
Property taxes paid farms	2,169	1,462	1,155	3,449	2,490	1,439	623
..... \$1,000	11,140	8,336	6,339	29,589	32,918	32,503	28,656
Farms with expenses of-							
\$1 to \$4,999	1,431	878	693	1,337	530	168	53
\$5,000 to \$9,999	545	432	347	1,174	707	215	39
\$10,000 to \$24,999	170	123	104	835	988	621	155
\$25,000 or more	23	29	11	103	265	435	376
Medical supplies, veterinary, and custom services for livestock (see text) farms	693	502	385	1,325	986	563	214
..... \$1,000	3,491	6,056	1,054	8,642	12,136	21,143	27,970
Farms with expenses of-							
\$1 to \$4,999	636	435	337	1,023	591	224	59
\$5,000 to \$24,999	49	59	45	214	255	148	39
\$25,000 to \$49,999	2	2	2	64	79	71	29
\$50,000 to \$99,999	3	2	-	12	51	53	21
\$100,000 or more	3	4	1	12	10	67	66
All other production expenses (see text) farms	1,123	846	741	2,557	2,320	1,480	653
..... \$1,000	20,251	11,131	10,894	57,053	70,278	149,229	111,982
Farms with expenses of-							
\$1 to \$4,999	803	560	446	1,087	510	156	49
\$5,000 to \$24,999	252	215	238	1,117	1,213	591	100
\$25,000 to \$49,999	40	36	24	189	345	330	112
\$50,000 to \$99,999	14	16	24	88	132	234	173
\$100,000 or more	14	19	9	76	120	169	219
Production expenses paid by landlords ¹ farms	26	16	31	102	115	111	62
..... \$1,000	208	92	263	980	2,289	3,222	3,694
Depreciation expenses claimed farms	1,100	809	748	2,578	2,275	1,470	650
..... \$1,000	20,220	19,366	18,807	87,946	138,876	159,910	170,377
NET CASH FARM INCOME (SEE TEXT)							
Net cash farm income of operations farms	2,230	1,526	1,191	3,591	2,560	1,504	656
..... \$1,000	50,176	29,793	31,491	184,263	332,573	373,351	361,490
Average per farm dollars	22,500	19,523	26,441	51,312	129,911	248,238	551,051
Farms with net gains ² number	1,221	904	806	2,532	2,035	1,199	550
Average net gain dollars	61,512	49,805	52,150	90,274	184,416	355,460	715,825
Gain of-							
Less than \$1,000	39	29	28	37	13	2	2
\$1,000 to \$4,999	183	98	98	159	50	8	3
\$5,000 to \$9,999	208	132	101	155	46	19	3
\$10,000 to \$24,999	350	248	202	489	140	34	5
\$25,000 to \$49,999	207	202	183	555	250	54	10
\$50,000 or more	234	195	194	1,137	1,536	1,082	527
Farms with net losses number	1,009	622	385	1,059	525	305	106
Average net loss dollars	24,707	24,487	27,382	41,843	81,361	173,267	303,906
Loss of-							
Less than \$1,000	49	52	8	30	11	1	-
\$1,000 to \$4,999	261	112	69	137	36	12	2
\$5,000 to \$9,999	191	136	86	149	49	8	3
\$10,000 to \$24,999	277	194	102	264	79	23	4
\$25,000 to \$49,999	140	64	72	205	119	42	14
\$50,000 or more	91	64	48	274	231	219	83

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
NET CASH FARM INCOME (SEE TEXT) - Con.						
Net cash farm income of producers (see text) .....farms	47,641	5,154	16,920	3,697	4,931	3,681
\$1,000	1,389,905	4,323	218	20,992	40,646	46,862
Average per farm .....dollars	29,175	839	13	5,678	8,243	12,731
Producers reporting net gains ² (see text) .....farms	20,859	1,417	4,743	1,473	2,196	1,893
Average net gain .....dollars	91,840	33,167	31,120	33,896	35,619	41,297
Gain of-						
Less than \$1,000	1,519	227	687	136	200	118
\$1,000 to \$4,999	3,929	447	1,548	395	602	354
\$5,000 to \$9,999	2,774	223	833	274	411	356
\$10,000 to \$24,999	3,902	247	804	345	517	516
\$25,000 to \$49,999	2,572	97	367	144	236	271
\$50,000 or more	6,163	176	504	179	230	278
Producers reporting net losses (see text) .....farms	26,782	3,737	12,177	2,224	2,735	1,788
Average net loss .....dollars	19,632	11,419	12,103	13,011	13,738	17,513
Loss of-						
Less than \$1,000	1,976	360	915	176	246	129
\$1,000 to \$4,999	8,122	1,491	3,915	748	850	474
\$5,000 to \$9,999	6,215	875	3,184	486	600	430
\$10,000 to \$24,999	6,601	768	3,112	575	718	471
\$25,000 to \$49,999	2,059	146	716	139	216	178
\$50,000 or more	1,809	97	335	100	105	106
COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)						
Total .....farms	451	-	12	8	10	20
\$1,000	52,640	-	39	60	32	72
INCOME FROM FARM-RELATED SOURCES						
Total income from farm-related sources .....farms	19,796	1,113	5,477	1,506	1,930	1,739
\$1,000	316,717	6,299	55,410	16,664	19,305	23,375
Customwork and other agricultural services .....farms	2,730	104	464	150	182	196
\$1,000	55,394	1,091	5,931	2,087	1,679	2,059
Gross cash rent or share payments .....farms	8,104	584	3,072	860	902	793
\$1,000	86,474	2,495	17,568	6,879	8,674	8,105
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products .....farms	1,836	56	445	176	265	175
\$1,000	16,373	93	1,608	1,394	1,509	1,227
Agri-tourism and recreational services .....farms	754	61	246	51	71	75
\$1,000	20,989	383	5,001	761	914	4,657
Patronage dividends and refunds from cooperatives .....farms	7,139	192	847	297	507	532
\$1,000	29,647	169	1,629	973	1,261	886
Crop and livestock insurance payments received .....farms	2,201	38	149	89	106	151
\$1,000	44,560	302	1,461	1,312	869	1,738
Amount from State and local government agricultural program payments .....farms	464	10	56	20	30	44
\$1,000	3,209	19	77	29	71	79
Other farm-related income sources (see text) .....farms	3,055	233	1,001	185	279	221
\$1,000	60,070	1,747	22,135	3,230	4,327	4,626
LAND USE						
Total cropland .....farms	40,597	2,998	13,202	3,367	4,582	3,500
acres	7,924,480	9,200	215,297	119,261	228,646	264,492
Harvested cropland .....farms	35,147	2,620	10,666	2,793	3,686	3,037
acres	7,214,667	7,292	144,965	85,913	154,142	200,868
Farms by acres harvested:						
1 to 49 acres	19,624	2,620	10,666	2,128	2,164	1,077
50 to 99 acres	4,425	-	-	665	1,522	1,167
100 to 199 acres	3,607	-	-	-	-	793
200 to 499 acres	3,662	-	-	-	-	-
500 to 999 acres	2,056	-	-	-	-	-
1,000 to 1,999 acres	1,228	-	-	-	-	-
2,000 acres or more	545	-	-	-	-	-
Cropland-						
Other pasture and grazing land that could have been used for crops without additional improvements .....farms	3,406	200	1,155	237	395	330
acres	97,239	448	8,188	3,026	8,368	7,304
On which all crops failed or were abandoned .....farms	2,757	86	784	194	356	290
acres	86,579	133	6,282	2,595	6,086	6,646
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed .....farms	11,091	428	3,587	992	1,574	1,070
acres	441,772	1,167	47,230	23,245	51,878	40,836
In summer fallow (see text) .....farms	3,207	73	857	320	437	353
acres	84,223	160	8,632	4,482	8,172	8,838
Total woodland .....farms	24,339	922	7,966	2,218	3,143	2,346
acres	975,652	2,247	82,722	47,273	92,316	87,725
Woodland pastured .....farms	3,772	229	1,377	337	466	345
acres	85,275	567	8,332	3,929	7,386	6,399
Woodland not pastured .....farms	22,448	732	7,187	2,082	2,863	2,231
acres	890,377	1,680	74,390	43,344	84,930	81,326
Permanent pasture and rangeland, other than cropland and woodland pastured .....farms	17,476	1,849	7,863	1,333	1,771	1,252
acres	341,391	5,477	69,748	21,231	33,825	28,149
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. ....farms	32,103	2,957	11,771	2,546	3,414	2,565
acres	522,567	6,856	71,835	28,014	46,228	47,165

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
NET CASH FARM INCOME (SEE TEXT) - Con.							
Net cash farm income of producers (see text) farms	2,230	1,526	1,191	3,591	2,560	1,504	656
..... \$1,000	47,047	27,091	30,050	175,217	313,696	346,168	337,594
Average per farm dollars	21,097	17,753	25,231	48,793	122,537	230,165	514,625
Producers reporting net gains ² (see text) farms	1,209	902	790	2,511	2,010	1,175	540
Average net gain dollars	59,718	46,996	51,626	87,876	179,683	342,783	694,064
Gain of-							
Less than \$1,000	37	28	30	38	14	2	2
\$1,000 to \$4,999	181	99	93	155	45	7	3
\$5,000 to \$9,999	209	136	99	171	41	18	3
\$10,000 to \$24,999	349	245	199	490	158	28	4
\$25,000 to \$49,999	206	199	179	544	258	58	13
\$50,000 or more	227	195	190	1,113	1,494	1,062	515
Producers reporting net losses (see text) farms	1,021	624	401	1,080	550	329	116
Average net loss dollars	24,634	24,518	26,769	42,075	86,305	172,043	320,697
Loss of-							
Less than \$1,000	48	49	10	29	13	1	-
\$1,000 to \$4,999	270	114	73	142	33	10	2
\$5,000 to \$9,999	188	138	95	158	48	10	3
\$10,000 to \$24,999	284	195	103	263	79	31	2
\$25,000 to \$49,999	138	64	66	204	135	43	14
\$50,000 or more	93	64	54	284	242	234	95
COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)							
Total farms	9	7	5	51	99	151	79
..... \$1,000	62	21	8	1,373	5,494	17,485	27,996
INCOME FROM FARM-RELATED SOURCES							
Total income from farm-related sources farms	1,071	798	671	2,308	1,793	998	392
..... \$1,000	16,671	8,460	8,880	41,535	40,581	41,680	37,855
Customwork and other agricultural services farms	123	114	105	460	390	276	166
..... \$1,000	2,469	949	811	6,979	7,930	9,379	14,031
Gross cash rent or share payments farms	415	266	183	530	269	153	77
..... \$1,000	5,573	2,589	3,544	10,658	8,723	6,442	5,224
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products farms	99	70	66	233	129	91	31
..... \$1,000	986	508	923	3,020	2,448	2,156	502
Agri-tourism and recreational services farms	38	19	26	81	48	24	14
..... \$1,000	1,828	813	633	1,582	1,637	2,590	191
Patronage dividends and refunds from cooperatives farms	437	360	350	1,373	1,234	720	290
..... \$1,000	1,078	921	718	3,850	5,488	6,083	6,591
Crop and livestock insurance payments received farms	114	85	119	443	483	304	120
..... \$1,000	1,095	1,229	1,295	7,807	10,528	9,923	7,002
Amount from State and local government agricultural program payments farms	24	31	34	68	70	53	24
..... \$1,000	63	59	165	424	672	952	599
Other farm-related income sources (see text) farms	133	110	85	307	287	142	72
..... \$1,000	3,578	1,392	792	7,214	3,156	4,157	3,716
LAND USE							
Total cropland farms	2,129	1,472	1,142	3,537	2,519	1,496	653
..... acres	226,417	205,451	204,773	998,888	1,543,204	1,842,809	2,066,042
Harvested cropland farms	1,878	1,371	1,073	3,393	2,489	1,490	651
..... acres	177,560	171,552	174,475	886,036	1,454,664	1,759,643	1,997,557
Farms by acres harvested:							
1 to 49 acres	432	214	81	199	30	11	2
50 to 99 acres	466	240	121	201	38	5	-
100 to 199 acres	980	767	448	550	63	6	-
200 to 499 acres	-	150	423	2,443	599	44	3
500 to 999 acres	-	-	-	-	1,759	286	11
1,000 to 1,999 acres	-	-	-	-	-	1,138	90
2,000 acres or more	-	-	-	-	-	-	545
Cropland-							
Other pasture and grazing land that could have been used for crops without additional improvements farms	221	113	118	339	181	89	28
..... acres	8,127	3,867	4,705	20,387	14,892	14,941	2,986
On which all crops failed or were abandoned farms	178	113	92	331	198	95	40
..... acres	5,668	3,376	3,598	19,710	17,188	9,945	5,352
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed farms	643	394	307	857	583	414	242
..... acres	29,247	20,458	17,033	55,993	42,813	53,354	58,518
In summer fallow (see text) farms	205	201	114	358	203	70	16
..... acres	5,815	6,198	4,962	16,762	13,647	4,926	1,629
Total woodland farms	1,431	956	727	2,122	1,434	758	316
..... acres	69,633	53,923	45,697	171,535	141,306	102,290	78,985
Woodland pastured farms	215	130	111	288	173	82	19
..... acres	5,686	4,696	3,408	15,914	13,383	9,595	5,980
Woodland not pastured farms	1,348	889	696	2,013	1,374	722	311
..... acres	63,947	49,227	42,289	155,621	127,923	92,695	73,005
Permanent pasture and rangeland, other than cropland and woodland pastured farms	721	492	369	923	608	230	65
..... acres	20,555	16,191	15,709	45,971	38,707	31,530	14,298
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	1,541	1,072	792	2,392	1,637	964	452
..... acres	33,637	25,894	17,775	73,030	64,773	52,918	54,442

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LAND USE - Con.						
Irrigated land .....farms	5,153	1,063	1,495	280	319	273
.....acres	670,212	1,783	8,182	4,364	7,257	7,316
Harvested cropland .....farms	4,914	1,025	1,365	264	313	252
.....acres	666,976	1,712	7,400	4,158	7,040	7,086
Pastureland and other land .....farms	316	49	166	18	9	25
.....acres	3,236	71	782	206	217	230
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs .....farms	4,478	125	1,136	351	625	433
.....acres	129,038	502	18,169	8,995	20,180	15,551
Land enrolled in crop insurance programs .....farms	8,834	119	691	319	516	630
.....acres	4,549,417	377	14,370	13,490	28,794	49,633
ORGANIC AGRICULTURE						
Total organic product sales .....farms	646	57	155	49	70	65
.....\$1,000	176,069	4,646	4,332	1,054	3,996	4,030
VALUE OF LAND AND BUILDINGS						
Estimated market value of land and buildings .....farms	47,641	5,154	16,920	3,697	4,931	3,681
.....\$1,000	48,385,690	736,612	4,007,507	1,303,095	2,078,393	2,126,412
Average per farm .....dollars	1,015,631	142,920	236,850	352,474	421,495	577,672
Average per acre .....dollars	4,955	30,976	9,116	6,039	5,183	4,974
Farms by value group:						
\$1 to \$49,999 .....farms	2,803	1,511	1,231	41	18	1
.....\$50,000 to \$99,999	3,608	837	2,299	242	189	25
.....\$100,000 to \$199,999	8,893	1,426	5,090	851	912	447
.....\$200,000 to \$499,999	16,453	1,250	7,075	1,960	2,683	1,665
.....\$500,000 to \$999,999	6,887	108	1,041	510	942	1,242
.....\$1,000,000 to \$1,999,999	3,748	20	129	49	120	233
.....\$2,000,000 to \$4,999,999	3,217	2	44	35	41	38
.....\$5,000,000 to \$9,999,999	1,366	-	11	6	25	18
.....\$10,000,000 or more	666	-	-	3	1	12
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment .....farms	47,637	5,152	16,920	3,697	4,931	3,681
.....\$1,000	7,371,356	175,842	773,678	222,744	305,994	321,066
Farms by value group:						
\$1 to \$4,999 .....farms	2,977	776	1,488	215	275	101
.....\$5,000 to \$9,999	3,761	853	1,913	294	344	202
.....\$10,000 to \$19,999	6,473	1,017	3,279	549	724	393
.....\$20,000 to \$49,999	12,446	1,555	5,647	1,239	1,651	978
.....\$50,000 to \$99,999	8,333	612	2,929	813	1,105	1,031
.....\$100,000 to \$199,999	5,550	214	1,142	384	587	624
.....\$200,000 to \$499,999	4,513	118	445	171	215	287
.....\$500,000 or more	3,584	7	77	32	30	65
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups .....farms	36,665	3,367	11,992	2,722	3,559	2,857
.....number	75,227	4,443	16,952	4,182	5,487	4,882
Tractors, all .....farms	39,667	3,018	13,317	3,112	4,161	3,279
.....number	119,056	4,499	24,565	7,602	10,366	9,604
Less than 40 horsepower (PTO) .....farms	21,371	2,069	8,176	1,711	2,267	1,657
.....number	32,779	2,624	11,252	2,733	3,552	2,594
40 to 99 horsepower (PTO) .....farms	27,616	1,368	8,033	2,316	3,026	2,599
.....number	50,072	1,646	11,142	3,798	5,085	4,920
100 horsepower (PTO) or more .....farms	15,281	207	1,723	800	1,198	1,373
.....number	36,205	229	2,171	1,071	1,729	2,090
Grain and bean combines, self-propelled .....farms	10,496	100	754	458	691	811
.....number	12,046	101	808	502	743	875
Cotton pickers and strippers, self-propelled .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	1,818	36	302	96	152	160
.....number	1,989	37	320	102	167	178
Hay balers .....farms	15,006	403	3,908	1,295	1,806	1,641
.....number	19,507	466	4,616	1,653	2,281	2,146
FERTILIZERS AND CHEMICALS						
Commercial fertilizer, lime, and soil conditioners used .....farms	22,234	1,104	4,739	1,418	2,120	1,994
.....acres treated	5,515,923	3,133	66,845	42,461	90,162	130,598
Manure used .....farms	9,687	626	2,650	621	976	796
.....acres treated	825,365	1,501	24,826	10,852	23,150	23,525
Organic fertilizer used (see text) .....farms	1,401	232	462	102	125	129
.....acres treated	82,256	430	4,130	2,640	3,709	6,358
Acres treated to control-						
Insects .....farms	8,158	632	1,677	457	592	573
.....acres	2,171,602	1,472	18,269	12,230	23,502	33,583
Weeds, grass, or brush .....farms	17,875	585	3,120	994	1,578	1,576
.....acres	5,919,857	1,724	43,760	31,119	68,285	107,571
Nematodes .....farms	1,573	55	259	83	90	114
.....acres	407,101	139	3,022	2,177	3,293	5,684
Diseases in crops and orchards .....farms	4,573	407	917	255	327	292
.....acres	944,112	969	9,120	6,399	10,397	13,409

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
LAND USE - Con.							
Irrigated land farms	157	114	92	374	391	337	258
..... acres	6,978	5,363	6,782	51,103	88,859	145,613	336,612
Harvested cropland farms	151	111	89	366	384	336	258
..... acres	6,758	5,309	6,728	50,519	88,678	145,298	336,290
Pastureland and other land farms	11	6	3	11	10	3	5
..... acres	220	54	54	584	181	315	322
CONSERVATION AND CROP INSURANCE							
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs farms	282	167	114	390	373	307	175
..... acres	11,078	7,150	5,438	16,038	9,474	8,948	7,515
Land enrolled in crop insurance programs farms	499	442	402	1,759	1,723	1,169	565
..... acres	55,098	61,682	69,205	481,564	967,430	1,290,401	1,517,373
ORGANIC AGRICULTURE							
Total organic product sales farms	33	24	25	80	54	21	13
..... \$1,000	3,109	3,474	2,326	13,335	13,235	111,437	11,094
VALUE OF LAND AND BUILDINGS							
Estimated market value of land and buildings farms	2,230	1,526	1,191	3,591	2,560	1,504	656
..... \$1,000	1,620,150	1,365,418	1,283,208	5,657,422	8,084,628	9,018,591	11,104,255
Average per farm dollars	726,524	894,769	1,077,421	1,575,445	3,158,058	5,996,404	16,927,217
Average per acre dollars	4,626	4,529	4,519	4,388	4,522	4,444	5,016
Farms by value group:							
\$1 to \$49,999	1	-	-	-	-	-	-
\$50,000 to \$99,999	14	-	2	-	-	-	-
\$100,000 to \$199,999	122	29	8	8	-	-	-
\$200,000 to \$499,999	832	430	253	298	7	-	-
\$500,000 to \$999,999	913	612	456	878	181	4	-
\$1,000,000 to \$1,999,999	295	368	389	1,560	534	51	-
\$2,000,000 to \$4,999,999	33	73	67	785	1,532	543	24
\$5,000,000 to \$9,999,999	12	8	7	47	271	788	173
\$10,000,000 or more	8	6	9	15	35	118	459
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment farms	2,230	1,526	1,191	3,589	2,560	1,504	656
..... \$1,000	249,823	210,195	194,542	885,396	1,253,963	1,409,237	1,368,876
Farms by value group:							
\$1 to \$4,999	55	20	11	29	5	2	-
\$5,000 to \$9,999	68	34	22	22	7	1	1
\$10,000 to \$19,999	196	116	62	100	31	4	2
\$20,000 to \$49,999	492	276	197	325	68	12	6
\$50,000 to \$99,999	591	356	231	521	113	26	5
\$100,000 to \$199,999	468	421	330	943	369	55	13
\$200,000 to \$499,999	315	238	263	1,212	938	279	32
\$500,000 or more	45	65	75	437	1,029	1,125	597
SELECTED MACHINERY AND EQUIPMENT							
Trucks, including pickups farms	1,841	1,341	1,033	3,346	2,488	1,480	639
..... number	3,482	2,697	2,135	8,593	9,064	7,584	5,726
Tractors, all farms	2,096	1,453	1,114	3,480	2,510	1,484	643
..... number	6,807	5,443	4,378	15,385	14,182	10,369	5,856
Less than 40 horsepower (PTO) farms	1,036	681	550	1,448	1,004	549	223
..... number	1,724	1,183	906	2,585	1,920	1,129	577
40 to 99 horsepower (PTO) farms	1,697	1,224	906	2,837	2,064	1,100	446
..... number	3,303	2,634	1,934	6,314	4,947	2,970	1,379
100 horsepower (PTO) or more farms	1,076	899	787	2,822	2,318	1,444	634
..... number	1,780	1,626	1,538	6,486	7,315	6,270	3,900
Grain and bean combines, self-propelled farms	673	591	517	2,043	1,951	1,303	604
..... number	754	644	559	2,295	2,217	1,605	943
Cotton pickers and strippers, self-propelled farms	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-
Forage harvesters, self-propelled farms	83	81	58	252	291	211	96
..... number	94	97	68	281	307	223	115
Hay balers farms	993	727	573	1,681	1,189	591	199
..... number	1,355	1,044	792	2,346	1,706	845	257
FERTILIZERS AND CHEMICALS							
Commercial fertilizer, lime, and soil conditioners used farms	1,365	1,094	885	2,993	2,408	1,463	651
..... acres treated	125,514	129,712	130,102	701,716	1,197,378	1,341,257	1,557,045
Manure used farms	536	410	353	1,155	909	447	208
..... acres treated	22,715	18,382	18,688	112,010	176,227	181,940	211,549
Organic fertilizer used (see text) farms	79	32	33	105	63	24	15
..... acres treated	5,941	3,722	3,237	15,288	16,164	13,136	7,501
Acres treated to control-							
Insects farms	395	324	251	1,018	967	798	474
..... acres	31,575	32,028	29,339	206,630	350,288	569,310	863,376
Weeds, grass, or brush farms	1,172	944	790	2,776	2,300	1,415	625
..... acres	114,109	120,774	126,320	711,020	1,238,273	1,580,875	1,776,027
Nematodes farms	103	66	54	231	190	181	147
..... acres	8,301	6,257	6,386	32,975	52,002	98,499	188,366
Diseases in crops and orchards farms	226	176	134	548	557	448	286
..... acres	14,284	16,207	13,169	79,095	144,815	224,868	411,380

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FERTILIZERS AND CHEMICALS - Con.						
Chemicals used to control growth, thin fruit, ripen, or defoliate	1,490	102	220	74	102	102
farms						
acres on which used	281,266	225	2,080	1,423	2,809	5,347
LAND USE PRACTICES						
Land drained by tile	12,704	444	2,511	799	1,159	1,084
farms						
acres	3,029,891	1,451	39,007	24,199	45,817	67,238
Land artificially drained by ditches	8,363	475	2,546	621	885	657
farms						
acres	1,055,439	1,592	36,255	17,452	34,332	36,732
Land under conservation easement	974	46	184	88	120	114
farms						
acres	72,425	151	2,866	2,793	5,280	6,893
Cropland on which no-till practices were used	8,174	316	1,305	447	681	665
farms						
acres	1,566,334	749	17,423	11,440	23,322	32,473
Cropland on which reduced tillage, excluding no till, practices were used (see text)	7,720	214	960	382	562	611
farms						
acres	2,297,131	475	12,641	10,348	22,363	36,190
Cropland on which intensive tillage practices were used (see text)	11,727	429	2,428	842	1,198	1,143
farms						
acres	2,343,703	1,163	32,939	21,799	43,251	57,002
Cropland planted to a cover crop (excluding CRP)	6,275	347	1,380	410	564	473
farms						
acres	673,205	669	11,807	6,921	11,255	13,899
RENEWABLE ENERGY						
Renewable energy producing systems	3,689	389	1,446	265	345	248
farms						
Solar panels	1,589	222	703	110	152	114
farms						
Wind turbines	625	30	174	30	24	37
farms						
Methane digesters	16	5	2	1	-	1
farms						
Geothermal/geoexchange systems (see text)	1,464	139	603	119	138	81
farms						
Small hydro systems	36	7	14	2	1	7
farms						
Biodiesel production systems (see text)	53	6	18	4	11	2
farms						
Ethanol production systems (see text)	53	1	14	3	6	7
farms						
Other	236	22	76	28	26	23
farms						
Wind rights leased to others	1,519	45	273	77	140	91
farms						
TENURE						
Full owners	32,208	4,540	14,566	2,790	3,784	2,358
farms						
Part owners	13,383	192	1,777	767	1,007	1,151
farms						
Tenants	2,050	422	577	140	140	172
farms						
OWNED AND RENTED LAND						
Land owned	45,709	4,751	16,390	3,576	4,798	3,518
farms						
acres	6,377,759	43,330	558,284	239,838	425,224	415,274
Owned land in farms	45,591	4,732	16,343	3,557	4,791	3,509
farms						
acres	5,758,976	21,779	400,874	185,777	353,609	350,528
Land rented or leased from others	15,551	624	2,404	913	1,158	1,339
farms						
acres	4,040,596	3,441	40,810	32,990	50,541	80,693
Rented or leased land in farms	15,433	614	2,354	907	1,147	1,323
farms						
acres	4,005,114	2,001	38,728	30,002	47,406	77,003
Land rented or leased to others	8,659	697	3,359	966	927	817
farms						
acres	654,265	22,991	159,492	57,049	74,750	68,436
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT)						
Total producers (see text)	80,432	8,710	28,155	6,170	8,025	5,912
Farms by number of producers:						
1 producer	21,709	2,094	7,290	1,772	2,355	1,870
2 producers	21,735	2,752	8,606	1,617	2,262	1,550
3 producers	2,563	198	667	186	185	158
4 producers	1,167	77	248	74	90	72
5 or more producers	467	33	109	48	39	31
Total male producers (see text)	51,989	4,865	16,599	3,908	5,182	3,996
Farms by number of male producers:						
1 producer	37,927	4,121	13,930	3,035	4,151	3,067
2 producers	4,548	248	996	296	348	338
3 producers	1,098	43	148	49	69	56
4 producers	235	20	32	16	23	17
5 or more producers	115	7	19	12	5	3
Total female producers (see text)	28,443	3,845	11,556	2,262	2,843	1,916
Farms by number of female producers:						
1 producer	24,212	3,322	10,026	1,863	2,498	1,665
2 producers	1,622	212	573	138	136	97
3 producers	200	23	79	29	16	12
4 producers	63	3	28	4	5	4
5 or more producers	22	2	7	3	1	1
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT)						
Sex of producers:						
Male	51,449	4,829	16,488	3,862	5,143	3,969
Female	27,955	3,803	11,443	2,190	2,807	1,887
Hired managers (see text)	4,499	295	691	205	192	201
Primary occupation:						
Farming	34,706	2,498	9,131	2,198	3,171	2,482
Other	44,698	6,134	18,800	3,854	4,779	3,374

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
FERTILIZERS AND CHEMICALS - Con.							
Chemicals used to control growth, thin fruit, ripen, or defoliate farms	69	77	46	220	179	172	127
acres on which used	3,989	5,958	4,507	28,846	37,036	67,800	121,246
LAND USE PRACTICES							
Land drained by tile farms	808	566	511	1,820	1,607	973	422
acres	69,838	59,868	63,196	376,851	684,886	759,297	838,243
Land artificially drained by ditches farms	456	304	303	855	674	385	202
acres	31,751	29,209	32,354	137,887	207,631	212,114	278,130
Land under conservation easement farms	51	48	29	115	90	54	35
acres	2,843	4,628	3,062	10,222	9,959	5,506	18,222
Cropland on which no-till practices were used farms	481	386	339	1,287	1,222	732	313
acres	33,881	31,771	37,330	204,798	400,656	408,943	363,548
Cropland on which reduced tillage, excluding no till, practices were used (see text) farms	411	421	356	1,332	1,185	889	397
acres	28,261	37,711	38,705	245,428	427,030	644,933	793,046
Cropland on which intensive tillage practices were used (see text) farms	808	572	505	1,521	1,176	738	367
acres	64,177	54,191	58,248	272,616	451,991	559,079	727,247
Cropland planted to a cover crop (excluding CRP) farms	309	239	214	851	686	516	286
acres	11,230	11,959	11,853	76,329	113,796	166,448	237,039
RENEWABLE ENERGY							
Renewable energy producing systems farms	118	85	64	252	196	180	101
Solar panels farms	45	26	20	61	52	49	35
Wind turbines farms	21	15	10	99	76	60	49
Methane digesters farms	-	-	1	2	2	-	2
Geothermal/geoexchange systems (see text) farms	57	38	31	84	73	72	29
Small hydro systems farms	-	-	-	1	1	2	1
Biodiesel production systems (see text) farms	-	-	1	3	5	5	1
Ethanol production systems (see text) farms	1	-	1	8	5	4	3
Other farms	9	8	8	22	5	8	1
Wind rights leased to others farms	95	53	42	221	226	169	87
TENURE							
Full owners farms	1,306	724	502	1,110	390	115	23
Part owners farms	837	723	636	2,309	2,088	1,306	590
Tenants farms	87	79	53	172	82	83	43
OWNED AND RENTED LAND							
Land owned farms	2,147	1,448	1,141	3,424	2,478	1,424	614
acres	318,699	248,125	227,093	920,195	1,053,215	1,011,615	916,867
Owned land in farms farms	2,143	1,447	1,138	3,419	2,478	1,421	613
acres	277,510	225,352	199,460	846,937	1,008,819	987,662	900,669
Land rented or leased from others farms	932	803	691	2,487	2,175	1,392	633
acres	73,794	76,831	84,984	446,924	786,755	1,045,509	1,317,324
Rented or leased land in farms farms	924	802	689	2,481	2,170	1,389	633
acres	72,732	76,107	84,494	442,487	779,171	1,041,885	1,313,098
Land rented or leased to others farms	435	265	178	532	259	148	76
acres	42,251	23,497	28,123	77,695	51,980	27,577	20,424
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT)							
Total producers (see text) farms	3,606	2,522	1,939	6,160	4,696	2,987	1,550
Farms by number of producers:							
1 producer farms	1,199	814	623	1,804	1,132	574	182
2 producers farms	846	542	451	1,350	955	589	215
3 producers farms	113	91	68	253	291	206	147
4 producers farms	47	65	43	113	146	110	82
5 or more producers farms	25	14	6	71	36	25	30
Total male producers (see text) farms	2,481	1,773	1,376	4,536	3,645	2,378	1,250
Farms by number of male producers:							
1 producer farms	1,822	1,237	975	2,784	1,688	847	270
2 producers farms	226	164	142	495	618	457	220
3 producers farms	39	47	32	158	193	139	125
4 producers farms	3	5	4	35	20	29	31
5 or more producers farms	7	7	1	23	12	12	7
Total female producers (see text) farms	1,125	749	563	1,624	1,051	609	300
Farms by number of female producers:							
1 producer farms	942	633	492	1,337	821	431	182
2 producers farms	74	42	30	97	97	72	54
3 producers farms	4	8	2	10	8	7	2
4 producers farms	4	2	-	7	3	2	1
5 or more producers farms	1	-	1	5	-	1	-
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT)							
Sex of producers:							
Male farms	2,416	1,749	1,371	4,447	3,616	2,330	1,229
Female farms	1,102	738	554	1,552	1,027	580	272
Hired managers (see text) farms	160	156	85	523	764	744	483
Primary occupation:							
Farming farms	1,696	1,308	1,053	3,842	3,546	2,421	1,360
Other farms	1,822	1,179	872	2,157	1,097	489	141

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT) - Con.						
Place of residence:						
On farm operated	63,913	7,057	23,209	4,755	6,209	4,576
Not on farm operated	15,491	1,575	4,722	1,297	1,741	1,280
Days of work off farm:						
None	33,132	2,350	9,704	2,201	3,353	2,505
Any	46,272	6,282	18,227	3,851	4,597	3,351
1 to 49 days	6,652	719	2,396	665	713	456
50 to 99 days	3,277	404	1,216	254	292	278
100 to 199 days	5,906	728	2,226	449	598	475
200 days or more	30,437	4,431	12,389	2,483	2,994	2,142
Years on present farm:						
2 years or less	4,559		1,982	314	423	279
3 or 4 years	5,759	1,203	2,400	423	524	290
5 to 9 years	11,170	1,895	4,538	814	978	676
10 years or more	57,916	4,594	19,011	4,501	6,025	4,611
Average years on present farm	22.7	14.7	19.2	22.2	24.0	25.5
Years operating any farm (see text):						
5 years or less	10,752	2,274	4,658	764	969	547
6 to 10 years	9,496	1,598	3,873	705	856	541
11 years or more	59,156	4,760	19,400	4,583	6,125	4,768
Average years on any farm	24.6	16.3	20.9	24.2	26.0	27.8
Age group:						
Under 25 years	1,488	193	586	108	116	82
25 to 34 years	5,697	813	1,985	358	554	311
35 to 44 years	9,612	1,782	3,458	607	743	534
45 to 54 years	14,706	1,810	5,456	1,088	1,261	997
55 to 64 years	23,131	2,245	8,407	1,795	2,165	1,638
65 to 74 years	16,495	1,329	5,686	1,385	1,981	1,427
75 years and over	8,275	460	2,353	711	1,130	867
Average age	56.6	52.2	55.9	58.0	58.9	59.5
Young producers (see text)	8,012	1,179	2,875	525	705	430
Producers of Hispanic, Latino, or Spanish origin	1,024	139	520	72	106	46
Producers by race:						
American Indian or Alaska Native	351	53	169	28	32	23
Asian	155	26	66	18	12	12
Black or African American	342	96	140	30	34	16
Native Hawaiian or Other Pacific Islander	8	2	1	-	3	-
White	78,010	8,360	27,336	5,921	7,831	5,770
More than one race reported	538	95	219	55	38	35
Military service (see text):						
Never served	71,988	7,902	25,052	5,503	7,051	5,198
Served	7,416	730	2,879	549	899	658
Number of persons living in producers' households (see text)	158,308	17,064	53,015	11,670	15,458	11,924
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	69,711	7,647	24,530	5,286	6,882	5,177
Land use and/or crop decisions	60,124	6,079	20,661	4,573	6,051	4,536
Livestock decisions	42,028	5,045	16,668	3,199	3,920	2,805
Record keeping and/or financial management	58,779	6,175	19,990	4,458	5,943	4,464
Estate planning or succession planning	44,474	4,038	14,915	3,417	4,713	3,519
FARMS BY TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	45,826	5,007	16,488	3,590	4,808	3,565
acres	8,865,787	23,244	428,330	209,587	390,933	414,143
Limited Liability Company	5,084	608	1,564	273	342	346
acres	1,864,099	2,778	38,051	15,983	27,693	40,229
LEGAL STATUS FOR TAX PURPOSES						
Family or individual	40,523	4,562	15,280	3,250	4,419	3,195
acres	6,181,513	21,325	396,727	189,945	359,540	371,367
Partnership	3,246	198	584	181	189	221
acres	2,091,147	834	15,385	10,582	15,272	25,339
Registered under State law	2,620	156	473	141	130	163
acres	1,781,076	640	12,340	8,246	10,477	18,737
Corporation	2,880	306	744	172	200	178
acres	1,315,561	1,188	19,034	9,682	16,304	20,548
Family held	2,540	260	634	142	181	156
acres	1,205,096	1,064	16,192	8,022	14,831	18,123
More than 10 stockholders	32	-	13	1	2	-
10 or less stockholders	2,508	260	621	141	179	156
Other than family held	340	46	110	30	19	22
acres	110,465	124	2,842	1,660	1,473	2,425
More than 10 stockholders	23	5	10	-	1	1
10 or less stockholders	317	41	100	30	18	21
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	992	88	312	94	123	87
acres	175,869	433	8,456	5,570	9,899	10,277

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT) - Con.							
Place of residence:							
On farm operated	2,798	2,003	1,542	4,818	3,707	2,235	1,004
Not on farm operated	720	484	383	1,181	936	675	497
Days of work off farm:							
None	1,614	1,196	901	3,207	2,906	2,043	1,152
Any	1,904	1,291	1,024	2,792	1,737	867	349
1 to 49 days	278	182	161	497	286	212	87
50 to 99 days	134	101	66	269	155	74	34
100 to 199 days	247	158	186	403	278	114	44
200 days or more	1,245	850	611	1,623	1,018	467	184
Years on present farm:							
2 years or less	153	92	74	137	89	51	25
3 or 4 years	157	89	84	258	196	85	50
5 to 9 years	371	212	206	625	432	271	152
10 years or more	2,837	2,094	1,561	4,979	3,926	2,503	1,274
Average years on present farm	27.3	29.1	28.1	29.1	30.1	29.8	28.4
Years operating any farm (see text):							
5 years or less	298	162	164	433	290	122	71
6 to 10 years	335	219	184	537	309	225	114
11 years or more	2,885	2,106	1,577	5,029	4,044	2,563	1,316
Average years on any farm	29.1	30.8	29.7	31.0	32.1	32.2	30.8
Age group:							
Under 25 years	48	29	29	120	103	50	24
25 to 34 years	221	149	142	454	324	230	156
35 to 44 years	315	207	230	621	519	379	217
45 to 54 years	536	376	287	1,056	926	589	324
55 to 64 years	1,013	738	547	1,711	1,470	936	466
65 to 74 years	839	601	423	1,231	857	529	207
75 years and over	546	387	267	806	444	197	107
Average age	59.4	59.8	57.9	57.6	56.3	55.1	53.7
Young producers (see text)	302	197	196	623	476	305	199
Producers of Hispanic, Latino, or Spanish origin	34	15	8	28	29	17	10
Producers by race:							
American Indian or Alaska Native	9	6	7	5	7	10	2
Asian	15	1	2	2	-	1	-
Black or African American	9	1	4	5	1	5	1
Native Hawaiian or Other Pacific Islander	-	2	-	-	-	-	-
White	3,472	2,469	1,901	5,962	4,614	2,881	1,493
More than one race reported	13	8	11	25	21	13	5
Military service (see text):							
Never served	3,147	2,255	1,772	5,477	4,383	2,803	1,445
Served	371	232	153	522	260	107	56
Number of persons living in producers' households (see text)	6,921	4,933	3,912	12,365	10,211	7,044	3,791
On farm involvement in decisionmaking (see text):							
Day-to-day decisions	3,055	2,148	1,685	5,275	4,115	2,589	1,322
Land use and/or crop decisions	2,748	1,939	1,488	4,739	3,753	2,368	1,189
Livestock decisions	1,676	1,165	927	2,807	2,075	1,181	560
Record keeping and/or financial management	2,706	1,892	1,500	4,678	3,612	2,269	1,092
Estate planning or succession planning	2,076	1,491	1,164	3,628	2,761	1,829	923
FARMS BY TYPE OF ORGANIZATION (SEE TEXT)							
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	2,132	1,464	1,134	3,426	2,320	1,340	552
Limited Liability Company	334,971	289,216	270,517	1,231,244	1,614,537	1,806,184	1,852,881
farms	198	145	127	428	483	379	191
acres	30,631	28,629	30,313	156,613	346,821	525,470	620,888
LEGAL STATUS FOR TAX PURPOSES							
Family or individual	1,903	1,299	1,029	2,860	1,643	834	249
farms	299,153	256,470	245,330	1,024,710	1,124,535	1,112,610	779,801
acres	132	119	75	403	534	361	249
Partnership	20,656	23,692	17,749	148,497	387,940	497,233	927,968
Registered under State law	97	89	63	317	454	312	225
farms	15,199	17,674	14,890	116,680	330,045	431,107	805,041
acres							
Corporation	117	60	58	268	342	287	148
farms	18,407	11,904	13,897	95,956	247,300	390,054	471,287
acres	95	57	51	241	315	270	138
Family held	14,905	11,304	12,176	86,811	228,161	367,983	425,524
More than 10 stockholders	2	-	-	4	2	7	1
farms	93	57	51	237	313	263	137
10 or less stockholders							
farms							
Other than family held	22	3	7	27	27	17	10
farms	3,502	600	1,721	9,145	19,139	22,071	45,763
acres	1	-	2	-	-	2	1
More than 10 stockholders	21	3	5	27	27	15	9
10 or less stockholders							
farms							
acres							
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	78	48	29	60	41	22	10
farms	12,026	9,393	6,978	20,261	28,215	29,650	34,711
acres							

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
HIRED FARM LABOR						
Hired farm labor .....farms	11,907	860	2,778	732	914	795
workers	77,475	3,963	11,758	4,168	5,163	4,920
Workers by days worked:						
150 days or more .....farms	5,589	335	909	236	302	276
workers	27,177	1,122	3,027	933	1,354	1,073
Less than 150 days .....farms	9,295	720	2,322	624	764	672
workers	50,298	2,841	8,731	3,235	3,809	3,847
Migrant farm labor on farms with hired labor .....farms	760	8	74	46	64	77
Migrant farm labor on farms reporting only						
contract labor .....farms	68	3	21	8	8	9
Unpaid workers .....farms	23,260	2,629	8,860	1,823	2,483	1,825
workers	54,839	6,495	20,672	4,517	6,152	4,479
FARMS BY SIZE						
1 to 9 acres	5,154	5,154	-	-	-	-
10 to 49 acres	16,920	-	16,920	-	-	-
50 to 69 acres	3,697	-	-	3,697	-	-
70 to 99 acres	4,931	-	-	-	4,931	-
100 to 139 acres	3,681	-	-	-	-	3,681
140 to 179 acres	2,230	-	-	-	-	-
180 to 219 acres	1,526	-	-	-	-	-
220 to 259 acres	1,191	-	-	-	-	-
260 to 499 acres	3,591	-	-	-	-	-
500 to 999 acres	2,560	-	-	-	-	-
1,000 to 1,999 acres	1,504	-	-	-	-	-
2,000 acres or more	656	-	-	-	-	-
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)						
Oilseed and grain farming (1111)	12,466	186	2,011	766	1,151	1,142
Vegetable and melon farming (1112)	1,826	536	703	122	113	70
Fruit and tree nut farming (1113)	2,549	442	1,043	199	222	191
Greenhouse, nursery, and floriculture production (1114)	2,313	667	936	164	206	115
Other crop farming (1119)	11,779	489	4,451	1,408	1,918	1,269
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	11,779	489	4,451	1,408	1,918	1,269
Beef cattle ranching and farming (11211)	5,578	717	2,481	475	616	405
Cattle feedlots (11212)	388	15	52	10	25	47
Dairy cattle and milk production (11212)	1,530	23	90	36	96	135
Hog and pig farming (1122)	715	208	232	47	39	30
Poultry and egg production (1123)	857	214	487	37	52	15
Sheep and goat farming (1124)	1,721	516	914	81	121	35
Aquaculture and other animal production (1125, 1129) (see text)	5,919	1,141	3,520	352	372	227
OTHER FARM CHARACTERISTICS						
Farms reporting-						
Internet access	36,756	4,199	13,073	2,720	3,548	2,678
Dial-up	1,344	109	422	117	129	123
DSL	7,610	897	2,640	577	760	502
Cable modem	8,236	1,342	3,255	547	740	551
Fiber-optic	1,704	207	592	120	148	140
Mobile internet service for a cell phone or other device (see text)	15,570	1,792	5,342	1,098	1,483	1,136
Satellite	7,022	666	2,397	518	697	504
Don't know (see text)	2,748	223	871	221	297	184
Other internet service	1,376	145	537	95	130	103
Farms by number of households sharing in net income of operation:						
1 household	40,932	4,706	15,451	3,207	4,344	3,186
2 households	5,092	378	1,201	391	452	401
3 households	1,046	44	156	66	84	60
4 households	356	17	58	21	25	18
5 or more households	215	9	54	12	26	16
LIVESTOCK						
Cattle and calves inventory .....farms	12,221	850	3,513	896	1,202	1,098
number	1,201,383	10,274	78,724	25,082	35,240	45,753
Farms with-						
1 to 9	4,620	704	2,310	420	390	303
10 to 49	4,550	111	1,052	434	689	605
50 to 99	1,132	18	43	17	88	148
100 to 199	765	10	36	13	19	31
200 to 499	681	6	50	8	10	5
500 or more	473	1	22	4	6	6
Cows and heifers that calved .....farms	9,243	576	2,617	690	958	891
number	545,554	4,232	26,592	11,995	17,790	28,806
Beef cows .....farms	7,445	534	2,438	603	823	719
number	103,522	2,695	14,554	5,585	9,073	8,929
Farms with-						
1 to 9	4,341	484	2,035	396	446	369
10 to 49	2,755	40	398	201	366	337
50 to 99	263	10	3	5	11	12
100 to 199	68	-	1	1	-	1
200 to 499	16	-	1	-	-	-
500 or more	2	-	-	-	-	-
Milk cows .....farms	2,158	54	270	113	176	205
number	442,032	1,537	12,038	6,410	8,717	19,877
Farms with-						
1 to 9	582	49	220	69	101	63

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
HIRED FARM LABOR							
Hired farm labor farms	544	409	336	1,363	1,428	1,147	601
Workers by days worked:	3,731	2,908	1,604	8,220	11,516	10,419	9,105
150 days or more farms	221	172	147	647	932	881	531
Workers	1,213	788	456	2,760	4,048	5,482	4,921
Less than 150 days farms	436	332	270	1,033	955	755	412
Workers	2,518	2,120	1,148	5,460	7,468	4,937	4,184
Migrant farm labor on farms with hired labor farms	46	44	23	117	116	89	56
Migrant farm labor on farms reporting only contract labor farms	1	1	1	13	3	-	-
Unpaid workers farms	1,061	655	564	1,612	1,023	526	199
Workers	2,472	1,415	1,342	3,575	2,190	1,076	454
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	2,230	-	-	-	-	-	-
180 to 219 acres	-	1,526	-	-	-	-	-
220 to 259 acres	-	-	1,191	-	-	-	-
260 to 499 acres	-	-	-	3,591	-	-	-
500 to 999 acres	-	-	-	-	2,560	-	-
1,000 to 1,999 acres	-	-	-	-	-	1,504	-
2,000 acres or more	-	-	-	-	-	-	656
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)							
Oilseed and grain farming (1111)	855	680	620	1,933	1,646	1,014	462
Vegetable and melon farming (1112)	47	24	10	54	58	56	33
Fruit and tree nut farming (1113)	102	73	44	144	65	17	7
Greenhouse, nursery, and floriculture production (1114)	57	33	21	63	44	6	1
Other crop farming (1119)	667	419	274	612	171	71	30
Tobacco farming (11191)	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	667	419	274	612	171	71	30
Beef cattle ranching and farming (112111)	250	124	106	249	105	41	9
Cattle feedlots (112112)	29	23	20	77	54	25	11
Dairy cattle and milk production (11212)	83	69	50	324	334	208	82
Hog and pig farming (1122)	21	14	2	37	28	41	16
Poultry and egg production (1123)	12	8	3	17	7	3	2
Sheep and goat farming (1124)	17	10	6	15	5	1	-
Aquaculture and other animal production (1125, 1129) (see text)	90	49	35	66	43	21	3
OTHER FARM CHARACTERISTICS							
Farms reporting-							
Internet access	1,634	1,124	885	2,833	2,174	1,314	574
Dial-up	70	43	46	132	95	34	24
DSL	355	246	148	591	473	301	120
Cable modem	301	211	170	481	347	204	87
Fiber-optic	58	48	47	129	95	71	49
Mobile internet service for a cell phone or other device (see text)	697	485	392	1,244	993	616	292
Satellite	343	210	177	592	448	314	156
Don't know (see text)	155	104	79	253	196	131	34
Other internet service	60	37	16	91	79	42	41
Farms by number of households sharing in net income of operation:							
1 household	1,878	1,315	1,005	2,816	1,743	936	345
2 households	283	157	155	559	576	371	168
3 households	51	32	19	153	179	122	80
4 households	8	18	9	37	46	53	46
5 or more households	10	4	3	26	16	22	17
LIVESTOCK							
Cattle and calves inventory farms	706	511	427	1,302	992	540	184
number	39,075	25,389	22,649	140,185	226,052	275,822	277,138
Farms with-							
1 to 9	136	93	50	114	57	37	6
10 to 49	424	260	236	473	188	64	14
50 to 99	106	104	79	281	187	51	10
100 to 199	27	45	48	260	212	51	13
200 to 499	4	6	13	149	232	167	31
500 or more	9	3	1	25	116	170	110
Cows and heifers that calved farms	567	403	340	966	723	383	129
number	18,253	12,061	9,946	63,884	90,909	126,992	134,094
Beef cows farms	470	331	285	650	391	164	37
number	7,185	5,609	5,721	18,220	13,937	8,621	3,393
Farms with-							
1 to 9	171	117	81	119	85	37	1
10 to 49	285	201	189	433	216	70	19
50 to 99	13	13	10	79	71	28	8
100 to 199	1	-	5	19	15	22	3
200 to 499	-	-	-	-	2	7	6
500 or more	-	-	-	-	2	-	-
Milk cows farms	101	79	82	362	383	238	95
number	11,068	6,452	4,225	45,664	76,972	118,371	130,701
Farms with-							
1 to 9	8	2	24	33	11	2	-

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LIVESTOCK - Con.						
Cattle and calves inventory - Con.						
Cows and heifers that calved - Con.						
Milk cows - Con.						
Farms with - Con.						
10 to 49	462	-	33	32	64	111
50 to 99	353	-	2	1	5	16
100 to 199	303	2	3	6	2	6
200 to 499	270	2	3	3	1	4
500 or more	188	1	9	2	3	5
Other cattle (see text)	9,557	516	2,401	658	930	895
.....farms						
.....number	655,829	6,042	52,132	13,087	17,450	16,947
Cattle and calves sold	9,539	580	2,253	653	894	862
.....farms	748,919	16,949	96,169	18,054	31,728	35,327
.....number	628,397	9,172	62,486	10,364	30,346	29,150
.....\$1,000	3,347	174	675	222	306	300
Calves weighing less than 500 pounds	287,148	12,265	53,805	10,535	12,253	13,298
.....farms	8,692	494	1,894	565	815	807
.....number	461,771	4,684	42,364	7,519	19,475	22,029
Cattle on feed (see text)	1,168	15	56	24	47	84
.....farms	166,320	794	11,189	827	2,408	2,416
.....number						
Hogs and pigs inventory	2,017	309	753	149	190	132
.....farms	1,236,567	14,566	95,073	21,609	13,886	88,456
.....number						
Farms with-						
1 to 24	1,564	277	685	128	148	97
25 to 49	120	23	34	3	20	13
50 to 99	72	-	17	7	7	7
100 to 199	40	3	1	2	10	1
200 to 499	18	-	1	-	1	8
500 or more	203	6	15	9	4	6
Hogs and pigs sold	2,441	468	903	167	206	146
.....farms	4,076,081	(D)	363,394	57,500	42,434	86,991
.....number	608,555	(D)	37,303	10,236	8,551	15,348
.....\$1,000						
Sheep and lambs inventory (see text)	2,483	459	1,156	171	257	130
.....farms	89,270	7,964	20,652	4,530	9,107	5,604
.....number	1,610	302	666	117	196	90
Sheep and lambs sold	62,018	4,127	9,923	2,896	5,416	5,437
.....farms						
.....number						
Total horses and ponies inventory	10,235	1,127	5,482	846	981	658
.....farms	64,200	4,837	33,099	5,644	6,443	4,736
.....number	1,480	182	786	110	105	124
Total horses and ponies sold (see text)	4,421	349	2,105	453	339	400
.....farms						
.....number						
Goats, all inventory	2,614	635	1,310	159	205	89
.....farms	29,226	6,512	13,846	2,321	2,749	807
.....number	1,267	373	614	83	75	32
Goats, all sold	13,653	3,375	5,990	673	964	178
.....farms						
.....number						
POULTRY						
Layers inventory (see text)	7,039	1,378	3,506	548	600	382
.....farms	15,074,549	60,503	(D)	(D)	33,609	23,137
.....number						
Farms with-						
1 to 399	6,961	1,364	3,483	540	590	374
400 to 3,199	63	13	22	7	8	7
3,200 to 9,999	5	1	-	-	2	1
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	1	-	-	-	-	-
50,000 to 99,999	1	-	-	-	-	-
100,000 or more	8	-	1	1	-	-
Pullets for laying flock replacement inventory	1,159	274	568	113	79	48
.....farms	4,933,440	7,159	1,543,001	(D)	(D)	7,643
.....number						
Layers sold (see text)	1,235	320	580	94	94	54
.....farms	5,036,819	20,858	37,564	281,178	10,516	9,818
.....number						
Pullets for laying flock replacement sold	132	30	73	12	8	3
.....farms	6,573,536	960	(D)	(D)	(D)	7,050
.....number						
Broilers and other meat-type chickens sold	1,582	341	810	120	126	67
.....farms	8,868,690	37,217	1,746,977	61,269	28,755	23,758
.....number						
Farms with-						
1 to 1,999	1,539	339	801	114	125	64
2,000 to 59,999	21	2	-	6	1	3
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	22	-	9	-	-	-
Turkeys inventory (see text)	1,036	233	573	64	74	27
.....farms	2,279,108	95,947	163,402	(D)	(D)	1,220
.....number	767	187	397	47	58	26
Turkeys sold (see text)	5,186,242	280,404	(D)	103,997	(D)	12,928
.....farms						
.....number						
CROPS						
Barley for grain	183	6	8	4	14	17
.....farms	5,740	24	58	20	116	169
.....acres	272,067	1,440	1,693	1,180	4,892	6,891
Irrigated	1	-	-	-	-	1
.....farms	(D)	-	-	-	-	(D)
.....acres						
Farms by acres harvested:						
1 to 24 acres	114	6	8	4	14	15
25 to 99 acres	59	-	-	-	-	2
100 to 249 acres	7	-	-	-	-	-

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
LIVESTOCK - Con.							
Cattle and calves inventory - Con.							
Cows and heifers that calved - Con.							
Milk cows - Con.							
Farms with - Con.							
10 to 49	57	37	19	68	39	2	-
50 to 99	29	32	30	128	86	24	-
100 to 199	1	3	5	92	116	57	10
200 to 499	3	2	4	33	110	86	19
500 or more	3	3	-	8	21	67	66
Other cattle (see text)	582	440	367	1,175	907	508	178
..... farms							
..... number	20,822	13,328	12,703	76,301	135,143	148,830	143,044
Cattle and calves sold	618	445	378	1,213	955	512	176
..... farms							
..... number	27,647	11,496	11,657	73,236	111,507	151,306	163,843
..... \$1,000	20,833	9,926	11,010	70,280	110,759	132,496	131,574
Calves weighing less than 500 pounds	226	167	136	473	365	214	89
..... farms							
..... number	12,529	3,550	3,013	18,434	26,840	52,983	67,643
Cattle weighing 500 pounds or more	570	414	359	1,173	928	500	173
..... farms							
..... number	15,118	7,946	8,644	54,802	84,667	98,323	96,200
Cattle on feed (see text)	54	75	61	236	282	164	70
..... farms							
..... number	2,628	2,821	2,463	16,714	30,316	38,703	55,041
Hogs and pigs inventory	114	40	29	106	90	72	33
..... farms							
..... number	14,674	(D)	(D)	90,470	152,444	280,548	397,813
Farms with-							
1 to 24	83	21	23	54	39	8	1
25 to 49	5	6	4	3	7	2	-
50 to 99	8	6	-	11	3	6	-
100 to 199	6	3	-	6	8	-	-
200 to 499	1	-	2	1	4	-	-
500 or more	11	4	-	31	29	56	32
Hogs and pigs sold	112	62	30	134	95	81	37
..... farms							
..... number	43,454	(D)	1,454	257,875	413,101	694,967	1,453,402
..... \$1,000	6,466	(D)	232	39,502	64,279	107,422	(D)
Sheep and lambs inventory (see text)	77	47	39	86	36	22	3
..... farms							
..... number	2,723	2,694	1,814	16,431	10,114	7,323	314
Sheep and lambs sold	61	33	29	71	25	18	2
..... farms							
..... number	2,746	(D)	2,378	9,267	8,803	8,553	(D)
Total horses and ponies inventory	316	180	116	315	128	64	22
..... farms							
..... number	2,603	1,475	863	2,454	1,011	949	86
Total horses and ponies sold (see text)	53	30	14	50	14	8	4
..... farms							
..... number	178	145	43	235	96	63	15
Goats, all inventory	78	33	27	47	19	12	-
..... farms							
..... number	1,081	238	342	810	324	196	-
Goats, all sold	30	9	12	24	10	5	-
..... farms							
..... number	1,225	65	278	759	58	88	-
POULTRY							
Layers inventory (see text)	203	105	57	162	77	19	2
..... farms							
..... number	12,666	4,539	2,416	(D)	3,723,494	(D)	(D)
Farms with-							
1 to 399	199	105	56	158	73	18	1
400 to 3,199	3	-	1	2	-	-	-
3,200 to 9,999	1	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-	-
20,000 to 49,999	-	-	-	1	-	-	-
50,000 to 99,999	-	-	-	-	1	-	-
100,000 or more	-	-	-	1	3	1	1
Pullets for laying flock replacement inventory	31	11	5	17	12	1	-
..... farms							
..... number	4,364	(D)	64	(D)	256	(D)	-
Layers sold (see text)	32	20	5	25	9	-	2
..... farms							
..... number	3,688	804	(D)	(D)	2,990,052	-	(D)
Pullets for laying flock replacement sold	-	1	3	2	-	-	-
..... farms							
..... number	-	(D)	705	(D)	-	-	-
Broilers and other meat-type chickens sold	42	16	3	39	14	1	3
..... farms							
..... number	1,447,621	(D)	(D)	2,865,681	(D)	(D)	1,407,600
Farms with-							
1 to 1,999	39	13	2	28	13	1	-
2,000 to 59,999	-	3	-	6	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	3	-	1	5	1	-	3
Turkeys inventory (see text)	23	6	11	13	7	2	3
..... farms							
..... number	212	125	(D)	902,639	(D)	(D)	(D)
Turkeys sold (see text)	15	6	9	10	7	2	3
..... farms							
..... number	24,099	1,701	(D)	1,345,938	(D)	(D)	(D)
CROPS							
Barley for grain	21	8	7	35	36	20	7
..... farms							
..... acres	291	112	92	946	1,562	1,886	464
..... bushels	13,672	5,181	2,111	33,701	81,151	100,779	19,376
Irrigated	-	-	-	-	-	-	-
..... farms							
..... acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	16	7	7	16	14	3	4
25 to 99 acres	5	1	-	19	20	11	1
100 to 249 acres	-	-	-	-	1	4	2

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
CROPS - Con.						
Barley for grain - Con.						
Farms by acres harvested: - Con.						
250 to 499 acres	3	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Corn for grain	farms 11,195	104	1,082	506	818	919
acres	2,168,204	378	14,954	10,795	22,758	31,682
bushels	344,533,785	44,092	1,865,177	1,381,187	2,953,352	4,279,899
Irrigated	farms 1,030	1	24	9	33	33
acres	313,638	(D)	350	(D)	1,046	1,582
Farms by acres harvested:						
1 to 24 acres	2,751	104	904	321	421	381
25 to 99 acres	3,530	-	178	185	397	510
100 to 249 acres	2,418	-	-	-	-	28
250 to 499 acres	1,413	-	-	-	-	-
500 acres or more	1,083	-	-	-	-	-
Corn for silage or greenchop	farms 2,355	10	112	61	129	172
acres	331,133	29	1,418	797	2,420	3,263
tons	6,157,400	643	18,425	10,864	38,085	46,415
Irrigated	farms 133	-	3	-	2	1
acres	21,043	-	30	-	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	772	10	97	54	95	134
25 to 99 acres	802	-	15	7	34	38
100 to 249 acres	453	-	-	-	-	-
250 to 499 acres	192	-	-	-	-	-
500 acres or more	136	-	-	-	-	-
Dry edible beans, excluding chickpeas and limas (see text)	farms 1,085	1	49	13	54	38
acres	225,334	(D)	858	(D)	1,772	1,701
cwt	4,487,274	(D)	15,155	(D)	34,175	32,173
Irrigated	farms 58	-	6	1	1	2
acres	10,376	-	84	(D)	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	97	1	37	4	22	6
25 to 99 acres	341	-	12	9	32	28
100 to 249 acres	346	-	-	-	-	4
250 to 499 acres	190	-	-	-	-	-
500 acres or more	111	-	-	-	-	-
Oats for grain	farms 1,167	8	93	83	135	127
acres	34,492	50	909	1,031	1,504	1,652
bushels	2,079,160	1,530	48,282	52,038	85,977	94,690
Irrigated	farms 5	-	-	-	-	-
acres	417	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	778	8	83	75	125	109
25 to 99 acres	324	-	10	8	10	18
100 to 249 acres	59	-	-	-	-	-
250 to 499 acres	3	-	-	-	-	-
500 acres or more	3	-	-	-	-	-
Sorghum for grain	farms 27	-	1	-	-	8
acres	1,888	-	(D)	-	-	(D)
bushels	225,714	-	(D)	-	-	(D)
Irrigated	farms 7	-	-	-	-	-
acres	1,186	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	11	-	1	-	-	8
25 to 99 acres	11	-	-	-	-	-
100 to 249 acres	3	-	-	-	-	-
250 to 499 acres	2	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Soybeans for beans	farms 11,988	124	1,364	618	970	1,079
acres	2,487,343	571	25,566	19,426	39,484	61,494
bushels	107,048,753	19,893	946,347	736,550	1,500,891	2,372,423
Irrigated	farms 699	-	30	9	38	20
acres	140,492	-	471	156	1,199	621
Farms by acres harvested:						
1 to 24 acres	1,918	124	961	219	248	139
25 to 99 acres	4,126	-	403	399	722	797
100 to 249 acres	3,051	-	-	-	-	143
250 to 499 acres	1,580	-	-	-	-	-
500 acres or more	1,313	-	-	-	-	-
Sugarbeets for sugar	farms 661	-	5	2	15	19
acres	145,790	-	(D)	(D)	534	558
tons	3,693,023	-	(D)	(D)	14,045	13,681
Irrigated	farms 25	-	-	-	-	-
acres	(D)	-	-	-	-	-
Sunflower seed, all	farms 46	-	22	-	1	2
acres	1,735	-	59	-	(D)	(D)
pounds	3,095,470	-	37,582	-	(D)	(D)
Irrigated	farms 9	-	9	-	-	-
acres	(D)	-	(D)	-	-	-
Farms by acres harvested:						
1 to 24 acres	30	-	22	-	1	2
25 to 99 acres	11	-	-	-	-	-
100 to 249 acres	4	-	-	-	-	-
250 to 499 acres	1	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms 4,974	27	182	114	262	317
acres	487,011	60	2,425	2,388	5,182	8,462
bushels	38,015,624	4,859	157,579	151,087	328,581	564,015

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
CROPS - Con.							
Barley for grain - Con.							
Farms by acres harvested: - Con.							
250 to 499 acres	-	-	-	-	1	2	-
500 acres or more	-	-	-	-	-	-	-
Corn for grain	farms 742	599	570	2,055	1,924	1,279	597
acres	33,102	34,090	39,067	232,354	435,814	581,978	731,232
bushels	4,686,590	4,847,804	5,519,388	35,484,857	69,108,675	94,140,640	120,222,124
Irrigated	farms 39	16	35	190	228	228	194
acres	1,793	902	1,817	22,901	36,206	66,576	180,295
Farms by acres harvested:							
1 to 24 acres	229	118	79	143	48	1	2
25 to 99 acres	463	398	358	822	179	35	5
100 to 249 acres	50	83	133	972	190	190	19
250 to 499 acres	-	-	-	118	705	534	56
500 acres or more	-	-	-	-	49	519	515
Corn for silage or greenchop	farms 151	136	120	441	508	352	163
acres	4,846	4,872	5,565	29,353	62,531	92,408	123,631
tons	83,786	74,600	92,402	474,732	1,131,120	1,748,303	2,438,025
Irrigated	farms 1	-	1	8	32	45	40
acres	(D)	-	(D)	521	2,298	6,338	11,792
Farms by acres harvested:							
1 to 24 acres	88	68	52	95	62	17	-
25 to 99 acres	55	58	51	244	206	79	15
100 to 249 acres	8	10	17	91	170	121	36
250 to 499 acres	-	-	-	11	67	76	38
500 acres or more	-	-	-	-	3	59	74
Dry edible beans, excluding chickpeas and limas (see text)	farms 37	50	34	202	248	236	123
acres	1,596	2,909	2,034	20,162	42,129	75,469	76,173
cwt	29,761	60,462	40,367	389,540	793,718	1,500,634	1,580,667
Irrigated	farms 1	3	1	5	11	14	13
acres	(D)	60	(D)	584	1,962	2,830	4,646
Farms by acres harvested:							
1 to 24 acres	8	4	1	6	4	4	-
25 to 99 acres	27	35	29	100	51	14	4
100 to 249 acres	2	11	4	92	145	72	16
250 to 499 acres	-	-	-	4	47	111	28
500 acres or more	-	-	-	-	1	35	75
Oats for grain	farms 68	71	71	203	158	112	38
acres	944	1,393	2,007	6,020	7,306	8,846	2,830
bushels	51,651	75,183	96,246	360,370	421,201	579,056	212,936
Irrigated	farms -	-	-	-	3	-	2
acres	-	-	-	-	(D)	-	(D)
Farms by acres harvested:							
1 to 24 acres	63	61	43	118	62	20	11
25 to 99 acres	5	8	24	73	79	74	15
100 to 249 acres	-	2	4	12	15	15	11
250 to 499 acres	-	-	-	-	2	-	1
500 acres or more	-	-	-	-	-	3	-
Sorghum for grain	farms -	-	3	-	3	5	7
acres	-	-	143	-	165	461	1,069
bushels	-	-	5,695	-	10,450	50,258	156,901
Irrigated	farms -	-	-	-	1	1	5
acres	-	-	-	-	(D)	(D)	(D)
Farms by acres harvested:							
1 to 24 acres	-	-	1	-	-	-	1
25 to 99 acres	-	-	2	-	3	3	3
100 to 249 acres	-	-	-	-	-	2	1
250 to 499 acres	-	-	-	-	-	-	2
500 acres or more	-	-	-	-	-	-	-
Soybeans for beans	farms 824	664	616	2,121	1,874	1,179	555
acres	62,715	58,380	65,642	324,476	548,499	631,304	649,786
bushels	2,368,861	2,311,794	2,609,230	13,376,811	23,383,448	27,262,830	30,159,675
Irrigated	farms 21	16	23	124	138	149	131
acres	914	878	2,175	10,504	17,190	34,920	71,464
Farms by acres harvested:							
1 to 24 acres	68	44	33	65	13	3	1
25 to 99 acres	514	376	260	467	141	42	5
100 to 249 acres	242	244	309	1,345	601	137	30
250 to 499 acres	-	-	14	244	928	339	55
500 acres or more	-	-	-	-	191	658	464
Sugarbeets for sugar	farms 15	23	17	107	160	166	132
acres	(D)	995	875	8,199	20,465	37,128	76,222
tons	15,982	31,431	22,765	198,276	500,577	942,123	1,949,136
Irrigated	farms 1	-	1	2	4	3	14
acres	(D)	-	(D)	(D)	(D)	371	1,601
Sunflower seed, all	farms 1	2	-	3	6	7	2
acres	(D)	(D)	-	62	375	816	(D)
pounds	(D)	(D)	-	(D)	767,500	1,674,860	(D)
Irrigated	farms -	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	1	-	-	2	1	1	-
25 to 99 acres	-	2	-	1	4	4	-
100 to 249 acres	-	-	-	-	1	1	2
250 to 499 acres	-	-	-	-	-	1	-
500 acres or more	-	-	-	-	-	-	-
Wheat for grain, all	farms 271	266	239	1,034	1,094	772	396
acres	9,225	9,059	8,896	56,950	108,140	134,282	141,942
bushels	626,212	625,263	631,100	4,011,280	8,109,637	10,918,461	11,887,550

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
CROPS - Con.						
Wheat for grain, all - Con.						
Irrigated .....farms	114	-	3	-	1	1
.....acres	17,399	-	44	-	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	1,202	27	161	86	199	167
25 to 99 acres	2,277	-	21	28	63	147
100 to 249 acres	1,021	-	-	-	-	3
250 to 499 acres	378	-	-	-	-	-
500 acres or more	96	-	-	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....farms	18,833	646	6,106	1,707	2,245	1,837
.....acres	1,009,570	2,531	78,524	41,098	65,702	76,296
.....tons, dry equivalent	2,674,133	4,657	126,889	65,168	110,230	136,511
Irrigated .....farms	417	15	85	25	29	31
.....acres	24,775	(D)	792	372	814	564
Farms by acres harvested:						
1 to 24 acres	10,092	646	5,410	977	1,098	630
25 to 99 acres	6,193	-	696	730	1,147	1,085
100 to 249 acres	1,837	-	-	-	-	122
250 to 499 acres	501	-	-	-	-	-
500 acres or more	210	-	-	-	-	-
Alfalfa hay .....farms	13,660	432	4,104	1,185	1,655	1,416
.....acres	576,416	1,679	50,963	26,963	43,557	51,390
.....tons, dry	1,351,628	3,346	90,655	47,388	77,384	91,776
Irrigated .....farms	267	7	65	20	23	21
.....acres	8,707	(D)	632	313	543	386
Other dry hay (see text) .....farms	5,188	169	1,869	526	652	516
.....acres	184,859	647	21,575	11,428	18,203	18,538
.....tons, dry	285,257	1,104	29,910	14,239	25,213	24,083
Irrigated .....farms	62	4	15	3	6	11
.....acres	1,744	(D)	120	9	201	160
Field and grass seed crops, all .....farms	26	-	1	5	4	1
.....acres	593	-	(D)	75	43	(D)
Irrigated .....farms	1	-	-	-	1	-
.....acres	(D)	-	-	-	(D)	-
Land in vegetables (see text) .....farms	3,047	725	1,067	213	222	148
.....acres	160,923	926	4,062	1,957	2,798	2,751
Irrigated .....farms	1,366	350	430	80	92	57
.....acres	102,819	351	1,429	725	1,115	1,077
Farms by acres harvested:						
0.1 to 4.9 acres	1,956	709	817	144	121	66
5.0 to 24.9 acres	554	16	241	43	62	48
25.0 to 99.9 acres	255	-	9	26	39	28
100.0 to 249.9 acres	135	-	-	-	-	6
250.0 acres or more	147	-	-	-	-	-
Beans, snap .....farms	844	215	331	62	63	35
.....acres	12,706	56	168	68	81	27
Harvested for processing .....farms	120	23	34	4	3	1
.....acres	11,220	4	6	(D)	(D)	(D)
Peas, green .....farms	239	53	110	23	15	11
.....acres	3,072	7	32	3	4	2
Harvested for processing .....farms	33	12	9	2	-	-
.....acres	3,008	1	1	(D)	-	-
Potatoes .....farms	761	156	312	56	55	35
.....acres	50,511	49	209	125	183	163
Harvested for processing .....farms	107	11	34	3	6	5
.....acres	40,447	3	24	(D)	102	40
Farms by acres harvested:						
0.1 to 4.9 acres	643	156	306	51	46	25
5.0 to 24.9 acres	35	-	6	4	6	8
25.0 to 99.9 acres	18	-	-	1	3	2
100.0 to 249.9 acres	28	-	-	-	-	-
250.0 acres or more	37	-	-	-	-	-
Sweet corn .....farms	835	150	279	74	81	46
.....acres	8,466	80	566	238	738	358
Harvested for processing .....farms	79	19	33	8	4	2
.....acres	229	9	9	10	1	(D)
Sweet potatoes .....farms	70	29	30	2	3	5
.....acres	(D)	3	10	(D)	(Z)	7
Harvested for processing .....farms	3	2	1	-	-	-
.....acres	1	(D)	(D)	-	-	-
Tomatoes in the open .....farms	1,216	349	508	75	99	42
.....acres	5,102	113	287	86	125	52
Harvested for processing .....farms	125	37	63	5	3	3
.....acres	2,938	(D)	31	5	1	2
Land in orchards (see text) .....farms	2,552	458	1,007	178	239	167
.....acres	98,220	669	5,252	2,408	4,249	6,703
Irrigated .....farms	529	88	177	37	43	43
.....acres	15,278	145	821	343	836	1,210
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	1,379	430	641	82	104	50
5.0 to 24.9 acres	571	28	332	56	63	30
25.0 to 99.9 acres	323	-	34	40	72	60
100.0 to 249.9 acres	191	-	-	-	-	27
250.0 acres or more	88	-	-	-	-	-
Apples .....farms	1,551	250	572	101	164	108
.....bearing and nonbearing acres	38,563	271	1,799	950	1,938	2,764

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
CROPS - Con.							
Wheat for grain, all - Con.							
Irrigated farms	-	1	4	11	35	24	34
..... acres	-	(D)	125	389	2,411	1,727	12,612
Farms by acres harvested:							
1 to 24 acres	110	95	79	181	66	24	7
25 to 99 acres	156	169	153	747	559	197	37
100 to 249 acres	5	2	7	103	429	355	117
250 to 499 acres	-	-	-	3	38	185	152
500 acres or more	-	-	-	-	2	11	83
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) farms	1,022	793	571	1,767	1,234	650	255
..... acres	52,445	47,496	41,637	167,659	174,818	153,957	107,407
..... tons, dry equivalent	101,372	92,026	81,877	396,460	532,868	550,440	475,635
Irrigated farms	10	10	1	37	57	65	52
..... acres	458	326	(D)	2,571	3,994	6,463	8,341
Farms by acres harvested:							
1 to 24 acres	276	240	120	384	211	81	19
25 to 99 acres	608	387	283	675	366	147	69
100 to 249 acres	138	166	168	586	434	178	45
250 to 499 acres	-	-	-	122	190	150	39
500 acres or more	-	-	-	-	33	94	83
Alfalfa hay farms	785	608	453	1,373	956	508	185
..... acres	34,926	30,244	27,586	101,410	87,828	76,333	43,537
..... tons, dry	67,155	55,074	53,990	231,751	242,877	228,778	161,454
Irrigated farms	9	7	1	21	33	36	24
..... acres	448	202	(D)	1,096	1,636	1,807	1,585
Other dry hay (see text) farms	282	213	152	430	249	102	28
..... acres	12,445	11,650	10,035	35,175	27,900	14,065	3,198
..... tons, dry	16,620	20,377	16,172	62,946	45,371	22,524	6,698
Irrigated farms	1	1	-	4	4	5	8
..... acres	(D)	(D)	-	596	113	167	294
Field and grass seed crops, all farms	-	6	2	3	1	3	-
..... acres	-	110	(D)	262	(D)	67	-
Irrigated farms	-	-	-	-	-	-	-
..... acres	-	-	-	-	-	-	-
Land in vegetables (see text) farms	86	65	32	146	141	113	89
..... acres	2,123	2,252	1,380	10,395	19,535	38,195	74,548
Irrigated farms	45	34	14	62	61	76	65
..... acres	1,222	1,132	530	4,895	9,503	23,894	56,947
Farms by acres harvested:							
0.1 to 4.9 acres	30	19	10	25	10	2	3
5.0 to 24.9 acres	27	27	9	34	27	15	5
25.0 to 99.9 acres	24	10	8	57	36	11	7
100.0 to 249.9 acres	5	9	5	19	44	31	16
250.0 acres or more	-	-	-	11	24	54	58
Beans, snap farms	17	15	9	33	17	25	22
..... acres	46	26	22	553	1,133	3,956	6,569
Harvested for processing farms	-	-	-	5	7	22	21
..... acres	-	-	-	261	675	3,694	6,568
Peas, green farms	1	5	2	8	1	2	8
..... acres	(D)	1	(D)	(D)	(D)	(D)	2,612
Harvested for processing farms	-	-	-	1	1	1	7
..... acres	-	-	-	(D)	(D)	(D)	2,612
Potatoes farms	23	12	9	37	19	25	22
..... acres	37	461	21	3,222	2,532	6,736	36,773
Harvested for processing farms	-	3	-	11	5	10	19
..... acres	-	(D)	-	1,880	1,041	3,432	33,631
Farms by acres harvested:							
0.1 to 4.9 acres	20	7	9	17	3	3	-
5.0 to 24.9 acres	3	2	-	4	-	2	-
25.0 to 99.9 acres	-	1	-	5	5	1	-
100.0 to 249.9 acres	-	2	-	5	9	11	1
250.0 acres or more	-	-	-	6	2	8	21
Sweet corn farms	31	22	16	56	44	29	7
..... acres	360	185	309	1,276	1,732	2,345	280
Harvested for processing farms	2	-	2	5	3	1	-
..... acres	(D)	-	(D)	33	9	(D)	-
Sweet potatoes farms	-	1	-	-	-	-	-
..... acres	-	(D)	-	-	-	-	-
Harvested for processing farms	-	-	-	-	-	-	-
..... acres	-	-	-	-	-	-	-
Tomatoes in the open farms	27	25	17	30	22	11	11
..... acres	34	28	87	122	829	1,487	1,853
Harvested for processing farms	2	-	-	-	2	3	7
..... acres	(D)	-	-	-	(D)	1,040	1,563
Land in orchards (see text) farms	94	86	51	154	74	29	15
..... acres	4,669	6,296	4,418	21,447	22,116	7,809	12,182
Irrigated farms	20	20	16	43	29	7	6
..... acres	656	669	812	3,299	4,339	639	1,509
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	24	21	7	16	2	2	-
5.0 to 24.9 acres	22	7	9	19	4	-	1
25.0 to 99.9 acres	28	23	14	27	13	10	2
100.0 to 249.9 acres	20	35	19	67	17	4	2
250.0 acres or more	-	-	2	25	38	13	10
Apples farms	64	54	35	118	57	18	10
..... bearing and nonbearing acres	2,579	2,638	1,496	10,154	9,397	2,153	2,422

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
CROPS - Con.						
Land in orchards (see text) - Con.						
Grapes .....farms	791	173	365	58	53	37
bearing and nonbearing acres	13,127	244	1,591	649	676	1,148
Peaches, all .....farms	477	88	178	38	48	25
bearing and nonbearing acres	2,863	(D)	202	156	192	191
Pecans .....farms	12	-	10	-	2	-
bearing and nonbearing acres	3	-	(D)	-	(D)	-
Walnuts, English .....farms	83	22	40	2	9	5
bearing and nonbearing acres	116	4	69	(D)	33	2
Land in berries (see text) .....farms	1,566	315	684	126	149	93
acres	25,006	(D)	2,844	2,218	1,269	2,289

See footnote(s) at end of table.

--continued

Table 71. Summary by Size of Farm: 2017 (continued)

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
CROPS - Con.							
Land in orchards (see text) - Con.							
Grapes farms	20	19	14	28	10	6	8
bearing and nonbearing acres	726	725	572	2,286	1,515	710	2,287
Peaches, all farms	15	14	12	34	18	5	2
bearing and nonbearing acres	162	219	130	773	632	80	(D)
Pecans farms	-	-	-	-	-	-	-
bearing and nonbearing acres	-	-	-	-	-	-	-
Walnuts, English farms	-	1	3	1	-	-	-
bearing and nonbearing acres	-	(D)	2	(D)	-	-	-
Land in berries (see text) farms	53	28	20	50	26	13	9
acres	1,476	977	769	2,834	4,002	2,522	(D)

¹ Landlord production expenses are included with total farm production expenses.

² Farms with total production expenses equal to market value of agricultural products sold, government payments, and farm-related income are included as farms with gains of less than \$1,000.

³ Data were collected for a maximum of four producers per farm.

Table 72. Summary by Market Value of Agricultural Products Sold: 2017

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
FARMS AND LAND IN FARMS						
Farms number	47,641	1,622	1,601	2,184	3,310	3,084
..... percent	100.0	3.4	3.4	4.6	6.9	6.5
Land in farms acres	9,764,090	2,853,881	1,522,076	1,299,603	1,128,063	600,411
Average size of farm acres	205	1,759	951	595	341	195
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS						
Total (see text) farms	47,641	1,622	1,601	2,184	3,310	3,084
..... \$1,000	8,388,124	5,365,004	1,148,084	801,687	545,705	228,923
Average per farm dollars	176,069	3,307,647	717,104	367,073	164,865	74,229
Farms by economic class:						
Less than \$1,000 (see text)	11,116	-	-	-	-	-
\$1,000 to \$2,499	5,002	-	-	-	-	-
\$2,500 to \$4,999	4,972	-	-	-	-	-
\$5,000 to \$9,999	5,076	-	-	-	-	-
\$10,000 to \$24,999	5,872	-	-	-	-	-
\$25,000 to \$49,999	3,574	-	-	-	-	-
\$50,000 to \$99,999	3,156	-	-	-	-	2,935
\$100,000 to \$249,999	3,355	-	-	-	3,199	149
\$250,000 to \$499,999	2,195	-	-	2,084	111	-
\$500,000 to \$999,999	1,650	-	1,550	100	-	-
\$1,000,000 or more	1,673	1,622	51	-	-	-
\$1,000,000 to \$2,499,999	1,158	1,107	51	-	-	-
\$2,500,000 to \$4,999,999	304	304	-	-	-	-
\$5,000,000 or more	211	211	-	-	-	-
Total sales farms	47,641	1,622	1,601	2,184	3,310	3,084
..... \$1,000	8,220,935	5,314,085	1,115,689	774,377	524,748	219,685
Grains, oilseeds, dry beans, and dry peas farms	16,493	1,211	1,312	1,693	2,478	2,166
..... \$1,000	2,611,695	1,048,794	583,276	441,458	305,437	123,693
Sales of \$50,000 or more farms	7,416	1,111	1,184	1,492	2,105	1,524
..... \$1,000	2,471,797	1,046,524	580,723	437,737	299,020	107,793
Corn farms	11,688	1,113	1,228	1,561	2,120	1,668
..... \$1,000	1,290,882	589,583	285,781	204,871	126,452	46,510
Sales of \$50,000 or more farms	4,692	1,001	1,074	1,244	1,174	199
..... \$1,000	1,178,909	586,559	281,832	197,239	101,384	11,894
Wheat farms	4,967	667	714	775	1,032	680
..... \$1,000	167,092	64,451	40,178	28,742	20,037	7,474
Sales of \$50,000 or more farms	931	362	312	203	52	2
..... \$1,000	107,870	57,642	30,856	15,786	(D)	(D)
Soybeans farms	11,961	922	1,063	1,464	2,099	1,751
..... \$1,000	998,608	321,823	218,147	185,441	146,445	65,416
Sales of \$50,000 or more farms	4,743	802	922	1,196	1,382	441
..... \$1,000	866,724	318,433	214,658	179,149	125,648	28,835
Sorghum farms	48	11	8	9	2	-
..... \$1,000	1,386	1,003	303	39	(D)	-
Sales of \$50,000 or more farms	8	4	4	-	-	-
..... \$1,000	1,099	863	236	-	-	-
Barley farms	172	7	16	18	23	17
..... \$1,000	736	35	154	219	(D)	51
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Rice farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Other grains, oilseeds, dry beans, and dry peas farms	2,577	316	344	334	404	314
..... \$1,000	152,991	71,899	38,712	22,147	12,360	4,240
Sales of \$50,000 or more farms	690	191	205	171	108	15
..... \$1,000	137,305	70,477	37,174	20,123	8,643	890
Tobacco farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Cotton and cottonseed farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms	3,089	240	136	149	268	266
..... \$1,000	535,068	428,029	42,168	21,356	19,772	9,132
Sales of \$50,000 or more farms	675	216	114	103	145	97
..... \$1,000	513,222	427,507	41,732	20,481	17,460	6,042
Fruits, tree nuts, and berries farms	2,876	139	120	189	306	287
..... \$1,000	440,718	239,702	73,521	55,264	39,429	15,316
Sales of \$50,000 or more farms	870	132	114	176	255	193
..... \$1,000	420,114	239,605	73,365	55,051	38,710	13,383
Fruits and tree nuts farms	1,953	108	90	136	208	193
..... \$1,000	294,371	154,650	54,197	37,026	28,268	9,298
Sales of \$50,000 or more farms	616	104	89	125	185	113
..... \$1,000	281,142	154,577	(D)	36,835	27,923	(D)
Berries farms	1,321	46	40	83	134	146
..... \$1,000	146,347	85,052	19,323	18,238	11,161	6,018
Sales of \$50,000 or more farms	262	35	29	59	71	68
..... \$1,000	137,205	84,841	19,139	17,924	10,302	5,000
Nursery, greenhouse, floriculture, and sod (see text) farms	1,939	161	106	168	221	235
..... \$1,000	739,749	578,410	65,380	46,119	26,091	11,693
Sales of \$50,000 or more farms	725	156	102	154	174	139
..... \$1,000	723,766	578,282	65,299	45,814	24,856	9,516
Cultivated Christmas trees and short rotation woody crops (see text) farms	774	19	11	31	46	43
..... \$1,000	28,732	10,382	3,296	6,078	4,138	1,588

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
FARMS AND LAND IN FARMS						
Farms number	3,519	5,631	4,545	4,268	4,177	13,700
..... percent	7.4	11.8	9.5	9.0	8.8	28.8
Land in farms acres	481,768	517,435	277,908	208,567	169,680	704,698
Average size of farm acres	137	92	61	49	41	51
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS						
Total (see text) farms	3,519	5,631	4,545	4,268	4,177	13,700
..... \$1,000	130,969	93,900	34,090	16,382	7,843	15,537
Average per farm dollars	37,218	16,676	7,501	3,838	1,878	1,134
Farms by economic class:						
Less than \$1,000 (see text)	-	-	-	-	-	11,116
\$1,000 to \$2,499	-	-	-	-	3,944	1,058
\$2,500 to \$4,999	-	-	-	4,074	166	732
\$5,000 to \$9,999	-	-	4,341	158	50	527
\$10,000 to \$24,999	-	5,400	196	33	13	230
\$25,000 to \$49,999	3,307	227	4	2	4	30
\$50,000 to \$99,999	206	3	4	1	-	7
\$100,000 to \$249,999	6	1	-	-	-	-
\$250,000 to \$499,999	-	-	-	-	-	-
\$500,000 to \$999,999	-	-	-	-	-	-
\$1,000,000 or more	-	-	-	-	-	-
\$1,000,000 to \$2,499,999	-	-	-	-	-	-
\$2,500,000 to \$4,999,999	-	-	-	-	-	-
\$5,000,000 or more	-	-	-	-	-	-
Total sales farms	3,519	5,631	4,545	4,268	4,177	13,700
..... \$1,000	125,175	89,910	32,413	15,370	6,991	2,494
Grains, oilseeds, dry beans, and dry peas farms	2,197	2,683	1,238	734	475	306
..... \$1,000	63,806	35,112	6,936	2,273	739	171
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Corn farms	1,380	1,384	583	331	195	125
..... \$1,000	21,376	12,534	2,542	921	257	55
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Wheat farms	499	369	121	49	39	22
..... \$1,000	3,748	1,837	443	121	55	5
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Soybeans farms	1,660	1,665	658	330	248	101
..... \$1,000	36,629	19,477	3,675	1,091	390	74
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sorghum farms	5	8	2	2	1	-
..... \$1,000	6	6	(D)	(D)	(D)	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Barley farms	28	35	9	7	3	9
..... \$1,000	68	63	(D)	(D)	(D)	6
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Rice farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Other grains, oilseeds, dry beans, and dry peas farms	249	277	140	88	40	71
..... \$1,000	1,980	1,196	261	130	34	32
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Tobacco farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Cotton and cottonseed farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms	327	553	461	258	299	132
..... \$1,000	5,988	5,159	2,357	684	363	60
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Fruits, tree nuts, and berries farms	330	500	351	229	223	202
..... \$1,000	9,089	5,704	1,709	605	300	80
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Fruits and tree nuts farms	209	329	231	153	163	133
..... \$1,000	5,425	3,751	1,110	371	222	52
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Berries farms	176	237	175	114	85	85
..... \$1,000	3,665	1,953	599	233	78	27
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Nursery, greenhouse, floriculture, and sod (see text) farms	271	330	200	113	107	27
..... \$1,000	6,875	3,650	1,013	350	(D)	(D)
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Cultivated Christmas trees and short rotation woody crops (see text) farms	46	117	96	89	86	190
..... \$1,000	1,053	1,206	542	259	119	71

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.						
Total (see text) - Con.						
Total sales - Con.						
Cultivated Christmas trees and short rotation woody crops (see text) - Con.						
Sales of \$50,000 or more .....farms	100	17	9	21	33	20
.....\$1,000	24,752	(D)	(D)	5,839	4,067	1,323
Cultivated Christmas trees (see text) .....farms	774	19	11	31	46	43
.....\$1,000	28,732	10,382	3,296	6,078	4,138	1,588
Sales of \$50,000 or more .....farms	100	17	9	21	33	20
.....\$1,000	24,752	(D)	(D)	5,839	4,067	1,323
Short rotation woody crops .....farms	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-
Sales of \$50,000 or more .....farms	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-
Other crops and hay (see text) .....farms	14,059	416	454	568	968	882
.....\$1,000	288,290	119,022	45,514	31,683	25,136	16,296
Sales of \$50,000 or more .....farms	998	284	243	214	147	110
.....\$1,000	205,982	116,885	41,934	26,533	13,723	6,907
Maple syrup .....farms	872	10	7	30	53	62
.....\$1,000	6,254	318	88	743	1,786	1,211
Sales of \$50,000 or more .....farms	28	1	-	2	12	13
.....\$1,000	3,142	(D)	-	(D)	1,426	817
Cattle and calves .....farms	9,539	683	584	738	1,092	949
.....\$1,000	628,397	351,330	106,430	60,976	48,420	24,344
Sales of \$50,000 or more .....farms	1,787	598	378	290	343	178
.....\$1,000	548,971	348,627	101,021	52,119	35,962	11,242
Milk from cows .....farms	1,652	485	314	343	296	138
.....\$1,000	1,786,057	1,493,966	158,659	87,797	37,130	7,536
Sales of \$50,000 or more .....farms	1,498	485	314	330	287	82
.....\$1,000	1,782,400	1,493,966	158,659	87,389	36,933	5,452
Hogs and pigs .....farms	2,441	166	69	83	111	154
.....\$1,000	608,555	565,611	27,785	8,070	2,156	1,315
Sales of \$50,000 or more .....farms	269	162	52	31	15	9
.....\$1,000	602,829	(D)	27,585	7,705	1,385	(D)
Sheep, goats, wool, mohair, and milk .....farms	2,741	11	18	44	96	117
.....\$1,000	14,796	(D)	(D)	1,817	3,294	1,034
Sales of \$50,000 or more .....farms	38	1	3	8	23	3
.....\$1,000	5,735	(D)	(D)	1,562	2,418	173
Horses, ponies, mules, burros, and donkeys (see text) .....farms	1,558	7	19	30	81	89
.....\$1,000	17,091	46	101	1,383	4,528	2,827
Sales of \$50,000 or more .....farms	73	-	-	7	28	38
.....\$1,000	7,723	-	-	1,253	4,068	2,402
Poultry and eggs .....farms	5,300	57	30	83	143	232
.....\$1,000	480,253	463,722	3,828	4,161	2,395	1,496
Sales of \$50,000 or more .....farms	88	48	6	11	14	9
.....\$1,000	474,074	463,715	3,819	3,922	2,008	609
Aquaculture .....farms	57	2	4	5	8	8
.....\$1,000	8,834	(D)	(D)	1,722	1,006	514
Sales of \$50,000 or more .....farms	24	2	3	5	8	6
.....\$1,000	8,536	(D)	(D)	1,722	1,006	(D)
Other animals and other animal products (see text) .....farms	1,626	11	27	29	77	108
.....\$1,000	32,700	10,337	3,343	6,493	5,816	2,901
Sales of \$50,000 or more .....farms	103	5	5	20	38	35
.....\$1,000	28,015	10,214	3,258	6,359	5,738	2,447
Value of-						
Government payments (see text) .....farms	15,350	1,152	1,192	1,564	2,154	1,724
.....\$1,000	167,189	50,919	32,395	27,310	20,957	9,238
Landlord's share of total sales (see text) .....farms	1,238	112	189	194	230	168
.....\$1,000	52,365	23,822	13,904	7,364	4,446	1,637
FOOD MARKETING PRACTICES (SEE TEXT)						
Food sold directly to -						
Consumers .....farms	5,669	60	73	173	345	466
.....\$1,000	90,677	10,232	12,037	16,265	17,791	12,622
Retail markets, institutions, and food hubs for local or regionally branded products (see text) .....farms	1,029	79	58	66	124	124
.....\$1,000	235,827	191,341	20,431	8,484	8,252	2,822
FARM PRODUCTION EXPENSES						
Total farm production expenses ¹ .....farms	47,641	1,622	1,601	2,184	3,310	3,084
.....\$1,000	7,208,181	4,438,606	911,611	620,473	456,635	204,069
Average per farm .....dollars	151,302	2,736,502	569,401	284,099	137,956	66,170
Fertilizer, lime, and soil conditioners purchased .....farms	25,277	1,541	1,544	2,087	3,031	2,704
.....\$1,000	592,379	270,732	111,140	86,584	64,537	27,360
Farms with expenses of-						
\$1 to \$4,999 .....farms	14,343	64	106	248	560	926
.....\$1,000	6,052	207	308	623	1,401	1,608
\$5,000 to \$24,999 .....farms	2,042	221	314	502	818	161
.....\$1,000	2,840	1,049	816	714	252	9
\$25,000 to \$49,999 .....farms						
.....\$1,000						
\$50,000 or more .....farms						
.....\$1,000						
Chemicals purchased .....farms	21,160	1,539	1,527	2,008	2,839	2,493
.....\$1,000	360,374	178,507	66,841	50,553	36,004	14,259
Farms with expenses of-						
\$1 to \$4,999 .....farms	12,912	100	171	327	782	1,444
.....\$1,000	5,049	338	447	905	1,716	988
\$5,000 to \$24,999 .....farms	1,509	254	405	514	273	54
.....\$1,000	1,690	847	504	262	68	7

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.						
Total (see text) - Con.						
Total sales - Con.						
Cultivated Christmas trees and short rotation woody crops (see text) - Con.						
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Cultivated Christmas trees (see text) farms	46	117	96	89	86	190
\$1,000	1,053	1,206	542	259	119	71
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Short rotation woody crops farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Other crops and hay (see text) farms	1,124	2,027	1,905	1,833	1,642	2,240
\$1,000	15,880	17,257	9,167	5,012	2,263	1,061
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Maple syrup farms	98	124	96	85	127	180
\$1,000	912	570	327	112	118	71
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Cattle and calves farms	860	1,399	1,242	1,103	719	170
\$1,000	13,364	13,156	6,012	3,189	1,064	111
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Milk from cows farms	51	6	12	4	3	-
\$1,000	(D)	(D)	(D)	(D)	(D)	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Hogs and pigs farms	165	327	384	348	411	223
\$1,000	886	990	708	546	397	90
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Sheep, goats, wool, mohair, and milk farms	154	406	410	403	499	583
\$1,000	1,617	2,326	1,262	815	569	236
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Horses, ponies, mules, burros, and donkeys (see text) farms	148	329	294	219	230	112
\$1,000	3,036	2,925	1,318	559	303	66
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Poultry and eggs farms	297	696	754	730	891	1,387
\$1,000	1,097	1,146	785	650	518	456
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Aquaculture farms	6	10	1	2	9	2
\$1,000	(D)	(D)	(D)	(D)	7	(D)
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Other animals and other animal products (see text) farms	130	239	245	236	239	285
\$1,000	1,438	1,116	572	416	195	74
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Value of- Government payments (see text) farms	1,509	1,537	708	433	337	3,040
\$1,000	5,794	3,990	1,677	1,012	852	13,043
Landlord's share of total sales (see text) farms	131	92	62	34	24	2
\$1,000	759	293	104	30	(D)	(D)
FOOD MARKETING PRACTICES (SEE TEXT)						
Food sold directly to - Consumers farms	544	946	862	695	764	741
\$1,000	9,114	6,473	3,311	1,588	857	386
Retail markets, institutions, and food hubs for local or regionally branded products (see text) farms	120	181	90	97	61	29
\$1,000	2,341	1,203	292	267	382	13
FARM PRODUCTION EXPENSES						
Total farm production expenses ¹ farms	3,519	5,631	4,545	4,268	4,177	13,700
\$1,000	132,248	120,362	68,742	53,214	42,022	160,200
Average per farm dollars	37,581	21,375	15,125	12,468	10,060	11,693
Fertilizer, lime, and soil conditioners purchased farms	2,813	3,513	2,173	1,672	1,407	2,792
\$1,000	14,103	8,975	3,106	1,763	932	3,148
Farms with expenses of- \$1 to \$4,999 farms	1,665	3,036	2,061	1,639	1,391	2,647
\$5,000 to \$24,999 farms	1,132	474	111	31	15	142
\$25,000 to \$49,999 farms	16	3	1	2	1	3
\$50,000 or more farms	-	-	-	-	-	-
Chemicals purchased farms	2,371	2,707	1,561	1,103	979	2,033
\$1,000	7,421	3,806	1,027	509	356	1,090
Farms with expenses of- \$1 to \$4,999 farms	1,897	2,572	1,540	1,098	973	2,008
\$5,000 to \$24,999 farms	466	134	21	5	6	23
\$25,000 to \$49,999 farms	8	1	-	-	-	-
\$50,000 or more farms	-	-	-	-	-	2

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
FARM PRODUCTION EXPENSES - Con.						
Total farm production expenses ¹ - Con.						
Seeds, plants, vines, and trees purchased .....farms	20,784	1,525	1,498	1,944	2,772	2,393
.....\$1,000	604,053	302,884	107,360	82,309	59,893	26,437
Farms with expenses of-						
\$1 to \$999	5,758	6	18	25	69	128
\$1,000 to \$4,999	4,492	22	32	101	290	509
\$5,000 to \$24,999	5,520	133	263	516	1,420	1,621
\$25,000 to \$49,999	2,033	188	299	547	856	115
\$50,000 or more	2,981	1,176	886	755	137	20
Cover crop seed purchased (see text) .....farms	4,189	409	351	398	570	439
.....\$1,000	9,812	4,070	2,175	1,076	1,174	499
Livestock and poultry purchased or leased .....farms	11,498	578	456	517	769	788
.....\$1,000	390,358	284,527	42,524	20,185	15,838	6,806
Farms with expenses of-						
\$1 to \$4,999	8,346	40	95	149	306	457
\$5,000 to \$24,999	1,882	76	102	144	266	259
\$25,000 to \$99,999	659	106	110	154	163	70
\$100,000 to \$249,999	295	95	98	66	34	2
\$250,000 or more	316	261	51	4	-	-
Breeding livestock purchased or leased .....farms	4,570	289	243	225	311	298
.....\$1,000	87,771	55,297	13,714	4,022	4,304	1,914
Other livestock and poultry purchased or leased (see text) .....farms	8,630	353	256	349	555	594
.....\$1,000	302,587	229,230	28,810	16,163	11,534	4,893
Feed purchased .....farms	22,882	872	648	863	1,288	1,243
.....\$1,000	1,269,333	1,057,904	81,088	37,676	23,250	9,875
Farms with expenses of-						
\$1 to \$4,999	16,153	34	53	198	455	758
\$5,000 to \$24,999	4,397	31	97	248	547	383
\$25,000 to \$99,999	1,147	81	186	310	252	100
\$100,000 to \$249,999	482	150	198	94	34	2
\$250,000 or more	703	576	114	13	-	-
Gasoline, fuels, and oils purchased .....farms	45,095	1,621	1,595	2,179	3,290	3,071
.....\$1,000	313,479	156,842	42,804	34,203	25,155	11,907
Farms with expenses of-						
\$1 to \$4,999	36,097	42	148	351	1,380	2,299
\$5,000 to \$24,999	6,460	265	740	1,504	1,803	759
\$25,000 to \$49,999	1,319	355	550	266	82	10
\$50,000 or more	1,219	959	157	58	25	3
Utilities .....farms	32,201	1,622	1,601	2,180	3,175	2,671
.....\$1,000	190,561	105,083	19,150	16,419	14,040	6,601
Farms with expenses of-						
\$1 to \$999	13,037	9	50	96	435	742
\$1,000 to \$4,999	13,346	85	411	943	1,845	1,624
\$5,000 to \$24,999	4,573	588	992	1,062	849	299
\$25,000 to \$49,999	648	418	103	67	38	6
\$50,000 or more	597	522	45	12	8	-
Repairs, supplies, and maintenance costs .....farms	39,756	1,619	1,601	2,184	3,248	2,973
.....\$1,000	524,438	258,071	69,322	52,316	43,695	24,695
Farms with expenses of-						
\$1 to \$4,999	26,275	32	95	196	728	1,321
\$5,000 to \$24,999	9,321	156	418	1,166	2,053	1,508
\$25,000 to \$49,999	2,120	258	591	606	392	111
\$50,000 or more	2,040	1,173	497	216	75	33
Hired farm labor .....farms	11,907	1,499	1,249	1,320	1,450	959
.....\$1,000	952,388	685,619	107,348	60,259	40,422	14,006
Farms with expenses of-						
\$1 to \$4,999	5,360	31	124	295	555	447
\$5,000 to \$24,999	2,464	81	226	386	416	348
\$25,000 to \$99,999	2,359	379	526	467	386	149
\$100,000 to \$249,999	986	392	297	146	80	13
\$250,000 or more	738	616	76	26	13	2
Contract labor .....farms	3,245	517	304	275	358	258
.....\$1,000	109,346	77,015	9,694	6,492	5,911	2,659
Farms with expenses of-						
\$1 to \$999	679	8	5	18	38	47
\$1,000 to \$4,999	1,001	61	63	80	107	80
\$5,000 to \$24,999	1,014	207	149	100	148	103
\$25,000 to \$49,999	235	63	32	44	40	20
\$50,000 or more	316	178	55	33	25	8
Customwork and custom hauling .....farms	9,567	971	759	846	1,230	1,014
.....\$1,000	165,370	117,089	14,318	9,646	9,785	5,115
Farms with expenses of-						
\$1 to \$999	2,733	15	53	58	134	183
\$1,000 to \$4,999	3,514	76	165	248	497	479
\$5,000 to \$24,999	2,318	243	355	469	534	332
\$25,000 to \$49,999	490	238	124	39	50	16
\$50,000 or more	512	399	62	32	15	4
Cash rent for land, buildings, and grazing fees .....farms	12,268	1,323	1,264	1,607	2,073	1,512
.....\$1,000	486,995	266,765	98,637	59,061	35,068	12,345
Farms with expenses of-						
\$1 to \$4,999	5,375	71	100	240	562	710
\$5,000 to \$9,999	1,603	68	89	223	355	344
\$10,000 to \$24,999	1,943	124	204	324	702	383
\$25,000 or more	3,347	1,060	871	820	454	75

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
FARM PRODUCTION EXPENSES - Con.						
Total farm production expenses ¹ - Con.						
Seeds, plants, vines, and trees purchased farms	2,161	2,457	1,549	1,116	1,073	2,296
..... \$1,000	12,903	6,474	1,916	961	606	2,311
Farms with expenses of-						
\$1 to \$999	271	814	899	820	903	1,805
\$1,000 to \$4,999	815	1,323	595	276	160	369
\$5,000 to \$24,999	1,050	314	55	20	10	118
\$25,000 to \$49,999	19	5	-	-	-	4
\$50,000 or more	6	1	-	-	-	-
Cover crop seed purchased (see text) farms	346	434	296	200	206	540
..... \$1,000	278	220	85	49	34	152
Livestock and poultry purchased or leased farms	706	1,260	1,309	1,299	1,421	2,395
..... \$1,000	3,269	4,598	3,408	3,059	2,070	4,072
Farms with expenses of-						
\$1 to \$4,999	505	959	1,127	1,137	1,358	2,213
\$5,000 to \$24,999	187	288	171	157	59	173
\$25,000 to \$99,999	14	13	11	5	4	9
\$100,000 to \$249,999	-	-	-	-	-	-
\$250,000 or more	-	-	-	-	-	-
Breeding livestock purchased or leased farms	362	533	537	503	466	803
..... \$1,000	1,334	1,930	1,274	1,203	770	2,008
Other livestock and poultry purchased or leased (see text) farms	476	964	1,012	1,026	1,158	1,887
..... \$1,000	1,936	2,668	2,133	1,856	1,300	2,064
Feed purchased farms	1,267	2,392	2,331	2,314	2,394	7,270
..... \$1,000	7,312	10,657	7,220	6,253	5,696	22,403
Farms with expenses of-						
\$1 to \$4,999	825	1,775	1,905	1,954	2,151	6,045
\$5,000 to \$24,999	397	570	409	351	235	1,129
\$25,000 to \$99,999	44	45	17	9	8	95
\$100,000 to \$249,999	1	2	-	-	-	1
\$250,000 or more	-	-	-	-	-	-
Gasoline, fuels, and oils purchased farms	3,483	5,531	4,327	3,986	3,826	12,186
..... \$1,000	8,446	9,097	5,911	4,409	3,596	11,109
Farms with expenses of-						
\$1 to \$4,999	3,098	5,219	4,153	3,849	3,731	11,827
\$5,000 to \$24,999	374	303	150	128	90	344
\$25,000 to \$49,999	9	6	15	9	4	13
\$50,000 or more	2	3	9	-	1	2
Utilities farms	2,667	3,804	2,862	2,496	2,251	6,872
..... \$1,000	5,167	5,576	3,952	2,882	2,407	9,284
Farms with expenses of-						
\$1 to \$999	1,036	1,936	1,698	1,512	1,422	4,101
\$1,000 to \$4,999	1,456	1,723	1,076	923	796	2,464
\$5,000 to \$24,999	172	138	82	61	30	300
\$25,000 to \$49,999	3	7	-	-	1	5
\$50,000 or more	-	-	6	-	2	2
Repairs, supplies, and maintenance costs farms	3,295	4,895	3,866	3,370	3,199	9,506
..... \$1,000	17,384	16,165	9,524	7,733	5,678	19,857
Farms with expenses of-						
\$1 to \$4,999	2,180	3,939	3,349	2,979	2,929	8,527
\$5,000 to \$24,999	1,042	919	507	370	265	917
\$25,000 to \$49,999	52	25	7	16	5	57
\$50,000 or more	21	12	3	5	-	5
Hired farm labor farms	863	1,171	731	643	510	1,512
..... \$1,000	11,018	10,231	5,954	3,835	1,915	11,781
Farms with expenses of-						
\$1 to \$4,999	513	847	521	496	407	1,124
\$5,000 to \$24,999	236	207	144	99	89	232
\$25,000 to \$99,999	92	104	56	48	14	138
\$100,000 to \$249,999	20	13	9	-	-	16
\$250,000 or more	2	-	1	-	-	2
Contract labor farms	286	332	202	156	138	419
..... \$1,000	2,445	1,822	855	571	300	1,583
Farms with expenses of-						
\$1 to \$999	62	107	74	65	59	196
\$1,000 to \$4,999	118	149	85	62	65	131
\$5,000 to \$24,999	80	67	39	25	13	83
\$25,000 to \$49,999	20	3	3	2	1	7
\$50,000 or more	6	6	1	2	-	2
Customwork and custom hauling farms	1,025	1,203	654	523	372	970
..... \$1,000	3,546	2,323	876	1,013	309	1,352
Farms with expenses of-						
\$1 to \$999	238	458	388	341	274	591
\$1,000 to \$4,999	575	669	238	148	94	325
\$5,000 to \$24,999	203	73	27	26	4	52
\$25,000 to \$49,999	9	3	1	8	-	2
\$50,000 or more	-	-	-	-	-	-
Cash rent for land, buildings, and grazing fees farms	1,338	1,343	674	468	240	426
..... \$1,000	6,806	3,814	1,470	1,047	450	1,533
Farms with expenses of-						
\$1 to \$4,999	892	1,162	618	425	226	369
\$5,000 to \$9,999	293	142	35	29	7	18
\$10,000 to \$24,999	132	27	14	9	4	20
\$25,000 or more	21	12	7	5	3	19

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
FARM PRODUCTION EXPENSES - Con.						
Total farm production expenses ¹ - Con.						
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms					
\$1,000	3,900	636	387	427	486	312
	54,493	31,918	8,528	5,635	3,291	1,485
Farms with expenses of-						
\$1 to \$999	1,311	23	16	51	121	112
\$1,000 to \$4,999	1,120	102	118	125	187	105
\$5,000 to \$24,999	964	230	160	179	146	82
\$25,000 to \$49,999	233	93	48	46	21	13
\$50,000 or more	272	188	45	26	11	-
Interest expense	farms					
\$1,000	16,660	1,401	1,300	1,560	1,989	1,477
	297,871	140,838	45,958	28,983	24,297	12,332
Farms with expenses of-						
\$1 to \$4,999	7,977	89	177	387	712	781
\$5,000 to \$24,999	6,266	317	535	782	1,049	622
\$25,000 to \$99,999	1,895	598	502	373	217	65
\$100,000 or more	522	397	86	18	11	9
Secured by real estate	farms					
\$1,000	13,505	1,167	1,063	1,226	1,535	1,101
	212,045	94,223	33,168	20,504	17,118	9,248
Farms with expenses of-						
\$1 to \$999	1,661	18	38	58	114	128
\$1,000 to \$4,999	4,864	77	152	252	435	483
\$5,000 to \$24,999	5,227	298	450	659	855	435
\$25,000 to \$49,999	890	249	242	192	91	36
\$50,000 or more	863	525	181	65	40	19
Not secured by real estate	farms					
\$1,000	9,651	955	921	1,094	1,326	948
	85,827	46,615	12,790	8,479	7,179	3,084
Farms with expenses of-						
\$1 to \$999	2,908	43	53	128	248	312
\$1,000 to \$4,999	3,921	122	233	432	654	478
\$5,000 to \$24,999	2,167	381	503	479	389	145
\$25,000 to \$49,999	382	199	96	47	18	11
\$50,000 or more	273	210	36	8	17	2
Property taxes paid	farms					
\$1,000	45,697	1,564	1,519	2,096	3,144	2,929
	250,626	52,173	25,579	23,282	24,036	14,914
Farms with expenses of-						
\$1 to \$4,999	33,243	180	296	611	1,289	1,815
\$5,000 to \$9,999	7,118	165	347	560	1,064	839
\$10,000 to \$24,999	3,944	517	615	759	736	243
\$25,000 or more	1,392	702	261	166	55	32
Medical supplies, veterinary, and custom services for livestock (see text)	farms					
\$1,000	16,114	853	634	791	1,189	1,039
	101,203	73,137	7,566	4,201	3,330	1,708
Farms with expenses of-						
\$1 to \$4,999	14,254	188	273	545	990	955
\$5,000 to \$24,999	1,234	199	263	204	191	83
\$25,000 to \$49,999	282	144	82	40	7	1
\$50,000 to \$99,999	162	144	13	2	1	-
\$100,000 or more	182	178	3	-	-	-
All other production expenses (see text)	farms					
\$1,000	20,261	1,618	1,599	2,180	2,450	1,882
	544,913	379,504	53,756	42,670	28,084	11,563
Farms with expenses of-						
\$1 to \$4,999	12,289	102	225	496	936	1,232
\$5,000 to \$24,999	5,165	305	688	1,212	1,275	560
\$25,000 to \$49,999	1,258	283	372	305	154	71
\$50,000 to \$99,999	784	330	221	119	68	17
\$100,000 or more	765	598	93	48	17	2
Production expenses paid by landlords ¹	farms					
\$1,000	648	99	91	110	72	65
	11,510	5,137	2,613	1,498	1,262	354
Depreciation expenses claimed	farms					
\$1,000	20,933	1,602	1,573	2,132	2,364	1,794
	743,296	366,700	116,159	95,113	61,616	27,755
NET CASH FARM INCOME (SEE TEXT)						
Net cash farm income of operations	farms					
\$1,000	47,641	1,622	1,601	2,184	3,310	3,084
	1,496,660	992,613	270,454	215,005	125,293	46,644
Average per farm	dollars					
	31,415	611,969	168,928	98,446	37,853	15,124
Farms with net gains ²	number					
Average net gain	dollars					
	21,009	1,412	1,361	1,855	2,626	2,332
	95,516	760,386	226,018	134,611	64,004	32,269
Gain of-						
Less than \$1,000	1,520	2	2	7	19	29
\$1,000 to \$4,999	3,955	4	25	11	72	158
\$5,000 to \$9,999	2,764	4	14	24	102	192
\$10,000 to \$24,999	3,887	9	25	70	343	688
\$25,000 to \$49,999	2,581	22	52	176	658	845
\$50,000 or more	6,302	1,371	1,243	1,567	1,432	420
Farms with net losses	number					
Average net loss	dollars					
	26,632	210	240	329	684	752
	19,151	385,961	154,820	105,467	62,547	38,041
Loss of-						
Less than \$1,000	1,964	1	1	6	12	27
\$1,000 to \$4,999	8,098	1	7	16	40	101
\$5,000 to \$9,999	6,171	-	10	15	60	113
\$10,000 to \$24,999	6,605	12	18	34	129	203
\$25,000 to \$49,999	2,046	21	35	60	157	112
\$50,000 or more	1,748	175	169	198	286	196

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
FARM PRODUCTION EXPENSES - Con.						
Total farm production expenses ¹ - Con.						
Rent and lease expenses for machinery, equipment, and farm share of vehicles	290	352	245	160	139	466
..... farms						
..... \$1,000	1,031	680	504	331	205	887
Farms with expenses of-						
\$1 to \$999	123	217	130	106	94	318
\$1,000 to \$4,999	121	110	89	34	34	95
\$5,000 to \$24,999	38	21	26	20	11	51
\$25,000 to \$49,999	8	4	-	-	-	-
\$50,000 or more	-	-	-	-	-	2
Interest expense	1,361	1,677	1,192	876	914	2,913
..... farms						
..... \$1,000	7,512	8,663	5,608	3,917	4,144	15,620
Farms with expenses of-						
\$1 to \$4,999	860	1,101	806	637	620	1,807
\$5,000 to \$24,999	463	544	371	230	288	1,065
\$25,000 to \$99,999	37	32	15	9	6	41
\$100,000 or more	1	-	-	-	-	-
Secured by real estate	1,014	1,401	998	715	781	2,504
..... farms						
..... \$1,000	5,858	7,021	4,726	3,263	3,534	13,382
Farms with expenses of-						
\$1 to \$999	160	278	173	168	164	362
\$1,000 to \$4,999	457	656	505	338	354	1,155
\$5,000 to \$24,999	370	447	305	202	258	948
\$25,000 to \$49,999	20	14	12	3	2	29
\$50,000 or more	7	6	3	4	3	10
Not secured by real estate	832	813	572	399	427	1,364
..... farms						
..... \$1,000	1,655	1,641	882	654	610	2,237
Farms with expenses of-						
\$1 to \$999	383	443	299	202	229	568
\$1,000 to \$4,999	385	290	240	178	187	722
\$5,000 to \$24,999	60	76	33	19	10	72
\$25,000 to \$49,999	4	4	-	-	1	2
\$50,000 or more	-	-	-	-	-	-
Property taxes paid	3,312	5,364	4,348	4,063	3,969	13,389
..... farms						
..... \$1,000	13,923	19,197	12,564	11,503	10,667	42,789
Farms with expenses of-						
\$1 to \$4,999	2,429	4,484	3,755	3,570	3,498	11,316
\$5,000 to \$9,999	695	661	485	366	372	1,564
\$10,000 to \$24,999	165	171	95	114	92	437
\$25,000 or more	23	48	13	13	7	72
Medical supplies, veterinary, and custom services for livestock (see text)	1,066	1,841	1,567	1,411	1,355	4,368
..... farms						
..... \$1,000	1,505	1,972	1,409	1,161	793	4,421
Farms with expenses of-						
\$1 to \$4,999	999	1,800	1,543	1,392	1,351	4,218
\$5,000 to \$24,999	65	37	22	19	4	147
\$25,000 to \$49,999	2	3	-	-	-	3
\$50,000 to \$99,999	-	-	2	-	-	-
\$100,000 or more	-	1	-	-	-	-
All other production expenses (see text)	1,837	2,164	1,392	1,094	985	3,060
..... farms						
..... \$1,000	8,457	6,313	3,439	2,267	1,900	6,959
Farms with expenses of-						
\$1 to \$4,999	1,427	1,898	1,257	1,010	918	2,788
\$5,000 to \$24,999	364	240	120	81	61	259
\$25,000 to \$49,999	30	20	10	3	6	4
\$50,000 to \$99,999	11	6	5	-	-	7
\$100,000 or more	5	-	-	-	-	2
Production expenses paid by landlords ¹	48	52	37	36	18	20
..... farms						
..... \$1,000	195	130	106	73	64	79
Depreciation expenses claimed	1,761	2,254	1,645	1,382	1,141	3,285
..... farms						
..... \$1,000	19,516	16,718	9,424	7,619	5,357	17,319
NET CASH FARM INCOME (SEE TEXT)						
Net cash farm income of operations	3,519	5,631	4,545	4,268	4,177	13,700
..... farms						
..... \$1,000	21,843	2,095	-24,393	-30,408	-26,435	-96,052
Average per farm	6,207	372	-5,367	-7,125	-6,329	-7,011
Farms with net gains ²	2,478	3,337	1,752	1,077	566	2,213
Average net gain	18,963	11,849	5,407	3,802	6,541	12,918
Gain of-						
Less than \$1,000	82	198	261	308	208	404
\$1,000 to \$4,999	288	882	899	618	250	748
\$5,000 to \$9,999	463	1,042	420	78	36	389
\$10,000 to \$24,999	1,107	1,028	129	51	44	393
\$25,000 to \$49,999	467	129	30	19	15	168
\$50,000 or more	71	58	13	3	13	111
Farms with net losses	1,041	2,294	2,793	3,191	3,611	11,487
Average net loss	24,156	16,323	12,125	10,812	8,346	10,850
Loss of-						
Less than \$1,000	63	182	290	321	319	742
\$1,000 to \$4,999	213	589	817	1,025	1,402	3,887
\$5,000 to \$9,999	174	448	663	766	926	2,996
\$10,000 to \$24,999	304	666	743	790	784	2,922
\$25,000 to \$49,999	159	259	188	188	147	720
\$50,000 or more	128	150	92	101	33	220

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
NET CASH FARM INCOME (SEE TEXT) - Con.						
Net cash farm income of producers (see text) .....farms	47,641	1,622	1,601	2,184	3,310	3,084
.....\$1,000	1,389,905	921,662	249,771	205,303	121,669	45,395
Average per farm .....dollars	29,175	568,225	156,010	94,003	36,758	14,720
Producers reporting net gains ² (see text) .....farms	20,859	1,387	1,341	1,832	2,605	2,311
Average net gain .....dollars	91,840	727,680	218,264	132,189	63,432	32,167
Gain of-						
Less than \$1,000	1,519	2	2	7	23	32
\$1,000 to \$4,999	3,929	4	18	13	67	156
\$5,000 to \$9,999	2,774	4	17	21	107	192
\$10,000 to \$24,999	3,902	7	35	89	357	682
\$25,000 to \$49,999	2,572	30	65	179	643	831
\$50,000 or more	6,163	1,340	1,204	1,523	1,408	418
Producers reporting net losses (see text) .....farms	26,782	235	260	352	705	773
Average net loss .....dollars	19,632	372,898	165,077	104,739	61,802	37,443
Loss of-						
Less than \$1,000	1,976	1	1	6	13	29
\$1,000 to \$4,999	8,122	1	6	13	49	105
\$5,000 to \$9,999	6,215	1	10	17	64	123
\$10,000 to \$24,999	6,601	14	16	35	123	210
\$25,000 to \$49,999	2,059	16	50	65	169	103
\$50,000 or more	1,809	202	177	216	287	203
COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)						
Total .....farms	451	115	117	80	61	20
.....\$1,000	52,640	32,181	13,274	4,828	1,923	185
INCOME FROM FARM-RELATED SOURCES						
Total income from farm-related sources .....farms	19,796	996	1,098	1,538	2,103	1,734
.....\$1,000	316,717	66,215	33,981	33,790	36,224	21,789
Customwork and other agricultural services .....farms	2,730	293	293	344	379	301
.....\$1,000	55,394	20,038	9,518	7,035	6,038	3,545
Gross cash rent or share payments .....farms	8,104	200	181	204	342	409
.....\$1,000	86,474	8,852	6,050	5,476	5,984	7,277
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products .....farms	1,836	64	51	101	136	148
.....\$1,000	16,373	797	470	939	2,525	1,289
Agri-tourism and recreational services .....farms	754	17	19	64	81	65
.....\$1,000	20,989	1,194	429	4,201	3,425	2,047
Patronage dividends and refunds from cooperatives .....farms	7,139	770	832	1,060	1,357	933
.....\$1,000	29,647	15,223	4,240	3,505	3,006	1,473
Crop and livestock insurance payments received .....farms	2,201	218	300	350	448	258
.....\$1,000	44,560	12,397	8,266	7,417	8,629	3,403
Amount from State and local government agricultural program payments .....farms	464	45	42	52	70	62
.....\$1,000	3,209	903	626	633	449	213
Other farm-related income sources (see text) .....farms	3,055	175	172	221	315	212
.....\$1,000	60,070	6,812	4,383	4,585	6,168	2,542
LAND USE						
Total cropland .....farms	40,597	1,560	1,584	2,152	3,224	2,941
.....acres	7,924,480	2,684,827	1,416,749	1,178,011	959,409	467,381
Harvested cropland .....farms	35,147	1,557	1,570	2,141	3,198	2,921
.....acres	7,214,667	2,593,334	1,361,352	1,125,804	895,251	423,581
Farms by acres harvested:						
1 to 49 acres	19,624	117	113	191	442	618
50 to 99 acres	4,425	30	48	141	292	291
100 to 199 acres	3,607	48	100	164	364	1,209
200 to 499 acres	3,662	168	237	472	1,734	785
500 to 999 acres	2,056	293	372	1,020	348	17
1,000 to 1,999 acres	1,228	390	666	153	18	1
2,000 acres or more	545	511	34	-	-	-
Cropland-						
Other pasture and grazing land that could have been used for crops without additional improvements .....farms	3,406	89	114	137	271	276
.....acres	97,239	7,921	7,733	9,232	17,540	10,204
On which all crops failed or were abandoned .....farms	2,757	79	69	152	187	208
.....acres	86,579	8,053	6,582	7,705	10,789	7,032
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed .....farms	11,091	430	408	493	675	542
.....acres	441,772	71,874	35,610	28,749	26,594	19,641
In summer fallow (see text) .....farms	3,207	67	93	133	240	227
.....acres	84,223	3,645	5,472	6,521	9,235	6,923
Total woodland .....farms	24,339	677	712	1,064	1,633	1,563
.....acres	975,652	86,476	54,793	62,360	89,216	67,632
Woodland pastured .....farms	3,772	47	45	114	178	195
.....acres	85,275	4,946	2,949	6,027	9,192	6,966
Woodland not pastured .....farms	22,448	658	694	1,016	1,561	1,480
.....acres	890,377	81,530	51,844	56,333	80,024	60,666
Permanent pasture and rangeland, other than cropland and woodland pastured .....farms	17,476	186	243	460	690	806
.....acres	341,391	13,290	13,731	22,260	33,233	31,020
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. ....farms	32,103	1,110	995	1,395	2,093	1,955
.....acres	522,567	69,288	36,803	36,972	46,205	34,378

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
NET CASH FARM INCOME (SEE TEXT) - Con.						
Net cash farm income of producers (see text) farms	3,519	5,631	4,545	4,268	4,177	13,700
..... \$1,000	21,271	1,938	-24,391	-30,364	-26,378	-95,973
Average per farm dollars	6,045	344	-5,367	-7,114	-6,315	-7,005
Producers reporting net gains ² (see text) farms	2,454	3,333	1,745	1,072	566	2,213
Average net gain dollars	18,996	11,841	5,433	3,816	6,542	12,920
Gain of-						
Less than \$1,000	75	205	258	303	208	404
\$1,000 to \$4,999	288	873	893	618	251	748
\$5,000 to \$9,999	467	1,043	422	78	35	388
\$10,000 to \$24,999	1,089	1,025	129	51	44	394
\$25,000 to \$49,999	464	128	30	19	15	168
\$50,000 or more	71	59	13	3	13	111
Producers reporting net losses (see text) farms	1,065	2,298	2,800	3,196	3,611	11,487
Average net loss dollars	23,798	16,331	12,097	10,781	8,330	10,844
Loss of-						
Less than \$1,000	65	183	289	326	319	744
\$1,000 to \$4,999	223	587	822	1,026	1,405	3,885
\$5,000 to \$9,999	181	458	669	767	927	2,998
\$10,000 to \$24,999	309	661	740	790	782	2,921
\$25,000 to \$49,999	159	259	188	186	145	719
\$50,000 or more	128	150	92	101	33	220
COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)						
Total farms	23	26	6	3	-	-
..... \$1,000	121	122	(D)	(D)	-	-
INCOME FROM FARM-RELATED SOURCES						
Total income from farm-related sources farms	1,784	2,595	1,585	1,215	1,214	3,934
..... \$1,000	23,122	28,557	10,258	6,424	7,743	48,611
Customwork and other agricultural services farms	269	307	161	102	116	165
..... \$1,000	3,017	2,673	1,066	593	368	1,504
Gross cash rent or share payments farms	619	1,198	927	762	732	2,530
..... \$1,000	6,794	8,922	4,273	3,373	3,475	25,997
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products farms	134	243	187	139	156	477
..... \$1,000	1,326	2,174	963	590	1,085	4,216
Agri-tourism and recreational services farms	72	123	54	31	44	184
..... \$1,000	2,371	3,684	510	232	464	2,433
Patronage dividends and refunds from cooperatives farms	701	685	234	159	128	280
..... \$1,000	706	796	292	62	50	293
Crop and livestock insurance payments received farms	234	211	64	33	10	75
..... \$1,000	1,605	1,302	424	231	65	822
Amount from State and local government agricultural program payments farms	60	33	20	18	15	47
..... \$1,000	170	56	28	18	12	101
Other farm-related income sources (see text) farms	293	381	213	167	179	727
..... \$1,000	7,133	8,951	2,702	1,326	2,224	13,245
LAND USE						
Total cropland farms	3,384	5,198	3,964	3,462	3,126	10,002
..... acres	338,798	305,077	142,227	95,146	62,040	274,815
Harvested cropland farms	3,344	5,106	3,839	3,227	2,840	5,404
..... acres	292,252	247,884	105,546	66,421	39,153	64,089
Farms by acres harvested:						
1 to 49 acres	921	2,985	3,288	2,954	2,722	5,273
50 to 99 acres	1,124	1,640	422	235	102	100
100 to 199 acres	1,116	425	111	32	16	22
200 to 499 acres	180	53	18	6	-	9
500 to 999 acres	3	3	-	-	-	-
1,000 to 1,999 acres	-	-	-	-	-	-
2,000 acres or more	-	-	-	-	-	-
Cropland-						
Other pasture and grazing land that could have been used for crops without additional improvements farms	306	386	353	354	298	822
..... acres	9,365	9,120	5,998	5,250	3,464	11,412
On which all crops failed or were abandoned farms	242	356	266	261	212	725
..... acres	7,513	11,163	6,315	4,471	3,853	13,103
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed farms	676	1,020	736	690	722	4,699
..... acres	20,173	26,631	16,253	14,321	11,966	169,960
In summer fallow (see text) farms	308	431	370	298	262	778
..... acres	9,495	10,279	8,115	4,683	3,604	16,251
Total woodland farms	1,813	2,792	2,443	2,279	2,137	7,226
..... acres	78,344	116,409	69,938	56,724	59,009	234,751
Woodland pastured farms	246	518	456	497	405	1,071
..... acres	8,162	10,985	5,929	6,785	4,674	18,660
Woodland not pastured farms	1,693	2,535	2,221	2,006	1,913	6,671
..... acres	70,182	105,424	64,009	49,939	54,335	216,091
Permanent pasture and rangeland, other than cropland and woodland pastured farms	944	1,969	2,032	2,011	1,944	6,191
..... acres	28,477	45,726	30,686	26,597	19,268	77,103
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	2,222	3,623	3,120	2,933	3,009	9,648
..... acres	36,149	50,223	35,057	30,100	29,363	118,029

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
LAND USE - Con.						
Irrigated land .....farms	5,153	699	385	455	591	471
.....acres	670,212	452,256	93,847	55,548	37,955	14,073
Harvested cropland .....farms	4,914	696	384	449	581	461
.....acres	666,976	451,809	93,592	55,167	37,664	13,890
Pastureland and other land .....farms	316	8	3	11	12	17
.....acres	3,236	447	255	381	291	183
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs .....farms	4,478	241	248	270	321	257
.....acres	129,038	8,500	5,110	5,473	8,158	6,733
Land enrolled in crop insurance programs .....farms	8,834	1,169	1,137	1,364	1,790	1,132
.....acres	4,549,417	1,845,192	1,036,839	777,662	551,837	189,733
ORGANIC AGRICULTURE						
Total organic product sales .....farms	646	31	41	58	147	98
.....\$1,000	176,069	123,542	14,326	12,889	16,673	5,798
VALUE OF LAND AND BUILDINGS						
Estimated market value of land and buildings .....farms	47,641	1,622	1,601	2,184	3,310	3,084
.....\$1,000	48,385,690	15,144,805	7,067,299	6,036,998	5,337,805	2,845,412
Average per farm .....dollars	1,015,631	9,337,118	4,414,303	2,764,193	1,612,630	922,637
Average per acre .....dollars	4,955	5,307	4,643	4,645	4,732	4,739
Farms by value group:						
\$1 to \$49,999 .....farms	2,803	11	6	17	41	43
\$50,000 to \$99,999 .....farms	3,608	7	9	5	36	67
\$100,000 to \$199,999 .....farms	8,893	11	13	36	107	185
\$200,000 to \$499,999 .....farms	16,453	43	113	165	429	673
\$500,000 to \$999,999 .....farms	6,887	63	85	225	602	1,186
\$1,000,000 to \$1,999,999 .....farms	3,748	139	190	420	1,211	746
\$2,000,000 to \$4,999,999 .....farms	3,217	384	551	1,071	802	151
\$5,000,000 to \$9,999,999 .....farms	1,366	449	566	218	55	18
\$10,000,000 or more .....farms	666	515	68	27	27	15
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment .....farms	47,637	1,622	1,601	2,184	3,310	3,084
.....\$1,000	7,371,356	2,360,205	1,119,647	916,584	778,705	435,626
Farms by value group:						
\$1 to \$4,999 .....farms	2,977	1	1	-	17	31
\$5,000 to \$9,999 .....farms	3,761	2	5	-	14	46
\$10,000 to \$19,999 .....farms	6,473	2	3	20	70	151
\$20,000 to \$49,999 .....farms	12,446	16	35	70	288	472
\$50,000 to \$99,999 .....farms	8,333	43	67	139	432	718
\$100,000 to \$199,999 .....farms	5,550	69	128	375	904	940
\$200,000 to \$499,999 .....farms	4,513	221	400	829	1,238	622
\$500,000 or more .....farms	3,584	1,268	962	751	347	104
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups .....farms	36,665	1,585	1,504	2,084	3,091	2,679
.....number	75,227	11,224	6,671	7,052	7,999	5,421
Tractors, all .....farms	39,667	1,579	1,519	2,099	3,124	2,797
.....number	119,056	12,888	9,086	10,905	13,869	10,409
Less than 40 horsepower (PTO) .....farms	21,371	613	544	861	1,378	1,320
.....number	32,779	1,644	1,121	1,550	2,538	2,186
40 to 99 horsepower (PTO) .....farms	27,616	1,126	1,201	1,669	2,563	2,213
.....number	50,072	3,999	3,025	3,932	5,516	4,409
100 horsepower (PTO) or more .....farms	15,281	1,416	1,351	1,755	2,431	1,957
.....number	36,205	7,245	4,940	5,423	5,815	3,814
Grain and bean combines, self-propelled .....farms	10,496	1,011	1,129	1,487	1,846	1,359
.....number	12,046	1,378	1,357	1,725	2,083	1,502
Cotton pickers and strippers, self-propelled .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	1,818	316	210	162	193	134
.....number	1,989	352	228	177	212	143
Hay balers .....farms	15,006	535	568	833	1,335	1,160
.....number	19,507	687	778	1,194	1,826	1,603
FERTILIZERS AND CHEMICALS						
Commercial fertilizer, lime, and soil conditioners used .....farms	22,234	1,528	1,531	2,041	2,917	2,595
.....acres treated	5,515,923	2,017,743	1,040,915	944,913	742,687	339,528
Manure used .....farms	9,687	582	570	755	1,056	912
.....acres treated	825,365	382,638	141,001	94,614	75,153	39,114
Organic fertilizer used (see text) .....farms	1,401	34	45	60	179	146
.....acres treated	82,256	16,202	15,155	8,103	15,125	10,684
Acres treated to control-						
Insects .....farms	8,158	1,061	890	943	1,202	919
.....acres	2,171,602	1,099,432	456,926	276,980	184,455	73,981
Weeds, grass, or brush .....farms	17,875	1,462	1,442	1,901	2,676	2,313
.....acres	5,919,857	2,250,188	1,224,984	1,009,713	767,858	339,663
Nematodes .....farms	1,573	271	182	165	248	203
.....acres	407,101	228,088	66,234	40,943	38,933	17,539
Diseases in crops and orchards .....farms	4,573	652	548	568	726	467
.....acres	944,112	544,900	180,434	100,321	69,866	23,147

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
LAND USE - Con.						
Irrigated land farms	491	616	475	285	317	368
..... acres	6,528	3,910	2,029	1,061	719	2,286
Harvested cropland farms	483	593	448	255	282	282
..... acres	6,279	3,666	1,766	848	523	1,772
Pastureland and other land farms	25	33	43	32	39	93
..... acres	249	244	263	213	196	514
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs farms	243	283	148	124	108	2,235
..... acres	5,965	7,183	3,735	2,988	2,726	72,467
Land enrolled in crop insurance programs farms	839	782	233	121	62	205
..... acres	79,248	43,814	10,108	3,526	895	10,563
ORGANIC AGRICULTURE						
Total organic product sales farms	81	73	37	28	29	23
..... \$1,000	1,882	637	208	77	25	11
VALUE OF LAND AND BUILDINGS						
Estimated market value of land and buildings farms	3,519	5,631	4,545	4,268	4,177	13,700
..... \$1,000	2,160,638	2,357,194	1,382,213	1,178,635	981,301	3,893,390
Average per farm dollars	613,992	418,610	304,117	276,156	234,930	284,189
Average per acre dollars	4,485	4,556	4,974	5,651	5,783	5,525
Farms by value group:						
\$1 to \$49,999 farms	113	241	337	383	494	1,117
..... \$50,000 to \$99,999	76	351	420	469	550	1,618
..... \$100,000 to \$199,999	356	1,098	1,126	1,221	1,184	3,556
..... \$200,000 to \$499,999	1,306	2,635	2,076	1,710	1,596	5,707
..... \$500,000 to \$999,999	1,194	1,014	467	406	292	1,353
..... \$1,000,000 to \$1,999,999	373	219	83	51	46	270
..... \$2,000,000 to \$4,999,999	84	50	28	17	12	67
..... \$5,000,000 to \$9,999,999	16	18	7	11	3	5
..... \$10,000,000 or more	1	5	1	-	-	7
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment farms	3,519	5,631	4,545	4,266	4,177	13,698
..... \$1,000	348,163	365,393	232,450	171,332	148,404	494,847
Farms by value group:						
\$1 to \$4,999 farms	82	227	264	371	524	1,459
..... \$5,000 to \$9,999	102	274	399	511	537	1,871
..... \$10,000 to \$19,999	266	714	824	725	779	2,919
..... \$20,000 to \$49,999	809	1,883	1,522	1,516	1,406	4,429
..... \$50,000 to \$99,999	1,029	1,507	970	760	664	2,004
..... \$100,000 to \$199,999	808	686	403	290	212	735
..... \$200,000 to \$499,999	364	296	143	89	44	267
..... \$500,000 or more	59	44	20	4	11	14
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups farms	2,999	4,489	3,417	3,127	2,921	8,769
..... number	5,189	6,814	4,820	4,230	3,943	11,864
Tractors, all farms	3,163	4,880	3,735	3,464	3,165	10,142
..... number	9,985	12,993	8,485	7,048	5,869	17,519
Less than 40 horsepower (PTO) farms	1,560	2,564	2,158	2,000	1,983	6,390
..... number	2,562	4,057	3,139	2,787	2,738	8,457
40 to 99 horsepower (PTO) farms	2,406	3,628	2,715	2,374	1,908	5,813
..... number	4,514	6,337	4,336	3,550	2,648	7,806
100 horsepower (PTO) or more farms	1,796	1,812	775	545	396	1,047
..... number	2,909	2,599	1,010	711	483	1,256
Grain and bean combines, self-propelled farms	1,240	1,139	446	242	196	401
..... number	1,397	1,224	480	262	215	423
Cotton pickers and strippers, self-propelled farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	117	187	143	133	84	139
..... number	133	197	154	155	93	145
Hay balers farms	1,316	2,129	1,812	1,462	1,142	2,714
..... number	1,775	2,872	2,342	1,819	1,396	3,215
FERTILIZERS AND CHEMICALS						
Commercial fertilizer, lime, and soil conditioners used farms	2,636	3,076	1,701	1,208	1,042	1,959
..... acres treated	202,719	125,203	38,825	19,689	12,285	31,416
Manure used farms	839	1,199	900	704	672	1,498
..... acres treated	27,352	24,177	12,547	7,652	6,251	14,866
Organic fertilizer used (see text) farms	152	223	153	110	90	209
..... acres treated	5,039	4,455	2,043	1,835	385	3,230
Acres treated to control-						
Insects farms	771	827	445	319	271	510
..... acres	39,361	23,415	6,181	3,055	1,678	6,138
Weeds, grass, or brush farms	2,119	2,218	1,116	722	658	1,248
..... acres	174,922	91,092	22,718	10,872	6,172	21,675
Nematodes farms	155	160	56	47	44	42
..... acres	8,706	4,401	989	465	241	562
Diseases in crops and orchards farms	418	442	243	157	148	204
..... acres	12,455	7,794	2,256	912	788	1,239

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
FERTILIZERS AND CHEMICALS - Con.						
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms 1,490	298	253	189	255	118
acres on which used	281,266	164,021	57,540	26,846	21,086	5,529
LAND USE PRACTICES						
Land drained by tile	farms 12,704	920	1,006	1,331	1,898	1,484
acres	3,029,891	1,077,976	638,409	541,339	390,817	168,812
Land artificially drained by ditches	farms 8,363	425	407	490	874	732
acres	1,055,439	341,745	177,370	137,958	148,182	73,554
Land under conservation easement	farms 974	63	42	56	87	77
acres	72,425	18,865	5,908	4,084	6,860	4,202
Cropland on which no-till practices were used	farms 8,174	618	700	907	1,289	961
acres	1,566,334	432,755	340,677	312,413	263,038	99,839
Cropland on which reduced tillage, excluding no till, practices were used (see text)	farms 7,720	800	780	903	1,221	970
acres	2,297,131	986,997	485,440	340,627	266,154	105,423
Cropland on which intensive tillage practices were used (see text)	farms 11,727	790	736	978	1,417	1,343
acres	2,343,703	918,735	435,648	374,657	261,667	147,470
Cropland planted to a cover crop (excluding CRP)	farms 6,275	596	513	546	736	600
acres	673,205	326,222	124,910	73,965	61,878	29,120
RENEWABLE ENERGY						
Renewable energy producing systems	farms 3,689	222	166	167	247	197
Solar panels	farms 1,589	70	44	51	95	64
Wind turbines	farms 625	97	74	48	69	40
Methane digesters	farms 16	4	-	-	3	-
Geothermal/geoexchange systems (see text)	farms 1,464	66	52	67	82	74
Small hydro systems	farms 36	2	-	1	3	4
Biodiesel production systems (see text)	farms 53	3	2	5	2	4
Ethanol production systems (see text)	farms 53	4	5	2	2	9
Other	farms 236	7	4	11	14	25
Wind rights leased to others	farms 1,519	169	164	186	187	161
TENURE						
Full owners	farms 32,208	266	271	500	1,053	1,375
Part owners	farms 13,383	1,256	1,220	1,580	2,058	1,531
Tenants	farms 2,050	100	110	104	199	178
OWNED AND RENTED LAND						
Land owned	farms 45,709	1,528	1,493	2,081	3,120	2,912
acres	6,377,759	1,288,068	741,984	713,426	712,685	446,585
Owned land in farms	farms 45,591	1,522	1,491	2,080	3,111	2,906
acres	5,758,976	1,257,039	720,671	680,466	675,213	402,342
Land rented or leased from others	farms 15,551	1,361	1,334	1,685	2,261	1,714
acres	4,040,596	1,608,439	806,271	620,800	455,795	200,186
Rented or leased land in farms	farms 15,433	1,356	1,330	1,684	2,257	1,709
acres	4,005,114	1,596,842	801,405	619,137	452,850	198,069
Land rented or leased to others	farms 8,659	199	183	201	346	434
acres	654,265	42,626	26,179	34,623	40,417	46,360
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT)						
Total producers (see text)	80,432	3,880	3,196	4,094	5,675	5,060
Farms by number of producers:						
1 producer	21,709	470	599	933	1,583	1,574
2 producers	21,735	526	620	882	1,332	1,210
3 producers	2,563	347	233	194	231	189
4 producers	1,167	190	118	123	135	79
5 or more producers	467	89	31	52	29	32
Total male producers (see text)	51,989	3,080	2,451	3,074	4,069	3,593
Farms by number of male producers:						
1 producer	37,927	709	922	1,495	2,577	2,514
2 producers	4,548	506	483	493	534	375
3 producers	1,098	286	136	139	101	81
4 producers	235	74	26	9	23	15
5 or more producers	115	33	8	21	5	5
Total female producers (see text)	28,443	800	745	1,020	1,606	1,467
Farms by number of female producers:						
1 producer	24,212	477	549	765	1,259	1,242
2 producers	1,622	124	84	102	124	75
3 producers	200	13	4	9	17	15
4 producers	63	9	4	4	7	6
5 or more producers	22	-	-	1	3	1
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT)						
Sex of producers:						
Male	51,449	2,959	2,421	2,995	4,034	3,564
Female	27,955	720	713	984	1,562	1,441
Hired managers (see text)	4,499	1,459	847	656	517	225
Primary occupation:						
Farming	34,706	3,289	2,605	2,983	3,740	2,855
Other	44,698	390	529	996	1,856	2,150

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT) - Con.						
Place of residence:						
On farm operated	63,913	2,303	2,385	3,115	4,434	3,975
Not on farm operated	15,491	1,376	749	864	1,162	1,030
Days of work off farm:						
None	33,132	2,833	2,138	2,419	2,955	2,244
Any	46,272	846	996	1,560	2,641	2,761
1 to 49 days	6,652	204	252	309	424	418
50 to 99 days	3,277	76	92	158	230	229
100 to 199 days	5,906	91	135	245	440	368
200 days or more	30,437	475	517	848	1,547	1,746
Years on present farm:						
2 years or less	4,559	76	90	125	186	183
3 or 4 years	5,759	126	136	207	283	259
5 to 9 years	11,170	378	303	412	639	665
10 years or more	57,916	3,099	2,605	3,235	4,488	3,898
Average years on present farm	22.7	26.8	27.8	27.8	28.0	26.1
Years operating any farm (see text):						
5 years or less	10,752	202	227	312	458	405
6 to 10 years	9,496	295	278	356	526	617
11 years or more	59,156	3,182	2,629	3,311	4,612	3,983
Average years on any farm	24.6	29.1	29.9	29.9	30.2	28.1
Age group:						
Under 25 years	1,488	58	112	113	99	88
25 to 34 years	5,697	385	277	302	483	441
35 to 44 years	9,612	644	423	509	705	598
45 to 54 years	14,706	785	653	868	964	898
55 to 64 years	23,131	1,098	982	1,261	1,686	1,387
65 to 74 years	16,495	485	500	655	1,062	1,028
75 years and over	8,275	224	187	271	597	565
Average age	56.6	52.7	53.7	54.4	56.1	56.5
Young producers (see text)	8,012	498	418	462	642	587
Producers of Hispanic, Latino, or Spanish origin	1,024	37	19	67	59	64
Producers by race:						
American Indian or Alaska Native	351	4	3	3	15	13
Asian	155	3	-	1	8	8
Black or African American	342	1	11	8	16	13
Native Hawaiian or Other Pacific Islander	8	-	-	-	-	2
White	78,010	3,665	3,097	3,960	5,538	4,950
More than one race reported	538	6	23	7	19	19
Military service (see text):						
Never served	71,988	3,525	3,048	3,789	5,245	4,601
Served	7,416	154	86	190	351	404
Number of persons living in producers' households (see text)	158,308	9,732	7,673	8,862	12,248	10,627
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	69,711	3,227	2,788	3,492	4,880	4,416
Land use and/or crop decisions	60,124	2,848	2,496	3,138	4,364	3,948
Livestock decisions	42,028	1,669	1,239	1,544	2,332	2,198
Record keeping and/or financial management	58,779	2,688	2,420	3,076	4,300	3,954
Estate planning or succession planning	44,474	2,245	1,817	2,266	3,160	2,932
FARMS BY TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	45,826	1,405	1,445	2,017	3,089	2,924
Limited Liability Company	8,865,787	2,445,647	1,342,747	1,200,065	1,048,249	569,487
farms	5,084	502	382	401	441	394
acres	1,864,099	862,550	362,919	229,449	148,606	66,238
LEGAL STATUS FOR TAX PURPOSES						
Family or individual	40,523	603	893	1,489	2,520	2,606
farms	6,181,513	1,007,256	863,857	898,834	858,853	512,253
acres	3,246	543	348	378	401	257
Partnership	2,091,147	1,160,613	347,302	250,594	161,790	53,938
Registered under State law	2,620	487	307	310	319	214
farms	1,781,076	1,011,050	300,896	211,944	123,951	45,997
acres	2,880	457	336	291	334	171
Corporation	1,315,561	663,649	294,162	136,366	91,406	26,897
Family held	2,540	414	318	263	302	141
acres	1,205,096	605,111	280,043	125,797	82,897	24,781
More than 10 stockholders	32	8	5	3	2	-
10 or less stockholders	2,508	406	313	260	300	141
Other than family held	340	43	18	28	32	30
farms	110,465	58,538	14,119	10,569	8,509	2,116
acres	23	5	-	1	-	1
10 or less stockholders	317	38	18	27	32	29
farms	992	19	24	26	55	50
American Indian Reservation, etc.	175,869	22,363	16,755	13,809	16,014	7,323
acres						

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT) - Con.						
Place of residence:						
On farm operated	4,422	7,354	6,231	5,913	5,930	17,851
Not on farm operated	1,240	1,750	1,285	980	926	4,129
Days of work off farm:						
None	2,287	3,410	2,532	2,240	2,062	8,012
Any	3,375	5,694	4,984	4,653	4,794	13,968
1 to 49 days	491	783	622	624	626	1,899
50 to 99 days	256	388	330	315	313	890
100 to 199 days	469	784	662	609	635	1,468
200 days or more	2,159	3,739	3,370	3,105	3,220	9,711
Years on present farm:						
2 years or less	310	431	495	511	667	1,485
3 or 4 years	309	665	635	693	809	1,637
5 to 9 years	810	1,422	1,421	1,194	1,116	2,810
10 years or more	4,233	6,586	4,965	4,495	4,264	16,048
Average years on present farm	25.4	23.0	20.5	19.5	17.9	20.7
Years operating any farm (see text):						
5 years or less	637	1,226	1,201	1,298	1,525	3,261
6 to 10 years	662	1,152	1,206	993	935	2,476
11 years or more	4,363	6,726	5,109	4,602	4,396	16,243
Average years on any farm	27.4	25.1	22.4	21.2	19.7	22.2
Age group:						
Under 25 years	89	172	169	156	171	261
25 to 34 years	492	713	615	542	467	980
35 to 44 years	601	1,059	1,007	872	1,074	2,120
45 to 54 years	910	1,634	1,393	1,268	1,320	4,013
55 to 64 years	1,574	2,370	1,994	2,041	1,849	6,889
65 to 74 years	1,229	2,009	1,598	1,360	1,402	5,167
75 years and over	767	1,147	740	654	573	2,550
Average age	57.6	57.2	56.0	55.9	55.1	58.7
Young producers (see text)	629	989	870	771	745	1,401
Producers of Hispanic, Latino, or Spanish origin	72	128	107	91	98	282
Producers by race:						
American Indian or Alaska Native	14	62	42	75	55	65
Asian	6	41	21	10	9	48
Black or African American	18	37	53	63	28	94
Native Hawaiian or Other Pacific Islander	-	-	-	2	1	3
White	5,601	8,915	7,335	6,691	6,690	21,568
More than one race reported	23	49	65	52	73	202
Military service (see text):						
Never served	5,126	8,154	6,730	6,183	6,099	19,488
Served	536	950	786	710	757	2,492
Number of persons living in producers' households (see text)	11,543	17,341	14,493	13,019	13,447	39,323
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	4,974	7,918	6,512	6,065	6,138	19,301
Land use and/or crop decisions	4,424	7,102	5,817	5,158	5,121	15,708
Livestock decisions	2,455	4,638	4,538	4,321	4,477	12,617
Record keeping and/or financial management	4,372	6,989	5,555	5,028	5,028	15,369
Estate planning or succession planning	3,264	5,110	4,146	3,764	3,652	12,118
FARMS BY TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	3,401	5,489	4,434	4,184	4,103	13,335
Limited Liability Company	464,940	491,212	269,785	204,157	166,786	662,712
farms	354	557	402	403	313	935
acres	42,340	45,113	23,386	15,453	12,791	55,254
LEGAL STATUS FOR TAX PURPOSES						
Family or individual	3,078	5,016	4,129	3,919	3,868	12,402
farms	413,215	444,567	251,535	189,473	150,057	591,613
acres	203	292	162	153	124	385
Partnership	31,242	30,327	12,611	6,483	6,528	29,719
Registered under State law	161	213	112	111	87	299
acres	24,427	20,404	8,087	5,038	4,195	25,087
Corporation	152	216	169	125	143	486
farms	24,809	20,780	8,671	6,912	5,681	36,228
acres	131	186	155	101	116	413
Family held	21,129	16,598	8,068	6,519	4,961	29,192
More than 10 stockholders	-	-	1	1	3	9
10 or less stockholders	131	186	154	100	113	404
Other than family held	21	30	14	24	27	73
farms	3,680	4,182	603	393	720	7,036
acres	-	5	-	11	-	-
More than 10 stockholders	21	25	14	13	27	73
10 or less stockholders						
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	86	107	85	71	42	427
farms	12,502	21,761	5,091	5,699	7,414	47,138
acres						

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
HIRED FARM LABOR						
Hired farm labor .....farms	11,907	1,499	1,249	1,320	1,450	959
Workers by days worked:	77,475	34,831	9,692	7,082	7,001	3,561
150 days or more .....farms	5,589	1,359	983	847	640	327
Less than 150 days .....farms	27,177	16,529	3,251	2,341	1,666	721
.....workers	9,295	1,042	861	885	1,168	784
.....workers	50,298	18,302	6,441	4,741	5,335	2,840
Migrant farm labor on farms with hired labor .....farms	760	250	140	112	114	33
Migrant farm labor on farms reporting only contract labor .....farms	68	5	1	13	13	8
Unpaid workers .....farms	23,260	455	544	917	1,470	1,472
.....workers	54,839	987	1,155	2,069	3,519	3,672
FARMS BY SIZE						
1 to 9 acres	5,154	27	26	55	98	85
10 to 49 acres	16,920	94	77	88	203	370
50 to 69 acres	3,697	15	29	50	94	106
70 to 99 acres	4,931	21	34	59	153	186
100 to 139 acres	3,681	25	29	70	196	373
140 to 179 acres	2,230	24	31	55	153	439
180 to 219 acres	1,526	21	20	70	162	419
220 to 259 acres	1,191	16	26	36	220	380
260 to 499 acres	3,591	124	173	411	1,327	630
500 to 999 acres	2,560	264	382	1,007	636	85
1,000 to 1,999 acres	1,504	419	702	279	66	10
2,000 acres or more	656	572	72	4	2	1
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)						
Oilseed and grain farming (1111)	12,466	489	837	1,258	1,990	1,747
Vegetable and melon farming (1112)	1,826	125	54	56	120	132
Fruit and tree nut farming (1113)	2,549	101	104	165	243	212
Greenhouse, nursery, and floriculture production (1114)	2,313	142	102	148	188	181
Other crop farming (1119)	11,779	50	36	60	139	266
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	11,779	50	36	60	139	266
Beef cattle ranching and farming (11211)	5,578	42	85	78	153	210
Cattle feedlots (11212)	388	43	50	49	78	74
Dairy cattle and milk production (11212)	1,530	446	277	310	277	124
Hog and pig farming (1122)	715	129	41	20	15	9
Poultry and egg production (1123)	857	42	5	11	13	18
Sheep and goat farming (1124)	1,721	1	-	4	13	10
Aquaculture and other animal production (1125, 1129) (see text)	5,919	12	10	25	81	101
OTHER FARM CHARACTERISTICS						
Farms reporting-						
Internet access	36,756	1,448	1,353	1,838	2,648	2,349
Dial-up	1,344	46	40	68	99	94
DSL	7,610	336	310	392	527	453
Cable modem	8,236	270	255	383	540	464
Fiber-optic	1,704	128	60	95	118	116
Mobile internet service for a cell phone or other device (see text)	15,570	672	622	790	1,198	1,051
Satellite	7,022	349	298	355	488	409
Don't know (see text)	2,748	99	114	182	246	217
Other internet service	1,376	71	42	62	95	63
Farms by number of households sharing in net income of operation:						
1 household	40,932	901	1,019	1,568	2,552	2,588
2 households	5,092	367	402	442	583	388
3 households	1,046	207	112	142	131	82
4 households	356	99	53	23	22	13
5 or more households	215	48	15	9	22	13
LIVESTOCK						
Cattle and calves inventory .....farms	12,221	697	598	777	1,142	1,004
.....number	1,201,383	722,756	148,367	95,747	77,248	42,785
Farms with-						
1 to 9	4,620	18	27	51	106	142
10 to 49	4,550	22	40	135	401	560
50 to 99	1,132	20	53	143	414	216
100 to 199	765	27	122	327	169	77
200 to 499	681	195	310	113	51	8
500 or more	473	415	46	8	1	1
Cows and heifers that calved .....farms	9,243	553	389	553	738	680
.....number	545,554	366,793	46,293	32,562	25,669	15,766
Beef cows .....farms	7,445	83	113	240	453	546
.....number	103,522	4,068	4,871	9,179	15,044	13,337
Farms with-						
1 to 9	4,341	15	31	74	118	136
10 to 49	2,755	39	61	114	235	334
50 to 99	263	18	11	33	71	65
100 to 199	68	8	5	14	24	11
200 to 499	16	3	4	4	5	-
500 or more	2	-	1	1	-	-
Milk cows .....farms	2,158	485	322	364	326	168
.....number	442,032	362,725	41,422	23,383	10,625	2,429
Farms with-						
1 to 9	582	-	8	29	29	49

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
HIRED FARM LABOR						
Hired farm labor farms	863	1,171	731	643	510	1,512
Workers by days worked:	3,197	3,718	2,038	1,591	1,260	3,504
150 days or more farms	252	275	159	146	121	480
Workers	543	502	358	216	207	843
Less than 150 days farms	744	1,018	630	569	436	1,158
Workers	2,654	3,216	1,680	1,375	1,053	2,661
Migrant farm labor on farms with hired labor farms	45	34	10	1	6	15
Migrant farm labor on farms reporting only contract labor farms	13	5	3	-	5	2
Unpaid workers farms	1,610	2,777	2,426	2,283	2,286	7,020
Workers	3,973	6,763	5,864	5,555	5,513	15,769
FARMS BY SIZE						
1 to 9 acres	168	398	549	628	1,039	2,081
10 to 49 acres	487	1,794	2,055	2,272	2,135	7,345
50 to 69 acres	255	763	508	439	309	1,129
70 to 99 acres	598	982	646	418	334	1,500
100 to 139 acres	736	700	375	259	176	742
140 to 179 acres	453	361	178	107	76	353
180 to 219 acres	268	196	86	72	39	173
220 to 259 acres	167	155	41	27	18	105
260 to 499 acres	324	236	88	38	40	200
500 to 999 acres	57	34	17	6	10	62
1,000 to 1,999 acres	5	10	2	2	-	9
2,000 acres or more	1	2	-	-	1	1
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)						
Oilseed and grain farming (1111)	1,800	2,166	947	613	410	209
Vegetable and melon farming (1112)	165	315	350	197	207	105
Fruit and tree nut farming (1113)	250	375	247	163	172	517
Greenhouse, nursery, and floriculture production (1114)	223	297	220	175	155	482
Other crop farming (1119)	479	1,127	1,313	1,410	1,370	5,529
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	479	1,127	1,313	1,410	1,370	5,529
Beef cattle ranching and farming (11211)	282	778	820	910	648	1,572
Cattle feedlots (11212)	61	26	5	-	2	-
Dairy cattle and milk production (11212)	25	4	10	2	3	52
Hog and pig farming (1122)	12	32	58	124	239	36
Poultry and egg production (1123)	24	47	56	132	245	264
Sheep and goat farming (1124)	45	130	164	213	340	801
Aquaculture and other animal production (1125, 1129) (see text)	153	334	355	329	386	4,133
OTHER FARM CHARACTERISTICS						
Farms reporting-						
Internet access	2,674	4,269	3,526	3,277	3,264	10,110
Dial-up	143	160	127	106	117	344
DSL	544	856	700	696	701	2,095
Cable modem	565	920	810	788	713	2,528
Fiber-optic	115	188	165	145	129	445
Mobile internet service for a cell phone or other device (see text)	1,121	1,802	1,458	1,340	1,454	4,062
Satellite	506	809	736	586	635	1,851
Don't know (see text)	188	358	242	233	183	686
Other internet service	79	173	155	87	144	405
Farms by number of households sharing in net income of operation:						
1 household	2,955	4,859	4,079	3,867	3,878	12,666
2 households	446	646	380	342	245	851
3 households	65	82	63	36	28	98
4 households	31	27	15	14	14	45
5 or more households	22	17	8	9	12	40
LIVESTOCK						
Cattle and calves inventory farms	915	1,598	1,422	1,276	1,022	1,770
number	28,478	33,912	17,317	12,529	8,350	13,894
Farms with-						
1 to 9	175	494	704	787	752	1,364
10 to 49	567	988	694	482	267	394
50 to 99	144	104	22	6	1	9
100 to 199	29	10	2	-	-	2
200 to 499	-	1	-	1	2	-
500 or more	-	1	-	-	-	1
Cows and heifers that calved farms	727	1,290	1,127	1,024	803	1,359
number	13,337	17,672	9,006	6,895	4,077	7,484
Beef cows farms	655	1,232	1,074	983	762	1,304
number	12,715	17,412	8,824	6,776	3,968	7,328
Farms with-						
1 to 9	214	508	733	737	658	1,117
10 to 49	398	704	338	244	104	184
50 to 99	40	18	3	2	-	2
100 to 199	3	2	-	-	-	1
200 to 499	-	-	-	-	-	-
500 or more	-	-	-	-	-	-
Milk cows farms	110	96	70	66	60	91
number	622	260	182	119	109	156
Farms with-						
1 to 9	90	94	69	65	59	90

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
LIVESTOCK - Con.						
Cattle and calves inventory - Con.						
Cows and heifers that calved - Con.						
Milk cows - Con.						
Farms with - Con.						
10 to 49	462	6	16	46	249	119
50 to 99	353	3	57	245	48	-
100 to 199	303	51	208	44	-	-
200 to 499	270	237	33	-	-	-
500 or more	188	188	-	-	-	-
Other cattle (see text)	9,557	629	556	724	1,051	882
.....farms						
.....number	655,829	355,963	102,074	63,185	51,579	27,019
Cattle and calves sold	9,539	683	584	738	1,092	949
.....farms	748,919	425,671	119,512	76,045	54,006	29,146
.....number	628,397	351,330	106,430	60,976	48,420	24,344
.....\$1,000	3,347	423	258	320	405	267
Calves weighing less than 500 pounds	287,148	171,635	44,060	29,280	18,201	10,734
.....farms	8,692	670	556	707	1,041	884
.....number	461,771	254,036	75,452	46,765	35,805	18,412
Cattle on feed (see text)	1,168	177	188	210	289	179
.....farms	166,320	100,329	29,951	16,436	12,914	4,769
.....number						
Hogs and pigs inventory	2,017	147	56	67	102	133
.....farms	1,236,567	1,138,176	52,502	17,283	7,540	6,202
.....number						
Farms with-						
1 to 24	1,564	2	14	26	60	71
25 to 49	120	-	-	5	6	26
50 to 99	72	1	5	9	11	19
100 to 199	40	-	-	7	14	10
200 to 499	18	-	-	3	8	6
500 or more	203	144	37	17	3	1
Hogs and pigs sold	2,441	166	69	83	111	154
.....farms	4,076,081	3,817,117	164,553	46,194	13,365	8,864
.....number	608,555	565,611	27,785	8,070	2,156	1,315
.....\$1,000						
Sheep and lambs inventory (see text)	2,483	12	17	34	87	115
.....farms	89,270	2,824	3,912	9,683	17,827	6,697
.....number	1,610	9	14	31	81	104
Sheep and lambs sold	62,018	(D)	(D)	7,416	16,478	4,506
.....farms						
.....number						
Total horses and ponies inventory	10,235	54	72	148	256	335
.....farms	64,200	246	611	979	2,700	2,971
.....number	1,480	7	19	30	77	84
Total horses and ponies sold (see text)	4,421	14	28	93	631	514
.....farms						
.....number						
Goats, all inventory	2,614	3	7	25	45	54
.....farms	29,226	16	164	875	1,534	796
.....number	1,267	2	3	14	22	25
Goats, all sold	13,653	(D)	(D)	804	1,884	322
.....farms						
.....number						
POULTRY						
Layers inventory (see text)	7,039	21	39	108	186	271
.....farms	15,074,549	14,789,267	882	15,626	16,057	40,608
.....number						
Farms with-						
1 to 399	6,961	11	39	102	179	257
400 to 3,199	63	-	-	5	6	11
3,200 to 9,999	5	-	-	1	1	3
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	1	1	-	-	-	-
50,000 to 99,999	1	1	-	-	-	-
100,000 or more	8	8	-	-	-	-
Pullets for laying flock replacement inventory	1,159	11	8	13	16	49
.....farms	4,933,440	4,883,892	90	795	760	8,535
.....number						
Layers sold (see text)	1,235	10	5	13	34	42
.....farms	5,036,819	4,902,464	203	5,219	11,071	11,703
.....number						
Pullets for laying flock replacement sold	132	5	-	-	3	1
.....farms	6,573,536	6,556,853	-	-	193	(D)
.....number						
Broilers and other meat-type chickens sold	1,582	13	4	22	37	79
.....farms	8,868,690	6,933,600	795,050	880,724	40,955	34,744
.....number						
Farms with-						
1 to 1,999	1,539	-	1	10	29	75
2,000 to 59,999	21	-	-	6	8	4
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	22	13	3	6	-	-
Turkeys inventory (see text)	1,036	19	7	7	17	17
.....farms	2,279,108	2,201,707	(D)	627	(D)	455
.....number	767	19	1	10	20	18
Turkeys sold (see text)	5,186,242	5,068,028	(D)	24,760	30,157	4,332
.....farms						
.....number						
CROPS						
Barley for grain	183	8	16	21	28	17
.....farms	5,740	552	1,430	1,066	1,102	390
.....acres	272,067	23,941	76,999	57,579	49,172	16,287
Irrigated	1	-	-	-	-	1
.....farms	(D)	-	-	-	-	(D)
.....acres						
Farms by acres harvested:						
1 to 24 acres	114	3	4	9	11	8
25 to 99 acres	59	3	7	10	16	9
100 to 249 acres	7	2	3	1	1	-

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
LIVESTOCK - Con.						
Cattle and calves inventory - Con.						
Cows and heifers that calved - Con.						
Milk cows - Con.						
Farms with - Con.						
10 to 49	20	2	1	1	1	1
50 to 99	-	-	-	-	-	-
100 to 199	-	-	-	-	-	-
200 to 499	-	-	-	-	-	-
500 or more	-	-	-	-	-	-
Other cattle (see text)	787	1,275	1,041	875	680	1,057
..... farms						
..... number	15,141	16,240	8,311	5,634	4,273	6,410
Cattle and calves sold	860	1,399	1,242	1,103	719	170
..... farms	15,927	15,277	7,085	4,292	1,690	268
..... number	13,364	13,156	6,012	3,189	1,064	111
..... \$1,000						
Calves weighing less than 500 pounds	279	396	346	314	239	100
..... farms	4,737	4,293	1,887	1,429	708	184
..... number	804	1,320	1,129	962	545	74
Cattle weighing 500 pounds or more	11,190	10,984	5,198	2,863	982	84
..... farms	84	28	5	6	2	-
Cattle on feed (see text)	1,461	387	59	(D)	(D)	-
..... farms						
..... number						
Hogs and pigs inventory	158	267	273	257	239	318
..... farms	3,193	3,166	2,276	2,699	1,798	1,732
..... number						
Farms with-						
1 to 24	119	230	256	243	229	314
25 to 49	21	30	15	8	6	3
50 to 99	10	6	2	5	4	-
100 to 199	8	1	-	-	-	-
200 to 499	-	-	-	-	-	1
500 or more	-	-	-	1	-	-
Hogs and pigs sold	165	327	384	348	411	223
..... farms	6,475	7,235	4,833	3,993	2,766	686
..... number	886	990	708	546	397	90
..... \$1,000						
Sheep and lambs inventory (see text)	133	312	275	305	332	861
..... farms	8,390	11,527	7,614	5,941	5,113	9,742
..... number	103	271	234	253	265	245
..... farms	5,686	8,880	4,575	3,295	2,146	1,053
..... number						
Total horses and ponies inventory	468	955	1,007	1,004	922	5,014
..... farms	4,402	6,587	5,208	4,977	4,101	31,418
..... number	142	322	281	211	213	94
Total horses and ponies sold (see text)	680	872	675	461	352	101
..... farms						
..... number						
Goats, all inventory	102	273	334	309	420	1,042
..... farms	2,902	4,064	4,351	3,240	3,861	7,441
..... number	70	164	223	193	259	292
Goats, all sold	1,682	2,032	2,611	1,707	1,571	952
..... farms						
..... number						
POULTRY						
Layers inventory (see text)	330	837	890	903	1,073	2,381
..... farms	32,586	40,399	36,499	30,738	28,737	43,150
..... number						
Farms with-						
1 to 399	315	821	880	903	1,073	2,381
400 to 3,199	15	16	10	-	-	-
3,200 to 9,999	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Pullets for laying flock replacement inventory	44	147	185	151	211	324
..... farms	12,078	5,059	7,783	3,818	4,016	6,614
..... number						
Layers sold (see text)	59	172	245	168	185	302
..... farms	57,411	15,014	11,206	10,917	6,263	5,348
..... number						
Pullets for laying flock replacement sold	10	7	11	30	43	22
..... farms	10,060	117	(D)	2,512	661	738
..... number						
Broilers and other meat-type chickens sold	81	240	231	230	315	330
..... farms	36,085	55,247	34,700	24,668	20,825	12,092
..... number						
Farms with-						
1 to 1,999	78	240	231	230	315	330
2,000 to 59,999	3	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Turkeys inventory (see text)	36	139	109	133	219	333
..... farms	(D)	2,582	2,389	1,846	34,003	2,037
..... number	34	159	81	91	191	143
Turkeys sold (see text)	2,438	5,636	(D)	1,972	7,913	821
..... farms						
..... number						
CROPS						
Barley for grain	29	36	9	7	3	9
..... farms	531	445	64	84	36	40
..... acres	20,936	19,036	2,903	2,721	473	2,020
..... bushels						
Irrigated	-	-	-	-	-	-
..... farms	-	-	-	-	-	-
..... acres						
Farms by acres harvested:						
1 to 24 acres	21	31	9	6	3	9
25 to 99 acres	8	5	-	1	-	-
100 to 249 acres	-	-	-	-	-	-

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
CROPS - Con.						
Barley for grain - Con.						
Farms by acres harvested: - Con.						
250 to 499 acres	3	-	2	1	-	-
500 acres or more	-	-	-	-	-	-
Corn for grain	farms 11,195	1,088	1,197	1,520	2,062	1,616
acres	2,168,204	883,438	476,393	362,377	250,437	101,622
bushels	344,533,785	145,862,140	78,100,029	58,390,925	36,822,758	14,105,383
Irrigated	farms 1,030	336	167	164	172	105
acres	313,638	216,473	43,996	27,945	17,463	5,621
Farms by acres harvested:						
1 to 24 acres	2,751	16	26	66	170	273
25 to 99 acres	3,530	50	88	192	704	1,030
100 to 249 acres	2,418	173	283	581	1,027	308
250 to 499 acres	1,413	245	401	606	156	5
500 acres or more	1,083	604	399	75	5	-
Corn for silage or greenchop	farms 2,355	551	367	369	365	217
acres	331,133	229,855	44,745	27,649	14,131	5,966
tons	6,157,400	4,471,253	796,639	461,486	228,262	82,524
Irrigated	farms 133	90	24	9	4	1
acres	21,043	18,150	2,157	518	154	(D)
Farms by acres harvested:						
1 to 24 acres	772	11	18	57	169	141
25 to 99 acres	802	72	175	215	167	65
100 to 249 acres	453	188	136	88	28	11
250 to 499 acres	192	152	31	8	1	-
500 acres or more	136	128	7	1	-	-
Dry edible beans, excluding chickpeas and limas (see text)	farms 1,085	192	223	199	216	118
acres	225,334	99,301	60,272	34,896	20,423	6,560
cwt	4,487,274	2,102,183	1,167,828	657,046	370,550	119,583
Irrigated	farms 58	22	9	9	5	3
acres	10,376	6,291	2,166	1,095	569	92
Farms by acres harvested:						
1 to 24 acres	97	3	1	1	10	10
25 to 99 acres	341	7	33	36	112	89
100 to 249 acres	346	30	81	125	90	19
250 to 499 acres	190	63	87	36	4	-
500 acres or more	111	89	21	1	-	-
Oats for grain	farms 1,167	83	98	108	153	173
acres	34,492	4,936	4,221	7,140	4,487	3,776
bushels	2,079,160	339,852	292,191	469,624	248,345	222,246
Irrigated	farms 5	3	1	-	1	-
acres	417	(D)	(D)	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	778	14	40	56	92	129
25 to 99 acres	324	56	47	37	50	41
100 to 249 acres	59	12	9	12	11	3
250 to 499 acres	3	1	2	-	-	-
500 acres or more	-	-	-	3	-	-
Sorghum for grain	farms 27	10	2	2	1	2
acres	1,888	1,379	(D)	(D)	(D)	(D)
bushels	225,714	194,613	(D)	(D)	(D)	(D)
Irrigated	farms 7	6	-	-	1	-
acres	1,186	(D)	-	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	11	-	1	-	-	-
25 to 99 acres	11	6	1	1	1	2
100 to 249 acres	3	2	-	1	-	-
250 to 499 acres	2	2	-	-	-	-
500 acres or more	-	-	-	-	-	-
Soybeans for beans	farms 11,988	925	1,063	1,467	2,101	1,751
acres	2,487,343	716,890	508,848	471,333	400,086	188,223
bushels	107,048,753	33,713,319	22,852,210	20,128,959	16,014,862	7,305,011
Irrigated	farms 699	199	110	115	112	84
acres	140,492	83,498	25,993	13,868	10,355	4,574
Farms by acres harvested:						
1 to 24 acres	1,918	7	22	53	84	79
25 to 99 acres	4,126	86	88	151	359	850
100 to 249 acres	3,051	166	205	377	1,144	747
250 to 499 acres	1,580	175	250	630	447	74
500 acres or more	1,313	491	498	256	67	1
Sugarbeets for sugar	farms 661	188	166	138	102	43
acres	145,790	91,838	30,078	15,889	(D)	1,552
tons	3,693,023	2,368,929	751,093	376,121	144,267	38,945
Irrigated	farms 25	15	5	3	1	1
acres	(D)	1,799	503	173	(D)	(D)
Sunflower seed, all	farms 46	1	4	7	6	2
acres	1,735	(D)	706	520	167	(D)
pounds	3,095,470	(D)	(D)	1,103,410	160,172	(D)
Irrigated	farms 9	-	-	-	-	-
acres	(D)	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	30	-	1	-	3	2
25 to 99 acres	11	-	-	6	3	-
100 to 249 acres	4	1	2	1	-	-
250 to 499 acres	1	-	1	-	-	-
500 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms 4,974	670	714	775	1,032	680
acres	487,011	171,260	110,872	84,639	67,210	27,192
bushels	38,015,624	14,357,734	8,972,409	6,660,945	4,706,898	1,802,625

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
CROPS - Con.						
Barley for grain - Con.						
Farms by acres harvested: - Con.						
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Corn for grain	1,300	1,271	531	298	188	124
farms	49,135	31,631	7,724	3,124	1,334	989
acres	6,333,580	3,670,043	755,229	277,905	112,669	103,124
bushels	48	24	7	3	4	-
Irrigated	1,438	636	48	8	10	-
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	445	715	460	283	183	114
25 to 99 acres	816	552	69	15	5	9
100 to 249 acres	39	4	2	-	-	1
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Corn for silage or greenchop	165	189	61	42	15	14
farms	4,295	3,292	734	335	85	46
acres	60,685	42,763	8,772	3,869	719	428
tons	1	4	-	-	-	-
Irrigated	(D)	40	-	-	-	-
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	103	146	56	42	15	14
25 to 99 acres	60	43	5	-	-	-
100 to 249 acres	2	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Dry edible beans, excluding chickpeas and limas (see text)	63	49	13	11	-	1
farms	2,363	1,181	207	(D)	-	(D)
acres	43,726	21,232	2,788	(D)	-	(D)
cwt	2	2	-	6	-	-
Irrigated	(D)	(D)	-	84	-	-
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	17	30	13	11	-	1
25 to 99 acres	45	19	-	-	-	-
100 to 249 acres	1	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Oats for grain	166	187	90	59	15	35
farms	4,525	3,093	1,191	749	146	228
acres	243,098	167,883	55,402	28,267	5,721	6,531
bushels	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	110	160	78	50	14	35
25 to 99 acres	48	23	12	9	1	-
100 to 249 acres	8	4	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Sorghum for grain	-	1	1	2	-	6
farms	-	(D)	(D)	(D)	-	18
acres	-	(D)	(D)	(D)	-	810
bushels	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	-	1	1	2	-	6
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Soybeans for beans	1,660	1,667	659	330	248	117
farms	114,079	65,258	13,623	4,827	2,216	1,960
acres	4,153,303	2,208,958	436,913	132,737	46,586	55,895
bushels	38	24	8	6	3	-
Irrigated	1,458	556	136	(D)	(D)	-
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	142	439	462	290	236	104
25 to 99 acres	1,146	1,191	195	40	12	8
100 to 249 acres	368	37	2	-	-	5
250 to 499 acres	4	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Sugarbeets for sugar	19	4	1	-	-	-
farms	533	(D)	(D)	-	-	-
acres	12,854	(D)	(D)	-	-	-
tons	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-
farms						
acres						
Sunflower seed, all	1	6	12	1	-	6
farms	(D)	164	17	(D)	-	42
acres	(D)	155,280	9,306	(D)	-	33,834
pounds	-	-	3	-	-	6
Irrigated	-	-	(D)	-	-	42
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	1	4	12	1	-	6
25 to 99 acres	-	2	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Wheat for grain, all	501	369	121	49	39	24
farms	14,619	8,128	2,039	713	273	66
acres	908,961	457,973	104,185	30,014	11,672	2,208
bushels						

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
CROPS - Con.						
Wheat for grain, all - Con.						
Irrigated .....farms	114	55	15	20	16	4
.....acres	17,399	14,482	715	1,381	636	101
Farms by acres harvested:						
1 to 24 acres	1,202	28	34	64	149	216
25 to 99 acres	2,277	180	249	337	684	443
100 to 249 acres	1,021	203	281	324	186	19
250 to 499 acres	378	176	139	50	11	2
500 acres or more	96	83	11	-	2	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....farms	18,833	678	601	859	1,361	1,180
.....acres	1,009,570	211,685	90,555	92,322	106,923	75,845
.....tons, dry equivalent	2,674,133	954,685	323,927	269,692	271,861	178,587
Irrigated .....farms	417	107	45	19	33	20
.....acres	24,775	14,774	3,164	1,197	1,350	739
Farms by acres harvested:						
1 to 24 acres	10,092	53	101	182	449	460
25 to 99 acres	6,193	121	158	344	606	474
100 to 249 acres	1,837	194	236	257	226	203
250 to 499 acres	501	178	83	58	54	37
500 acres or more	210	132	23	18	26	6
Alfalfa hay .....farms	13,660	442	476	726	1,109	1,004
.....acres	576,416	77,543	49,833	55,734	65,006	52,138
.....tons, dry	1,351,628	292,380	148,569	166,707	166,753	122,407
Irrigated .....farms	267	45	26	12	25	17
.....acres	8,707	3,112	1,036	901	753	669
Other dry hay (see text) .....farms	5,188	71	86	142	247	232
.....acres	184,859	5,452	4,436	9,609	20,730	15,966
.....tons, dry	285,257	16,055	7,288	19,820	32,348	31,462
Irrigated .....farms	62	5	8	3	1	1
.....acres	1,744	314	98	112	(D)	(D)
Field and grass seed crops, all .....farms	26	2	2	1	3	4
.....acres	593	(D)	(D)	(D)	30	(D)
Irrigated .....farms	1	-	-	1	-	-
.....acres	(D)	-	-	(D)	-	-
Land in vegetables (see text) .....farms	3,047	234	132	145	258	264
.....acres	160,923	123,958	13,407	8,637	7,082	2,729
Irrigated .....farms	1,366	164	71	67	138	136
.....acres	102,819	88,411	6,137	3,008	2,756	1,003
Farms by acres harvested:						
0.1 to 4.9 acres	1,956	4	6	16	60	118
5.0 to 24.9 acres	554	20	21	42	103	120
25.0 to 99.9 acres	255	26	44	61	85	25
100.0 to 249.9 acres	135	49	54	21	10	1
250.0 acres or more	147	135	7	5	-	-
Beans, snap .....farms	844	41	34	36	67	83
.....acres	12,706	9,115	2,330	846	120	78
Harvested for processing .....farms	120	31	16	8	-	1
.....acres	11,220	8,463	2,095	641	-	(D)
Peas, green .....farms	239	10	-	10	26	14
.....acres	3,072	2,980	-	5	46	11
Harvested for processing .....farms	33	9	-	-	1	-
.....acres	3,008	2,979	-	-	(D)	-
Potatoes .....farms	761	49	27	28	75	61
.....acres	50,511	46,282	2,248	1,152	408	86
Harvested for processing .....farms	107	34	5	6	10	-
.....acres	40,447	38,917	713	624	135	-
Farms by acres harvested:						
0.1 to 4.9 acres	643	2	6	13	58	55
5.0 to 24.9 acres	35	-	3	4	11	6
25.0 to 99.9 acres	18	1	3	7	6	-
100.0 to 249.9 acres	28	10	15	3	-	-
250.0 acres or more	37	36	-	1	-	-
Sweet corn .....farms	835	38	45	54	108	80
.....acres	8,466	3,427	1,126	1,213	1,542	445
Harvested for processing .....farms	79	1	4	-	5	7
.....acres	229	(D)	31	-	15	9
Sweet potatoes .....farms	70	-	-	3	11	4
.....acres	(D)	-	-	6	2	1
Harvested for processing .....farms	3	-	-	-	-	-
.....acres	1	-	-	-	-	-
Tomatoes in the open .....farms	1,216	30	23	36	113	110
.....acres	5,102	4,154	135	104	217	122
Harvested for processing .....farms	125	12	-	3	4	4
.....acres	2,938	2,888	-	-	5	10
Land in orchards (see text) .....farms	2,552	112	91	137	212	201
.....acres	98,220	41,719	16,665	13,686	13,080	4,597
Irrigated .....farms	529	51	32	39	63	32
.....acres	15,278	7,577	2,489	1,198	2,022	452
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	1,379	2	1	7	12	42
5.0 to 24.9 acres	571	1	4	6	39	96
25.0 to 99.9 acres	323	18	16	61	117	57
100.0 to 249.9 acres	191	34	49	57	42	4
250.0 acres or more	88	57	21	6	2	2
Apples .....farms	1,551	93	76	93	135	116
.....bearing and nonbearing acres	38,563	19,724	6,260	4,051	4,374	1,080

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
CROPS - Con.						
Wheat for grain, all - Con.						
Irrigated farms	1	2	-	1	-	-
acres	(D)	(D)	-	(D)	-	-
Farms by acres harvested:						
1 to 24 acres	247	265	95	41	39	24
25 to 99 acres	247	103	26	8	-	-
100 to 249 acres	7	1	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) farms	1,378	2,502	2,292	2,157	1,846	3,979
acres	93,700	124,865	75,547	52,984	32,348	52,796
tons, dry equivalent	186,436	213,361	121,771	66,747	35,996	51,070
Irrigated farms	25	36	37	20	15	60
acres	863	682	672	337	168	829
Farms by acres harvested:						
1 to 24 acres	458	905	1,151	1,380	1,453	3,500
25 to 99 acres	602	1,284	1,027	739	381	457
100 to 249 acres	264	283	107	34	12	21
250 to 499 acres	52	27	7	4	-	1
500 acres or more	2	3	-	-	-	-
Alfalfa hay farms	1,138	1,940	1,745	1,540	1,242	2,298
acres	62,764	83,438	48,462	32,885	19,264	29,349
tons, dry	129,666	147,539	79,380	44,005	22,666	31,556
Irrigated farms	23	21	29	17	12	40
acres	737	419	495	224	118	243
Other dry hay (see text) farms	354	702	704	692	597	1,361
acres	23,910	34,868	23,790	17,854	10,543	17,701
tons, dry	40,048	53,361	37,224	20,120	11,356	16,175
Irrigated farms	2	14	7	5	3	13
acres	(D)	253	86	113	50	562
Field and grass seed crops, all farms	10	2	2	-	-	-
acres	369	(D)	(D)	-	-	-
Irrigated farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Land in vegetables (see text) farms	322	544	461	258	290	139
acres	1,802	1,800	800	332	269	108
Irrigated farms	169	206	178	75	106	56
acres	662	471	209	58	58	47
Farms by acres harvested:						
0.1 to 4.9 acres	204	440	432	251	287	138
5.0 to 24.9 acres	110	98	29	7	3	1
25.0 to 99.9 acres	8	6	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-
250.0 acres or more	-	-	-	-	-	-
Beans, snap farms	121	177	138	68	60	19
acres	72	73	39	21	8	4
Harvested for processing farms	4	18	15	8	18	1
acres	(D)	14	4	1	2	(D)
Peas, green farms	47	64	28	12	26	2
acres	13	9	4	(D)	3	(D)
Harvested for processing farms	-	6	4	2	11	-
acres	-	(D)	1	(D)	1	-
Potatoes farms	116	155	116	48	64	22
acres	106	131	57	13	22	7
Harvested for processing farms	2	17	12	5	14	2
acres	(D)	39	12	(D)	4	(D)
Farms by acres harvested:						
0.1 to 4.9 acres	111	151	113	48	64	22
5.0 to 24.9 acres	5	3	3	-	-	-
25.0 to 99.9 acres	-	1	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-
250.0 acres or more	-	-	-	-	-	-
Sweet corn farms	110	151	121	46	52	30
acres	322	230	96	27	27	12
Harvested for processing farms	5	16	11	6	14	10
acres	6	(D)	8	1	2	2
Sweet potatoes farms	24	15	10	3	-	-
acres	6	(D)	(D)	(Z)	-	-
Harvested for processing farms	1	-	2	-	-	-
acres	(D)	-	(D)	-	-	-
Tomatoes in the open farms	170	250	244	104	90	46
acres	115	125	69	30	18	14
Harvested for processing farms	6	23	33	15	24	5
acres	1	14	11	5	4	1
Land in orchards (see text) farms	218	370	282	181	216	532
acres	2,826	2,293	778	366	441	1,770
Irrigated farms	63	64	59	29	37	60
acres	613	346	135	42	45	359
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	69	219	233	166	194	434
5.0 to 24.9 acres	115	136	46	14	20	94
25.0 to 99.9 acres	31	15	3	1	2	2
100.0 to 249.9 acres	3	-	-	-	-	2
250.0 acres or more	-	-	-	-	-	-
Apples farms	124	218	178	97	111	310
bearing and nonbearing acres	972	734	276	134	229	729

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
CROPS - Con.						
Land in orchards (see text) - Con.						
Grapes .....farms	791	19	23	25	56	69
bearing and nonbearing acres	13,127	3,905	2,168	1,533	2,285	1,263
Peaches, all .....farms	477	23	30	44	42	43
bearing and nonbearing acres	2,863	699	794	640	295	131
Pecans .....farms	12	-	-	-	-	-
bearing and nonbearing acres	3	-	-	-	-	-
Walnuts, English .....farms	83	-	-	-	-	4
bearing and nonbearing acres	116	-	-	-	-	8
Land in berries (see text) .....farms	1,566	48	41	85	136	154
acres	25,006	11,895	3,108	3,019	2,442	1,532

See footnote(s) at end of table.

--continued

Table 72. Summary by Market Value of Agricultural Products Sold: 2017 (continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
CROPS - Con.						
Land in orchards (see text) - Con.						
Grapes farms	80	129	93	76	60	161
bearing and nonbearing acres	698	652	171	124	44	284
Peaches, all farms	49	64	46	22	21	93
bearing and nonbearing acres	124	83	35	5	15	42
Pecans farms	-	2	4	2	4	-
bearing and nonbearing acres	-	(D)	(D)	(D)	1	-
Walnuts, English farms	2	13	17	7	11	29
bearing and nonbearing acres	(D)	(D)	6	22	6	39
Land in berries (see text) farms	182	270	196	132	131	191
acres	1,145	854	266	121	88	538

¹ Landlord production expenses are included with total farm production expenses.

² Farms with total production expenses equal to market value of agricultural products sold, government payments, and farm-related income are included as farms with gains of less than \$1,000.

³ Data were collected for a maximum of four producers per farm.

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
FARMS AND LAND IN FARMS						
Farms number	47,641	1,673	1,650	2,195	3,355	3,156
..... percent	100.0	3.5	3.5	4.6	7.0	6.6
Land in farms acres	9,764,090	2,949,205	1,532,439	1,263,358	1,105,594	611,601
Average size of farm acres	205	1,763	929	576	330	194
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS						
Total (see text) farms	47,641	1,673	1,650	2,195	3,355	3,156
..... \$1,000	8,388,124	5,417,512	1,146,967	779,405	533,528	225,236
Average per farm dollars	176,069	3,238,202	695,132	355,082	159,025	71,367
Farms by economic class:						
Less than \$1,000 (see text)	11,116	-	-	-	-	-
\$1,000 to \$2,499	5,002	-	-	-	-	-
\$2,500 to \$4,999	4,972	-	-	-	-	-
\$5,000 to \$9,999	5,076	-	-	-	-	-
\$10,000 to \$24,999	5,872	-	-	-	-	-
\$25,000 to \$49,999	3,574	-	-	-	-	-
\$50,000 to \$99,999	3,156	-	-	-	-	3,156
\$100,000 to \$249,999	3,355	-	-	-	3,355	-
\$250,000 to \$499,999	2,195	-	-	2,195	-	-
\$500,000 to \$999,999	1,650	-	1,650	-	-	-
\$1,000,000 or more	1,673	1,673	-	-	-	-
\$1,000,000 to \$2,499,999	1,158	1,158	-	-	-	-
\$2,500,000 to \$4,999,999	304	304	-	-	-	-
\$5,000,000 or more	211	211	-	-	-	-
Total sales farms	47,641	1,673	1,650	2,195	3,355	3,156
..... \$1,000	8,220,935	5,363,543	1,114,499	752,838	512,371	215,193
Grains, oilseeds, dry beans, and dry peas farms	16,493	1,262	1,361	1,697	2,527	2,197
..... \$1,000	2,611,695	1,088,140	584,997	422,028	296,048	119,101
Sales of \$50,000 or more farms	7,416	1,159	1,233	1,494	2,136	1,394
..... \$1,000	2,471,797	1,085,798	582,399	418,299	289,004	96,298
Corn farms	11,688	1,163	1,275	1,554	2,148	1,660
..... \$1,000	1,290,882	608,522	283,280	197,309	121,819	44,615
Sales of \$50,000 or more farms	4,692	1,048	1,115	1,235	1,129	165
..... \$1,000	1,178,909	605,410	279,151	189,611	94,797	9,940
Wheat farms	4,967	699	734	781	1,036	677
..... \$1,000	167,092	66,866	41,142	26,831	19,567	7,050
Sales of \$50,000 or more farms	931	382	319	184	44	2
..... \$1,000	107,870	59,767	31,474	13,493	(D)	(D)
Soybeans farms	11,961	966	1,113	1,468	2,145	1,767
..... \$1,000	998,608	337,082	221,384	177,754	142,344	63,245
Sales of \$50,000 or more farms	4,743	845	967	1,201	1,340	390
..... \$1,000	866,724	333,665	217,778	171,445	118,641	25,195
Sorghum farms	48	11	8	9	2	-
..... \$1,000	1,386	1,003	303	39	(D)	-
Sales of \$50,000 or more farms	8	4	4	-	-	-
..... \$1,000	1,099	863	236	-	-	-
Barley farms	172	7	17	17	23	18
..... \$1,000	736	35	162	211	(D)	55
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Rice farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Other grains, oilseeds, dry beans, and dry peas farms	2,577	334	353	323	406	316
..... \$1,000	152,991	74,632	38,726	19,884	12,176	4,137
Sales of \$50,000 or more farms	690	201	211	158	105	15
..... \$1,000	137,305	73,121	37,177	17,671	8,447	890
Tobacco farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Cotton and cottonseed farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms	3,089	241	139	150	269	264
..... \$1,000	535,068	428,094	43,152	20,746	19,367	9,166
Sales of \$50,000 or more farms	675	217	116	102	143	97
..... \$1,000	513,222	427,572	42,681	19,823	17,104	6,042
Fruits, tree nuts, and berries farms	2,876	139	121	194	307	286
..... \$1,000	440,718	239,702	73,858	55,509	39,131	15,225
Sales of \$50,000 or more farms	870	132	115	179	252	192
..... \$1,000	420,114	239,605	73,702	55,264	38,259	13,284
Fruits and tree nuts farms	1,953	108	91	139	211	192
..... \$1,000	294,371	154,650	54,534	37,238	27,968	9,181
Sales of \$50,000 or more farms	616	104	90	128	182	112
..... \$1,000	281,142	154,577	(D)	37,048	27,472	(D)
Berries farms	1,321	46	40	85	133	149
..... \$1,000	146,347	85,052	19,323	18,270	11,163	6,044
Sales of \$50,000 or more farms	262	35	29	59	71	68
..... \$1,000	137,205	84,841	19,139	17,924	10,302	5,000
Nursery, greenhouse, floriculture, and sod (see text) farms	1,939	161	106	170	221	238
..... \$1,000	739,749	578,410	65,380	46,376	25,861	11,781
Sales of \$50,000 or more farms	725	156	102	155	173	139
..... \$1,000	723,766	578,282	65,299	46,024	24,646	9,516

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
FARMS AND LAND IN FARMS						
Farms number	3,574	5,872	5,076	4,972	5,002	11,116
..... percent	7.5	12.3	10.7	10.4	10.5	23.3
Land in farms acres	491,010	528,741	320,377	256,503	207,904	497,358
Average size of farm acres	137	90	63	52	42	45
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS						
Total (see text) farms	3,574	5,872	5,076	4,972	5,002	11,116
..... \$1,000	126,583	93,670	36,269	17,952	8,372	2,630
Average per farm dollars	35,418	15,952	7,145	3,611	1,674	237
Farms by economic class:						
Less than \$1,000 (see text)	-	-	-	-	-	11,116
\$1,000 to \$2,499	-	-	-	-	5,002	-
\$2,500 to \$4,999	-	-	-	4,972	-	-
\$5,000 to \$9,999	-	-	5,076	-	-	-
\$10,000 to \$24,999	-	5,872	-	-	-	-
\$25,000 to \$49,999	3,574	-	-	-	-	-
\$50,000 to \$99,999	-	-	-	-	-	-
\$100,000 to \$249,999	-	-	-	-	-	-
\$250,000 to \$499,999	-	-	-	-	-	-
\$500,000 to \$999,999	-	-	-	-	-	-
\$1,000,000 or more	-	-	-	-	-	-
\$1,000,000 to \$2,499,999	-	-	-	-	-	-
\$2,500,000 to \$4,999,999	-	-	-	-	-	-
\$5,000,000 or more	-	-	-	-	-	-
Total sales farms	3,574	5,872	5,076	4,972	5,002	11,116
..... \$1,000	120,411	86,686	31,435	14,961	6,624	2,376
Grains, oilseeds, dry beans, and dry peas farms	2,188	2,645	1,193	710	443	270
..... \$1,000	59,457	32,722	6,293	2,100	660	149
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Corn farms	1,359	1,351	568	319	185	106
..... \$1,000	19,975	11,880	2,345	861	232	44
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Wheat farms	469	361	105	46	40	19
..... \$1,000	3,435	1,696	338	108	55	3
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Soybeans farms	1,629	1,610	637	318	222	86
..... \$1,000	34,065	17,982	3,350	994	343	65
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sorghum farms	5	8	4	-	1	-
..... \$1,000	6	6	8	-	(D)	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Barley farms	30	33	8	8	3	8
..... \$1,000	74	53	8	9	(D)	5
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Rice farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Other grains, oilseeds, dry beans, and dry peas farms	244	274	135	87	34	71
..... \$1,000	1,902	1,104	245	127	27	32
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Tobacco farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Cotton and cottonseed farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms	329	563	465	268	276	125
..... \$1,000	5,965	5,175	2,332	688	327	56
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Fruits, tree nuts, and berries farms	334	501	351	240	209	194
..... \$1,000	8,999	5,640	1,687	616	276	76
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Fruits and tree nuts farms	210	331	232	160	151	128
..... \$1,000	5,355	3,723	1,088	381	202	51
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Berries farms	176	236	173	118	83	82
..... \$1,000	3,644	1,917	599	235	74	25
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Nursery, greenhouse, floriculture, and sod (see text) farms	270	326	200	113	110	24
..... \$1,000	6,806	3,606	1,013	350	152	16
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.							
Total (see text) - Con.							
Total sales - Con.							
Cultivated Christmas trees and short rotation woody crops (see text)	farms	774	19	11	31	47	42
	\$1,000	28,732	10,382	3,296	6,078	4,154	1,572
Sales of \$50,000 or more	farms	100	17	9	21	33	20
	\$1,000	24,752	(D)	(D)	5,839	4,067	1,323
Cultivated Christmas trees (see text)	farms	774	19	11	31	47	42
	\$1,000	28,732	10,382	3,296	6,078	4,154	1,572
Sales of \$50,000 or more	farms	100	17	9	21	33	20
	\$1,000	24,752	(D)	(D)	5,839	4,067	1,323
Short rotation woody crops	farms	-	-	-	-	-	-
	\$1,000	-	-	-	-	-	-
Sales of \$50,000 or more	farms	-	-	-	-	-	-
	\$1,000	-	-	-	-	-	-
Other crops and hay (see text)	farms	14,059	433	464	583	965	906
	\$1,000	288,290	121,473	44,555	31,148	24,574	16,851
Sales of \$50,000 or more	farms	998	294	244	208	143	109
	\$1,000	205,982	119,184	40,988	25,677	13,317	6,817
Maple syrup	farms	872	10	7	30	53	65
	\$1,000	6,254	318	88	743	1,786	1,216
Sales of \$50,000 or more	farms	28	1	-	2	12	13
	\$1,000	3,142	(D)	-	(D)	1,426	817
Cattle and calves	farms	9,539	699	585	760	1,087	958
	\$1,000	628,397	353,077	105,500	62,253	47,199	24,206
Sales of \$50,000 or more	farms	1,787	609	372	300	332	174
	\$1,000	548,971	350,307	99,965	53,068	34,623	11,008
Milk from cows	farms	1,652	492	314	340	297	133
	\$1,000	1,786,057	1,499,059	155,942	86,161	36,688	7,238
Sales of \$50,000 or more	farms	1,498	492	314	327	286	79
	\$1,000	1,782,400	1,499,059	155,942	85,754	36,400	5,246
Hogs and pigs	farms	2,441	168	72	79	117	150
	\$1,000	608,555	566,362	27,843	7,268	2,183	1,311
Sales of \$50,000 or more	farms	269	163	53	29	15	9
	\$1,000	602,829	(D)	27,549	6,991	1,385	(D)
Sheep, goats, wool, mohair, and milk	farms	2,741	12	20	42	99	118
	\$1,000	14,796	(D)	(D)	1,530	3,303	1,095
Sales of \$50,000 or more	farms	38	1	6	5	23	3
	\$1,000	5,735	(D)	(D)	1,266	2,418	173
Horses, ponies, mules, burros, and donkeys (see text)	farms	1,558	7	20	30	81	91
	\$1,000	17,091	(D)	113	1,376	4,574	2,790
Sales of \$50,000 or more	farms	73	-	-	7	29	37
	\$1,000	7,723	-	-	1,253	4,119	2,351
Poultry and eggs	farms	5,300	57	33	80	154	222
	\$1,000	480,253	463,722	3,838	4,151	2,468	1,423
Sales of \$50,000 or more	farms	88	48	6	11	15	8
	\$1,000	474,074	463,715	3,819	3,922	2,075	542
Aquaculture	farms	57	2	4	5	8	8
	\$1,000	8,834	(D)	(D)	1,722	1,006	514
Sales of \$50,000 or more	farms	24	2	3	5	8	6
	\$1,000	8,536	(D)	(D)	1,722	1,006	(D)
Other animals and other animal products (see text)	farms	1,626	11	27	29	77	110
	\$1,000	32,700	10,337	3,343	6,493	5,816	2,921
Sales of \$50,000 or more	farms	103	5	5	20	38	35
	\$1,000	28,015	10,214	3,258	6,359	5,738	2,447
Value of- Government payments (see text)	farms	15,350	1,203	1,241	1,575	2,199	1,796
	\$1,000	167,189	53,970	32,469	26,567	21,157	10,043
Landlord's share of total sales (see text)	farms	1,238	121	190	201	226	177
	\$1,000	52,365	24,458	13,713	7,348	4,126	1,741
FOOD MARKETING PRACTICES (SEE TEXT)							
Food sold directly to - Consumers	farms	5,669	62	76	173	355	466
	\$1,000	90,677	10,317	12,143	16,232	17,858	12,927
Retail markets, institutions, and food hubs for local or regionally branded products (see text)	farms	1,029	79	59	68	122	130
	\$1,000	235,827	191,341	20,664	8,461	8,051	3,239
FARM PRODUCTION EXPENSES							
Total farm production expenses ¹	farms	47,641	1,673	1,650	2,195	3,355	3,156
	\$1,000	7,208,181	4,482,054	909,954	602,758	448,563	199,840
Average per farm	dollars	151,302	2,679,052	551,487	274,605	133,700	63,321
Fertilizer, lime, and soil conditioners purchased	farms	25,277	1,592	1,593	2,097	3,075	2,747
	\$1,000	592,379	278,166	112,158	82,302	63,042	26,236
Farms with expenses of- \$1 to \$4,999		14,343	64	106	252	571	985
\$5,000 to \$24,999		6,052	208	319	642	1,478	1,616
\$25,000 to \$49,999		2,042	228	324	526	807	138
\$50,000 or more		2,840	1,092	844	677	219	8
Chemicals purchased	farms	21,160	1,590	1,576	2,018	2,878	2,527
	\$1,000	360,374	182,238	67,692	48,153	35,251	13,639
Farms with expenses of- \$1 to \$4,999		12,912	103	170	335	814	1,538
\$5,000 to \$24,999		5,049	345	467	953	1,738	936

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.						
Total (see text) - Con.						
Total sales - Con.						
Cultivated Christmas trees and short rotation woody crops (see text) farms	47	117	99	92	84	185
..... \$1,000	1,054	1,207	550	257	111	69
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Cultivated Christmas trees (see text) farms	47	117	99	92	84	185
..... \$1,000	1,054	1,207	550	257	111	69
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Short rotation woody crops farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Other crops and hay (see text) farms	1,152	2,049	1,944	1,853	1,593	2,117
..... \$1,000	15,782	16,950	8,920	4,899	2,133	1,004
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Maple syrup farms	103	124	96	85	129	170
..... \$1,000	913	575	322	111	117	67
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Cattle and calves farms	866	1,396	1,256	1,068	701	163
..... \$1,000	13,148	12,844	5,963	3,072	1,029	106
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Milk from cows farms	51	6	12	4	3	-
..... \$1,000	(D)	(D)	(D)	(D)	3	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Hogs and pigs farms	172	325	393	360	390	215
..... \$1,000	869	988	715	554	375	86
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sheep, goats, wool, mohair, and milk farms	163	405	412	401	490	579
..... \$1,000	1,668	2,234	1,247	806	559	234
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Horses, ponies, mules, burros, and donkeys (see text) farms	151	330	293	220	223	112
..... \$1,000	3,031	2,938	1,317	547	294	(D)
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Poultry and eggs farms	309	710	762	751	880	1,342
..... \$1,000	1,113	1,143	787	653	516	440
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Aquaculture farms	6	10	1	2	9	2
..... \$1,000	(D)	(D)	(D)	(D)	7	(D)
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Other animals and other animal products (see text) farms	134	245	248	245	226	274
..... \$1,000	1,473	1,078	578	407	183	71
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Value of- Government payments (see text) farms	1,564	1,778	1,239	1,137	1,162	456
..... \$1,000	6,172	6,984	4,834	2,991	1,748	254
Landlord's share of total sales (see text) farms	113	92	59	37	22	-
..... \$1,000	575	270	98	31	4	-
FOOD MARKETING PRACTICES (SEE TEXT)						
Food sold directly to - Consumers farms	539	966	876	702	737	717
..... \$1,000	8,626	6,492	3,317	1,580	806	377
Retail markets, institutions, and food hubs for local or regionally branded products (see text) farms	122	177	85	101	57	29
..... \$1,000	1,998	1,135	276	298	351	13
FARM PRODUCTION EXPENSES						
Total farm production expenses ¹ farms	3,574	5,872	5,076	4,972	5,002	11,116
..... \$1,000	129,080	121,488	73,322	57,369	47,547	136,206
Average per farm dollars	36,117	20,689	14,445	11,538	9,506	12,253
Fertilizer, lime, and soil conditioners purchased farms	2,806	3,505	2,211	1,749	1,447	2,455
..... \$1,000	13,243	8,671	3,067	1,871	1,099	2,525
Farms with expenses of- \$1 to \$4,999 farms	1,742	3,043	2,104	1,711	1,418	2,347
..... \$5,000 to \$24,999 farms	1,055	459	105	35	28	107
..... \$25,000 to \$49,999 farms	9	3	2	3	1	1
..... \$50,000 or more farms	-	-	-	-	-	-
Chemicals purchased farms	2,355	2,713	1,612	1,201	1,051	1,639
..... \$1,000	6,979	3,637	981	550	433	820
Farms with expenses of- \$1 to \$4,999 farms	1,914	2,583	1,593	1,197	1,042	1,623
..... \$5,000 to \$24,999 farms	435	129	19	4	9	14

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
FARM PRODUCTION EXPENSES - Con.						
Total farm production expenses ¹ - Con.						
Chemicals purchased - Con.						
Farms with expenses of- - Con.						
\$25,000 to \$49,999	1,509	269	431	492	263	47
\$50,000 or more	1,690	873	508	238	63	6
Seeds, plants, vines, and trees purchased	20,784	1,576	1,547	1,952	2,816	2,430
Farms						
\$1,000	604,053	308,956	107,788	79,945	58,370	25,364
Farms with expenses of-						
\$1 to \$999	5,758	6	18	25	70	134
\$1,000 to \$4,999	4,492	22	32	103	304	533
\$5,000 to \$24,999	5,520	133	272	526	1,505	1,658
\$25,000 to \$49,999	2,033	195	309	594	821	87
\$50,000 or more	2,981	1,220	916	704	116	18
Cover crop seed purchased (see text)	4,189	426	372	381	587	426
Farms						
\$1,000	9,812	4,164	2,222	961	1,212	461
Livestock and poultry purchased or leased	11,498	592	455	528	776	787
Farms						
\$1,000	390,358	285,390	41,998	20,688	15,239	6,734
Farms with expenses of-						
\$1 to \$4,999	8,346	46	95	146	316	462
\$5,000 to \$24,999	1,882	77	105	149	275	252
\$25,000 to \$99,999	659	110	107	164	152	71
\$100,000 to \$249,999	295	97	98	65	33	2
\$250,000 or more	316	262	50	4	-	-
Breeding livestock purchased or leased	4,570	299	239	222	316	307
Farms						
\$1,000	87,771	55,635	13,392	4,157	4,192	1,992
Other livestock and poultry purchased or leased (see text)	8,630	358	259	362	559	584
Farms						
\$1,000	302,587	229,755	28,606	16,532	11,047	4,742
Feed purchased	22,882	890	650	885	1,290	1,257
Farms						
\$1,000	1,269,333	1,059,880	79,743	37,461	23,177	9,766
Farms with expenses of-						
\$1 to \$4,999	16,153	40	52	212	459	780
\$5,000 to \$24,999	4,397	34	101	260	544	379
\$25,000 to \$99,999	1,147	83	190	308	253	96
\$100,000 to \$249,999	482	151	199	92	34	2
\$250,000 or more	703	582	108	13	-	-
Gasoline, fuels, and oils purchased	45,095	1,672	1,644	2,190	3,335	3,138
Farms						
\$1,000	313,479	159,133	43,128	32,858	24,651	11,767
Farms with expenses of-						
\$1 to \$4,999	36,097	43	151	361	1,475	2,385
\$5,000 to \$24,999	6,460	271	793	1,534	1,759	741
\$25,000 to \$49,999	1,319	383	549	245	78	9
\$50,000 or more	1,219	975	151	50	23	3
Utilities	32,201	1,673	1,650	2,191	3,210	2,706
Farms						
\$1,000	190,561	105,786	19,298	16,086	13,938	6,537
Farms with expenses of-						
\$1 to \$999	13,037	10	49	103	459	767
\$1,000 to \$4,999	13,346	96	452	947	1,884	1,643
\$5,000 to \$24,999	4,573	622	998	1,070	820	291
\$25,000 to \$49,999	648	421	108	59	39	5
\$50,000 or more	597	524	43	12	8	-
Repairs, supplies, and maintenance costs	39,756	1,670	1,650	2,195	3,288	3,040
Farms						
\$1,000	524,438	260,659	70,002	51,288	42,845	24,844
Farms with expenses of-						
\$1 to \$4,999	26,275	32	95	205	767	1,383
\$5,000 to \$24,999	9,321	162	449	1,191	2,088	1,512
\$25,000 to \$49,999	2,120	278	618	593	364	111
\$50,000 or more	2,040	1,198	488	206	69	34
Hired farm labor	11,907	1,546	1,265	1,305	1,448	962
Farms						
\$1,000	952,388	688,484	106,843	59,079	40,177	13,722
Farms with expenses of-						
\$1 to \$4,999	5,360	32	149	288	554	454
\$5,000 to \$24,999	2,464	93	221	390	420	348
\$25,000 to \$99,999	2,359	402	528	459	382	145
\$100,000 to \$249,999	986	403	289	144	79	13
\$250,000 or more	738	616	78	24	13	2
Contract labor	3,245	527	310	267	356	268
Farms						
\$1,000	109,346	77,118	9,865	6,601	5,616	2,620
Farms with expenses of-						
\$1 to \$999	679	8	8	15	39	56
\$1,000 to \$4,999	1,001	64	64	81	103	83
\$5,000 to \$24,999	1,014	213	150	95	149	102
\$25,000 to \$49,999	235	64	31	44	40	20
\$50,000 or more	316	178	57	32	25	7
Customwork and custom hauling	9,567	995	763	862	1,259	1,021
Farms						
\$1,000	165,370	117,858	13,852	9,728	10,022	4,789
Farms with expenses of-						
\$1 to \$999	2,733	15	53	62	134	194
\$1,000 to \$4,999	3,514	79	167	250	524	487
\$5,000 to \$24,999	2,318	256	363	479	534	324
\$25,000 to \$49,999	490	242	121	40	52	12
\$50,000 or more	512	403	59	31	15	4
Cash rent for land, buildings, and grazing fees	12,268	1,369	1,305	1,613	2,087	1,516
Farms						
\$1,000	486,995	273,310	97,541	55,814	34,131	11,846

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
FARM PRODUCTION EXPENSES - Con.						
Total farm production expenses ¹ - Con.						
Chemicals purchased - Con.						
Farms with expenses of - Con.						
\$25,000 to \$49,999	6	1	-	-	-	-
\$50,000 or more	-	-	-	-	-	2
Seeds, plants, vines, and trees purchased farms	2,123	2,462	1,622	1,182	1,153	1,921
\$1,000	12,066	6,238	2,042	1,015	754	1,516
Farms with expenses of-						
\$1 to \$999	286	862	964	869	960	1,564
\$1,000 to \$4,999	849	1,302	593	288	169	297
\$5,000 to \$24,999	964	292	64	25	23	58
\$25,000 to \$49,999	18	5	1	-	1	2
\$50,000 or more	6	1	-	-	-	-
Cover crop seed purchased (see text) farms	356	428	319	213	236	445
\$1,000	272	218	92	47	50	113
Livestock and poultry purchased or leased farms	719	1,260	1,325	1,327	1,411	2,318
\$1,000	3,233	4,557	3,533	2,925	2,028	4,032
Farms with expenses of-						
\$1 to \$4,999	520	962	1,137	1,178	1,348	2,136
\$5,000 to \$24,999	186	285	176	145	59	173
\$25,000 to \$99,999	13	13	12	4	4	9
\$100,000 to \$249,999	-	-	-	-	-	-
\$250,000 or more	-	-	-	-	-	-
Breeding livestock purchased or leased farms	366	526	539	517	452	787
\$1,000	1,300	1,876	1,329	1,160	743	1,995
Other livestock and poultry purchased or leased (see text) farms	486	970	1,030	1,037	1,161	1,824
\$1,000	1,933	2,681	2,204	1,765	1,285	2,037
Feed purchased farms	1,286	2,414	2,395	2,345	2,422	7,048
\$1,000	7,324	10,665	7,298	6,295	5,814	21,909
Farms with expenses of-						
\$1 to \$4,999	839	1,798	1,965	1,987	2,170	5,851
\$5,000 to \$24,999	403	569	413	349	244	1,101
\$25,000 to \$99,999	43	45	17	9	8	95
\$100,000 to \$249,999	1	2	-	-	-	1
\$250,000 or more	-	-	-	-	-	-
Gasoline, fuels, and oils purchased farms	3,537	5,736	4,773	4,512	4,402	10,156
\$1,000	8,364	9,256	6,437	4,695	3,911	9,279
Farms with expenses of-						
\$1 to \$4,999	3,166	5,410	4,595	4,373	4,296	9,842
\$5,000 to \$24,999	360	315	154	130	101	302
\$25,000 to \$49,999	9	7	15	9	4	11
\$50,000 or more	2	4	9	1	1	1
Utilities farms	2,695	3,890	3,078	2,697	2,521	5,890
\$1,000	5,189	5,599	4,187	2,970	2,697	8,274
Farms with expenses of-						
\$1 to \$999	1,068	2,028	1,868	1,649	1,603	3,433
\$1,000 to \$4,999	1,450	1,717	1,114	994	878	2,171
\$5,000 to \$24,999	174	138	89	54	37	280
\$25,000 to \$49,999	3	7	1	-	1	4
\$50,000 or more	-	-	6	-	2	2
Repairs, supplies, and maintenance costs farms	3,331	5,044	4,208	3,758	3,632	7,940
\$1,000	16,898	16,223	10,158	8,349	6,314	16,859
Farms with expenses of-						
\$1 to \$4,999	2,256	4,102	3,644	3,348	3,334	7,109
\$5,000 to \$24,999	1,007	902	552	389	294	775
\$25,000 to \$49,999	47	28	9	17	4	51
\$50,000 or more	21	12	3	4	-	5
Hired farm labor farms	863	1,205	795	683	537	1,298
\$1,000	10,866	10,475	6,181	3,902	2,034	10,624
Farms with expenses of-						
\$1 to \$4,999	518	877	571	533	426	958
\$5,000 to \$24,999	233	207	161	101	98	192
\$25,000 to \$99,999	90	107	53	49	13	131
\$100,000 to \$249,999	20	14	9	-	-	15
\$250,000 or more	2	-	1	-	-	2
Contract labor farms	298	326	214	170	157	352
\$1,000	2,494	1,798	844	606	350	1,437
Farms with expenses of-						
\$1 to \$999	62	107	80	69	63	172
\$1,000 to \$4,999	127	144	92	72	80	91
\$5,000 to \$24,999	82	66	39	25	13	80
\$25,000 to \$49,999	21	3	2	2	1	7
\$50,000 or more	6	6	1	2	-	2
Customwork and custom hauling farms	1,033	1,193	696	548	447	750
\$1,000	3,477	2,241	1,005	1,011	382	1,005
Farms with expenses of-						
\$1 to \$999	253	465	396	349	319	493
\$1,000 to \$4,999	584	649	262	168	124	220
\$5,000 to \$24,999	186	77	37	23	4	35
\$25,000 to \$49,999	10	2	1	8	-	2
\$50,000 or more	-	-	-	-	-	-
Cash rent for land, buildings, and grazing fees farms	1,334	1,288	669	480	234	373
\$1,000	6,681	3,532	1,437	1,088	485	1,131

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
FARM PRODUCTION EXPENSES - Con.						
Total farm production expenses ¹ - Con.						
Cash rent for land, buildings, and grazing fees - Con.						
Farms with expenses of-						
\$1 to \$4,999	5,375	71	101	247	590	733
\$5,000 to \$9,999	1,603	69	91	241	355	350
\$10,000 to \$24,999	1,943	128	215	342	703	371
\$25,000 or more	3,347	1,101	898	783	439	62
Rent and lease expenses for machinery, equipment, and farm share of vehicles	3,900	656	383	430	498	307
\$1,000	54,493	32,912	7,820	5,497	3,251	1,583
Farms with expenses of-						
\$1 to \$999	1,311	24	16	56	122	110
\$1,000 to \$4,999	1,120	107	116	126	201	101
\$5,000 to \$24,999	964	236	163	177	145	80
\$25,000 to \$49,999	233	96	47	46	19	16
\$50,000 or more	272	193	41	25	11	-
Interest expense	16,660	1,446	1,338	1,553	1,996	1,495
\$1,000	297,871	143,847	44,955	28,268	24,062	11,911
Farms with expenses of-						
\$1 to \$4,999	7,977	93	185	396	729	797
\$5,000 to \$24,999	6,266	331	571	771	1,047	629
\$25,000 to \$99,999	1,895	615	505	369	206	63
\$100,000 or more	522	407	77	17	14	6
Secured by real estate	13,505	1,206	1,094	1,221	1,528	1,120
\$1,000	212,045	96,520	31,996	20,398	16,896	8,963
Farms with expenses of-						
\$1 to \$999	1,661	18	43	56	114	133
\$1,000 to \$4,999	4,864	81	153	262	445	488
\$5,000 to \$24,999	5,227	312	480	652	841	449
\$25,000 to \$49,999	890	258	248	184	88	34
\$50,000 or more	863	537	170	67	40	16
Not secured by real estate	9,651	987	952	1,081	1,336	951
\$1,000	85,827	47,328	12,960	7,870	7,167	2,948
Farms with expenses of-						
\$1 to \$999	2,908	45	55	126	259	325
\$1,000 to \$4,999	3,921	126	256	428	665	474
\$5,000 to \$24,999	2,167	400	514	474	374	142
\$25,000 to \$49,999	382	203	93	46	20	9
\$50,000 or more	273	213	34	7	18	1
Property taxes paid	45,697	1,612	1,568	2,106	3,180	3,000
\$1,000	250,626	53,504	25,793	22,963	23,825	15,467
Farms with expenses of-						
\$1 to \$4,999	33,243	186	305	613	1,321	1,890
\$5,000 to \$9,999	7,118	172	361	571	1,094	839
\$10,000 to \$24,999	3,944	533	637	774	714	233
\$25,000 or more	1,392	721	265	148	51	38
Medical supplies, veterinary, and custom services for livestock (see text)	16,114	869	633	814	1,190	1,045
\$1,000	101,203	73,275	7,481	4,203	3,311	1,742
Farms with expenses of-						
\$1 to \$4,999	14,254	197	277	568	993	959
\$5,000 to \$24,999	1,234	205	259	204	189	85
\$25,000 to \$49,999	282	145	81	40	7	1
\$50,000 to \$99,999	162	144	13	2	1	-
\$100,000 or more	182	178	3	-	-	-
All other production expenses (see text)	20,261	1,669	1,648	2,191	2,458	1,915
\$1,000	544,913	381,538	53,997	41,822	27,654	11,273
Farms with expenses of-						
\$1 to \$4,999	12,289	107	228	511	973	1,289
\$5,000 to \$24,999	5,165	322	734	1,218	1,256	542
\$25,000 to \$49,999	1,258	296	378	303	144	66
\$50,000 to \$99,999	784	340	221	110	69	16
\$100,000 or more	765	604	87	49	16	2
Production expenses paid by landlords ¹	648	106	94	105	72	69
\$1,000	11,510	5,335	2,569	1,593	1,023	386
Depreciation expenses claimed	20,933	1,651	1,624	2,136	2,369	1,829
\$1,000	743,296	370,722	119,258	91,645	59,927	27,637
NET CASH FARM INCOME (SEE TEXT)						
Net cash farm income of operations	47,641	1,673	1,650	2,195	3,355	3,156
\$1,000	1,496,660	1,002,705	271,123	210,843	120,707	48,009
Average per farm	31,415	599,346	164,317	96,056	35,978	15,212
Farms with net gains ²	21,009	1,456	1,400	1,869	2,634	2,402
Average net gain	95,516	745,242	220,575	130,851	62,515	31,770
Gain of-						
Less than \$1,000	1,520	2	2	7	20	30
\$1,000 to \$4,999	3,955	5	24	14	78	174
\$5,000 to \$9,999	2,764	4	21	19	106	212
\$10,000 to \$24,999	3,887	11	24	77	365	699
\$25,000 to \$49,999	2,581	22	57	196	665	872
\$50,000 or more	6,302	1,412	1,272	1,556	1,400	415
Farms with net losses	26,632	217	250	326	721	754
Average net loss	19,151	379,576	150,725	103,430	60,968	37,537

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
FARM PRODUCTION EXPENSES - Con.						
Total farm production expenses ¹ - Con.						
Cash rent for land, buildings, and grazing fees - Con.						
Farms with expenses of-						
\$1 to \$4,999	914	1,121	613	431	217	337
\$5,000 to \$9,999	287	121	37	35	9	8
\$10,000 to \$24,999	112	32	13	10	5	12
\$25,000 or more	21	14	6	4	3	16
Rent and lease expenses for machinery, equipment, and farm share of vehicles	275	368	267	179	197	340
\$1,000	841	846	591	292	294	565
Farms with expenses of-						
\$1 to \$999	125	227	145	128	137	221
\$1,000 to \$4,999	110	113	87	34	45	80
\$5,000 to \$24,999	35	22	35	17	15	39
\$25,000 to \$49,999	5	4	-	-	-	-
\$50,000 or more	-	2	-	-	-	-
Interest expense	1,361	1,721	1,275	953	1,032	2,490
\$1,000	7,440	9,138	6,043	4,382	4,907	12,917
Farms with expenses of-						
\$1 to \$4,999	874	1,128	861	684	689	1,541
\$5,000 to \$24,999	451	555	398	257	335	921
\$25,000 to \$99,999	35	38	16	12	8	28
\$100,000 or more	1	-	-	-	-	-
Secured by real estate	1,016	1,444	1,083	776	877	2,140
\$1,000	5,763	7,489	5,118	3,670	4,105	11,129
Farms with expenses of-						
\$1 to \$999	166	281	191	179	191	289
\$1,000 to \$4,999	465	676	548	360	386	1,000
\$5,000 to \$24,999	359	463	328	227	293	823
\$25,000 to \$49,999	19	16	12	6	2	23
\$50,000 or more	7	8	4	4	5	5
Not secured by real estate	824	823	587	433	491	1,186
\$1,000	1,677	1,649	926	712	802	1,789
Farms with expenses of-						
\$1 to \$999	387	441	302	212	238	518
\$1,000 to \$4,999	373	304	249	200	230	616
\$5,000 to \$24,999	60	72	36	21	22	52
\$25,000 to \$49,999	4	6	-	-	1	-
\$50,000 or more	-	-	-	-	-	-
Property taxes paid	3,373	5,596	4,877	4,766	4,782	10,837
\$1,000	14,297	20,101	14,586	13,824	13,060	33,204
Farms with expenses of-						
\$1 to \$4,999	2,487	4,651	4,180	4,153	4,188	9,269
\$5,000 to \$9,999	691	716	556	457	451	1,210
\$10,000 to \$24,999	168	180	124	139	129	313
\$25,000 or more	27	49	17	17	14	45
Medical supplies, veterinary, and custom services for livestock (see text)	1,076	1,852	1,579	1,432	1,375	4,249
\$1,000	1,465	1,998	1,418	1,154	854	4,303
Farms with expenses of-						
\$1 to \$4,999	1,011	1,809	1,556	1,414	1,367	4,103
\$5,000 to \$24,999	63	39	21	18	8	143
\$25,000 to \$49,999	2	3	-	-	-	3
\$50,000 to \$99,999	-	-	2	-	-	-
\$100,000 or more	-	1	-	-	-	-
All other production expenses (see text)	1,824	2,194	1,489	1,228	1,128	2,517
\$1,000	8,225	6,514	3,514	2,439	2,133	5,803
Farms with expenses of-						
\$1 to \$4,999	1,422	1,931	1,350	1,140	1,052	2,286
\$5,000 to \$24,999	358	235	125	86	70	219
\$25,000 to \$49,999	29	19	11	2	6	4
\$50,000 to \$99,999	10	8	3	-	-	7
\$100,000 or more	5	1	-	-	-	1
Production expenses paid by landlords ¹	40	56	34	36	18	18
\$1,000	164	137	89	73	64	78
Depreciation expenses claimed	1,750	2,335	1,826	1,615	1,359	2,439
\$1,000	18,909	16,753	10,307	8,830	6,181	13,126
NET CASH FARM INCOME (SEE TEXT)						
Net cash farm income of operations	3,574	5,872	5,076	4,972	5,002	11,116
\$1,000	21,172	2,644	-20,871	-28,523	-26,111	-105,038
Average per farm	5,924	450	-4,112	-5,737	-5,220	-9,449
Farms with net gains ²	2,511	3,502	2,113	1,454	970	698
Average net gain	18,567	11,764	7,141	5,413	7,372	13,390
Gain of-						
Less than \$1,000	83	209	291	380	322	174
\$1,000 to \$4,999	290	927	1,071	810	376	186
\$5,000 to \$9,999	474	1,110	499	127	910	101
\$10,000 to \$24,999	1,153	1,066	161	82	120	129
\$25,000 to \$49,999	442	132	53	34	37	71
\$50,000 or more	69	58	38	21	24	37
Farms with net losses	1,063	2,370	2,963	3,518	4,032	10,418
Average net loss	23,941	16,268	12,136	10,345	8,249	10,979

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
NET CASH FARM INCOME (SEE TEXT) - Con.						
Net cash farm income of operations - Con.						
Farms with net losses - Con.						
Loss of-						
Less than \$1,000	1,964	1	1	6	13	28
\$1,000 to \$4,999	8,098	1	7	16	50	97
\$5,000 to \$9,999	6,171	1	10	14	69	111
\$10,000 to \$24,999	6,605	12	19	36	134	214
\$25,000 to \$49,999	2,046	22	40	58	161	113
\$50,000 or more	1,748	180	173	196	294	191
Net cash farm income of producers (see text)	farms 47,641	1,673	1,650	2,195	3,355	3,156
\$1,000	1,389,905	931,139	250,629	201,384	117,167	46,689
Average per farm	dollars 29,175	556,569	151,896	91,747	34,923	14,794
Producers reporting net gains ² (see text)	farms 20,859	1,429	1,380	1,843	2,615	2,372
Average net gain	dollars 91,840	713,841	213,116	128,745	61,931	31,758
Gain of-						
Less than \$1,000	1,519	2	2	7	24	33
\$1,000 to \$4,999	3,929	5	17	16	71	166
\$5,000 to \$9,999	2,774	4	23	16	111	212
\$10,000 to \$24,999	3,902	7	36	96	380	692
\$25,000 to \$49,999	2,572	31	69	198	650	856
\$50,000 or more	6,163	1,380	1,233	1,510	1,379	413
Producers reporting net losses (see text)	farms 26,782	244	270	352	740	784
Average net loss	dollars 19,632	364,508	161,003	101,967	60,516	36,531
Loss of-						
Less than \$1,000	1,976	1	1	8	12	31
\$1,000 to \$4,999	8,122	1	6	15	58	107
\$5,000 to \$9,999	6,215	2	11	15	75	121
\$10,000 to \$24,999	6,601	14	18	37	127	223
\$25,000 to \$49,999	2,059	18	54	63	173	104
\$50,000 or more	1,809	208	180	214	295	198
COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)						
Total	farms 451	124	112	81	58	21
\$1,000	52,640	33,271	12,633	4,468	1,847	194
INCOME FROM FARM-RELATED SOURCES						
Total income from farm-related sources	farms 19,796	1,025	1,140	1,541	2,124	1,752
\$1,000	316,717	67,247	34,110	34,196	35,741	22,613
Customwork and other agricultural services	farms 2,730	303	297	340	385	301
\$1,000	55,394	20,196	9,595	6,857	6,057	3,749
Gross cash rent or share payments	farms 8,104	203	185	206	344	436
\$1,000	86,474	8,875	6,174	5,465	6,159	8,190
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products	farms 1,836	65	58	96	135	154
\$1,000	16,373	805	533	898	2,500	1,294
Agri-tourism and recreational services	farms 754	17	21	62	82	72
\$1,000	20,989	1,194	453	4,177	3,625	1,889
Patronage dividends and refunds from cooperatives	farms 7,139	792	864	1,065	1,355	932
\$1,000	29,647	15,369	4,300	3,413	3,037	1,365
Crop and livestock insurance payments received	farms 2,201	227	303	363	445	257
\$1,000	44,560	13,078	7,962	8,083	7,756	3,313
Amount from State and local government agricultural program payments	farms 464	45	43	58	71	61
\$1,000	3,209	903	657	681	419	186
Other farm-related income sources (see text)	farms 3,055	180	175	224	317	219
\$1,000	60,070	6,827	4,436	4,622	6,188	2,627
LAND USE						
Total cropland	farms 40,597	1,611	1,633	2,163	3,269	3,010
Harvested cropland	acres 7,924,480	2,776,169	1,424,113	1,142,556	935,807	466,542
Farms by acres harvested:	acres 35,147	1,608	1,619	2,152	3,243	2,984
7,214,667	2,682,366	1,367,065	1,089,714	873,427	416,850	
1 to 49 acres	19,624	117	113	192	443	635
50 to 99 acres	4,425	30	48	143	297	310
100 to 199 acres	3,607	48	100	168	409	1,303
200 to 499 acres	3,662	171	241	496	1,794	725
500 to 999 acres	2,056	295	417	1,044	284	10
1,000 to 1,999 acres	1,228	421	681	109	16	1
2,000 acres or more	545	526	19	-	-	-
Cropland-						
Other pasture and grazing land that could have been used for crops without additional improvements	farms 3,406	94	110	146	274	286
acres 97,239	8,231	7,474	9,921	17,345	10,808	
On which all crops failed or were abandoned	farms 2,757	83	69	157	184	222
acres 86,579	8,527	6,305	8,329	10,175	8,014	
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed	farms 11,091	446	429	481	685	564
acres 441,772	73,217	37,385	28,494	25,144	23,695	
In summer fallow (see text)	farms 3,207	69	96	133	245	245
acres 84,223	3,828	5,884	6,098	9,716	7,175	
Total woodland	farms 24,339	700	741	1,080	1,648	1,606
acres 975,652	87,536	58,238	61,627	88,314	74,593	

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
NET CASH FARM INCOME (SEE TEXT) - Con.						
Net cash farm income of operations - Con.						
Farms with net losses - Con.						
Loss of-						
Less than \$1,000	63	188	323	385	422	534
\$1,000 to \$4,999	224	609	885	1,159	1,571	3,479
\$5,000 to \$9,999	179	469	688	842	995	2,793
\$10,000 to \$24,999	301	690	759	834	837	2,769
\$25,000 to \$49,999	168	257	211	196	167	653
\$50,000 or more	128	157	97	102	40	190
Net cash farm income of producers (see text)	3,574	5,872	5,076	4,972	5,002	11,116
Average per farm	\$1,000 20,754	\$24,999 2,518	\$9,999 -20,880	\$4,999 -28,482	\$2,499 -26,052	\$1,000 -104,960
Producers reporting net gains ² (see text)	2,500	3,497	2,106	1,449	970	698
Average net gain	\$1,000 18,548	\$24,999 11,763	\$9,999 7,159	\$4,999 5,429	\$2,499 7,372	\$1,000 13,395
Gain of-						
Less than \$1,000	76	216	288	375	322	174
\$1,000 to \$4,999	298	916	1,067	810	377	186
\$5,000 to \$9,999	479	1,113	499	127	90	100
\$10,000 to \$24,999	1,136	1,062	161	82	120	130
\$25,000 to \$49,999	442	131	53	34	37	71
\$50,000 or more	69	59	38	21	24	37
Producers reporting net losses (see text)	1,074	2,375	2,970	3,523	4,032	10,418
Average net loss	\$1,000 23,850	\$24,999 16,260	\$9,999 12,107	\$4,999 10,317	\$2,499 8,235	\$1,000 10,972
Loss of-						
Less than \$1,000	64	189	322	390	422	536
\$1,000 to \$4,999	225	609	891	1,159	1,574	3,477
\$5,000 to \$9,999	185	478	693	844	996	2,795
\$10,000 to \$24,999	304	685	756	834	835	2,768
\$25,000 to \$49,999	168	257	211	194	165	652
\$50,000 or more	128	157	97	102	40	190
COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)						
Total	24	25	6	-	-	-
Average per farm	\$1,000 123	\$24,999 102	\$9,999 3	\$4,999 -	\$2,499 -	\$1,000 -
INCOME FROM FARM-RELATED SOURCES						
Total income from farm-related sources	1,834	2,663	1,852	1,517	1,627	2,721
Average per farm	\$1,000 23,670	\$24,999 30,462	\$9,999 16,182	\$4,999 10,894	\$2,499 13,064	\$1,000 28,538
Customwork and other agricultural services	264	318	159	110	116	137
Average per farm	\$1,000 2,811	\$24,999 2,900	\$9,999 871	\$4,999 711	\$2,499 369	\$1,000 1,277
Gross cash rent or share payments	661	1,272	1,145	1,022	1,130	1,500
Average per farm	\$1,000 7,324	\$24,999 10,803	\$9,999 9,703	\$4,999 7,453	\$2,499 8,166	\$1,000 8,163
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products	144	246	205	168	167	398
Average per farm	\$1,000 1,551	\$24,999 2,131	\$9,999 1,101	\$4,999 1,016	\$2,499 1,312	\$1,000 3,230
Agri-tourism and recreational services	68	128	61	41	46	156
Average per farm	\$1,000 2,567	\$24,999 3,488	\$9,999 521	\$4,999 239	\$2,499 475	\$1,000 2,362
Patronage dividends and refunds from cooperatives	701	675	248	179	154	174
Average per farm	\$1,000 730	\$24,999 763	\$9,999 309	\$4,999 68	\$2,499 171	\$1,000 123
Crop and livestock insurance payments received	227	206	67	34	22	50
Average per farm	\$1,000 1,565	\$24,999 1,280	\$9,999 443	\$4,999 233	\$2,499 82	\$1,000 764
Amount from State and local government agricultural program payments	59	31	26	22	30	18
Average per farm	\$1,000 158	\$24,999 58	\$9,999 54	\$4,999 30	\$2,499 33	\$1,000 30
Other farm-related income sources (see text)	286	388	247	181	204	634
Average per farm	\$1,000 6,963	\$24,999 9,038	\$9,999 3,180	\$4,999 1,145	\$2,499 2,456	\$1,000 12,589
LAND USE						
Total cropland	3,435	5,411	4,438	4,086	3,745	7,796
Average per farm	acres 335,976	acres 312,008	acres 163,846	acres 111,990	acres 75,561	acres 179,912
Harvested cropland	3,367	5,110	3,877	3,290	2,763	5,134
Average per farm	acres 281,297	acres 237,730	acres 102,822	acres 66,113	acres 37,305	acres 59,978
Farms by acres harvested:						
1 to 49 acres	960	3,111	3,362	3,016	2,654	5,021
Average per farm	acres 1,231	acres 1,550	acres 396	acres 232	acres 97	acres 91
50 to 99 acres	1,016	399	102	37	12	13
Average per farm	acres 157	acres 47	acres 17	acres 5	acres -	acres 9
100 to 199 acres	3	3	-	-	-	-
Average per farm	acres -	acres -	acres -	acres -	acres -	acres -
200 to 499 acres	-	-	-	-	-	-
Average per farm	acres -	acres -	acres -	acres -	acres -	acres -
500 to 999 acres	-	-	-	-	-	-
Average per farm	acres -	acres -	acres -	acres -	acres -	acres -
1,000 to 1,999 acres	-	-	-	-	-	-
Average per farm	acres -	acres -	acres -	acres -	acres -	acres -
2,000 acres or more	-	-	-	-	-	-
Average per farm	acres -	acres -	acres -	acres -	acres -	acres -
Cropland-						
Other pasture and grazing land that could have been used for crops without additional improvements	301	398	374	364	302	757
Average per farm	acres 8,956	acres 9,088	acres 6,866	acres 5,507	acres 3,808	acres 9,235
On which all crops failed or were abandoned	239	373	262	275	204	689
Average per farm	acres 7,722	acres 11,496	acres 6,100	acres 4,406	acres 3,179	acres 12,326
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed	749	1,229	1,201	1,260	1,361	2,686
Average per farm	acres 28,449	acres 43,629	acres 38,505	acres 30,625	acres 27,210	acres 85,419
In summer fallow (see text)	299	434	405	330	265	686
Average per farm	acres 9,552	acres 10,065	acres 9,553	acres 5,339	acres 4,059	acres 12,954
Total woodland	1,857	2,948	2,763	2,688	2,564	5,744
Average per farm	acres 88,575	acres 118,088	acres 81,944	acres 75,639	acres 75,395	acres 165,703

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
LAND USE - Con.						
Total woodland - Con.						
Woodland pastured .....farms	3,772	47	49	113	181	201
acres	85,275	4,946	3,028	6,808	8,481	7,378
Woodland not pastured .....farms	22,448	681	722	1,032	1,574	1,524
acres	890,377	82,590	55,210	54,819	79,833	67,215
Permanent pasture and rangeland, other than cropland and woodland pastured .....farms	17,476	191	247	469	694	833
acres	341,391	13,499	13,743	22,896	33,476	32,580
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. ....farms	32,103	1,146	1,029	1,394	2,125	2,006
acres	522,567	72,001	36,345	36,279	47,997	37,886
Irrigated land .....farms	5,153	709	389	451	590	473
acres	670,212	459,540	91,415	52,299	36,934	13,873
Harvested cropland .....farms	4,914	706	388	445	580	463
acres	666,976	459,093	91,160	51,918	36,643	13,690
Pastureland and other land .....farms	316	8	3	11	12	17
acres	3,236	447	255	381	291	183
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs .....farms						
acres	4,478	249	275	267	328	275
	129,038	8,643	5,500	5,716	9,554	9,288
Land enrolled in crop insurance programs .....farms	8,834	1,213	1,178	1,359	1,809	1,124
acres	4,549,417	1,913,805	1,039,956	748,193	532,243	179,771
ORGANIC AGRICULTURE						
Total organic product sales .....farms	646	34	38	59	149	101
\$1,000	176,069	123,796	14,072	13,089	16,615	5,848
VALUE OF LAND AND BUILDINGS						
Estimated market value of land and buildings .....farms	47,641	1,673	1,650	2,195	3,355	3,156
\$1,000	48,385,690	15,559,445	7,195,914	5,828,139	5,238,122	2,850,218
Average per farm .....dollars	1,015,631	9,300,326	4,361,160	2,655,189	1,561,288	903,111
Average per acre .....dollars	4,955	5,276	4,696	4,613	4,738	4,660
Farms by value group:						
\$1 to \$49,999	2,803	11	6	17	41	45
\$50,000 to \$99,999	3,608	7	9	5	36	68
\$100,000 to \$199,999	8,893	11	13	37	106	185
\$200,000 to \$499,999	16,453	43	113	165	436	711
\$500,000 to \$999,999	6,887	63	86	228	651	1,241
\$1,000,000 to \$1,999,999	3,748	141	195	430	1,267	724
\$2,000,000 to \$4,999,999	3,217	394	594	1,097	743	148
\$5,000,000 to \$9,999,999	1,366	474	570	199	47	19
\$10,000,000 or more	666	529	64	17	28	15
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment .....farms	47,637	1,673	1,650	2,195	3,355	3,156
\$1,000	7,371,356	2,421,704	1,126,232	889,083	770,424	436,175
Farms by value group:						
\$1 to \$4,999	2,977	1	1	-	17	33
\$5,000 to \$9,999	3,761	2	5	-	14	53
\$10,000 to \$19,999	6,473	2	3	20	73	153
\$20,000 to \$49,999	12,446	16	35	70	294	500
\$50,000 to \$99,999	8,333	43	67	141	452	752
\$100,000 to \$199,999	5,550	69	131	391	947	953
\$200,000 to \$499,999	4,513	224	427	853	1,237	607
\$500,000 or more	3,584	1,316	981	720	321	105
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups .....farms	36,665	1,636	1,551	2,096	3,128	2,733
number	75,227	11,482	6,829	7,013	7,959	5,457
Tractors, all .....farms	39,667	1,629	1,567	2,109	3,170	2,853
number	119,056	13,217	9,326	10,904	13,970	10,492
Less than 40 horsepower (PTO) .....farms	21,371	625	556	890	1,398	1,335
number	32,779	1,672	1,130	1,603	2,560	2,206
40 to 99 horsepower (PTO) .....farms	27,616	1,165	1,236	1,688	2,586	2,268
number	50,072	4,071	3,117	3,972	5,553	4,511
100 horsepower (PTO) or more .....farms	15,281	1,466	1,399	1,760	2,473	1,971
number	36,205	7,474	5,079	5,329	5,857	3,775
Grain and bean combines, self-propelled .....farms	10,496	1,058	1,180	1,482	1,865	1,348
number	12,046	1,443	1,409	1,711	2,107	1,490
Cotton pickers and strippers, self-propelled .....farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	1,818	321	210	164	192	135
number	1,989	357	228	180	210	144
Hay balers .....farms	15,006	546	579	858	1,349	1,181
number	19,507	703	796	1,227	1,832	1,638

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
LAND USE - Con.						
Total woodland - Con.						
Woodland pastured farms	255	518	466	498	417	1,027
acres	8,209	11,157	5,887	7,227	4,879	17,275
Woodland not pastured farms	1,727	2,697	2,534	2,410	2,329	5,218
acres	80,366	106,931	76,057	68,412	70,516	148,428
Permanent pasture and rangeland, other than cropland and woodland pastured farms	953	2,004	2,062	2,081	2,013	5,929
acres	28,178	46,240	31,215	27,708	20,035	71,821
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	2,261	3,799	3,492	3,398	3,525	7,928
acres	38,281	52,405	43,372	41,166	36,913	79,922
Irrigated land farms	493	610	480	295	321	342
acres	6,429	3,738	1,932	1,074	834	2,144
Harvested cropland farms	485	586	454	265	284	258
acres	6,180	3,414	1,749	861	568	1,700
Pastureland and other land farms	25	34	42	32	41	91
acres	249	324	183	213	266	444
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs farms						
acres	298	518	646	747	754	121
	12,042	22,781	25,262	18,199	11,161	892
Land enrolled in crop insurance programs farms	830	761	220	128	81	131
acres	74,160	39,872	10,035	3,236	1,339	6,807
ORGANIC AGRICULTURE						
Total organic product sales farms	81	74	33	27	35	15
\$1,000	1,761	610	172	74	26	7
VALUE OF LAND AND BUILDINGS						
Estimated market value of land and buildings farms	3,574	5,872	5,076	4,972	5,002	11,116
\$1,000	2,161,321	2,457,483	1,532,050	1,419,916	1,152,988	2,990,092
Average per farm dollars	604,735	418,509	301,822	285,583	230,505	268,990
Average per acre dollars	4,402	4,648	4,782	5,536	5,546	6,012
Farms by value group:						
\$1 to \$49,999	115	256	363	423	640	886
\$50,000 to \$99,999	83	381	435	572	675	1,337
\$100,000 to \$199,999	371	1,144	1,251	1,389	1,407	2,979
\$200,000 to \$499,999	1,389	2,722	2,332	2,006	1,868	4,668
\$500,000 to \$999,999	1,166	1,060	559	473	350	1,010
\$1,000,000 to \$1,999,999	355	231	107	76	46	176
\$2,000,000 to \$4,999,999	77	54	25	19	13	53
\$5,000,000 to \$9,999,999	15	19	4	12	3	4
\$10,000,000 or more	3	5	-	2	-	3
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment farms	3,574	5,872	5,076	4,970	5,002	11,114
\$1,000	339,795	378,458	236,842	189,061	165,767	417,815
Farms by value group:						
\$1 to \$4,999	83	245	321	432	644	1,200
\$5,000 to \$9,999	100	322	497	612	722	1,434
\$10,000 to \$19,999	276	776	971	900	1,018	2,281
\$20,000 to \$49,999	858	1,959	1,692	1,784	1,598	3,640
\$50,000 to \$99,999	1,077	1,549	1,026	836	744	1,646
\$100,000 to \$199,999	777	682	408	310	220	662
\$200,000 to \$499,999	351	291	144	94	45	240
\$500,000 or more	52	48	17	2	11	11
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups farms	3,026	4,608	3,673	3,428	3,190	7,596
number	5,200	6,954	5,125	4,587	4,287	10,334
Tractors, all farms	3,205	5,049	4,103	3,909	3,574	8,499
number	9,994	13,299	9,065	7,838	6,394	14,557
Less than 40 horsepower (PTO) farms	1,586	2,700	2,389	2,283	2,248	5,361
number	2,610	4,263	3,441	3,212	3,034	7,048
40 to 99 horsepower (PTO) farms	2,435	3,721	2,930	2,631	2,086	4,870
number	4,529	6,467	4,593	3,881	2,834	6,544
100 horsepower (PTO) or more farms	1,784	1,797	800	578	428	825
number	2,855	2,569	1,031	745	526	965
Grain and bean combines, self-propelled farms	1,228	1,125	445	239	231	295
number	1,381	1,210	479	258	255	303
Cotton pickers and strippers, self-propelled farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	118	188	140	135	89	126
number	134	198	151	157	98	132
Hay balers farms	1,342	2,134	1,833	1,494	1,113	2,577
number	1,815	2,869	2,358	1,865	1,354	3,050

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
FERTILIZERS AND CHEMICALS						
Commercial fertilizer, lime, and soil conditioners used	farms 22,234 acres treated 5,515,923	1,579 2,079,246	1,580 1,058,753	2,050 917,832	2,962 722,776	2,636 332,033
Manure used	farms 9,687 acres treated 825,365	594 385,669	576 141,149	781 94,993	1,055 74,124	919 40,294
Organic fertilizer used (see text)	farms 1,401 acres treated 82,256	37 16,763	45 14,654	59 9,550	183 14,984	143 9,591
Acres treated to control-						
Insects	farms 8,158 acres 2,171,602	1,096 1,136,287	903 443,184	935 263,002	1,209 181,913	927 73,106
Weeds, grass, or brush	farms 17,875 acres 5,919,857	1,510 2,327,709	1,493 1,241,435	1,908 972,223	2,716 744,597	2,345 329,962
Nematodes	farms 1,573 acres 407,101	276 228,954	183 67,461	167 41,762	251 36,973	198 17,208
Diseases in crops and orchards	farms 4,573 acres 944,112	672 557,970	552 174,637	563 94,754	728 70,228	462 21,949
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms 1,490 acres on which used 281,266	304 166,290	260 59,144	182 23,599	253 20,678	116 5,423
LAND USE PRACTICES						
Land drained by tile	farms 12,704 acres 3,029,891	955 1,114,933	1,044 645,797	1,341 528,567	1,923 378,140	1,495 162,058
Land artificially drained by ditches	farms 8,363 acres 1,055,439	442 350,632	414 183,572	504 131,435	885 145,416	738 74,454
Land under conservation easement	farms 974 acres 72,425	64 19,465	47 5,494	53 4,006	91 7,785	82 4,884
Cropland on which no-till practices were used	farms 8,174 acres 1,566,334	652 460,480	723 340,397	912 305,128	1,311 254,402	955 95,623
Cropland on which reduced tillage, excluding no till, practices were used (see text)	farms 7,720 acres 2,297,131	835 1,026,696	793 468,899	906 333,928	1,239 259,968	984 103,775
Cropland on which intensive tillage practices were used (see text)	farms 11,727 acres 2,343,703	811 938,806	773 458,544	972 350,225	1,448 256,274	1,357 143,873
Cropland planted to a cover crop (excluding CRP)	farms 6,275 acres 673,205	618 334,697	528 123,142	541 69,936	747 62,557	588 27,723
RENEWABLE ENERGY						
Renewable energy producing systems	farms 3,689 Solar panels 1,589 Wind turbines 625 Methane digesters 16 Geothermal/geoexchange systems (see text) 1,464	229 73 99 4 69	168 44 77 - 52	163 50 45 - 65	251 93 71 3 85	204 71 42 - 78
Small hydro systems	farms 36	2	-	1	3	4
Biodiesel production systems (see text)	farms 53	3	2	5	3	3
Ethanol production systems (see text)	farms 53	4	5	2	3	8
Other	farms 236	7	4	11	14	25
Wind rights leased to others	farms 1,519	173	172	181	195	157
TENURE						
Full owners	farms 32,208	269	278	504	1,081	1,440
Part owners	farms 13,383	1,300	1,263	1,586	2,065	1,538
Tenants	farms 2,050	104	109	105	209	178
OWNED AND RENTED LAND						
Land owned	farms 45,709 acres 6,377,759	1,575 1,327,682	1,543 755,658	2,091 700,837	3,155 702,821	2,984 468,502
Owned land in farms	farms 45,591 acres 5,758,976	1,569 1,296,557	1,541 733,111	2,090 668,483	3,146 664,960	2,978 417,994
Land rented or leased from others	farms 15,551 acres 4,040,596	1,409 1,664,431	1,376 804,029	1,692 596,522	2,278 444,104	1,724 195,323
Rented or leased land in farms	farms 15,433 acres 4,005,114	1,404 1,652,648	1,372 799,328	1,691 594,875	2,274 440,634	1,716 193,607
Land rented or leased to others	farms 8,659 acres 654,265	202 42,908	186 27,248	204 34,001	348 41,331	463 52,224
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT)						
Total producers (see text)	80,432	3,985	3,250	4,121	5,743	5,158
Farms by number of producers:						
1 producer	21,709	489	634	929	1,612	1,637
2 producers	21,735	543	637	897	1,344	1,214
3 producers	2,563	355	236	193	232	188
4 producers	1,167	197	112	124	138	79
5 or more producers	467	89	31	52	29	38
Total male producers (see text)						
Farms by number of male producers:						
1 producer	37,927	737	962	1,513	2,608	2,589
2 producers	4,548	520	499	485	544	365
3 producers	1,098	291	133	138	106	78
4 producers	235	78	22	9	23	21
5 or more producers	115	33	8	21	5	5
Total female producers (see text)						
Farms by number of female producers:						
1 producer	28,443	818	752	1,048	1,608	1,495
1 producer	24,212	491	554	783	1,263	1,272

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
FERTILIZERS AND CHEMICALS						
Commercial fertilizer, lime, and soil conditioners used	2,621	3,035	1,727	1,263	1,044	1,737
farms						
acres treated	189,401	118,592	38,918	19,825	12,885	25,662
Manure used	837	1,213	882	738	675	1,417
farms						
acres treated	24,937	24,026	12,060	8,250	6,035	13,828
Organic fertilizer used (see text)	157	225	152	118	99	183
farms						
acres treated	5,117	4,366	1,900	1,888	553	2,890
Acres treated to control-						
Insects	758	827	441	323	273	466
farms						
acres	37,154	20,864	6,125	2,882	1,672	5,413
Weeds, grass, or brush	2,093	2,207	1,145	792	673	993
farms						
acres	162,708	85,384	22,768	10,901	7,005	15,165
Nematodes	154	159	57	46	40	42
farms						
acres	8,213	4,381	931	431	225	562
Diseases in crops and orchards	423	433	244	157	139	200
farms						
acres	12,273	7,296	2,175	854	750	1,226
Chemicals used to control growth, thin fruit, ripen, or defoliate	99	113	46	36	32	49
farms						
acres on which used	2,918	1,882	330	186	284	532
LAND USE PRACTICES						
Land drained by tile	1,313	1,457	898	681	502	1,095
farms						
acres	85,084	53,403	21,377	10,650	8,646	21,236
Land artificially drained by ditches	767	1,044	856	711	653	1,349
farms						
acres	52,327	41,700	23,287	14,133	11,203	27,280
Land under conservation easement	89	142	92	89	87	138
farms						
acres	6,498	7,513	4,082	3,102	4,031	5,565
Cropland on which no-till practices were used	901	1,102	561	342	318	397
farms						
acres	50,838	36,496	9,865	3,403	3,571	6,131
Cropland on which reduced tillage, excluding no till, practices were used (see text)	939	918	423	269	174	240
farms						
acres	58,242	29,469	7,186	3,286	1,611	4,071
Cropland on which intensive tillage practices were used (see text)	1,437	1,871	1,115	758	503	682
farms						
acres	87,661	61,936	20,702	10,582	5,033	10,067
Cropland planted to a cover crop (excluding CRP)	533	742	447	367	363	801
farms						
acres	14,703	15,564	5,444	3,965	4,371	11,103
RENEWABLE ENERGY						
Renewable energy producing systems	239	404	333	336	395	967
farms						
Solar panels	121	167	162	162	180	466
farms						
Wind turbines	22	50	53	33	35	98
farms						
Methane digesters	-	1	-	1	4	3
farms						
Geothermal/geoexchange systems (see text)	79	169	123	119	163	462
farms						
Small hydro systems	4	4	-	3	-	15
farms						
Biodiesel production systems (see text)	1	8	2	2	6	18
farms						
Ethanol production systems (see text)	4	11	4	3	2	7
farms						
Other	27	39	28	33	30	18
farms						
Wind rights leased to others	116	132	106	101	79	107
farms						
TENURE						
Full owners	1,976	4,011	3,996	4,094	4,406	10,153
farms						
Part owners	1,359	1,563	900	672	395	742
farms						
Tenants	239	298	180	206	201	221
farms						
OWNED AND RENTED LAND						
Land owned	3,340	5,601	4,904	4,786	4,814	10,916
farms						
acres	424,284	520,265	361,498	295,775	266,376	554,061
Owned land in farms	3,335	5,574	4,896	4,766	4,801	10,895
farms						
acres	368,941	430,132	278,655	232,363	194,400	473,380
Land rented or leased from others	1,610	1,883	1,095	895	612	977
farms						
acres	124,245	101,607	42,860	27,500	14,021	25,954
Rented or leased land in farms	1,598	1,861	1,080	878	596	963
farms						
acres	122,069	98,609	41,722	24,140	13,504	23,978
Land rented or leased to others	671	1,309	1,218	1,109	1,243	1,706
farms						
acres	57,519	93,131	83,981	66,772	72,493	82,657
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT)						
Total producers (see text)	5,849	9,597	8,356	8,074	8,181	18,118
Farms by number of producers:						
1 producer	1,784	2,857	2,323	2,332	2,213	4,899
2 producers	1,483	2,594	2,418	2,359	2,531	5,715
3 producers	211	256	215	167	180	330
4 producers	66	115	80	81	51	124
5 or more producers	30	50	40	33	27	48
Total male producers (see text)	4,006	6,166	5,165	4,937	4,917	10,262
Farms by number of male producers:						
1 producer	2,925	4,926	4,222	4,175	4,218	9,052
2 producers	374	453	345	265	263	435
3 producers	67	69	61	47	34	74
4 producers	18	7	4	15	11	27
5 or more producers	4	17	10	5	5	2
Total female producers (see text)	1,843	3,431	3,191	3,137	3,264	7,856
Farms by number of female producers:						
1 producer	1,598	2,893	2,788	2,699	2,920	6,951

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT) - Con.						
Total producers (see text) - Con.						
Total female producers (see text) - Con.						
Farms by number of female producers: - Con.						
2 producers	1,622	126	85	107	123	74
3 producers	200	13	4	9	17	15
4 producers	63	9	4	4	7	6
5 or more producers	22	-	-	1	3	1
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT)						
Sex of producers:						
Male	51,449	3,046	2,468	2,994	4,100	3,628
Female	27,955	738	720	1,012	1,564	1,469
Hired managers (see text)	4,499	1,485	858	635	515	223
Primary occupation:						
Farming	34,706	3,382	2,653	2,986	3,752	2,871
Other	44,698	402	535	1,020	1,912	2,226
Place of residence:						
On farm operated	63,913	2,384	2,435	3,140	4,457	4,068
Not on farm operated	15,491	1,400	753	866	1,207	1,029
Days of work off farm:						
None	33,132	2,912	2,171	2,418	2,970	2,273
Any	46,272	872	1,017	1,588	2,694	2,824
1 to 49 days	6,652	211	254	318	429	412
50 to 99 days	3,277	80	97	151	234	229
100 to 199 days	5,906	94	138	246	455	368
200 days or more	30,437	487	528	873	1,576	1,815
Years on present farm:						
2 years or less	4,559	77	92	123	191	200
3 or 4 years	5,759	131	139	208	282	271
5 to 9 years	11,170	390	295	414	670	643
10 years or more	57,916	3,186	2,662	3,261	4,521	3,983
Average years on present farm	22.7	26.9	28.1	27.9	27.9	26.2
Years operating any farm (see text):						
5 years or less	10,752	206	233	308	467	429
6 to 10 years	9,496	307	269	357	550	601
11 years or more	59,156	3,271	2,686	3,341	4,647	4,067
Average years on any farm	24.6	29.2	30.1	29.9	30.1	28.1
Age group:						
Under 25 years	1,488	59	113	111	104	91
25 to 34 years	5,697	399	273	297	491	439
35 to 44 years	9,612	653	425	509	718	602
45 to 54 years	14,706	811	656	874	972	921
55 to 64 years	23,131	1,129	1,023	1,267	1,673	1,425
65 to 74 years	16,495	504	508	666	1,076	1,055
75 years and over	8,275	229	190	282	630	564
Average age	56.6	52.7	53.8	54.6	56.2	56.5
Young producers (see text)	8,012	513	415	456	657	585
Producers of Hispanic, Latino, or Spanish origin	1,024	39	17	67	59	64
Producers by race:						
American Indian or Alaska Native	351	4	3	3	15	13
Asian	155	3	-	1	8	8
Black or African American	342	1	11	8	16	15
Native Hawaiian or Other Pacific Islander	8	-	-	-	-	2
White	78,010	3,770	3,151	3,987	5,600	5,046
More than one race reported	538	6	23	7	25	13
Military service (see text):						
Never served	71,988	3,625	3,105	3,803	5,302	4,688
Served	7,416	159	83	203	362	409
Number of persons living in producers' households (see text)	158,308	9,985	7,788	8,851	12,443	10,774
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	69,711	3,324	2,833	3,513	4,938	4,508
Land use and/or crop decisions	60,124	2,937	2,544	3,155	4,412	4,033
Livestock decisions	42,028	1,711	1,235	1,586	2,342	2,268
Record keeping and/or financial management	58,779	2,763	2,473	3,100	4,340	4,047
Estate planning or succession planning	44,474	2,306	1,860	2,282	3,174	3,003
FARMS BY TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	farms 45,826	1,449	1,491	2,022	3,137	3,000
acres 8,865,787	2,529,026	1,355,560	1,161,731	1,034,045	579,594	
Limited Liability Company	farms 5,084	513	398	398	437	383
acres 1,864,099	883,977	371,688	214,458	139,895	63,864	
LEGAL STATUS FOR TAX PURPOSES						
Family or individual	farms 40,523	631	924	1,500	2,581	2,661
acres 6,181,513	1,058,881	876,200	876,907	856,669	517,975	

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT) - Con.						
Total producers (see text) - Con.						
Total female producers (see text) - Con.						
Farms by number of female producers: - Con.						
2 producers	97	176	159	162	144	369
3 producers	17	38	16	31	6	34
4 producers	-	8	8	4	5	8
5 or more producers	-	8	1	1	2	5
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT)						
Sex of producers:						
Male	3,952	6,104	5,137	4,908	4,886	10,226
Female	1,815	3,369	3,147	3,099	3,241	7,781
Hired managers (see text)	171	208	122	65	41	176
Primary occupation:						
Farming	2,807	3,894	2,712	2,453	2,196	5,000
Other	2,960	5,579	5,572	5,554	5,931	13,007
Place of residence:						
On farm operated	4,473	7,575	6,777	6,521	6,708	15,375
Not on farm operated	1,294	1,898	1,507	1,486	1,419	2,632
Days of work off farm:						
None	2,332	3,579	2,918	2,732	2,702	6,125
Any	3,435	5,894	5,366	5,275	5,425	11,882
1 to 49 days	500	850	699	684	761	1,534
50 to 99 days	260	402	350	357	337	780
100 to 199 days	496	772	694	683	668	1,292
200 days or more	2,179	3,870	3,623	3,551	3,659	8,276
Years on present farm:						
2 years or less	301	439	516	539	725	1,356
3 or 4 years	314	690	649	726	894	1,455
5 to 9 years	860	1,409	1,499	1,346	1,213	2,431
10 years or more	4,292	6,935	5,620	5,396	5,295	12,765
Average years on present farm	25.2	23.2	21.2	20.2	18.7	19.7
Years operating any farm (see text):						
5 years or less	653	1,243	1,251	1,375	1,683	2,904
6 to 10 years	691	1,160	1,278	1,152	1,032	2,099
11 years or more	4,423	7,070	5,755	5,480	5,412	13,004
Average years on any farm	27.3	25.3	22.9	21.7	20.4	21.3
Age group:						
Under 25 years	94	168	163	162	169	254
25 to 34 years	517	698	624	574	508	877
35 to 44 years	606	1,079	1,031	928	1,135	1,926
45 to 54 years	913	1,703	1,470	1,441	1,486	3,459
55 to 64 years	1,573	2,474	2,231	2,350	2,210	5,776
65 to 74 years	1,262	2,137	1,824	1,661	1,773	4,029
75 years and over	802	1,214	941	891	846	1,686
Average age	57.6	57.6	57.0	56.9	56.5	57.6
Young producers (see text)	660	970	880	820	786	1,270
Producers of Hispanic, Latino, or Spanish origin	75	133	117	112	120	221
Producers by race:						
American Indian or Alaska Native	15	64	39	80	61	54
Asian	6	43	24	13	12	37
Black or African American	31	29	57	58	44	72
Native Hawaiian or Other Pacific Islander	-	-	-	2	1	3
White	5,686	9,276	8,105	7,796	7,932	17,661
More than one race reported	29	61	59	58	77	180
Military service (see text):						
Never served	5,228	8,453	7,392	7,168	7,213	16,011
Served	539	1,020	892	839	914	1,996
Number of persons living in producers' households (see text)	11,699	18,064	15,727	14,988	15,717	32,272
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	5,046	8,201	7,168	7,007	7,122	16,051
Land use and/or crop decisions	4,490	7,341	6,302	5,893	5,877	13,140
Livestock decisions	2,463	4,748	4,731	4,606	4,737	11,601
Record keeping and/or financial management	4,426	7,259	6,125	5,769	5,870	12,607
Estate planning or succession planning	3,352	5,301	4,616	4,373	4,252	9,955
FARMS BY TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	3,451 farms	5,719 farms	4,937 farms	4,848 farms	4,895 farms	10,877 farms
acres	464,636	509,290	310,804	247,170	203,237	470,694
Limited Liability Company	374 farms	556 farms	431 farms	440 farms	331 farms	823 farms
acres	45,802	41,822	26,459	19,812	12,292	44,030
LEGAL STATUS FOR TAX PURPOSES						
Family or individual	3,137 farms	5,225 farms	4,591 farms	4,531 farms	4,606 farms	10,136 farms
acres	413,051	463,737	288,883	228,057	183,012	418,141

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
LEGAL STATUS FOR TAX PURPOSES - Con.						
Partnership .....farms	3,246	555	366	373	394	252
Registered under State law .....farms	2,091,147	1,185,680	353,164	237,329	149,622	51,073
.....acres	2,620	497	326	302	316	201
.....acres	1,781,076	1,031,984	310,041	196,357	114,955	41,815
Corporation .....farms	2,880	467	336	297	322	187
.....acres	1,315,561	680,681	286,900	136,333	82,479	30,987
Family held .....farms	2,540	424	314	273	288	155
.....acres	1,205,096	622,143	268,409	130,136	73,770	28,359
More than 10 stockholders .....farms	32	11	2	4	1	1
10 or less stockholders .....farms	2,508	413	312	269	287	154
Other than family held .....farms	340	43	22	24	34	32
.....acres	110,465	58,538	18,491	6,197	8,709	2,628
More than 10 stockholders .....farms	23	5	-	1	-	1
10 or less stockholders .....farms	317	38	22	23	34	31
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. ....farms	992	20	24	25	58	56
.....acres	175,869	23,963	16,175	12,789	16,824	11,566
HIRED FARM LABOR						
Hired farm labor .....farms	11,907	1,546	1,265	1,305	1,448	962
.....workers	77,475	35,006	9,698	7,080	6,964	3,604
Workers by days worked:						
150 days or more .....farms	5,589	1,399	985	823	645	321
.....workers	27,177	16,617	3,250	2,306	1,645	716
Less than 150 days .....farms	9,295	1,072	862	897	1,159	792
.....workers	50,298	18,389	6,448	4,774	5,319	2,888
Migrant farm labor on farms with hired labor .....farms	760	250	142	113	113	32
Migrant farm labor on farms reporting only contract labor .....farms	68	5	1	13	13	8
Unpaid workers .....farms	23,260	476	562	916	1,493	1,510
.....workers	54,839	1,026	1,203	2,052	3,586	3,734
FARMS BY SIZE						
1 to 9 acres	5,154	27	26	55	98	86
10 to 49 acres	16,920	94	77	88	203	372
50 to 69 acres	3,697	15	29	51	93	108
70 to 99 acres	4,931	21	34	60	154	197
100 to 139 acres	3,681	25	29	70	200	410
140 to 179 acres	2,230	24	31	56	162	475
180 to 219 acres	1,526	21	20	74	180	425
220 to 259 acres	1,191	16	26	36	252	369
260 to 499 acres	3,591	125	177	421	1,384	614
500 to 999 acres	2,560	268	410	1,058	566	85
1,000 to 1,999 acres	1,504	445	738	223	61	13
2,000 acres or more	656	592	53	3	2	2
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)						
Oilseed and grain farming (1111)	12,466	531	881	1,269	2,031	1,782
Vegetable and melon farming (1112)	1,826	125	56	56	118	133
Fruit and tree nut farming (1113)	2,549	101	105	166	243	216
Greenhouse, nursery, and floriculture production (1114)	2,313	142	102	149	187	182
Other crop farming (1119)	11,779	51	36	60	141	290
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	11,779	51	36	60	141	290
Beef cattle ranching and farming (11211)	5,578	42	85	82	151	217
Cattle feedlots (11212)	388	43	51	48	82	75
Dairy cattle and milk production (11212)	1,530	453	277	307	278	119
Hog and pig farming (1122)	715	130	42	18	15	9
Poultry and egg production (1123)	857	42	5	11	14	17
Sheep and goat farming (1124)	1,721	1	-	4	13	14
Aquaculture and other animal production (1125, 1129) (see text)	5,919	12	10	25	82	102
OTHER FARM CHARACTERISTICS						
Farms reporting- Internet access	36,756	1,496	1,398	1,842	2,669	2,409
Dial-up	1,344	46	45	69	94	103
DSL	7,610	344	320	386	534	478
Cable modem	8,236	278	265	385	541	476
Fiber-optic	1,704	129	67	89	121	116
Mobile internet service for a cell phone or other device (see text)	15,570	700	626	803	1,205	1,090
Satellite	7,022	365	304	354	487	421
Don't know (see text)	2,748	102	119	185	250	214
Other internet service	1,376	73	43	65	91	64
Farms by number of households sharing in net income of operation:						
1 household	40,932	933	1,056	1,581	2,601	2,636
2 households	5,092	379	414	445	578	404
3 households	1,046	210	115	138	131	84
4 households	356	102	51	22	22	16
5 or more households	215	49	14	9	23	16
LIVESTOCK						
Cattle and calves inventory .....farms	12,221	715	597	802	1,132	1,014
.....number	1,201,383	725,908	147,100	96,732	75,709	43,365

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
LEGAL STATUS FOR TAX PURPOSES - Con.						
Partnership farms	206	302	180	179	160	279
Registered under State law acres	33,056	28,714	13,816	10,880	7,310	20,503
..... farms	168	219	126	133	124	208
..... acres	26,838	18,280	9,275	7,939	5,769	17,823
Corporation farms	145	221	195	159	147	404
..... acres	23,439	22,746	10,574	9,574	7,204	24,644
Family held farms	123	192	177	123	121	350
..... acres	20,221	17,280	9,279	8,239	5,688	21,572
More than 10 stockholders farms	1	-	1	2	3	6
10 or less stockholders farms	122	192	176	121	118	344
Other than family held farms	22	29	18	36	26	54
..... acres	3,218	5,466	1,295	1,335	1,516	3,072
More than 10 stockholders farms	-	5	-	11	-	-
10 or less stockholders farms	22	24	18	25	26	54
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. farms	86	124	110	103	89	297
..... acres	21,464	13,544	7,104	7,992	10,378	34,070
HIRED FARM LABOR						
Hired farm labor farms	863	1,205	795	683	537	1,298
..... workers	3,174	3,767	2,161	1,650	1,298	3,073
Workers by days worked:						
150 days or more farms	246	286	164	149	139	432
..... workers	535	521	375	223	242	747
Less than 150 days farms	745	1,044	684	605	451	984
..... workers	2,639	3,246	1,786	1,427	1,056	2,326
Migrant farm labor on farms with hired labor farms	45	35	10	1	6	13
Migrant farm labor on farms reporting only contract labor farms	14	4	3	-	5	2
Unpaid workers farms	1,632	2,887	2,677	2,636	2,601	5,870
..... workers	4,061	6,963	6,446	6,167	6,204	13,397
FARMS BY SIZE						
1 to 9 acres farms	168	409	562	661	1,139	1,923
10 to 49 acres farms	495	1,873	2,219	2,614	2,604	6,281
50 to 69 acres farms	281	795	573	508	399	845
70 to 99 acres farms	635	1,023	796	560	437	1,014
100 to 139 acres farms	757	723	439	319	205	504
140 to 179 acres farms	435	398	221	129	101	198
180 to 219 acres farms	261	203	105	84	43	110
220 to 259 acres farms	174	150	53	29	21	65
260 to 499 acres farms	304	253	89	56	38	130
500 to 999 acres farms	56	35	18	9	14	41
1,000 to 1,999 acres farms	5	10	1	3	-	5
2,000 acres or more farms	3	-	-	-	1	-
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)						
Oilseed and grain farming (1111) farms	1,784	2,130	910	580	367	201
Vegetable and melon farming (1112) farms	167	324	350	204	188	105
Fruit and tree nut farming (1113) farms	251	374	246	177	165	505
Greenhouse, nursery, and floriculture production (1114) farms	223	298	223	178	154	475
Other crop farming (1119) farms	526	1,385	1,821	2,096	2,243	3,130
Tobacco farming (11191) farms	-	-	-	-	-	-
Cotton farming (11192) farms	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	526	1,385	1,821	2,096	2,243	3,130
Beef cattle ranching and farming (11211) farms	296	785	836	893	637	1,554
Cattle feedlots (11212) farms	58	24	5	-	2	-
Dairy cattle and milk production (11212) farms	25	4	10	2	3	52
Hog and pig farming (1122) farms	12	35	61	131	226	36
Poultry and egg production (1123) farms	25	49	64	132	243	255
Sheep and goat farming (1124) farms	51	125	166	226	340	781
Aquaculture and other animal production (1125, 1129) (see text) farms	156	339	384	353	434	4,022
OTHER FARM CHARACTERISTICS						
Farms reporting- Internet access farms	2,703	4,441	3,888	3,773	3,792	8,345
Dial-up farms	151	162	135	122	146	271
DSL farms	537	907	802	799	813	1,690
Cable modem farms	567	972	886	910	841	2,115
Fiber-optic farms	118	196	168	159	150	391
Mobile internet service for a cell phone or other device (see text) farms	1,106	1,870	1,597	1,548	1,641	3,384
Satellite farms	526	834	788	678	717	1,548
Don't know (see text) farms	204	366	273	279	236	520
Other internet service farms	80	176	174	98	158	354
Farms by number of households sharing in net income of operation:						
1 household farms	3,024	5,061	4,568	4,492	4,600	10,380
2 households farms	435	668	408	409	319	633
3 households farms	67	88	67	39	47	60
4 households farms	29	34	14	20	22	24
5 or more households farms	19	21	19	12	14	19
LIVESTOCK						
Cattle and calves inventory farms	938	1,591	1,436	1,264	997	1,735
..... number	28,377	33,188	17,150	12,323	8,106	13,425

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
LIVESTOCK - Con.						
Cattle and calves inventory - Con.						
Farms with-						
1 to 9	4,620	20	26	54	105	148
10 to 49	4,550	27	41	139	410	558
50 to 99	1,132	21	53	163	402	219
100 to 199	765	29	125	325	167	80
200 to 499	681	203	306	113	47	8
500 or more	473	415	46	8	1	1
Cows and heifers that calved	9,243	565	390	556	743	692
number	545,554	368,114	45,674	32,682	25,390	16,162
Beef cows	7,445	88	114	250	456	560
number	103,522	4,139	4,877	9,719	14,895	13,808
Farms with-						
1 to 9	4,341	18	33	73	117	142
10 to 49	2,755	40	61	122	240	337
50 to 99	263	19	10	35	70	71
100 to 199	68	8	5	14	25	10
200 to 499	16	3	4	5	4	-
500 or more	2	-	1	1	-	-
Milk cows	2,158	492	322	361	327	163
number	442,032	363,975	40,797	22,963	10,495	2,354
Farms with-						
1 to 9	582	-	8	29	29	49
10 to 49	462	6	16	47	253	114
50 to 99	353	3	60	245	45	-
100 to 199	303	56	207	40	-	-
200 to 499	270	239	31	-	-	-
500 or more	188	188	-	-	-	-
Other cattle (see text)	9,557	645	557	748	1,037	891
number	655,829	357,794	101,426	64,050	50,319	27,203
Cattle and calves sold	9,539	699	585	760	1,087	958
number	748,919	427,397	118,544	77,284	52,746	29,262
\$1,000	628,397	353,077	105,500	62,253	47,199	24,206
Calves weighing less than 500 pounds	3,347	428	259	320	406	272
number	287,148	171,985	43,874	29,363	18,034	10,870
Cattle weighing 500 pounds or more	8,692	686	557	729	1,034	894
number	461,771	255,412	74,670	47,921	34,712	18,392
Cattle on feed (see text)	1,168	183	183	229	283	170
number	166,320	101,098	29,363	16,961	12,534	4,564
Hogs and pigs inventory	2,017	149	59	63	106	131
number	1,236,567	1,140,076	52,902	15,001	7,787	6,127
Farms with-						
1 to 24	1,564	2	14	27	61	70
25 to 49	120	-	-	5	8	25
50 to 99	72	1	5	9	11	19
100 to 199	40	-	3	4	15	10
200 to 499	18	-	-	3	8	6
500 or more	203	146	37	15	3	1
Hogs and pigs sold	2,441	168	72	79	117	150
number	4,076,081	3,821,326	165,394	41,239	13,496	8,886
\$1,000	608,555	566,362	27,843	7,268	2,183	1,311
Sheep and lambs inventory (see text)	2,483	14	18	32	92	113
number	89,270	2,826	5,560	8,088	17,920	7,498
Sheep and lambs sold	1,610	9	17	29	84	104
number	62,018	(D)	(D)	6,036	16,483	4,834
Total horses and ponies inventory	10,235	57	74	145	270	344
number	64,200	251	624	968	2,740	3,016
Total horses and ponies sold (see text)	1,480	7	20	30	77	86
number	4,421	14	29	94	636	540
Goats, all inventory	2,614	4	6	25	49	51
number	29,226	(D)	(D)	875	1,544	789
Goats, all sold	1,267	3	2	14	24	24
number	13,653	(D)	(D)	804	1,904	308
POULTRY						
Layers inventory (see text)	7,039	22	41	105	197	262
number	15,074,549	14,789,279	1,170	15,326	20,607	36,092
Farms with-						
1 to 399	6,961	12	41	99	189	249
400 to 3,199	63	-	-	5	6	11
3,200 to 9,999	5	-	-	1	2	2
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	1	1	-	-	-	-
50,000 to 99,999	1	1	-	-	-	-
100,000 or more	8	8	-	-	-	-
Pullets for laying flock replacement inventory	1,159	11	11	10	18	47
number	4,933,440	4,883,892	240	645	2,770	6,525
Layers sold (see text)	1,235	10	5	13	37	39
number	5,036,819	4,902,464	203	5,219	11,077	11,697
Pullets for laying flock replacement sold	132	5	-	-	3	1
number	6,573,536	6,556,853	-	-	193	(D)

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
LIVESTOCK - Con.						
Cattle and calves inventory - Con.						
Farms with-						
1 to 9	188	493	718	783	740	1,345
10 to 49	583	986	699	474	254	379
50 to 99	139	103	17	6	1	8
100 to 199	28	7	2	-	-	2
200 to 499	-	1	-	1	2	-
500 or more	-	1	-	-	-	1
Cows and heifers that calved	743	1,289	1,140	1,004	784	1,337
farms number	13,284	17,457	8,864	6,737	4,044	7,146
Beef cows	667	1,235	1,087	963	743	1,282
farms number	12,658	17,201	8,682	6,618	3,935	6,990
Farms with-						
1 to 9	218	515	754	723	641	1,107
10 to 49	410	702	330	238	102	173
50 to 99	35	17	3	2	-	1
100 to 199	4	1	-	-	-	1
200 to 499	-	-	-	-	-	-
500 or more	-	-	-	-	-	-
Milk cows	114	92	70	66	60	91
farms number	626	256	182	119	109	156
Farms with-						
1 to 9	94	90	69	65	59	90
10 to 49	20	2	1	1	1	1
50 to 99	-	-	-	-	-	-
100 to 199	-	-	-	-	-	-
200 to 499	-	-	-	-	-	-
500 or more	-	-	-	-	-	-
Other cattle (see text)	808	1,255	1,055	873	655	1,033
farms number	15,093	15,731	8,286	5,586	4,062	6,279
Cattle and calves sold	866	1,396	1,256	1,068	701	163
farms number	15,665	14,983	6,990	4,158	1,630	260
\$1,000	13,148	12,844	5,963	3,072	1,029	106
Calves weighing less than 500 pounds	278	400	351	307	227	99
farms number	4,630	4,302	1,841	1,397	670	182
Cattle weighing 500 pounds or more	810	1,315	1,136	927	536	68
farms number	11,035	10,681	5,149	2,761	960	78
Cattle on feed (see text)	81	26	5	6	2	-
farms number	1,371	356	59	(D)	(D)	-
Hogs and pigs inventory	162	265	276	264	227	315
farms number	3,080	3,113	2,290	2,774	1,695	1,722
Farms with-						
1 to 24	124	229	259	250	217	311
25 to 49	21	29	15	8	6	3
50 to 99	10	6	2	5	4	-
100 to 199	7	1	-	-	-	-
200 to 499	-	-	-	-	-	1
500 or more	-	-	-	1	-	-
Hogs and pigs sold	172	325	393	360	390	215
farms number	6,293	7,218	4,856	4,034	2,678	661
\$1,000	869	988	715	554	375	86
Sheep and lambs inventory (see text)	140	315	276	312	326	845
farms number	8,631	10,743	7,488	6,303	4,943	9,270
Sheep and lambs sold	111	269	236	246	260	245
farms number	6,322	8,045	4,509	3,216	2,082	1,053
Total horses and ponies inventory	464	972	1,040	1,042	970	4,857
farms number	4,396	6,650	5,406	5,127	4,402	30,620
Total horses and ponies sold (see text)	142	325	281	212	206	94
farms number	655	891	678	442	341	101
Goats, all inventory	109	274	343	314	431	1,008
farms number	2,985	4,054	4,351	3,354	3,881	7,213
Goats, all sold	72	167	226	192	255	288
farms number	1,696	2,054	2,607	1,720	1,539	933
POULTRY						
Layers inventory (see text)	350	849	902	933	1,071	2,307
farms number	33,283	40,409	36,640	31,398	28,667	41,678
Farms with-						
1 to 399	334	834	892	933	1,071	2,307
400 to 3,199	16	15	10	-	-	-
3,200 to 9,999	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Pullets for laying flock replacement inventory	44	149	188	155	213	313
farms number	12,078	5,087	7,806	3,890	4,076	6,431
Layers sold (see text)	60	186	246	162	181	296
farms number	57,441	15,357	11,599	10,567	5,991	5,204
Pullets for laying flock replacement sold	10	9	11	28	43	22
farms number	10,060	157	(D)	2,472	661	738

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
POULTRY - Con.						
Broilers and other meat-type chickens sold .....farms	1,582	13	7	19	43	73
number	8,868,690	6,933,600	796,100	879,674	43,690	32,009
Farms with-						
1 to 1,999	1,539	-	4	7	34	70
2,000 to 59,999	21	-	-	6	9	3
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	22	13	3	6	-	-
Turkeys inventory (see text) .....farms	1,036	19	10	4	17	17
number	2,279,108	2,201,707	(D)	(D)	(D)	455
Turkeys sold (see text) .....farms	767	19	4	7	20	18
number	5,186,242	5,068,028	(D)	24,400	30,157	4,332
CROPS						
Barley for grain .....farms	183	8	17	20	28	18
acres	5,740	552	1,446	1,050	1,102	416
bushels	272,067	23,941	78,359	56,219	49,172	17,327
Irrigated .....farms	1	-	-	-	-	1
acres	(D)	-	-	-	-	(D)
Farms by acres harvested:						
1 to 24 acres	114	3	5	8	11	8
25 to 99 acres	59	3	7	10	16	10
100 to 249 acres	7	2	3	1	1	-
250 to 499 acres	3	-	2	1	-	-
500 acres or more	-	-	-	-	-	-
Corn for grain .....farms	11,195	1,138	1,243	1,514	2,089	1,605
acres	2,168,204	918,317	470,542	352,051	241,310	97,647
bushels	344,533,785	151,377,931	77,272,538	56,454,477	35,406,138	13,486,300
Irrigated .....farms	1,030	346	171	157	170	104
acres	313,638	220,928	42,631	25,931	16,669	5,458
Farms by acres harvested:						
1 to 24 acres	2,751	16	26	68	174	288
25 to 99 acres	3,530	53	91	194	764	1,038
100 to 249 acres	2,418	177	320	590	1,019	275
250 to 499 acres	1,413	253	427	599	130	4
500 acres or more	1,083	639	379	63	2	-
Corn for silage or greenchop .....farms	2,355	560	368	366	367	216
acres	331,133	231,152	44,680	26,712	14,062	6,075
tons	6,157,400	4,495,476	794,969	444,443	225,930	83,718
Irrigated .....farms	133	90	24	9	4	1
acres	21,043	18,150	2,157	518	154	(D)
Farms by acres harvested:						
1 to 24 acres	772	11	20	56	173	139
25 to 99 acres	802	75	176	216	166	66
100 to 249 acres	453	192	135	86	27	11
250 to 499 acres	192	154	29	8	1	-
500 acres or more	136	128	8	-	-	-
Dry edible beans, excluding chickpeas and limas (see text) .....farms	1,085	202	232	189	215	114
acres	225,334	104,663	59,878	30,768	20,097	6,218
cwt	4,487,274	2,188,423	1,181,560	569,900	366,188	114,438
Irrigated .....farms	58	24	8	8	5	3
acres	10,376	7,011	1,476	1,065	569	(D)
Farms by acres harvested:						
1 to 24 acres	97	3	2	-	10	10
25 to 99 acres	341	7	35	41	113	85
100 to 249 acres	346	30	89	119	88	19
250 to 499 acres	190	69	88	29	4	-
500 acres or more	111	93	18	-	-	-
Oats for grain .....farms	1,167	92	95	103	156	181
acres	34,492	5,796	3,480	7,073	4,573	4,175
bushels	2,079,160	395,406	242,887	467,274	251,799	244,096
Irrigated .....farms	5	3	1	-	1	-
acres	417	(D)	(D)	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	778	16	41	53	94	131
25 to 99 acres	324	60	46	35	51	47
100 to 249 acres	59	13	8	12	11	3
250 to 499 acres	3	3	-	-	-	-
500 acres or more	3	-	-	3	-	-
Sorghum for grain .....farms	27	10	2	2	1	2
acres	1,888	1,379	(D)	(D)	(D)	(D)
bushels	225,714	194,613	(D)	(D)	(D)	(D)
Irrigated .....farms	7	6	-	-	1	-
acres	1,186	(D)	-	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	11	-	1	-	-	-
25 to 99 acres	11	6	1	1	1	2
100 to 249 acres	3	2	-	-	-	-
250 to 499 acres	2	2	-	-	-	-
500 acres or more	-	-	-	-	-	-
Soybeans for beans .....farms	11,988	969	1,113	1,471	2,147	1,767
acres	2,487,343	752,569	520,913	452,725	390,891	182,893
bushels	107,048,753	35,313,230	23,224,193	19,357,962	15,558,487	7,069,259
Irrigated .....farms	699	205	115	109	112	81
acres	140,492	85,492	25,447	12,896	10,147	4,370
Farms by acres harvested:						
1 to 24 acres	1,918	7	22	54	84	87
25 to 99 acres	4,126	87	91	148	412	880
100 to 249 acres	3,051	167	214	394	1,190	737

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
POULTRY - Con.						
Broilers and other meat-type chickens sold	84	241	231	231	316	324
farms						
number	36,140	55,436	34,700	24,531	20,754	12,056
Farms with-						
1 to 1,999	81	241	231	231	316	324
2,000 to 59,999	3	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Turkeys inventory (see text)	39	138	111	132	222	327
farms						
number	1,643	2,535	2,403	1,852	34,015	2,003
Turkeys sold (see text)	37	158	83	89	191	141
farms						
number	2,708	5,446	(D)	1,892	7,913	807
CROPS						
Barley for grain	31	34	8	8	3	8
farms						
acres	540	425	49	88	42	30
bushels	21,102	18,230	2,503	2,874	820	1,520
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	24	29	8	7	3	8
25 to 99 acres	7	5	-	1	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Corn for grain	1,270	1,252	516	286	173	109
farms						
acres	46,093	30,369	7,085	2,775	1,286	729
bushels	5,884,922	3,526,957	699,827	246,300	105,035	73,360
Irrigated	47	22	6	3	4	-
farms						
acres	1,410	550	43	8	10	-
Farms by acres harvested:						
1 to 24 acres	451	733	451	275	168	101
25 to 99 acres	789	513	65	11	5	7
100 to 249 acres	30	6	-	-	-	1
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Corn for silage or greenchop	172	177	62	41	18	8
farms						
acres	4,290	2,995	735	307	85	40
tons	61,223	38,162	8,791	3,638	718	332
Irrigated	1	4	-	-	-	-
farms						
acres	(D)	40	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	112	137	57	41	18	8
25 to 99 acres	58	40	5	-	-	-
100 to 249 acres	2	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Dry edible beans, excluding chickpeas and limas (see text)	64	45	13	10	-	1
farms						
acres	2,417	975	194	(D)	-	(D)
cwt	43,030	18,849	2,653	(D)	-	(D)
Irrigated	2	2	-	6	-	-
farms						
acres	(D)	(D)	-	84	-	-
Farms by acres harvested:						
1 to 24 acres	17	31	13	10	-	1
25 to 99 acres	46	14	-	-	-	-
100 to 249 acres	1	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Oats for grain	161	191	85	58	10	35
farms						
acres	4,085	3,149	1,094	786	53	228
bushels	220,702	171,056	48,473	29,117	1,819	6,531
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	111	165	74	48	10	35
25 to 99 acres	42	22	11	10	-	-
100 to 249 acres	8	4	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Sorghum for grain	-	1	3	-	-	6
farms						
acres	-	(D)	13	-	-	18
bushels	-	(D)	669	-	-	810
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	1	3	-	-	6
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Soybeans for beans	1,629	1,613	639	318	228	94
farms						
acres	106,323	60,463	12,555	4,352	2,313	1,346
bushels	3,866,852	2,048,964	399,801	120,833	61,720	27,452
Irrigated	40	20	8	6	3	-
farms						
acres	1,478	472	136	(D)	(D)	-
Farms by acres harvested:						
1 to 24 acres	150	465	461	285	214	89
25 to 99 acres	1,164	1,120	177	33	12	2
100 to 249 acres	315	28	1	-	2	3

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
CROPS - Con.						
Soybeans for beans - Con.						
Farms by acres harvested: - Con.						
250 to 499 acres	1,580	179	279	659	401	62
500 acres or more	1,313	529	507	216	60	1
Sugarbeets for sugar	farms	198	165	135	99	40
acres	661	94,677	28,694	14,869	(D)	1,449
tons	3,693,023	2,434,400	721,847	349,863	136,984	36,261
Irrigated	farms	16	5	2	1	1
acres	(D)	1,869	488	(D)	(D)	(D)
Sunflower seed, all	farms	1	4	7	6	2
acres	46	(D)	706	520	167	(D)
pounds	3,095,470	(D)	(D)	1,103,410	160,172	(D)
Irrigated	farms	-	-	-	-	-
acres	(D)	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	30	-	1	-	3	2
25 to 99 acres	11	-	-	6	3	-
100 to 249 acres	4	1	2	1	-	-
250 to 499 acres	1	-	1	-	-	-
500 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms	702	734	781	1,036	677
acres	4,974	177,802	112,130	81,713	65,797	25,811
bushels	38,015,624	14,924,135	9,135,379	6,260,986	4,611,096	1,700,761
Irrigated	farms	56	14	20	16	4
acres	17,399	14,560	637	1,381	636	101
Farms by acres harvested:						
1 to 24 acres	1,202	31	36	64	157	228
25 to 99 acres	2,277	184	257	352	700	432
100 to 249 acres	1,021	217	293	324	165	16
250 to 499 acres	378	187	137	41	12	1
500 acres or more	96	83	11	-	2	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	farms	691	612	885	1,362	1,213
acres	18,833	213,790	90,360	94,061	105,677	79,992
tons, dry equivalent	2,674,133	962,078	321,944	275,419	265,350	192,520
Irrigated	farms	108	45	18	33	21
acres	24,775	14,819	3,131	1,185	1,350	855
Farms by acres harvested:						
1 to 24 acres	10,092	57	103	198	456	455
25 to 99 acres	6,193	122	169	354	598	501
100 to 249 acres	1,837	198	237	256	229	206
250 to 499 acres	501	181	81	57	55	45
500 acres or more	210	133	22	20	24	6
Alfalfa hay	farms	453	487	752	1,106	1,037
acres	13,660	78,892	49,616	57,985	62,992	55,849
tons, dry	576,416	297,501	146,376	173,352	159,832	135,538
Irrigated	farms	46	25	12	25	18
acres	8,707	3,157	991	901	753	707
Other dry hay (see text)	farms	72	89	140	251	254
acres	5,188	5,512	4,666	9,335	21,165	16,618
tons, dry	184,859	16,175	7,967	19,077	33,042	32,683
Irrigated	farms	5	9	2	1	2
acres	1,744	314	110	(D)	(D)	(D)
Field and grass seed crops, all	farms	3	1	1	3	4
acres	26	67	(D)	(D)	30	(D)
Irrigated	farms	-	-	1	-	-
acres	(D)	-	-	(D)	-	-
Land in vegetables (see text)	farms	235	135	146	259	262
acres	3,047	123,989	14,075	8,137	6,906	2,749
Irrigated	farms	165	73	66	139	135
acres	102,819	88,442	6,335	2,843	2,700	1,011
Farms by acres harvested:						
0.1 to 4.9 acres	1,956	4	6	16	64	115
5.0 to 24.9 acres	554	20	22	44	102	120
25.0 to 99.9 acres	255	27	44	62	83	26
100.0 to 249.9 acres	135	49	54	21	10	1
250.0 acres or more	147	135	9	3	-	-
Beans, snap	farms	41	34	37	66	83
acres	844	9,115	2,330	849	117	78
Harvested for processing	farms	31	16	8	-	1
acres	120	8,463	2,095	641	-	(D)
Peas, green	farms	10	-	10	26	14
acres	239	2,980	-	5	46	11
Harvested for processing	farms	9	-	-	1	-
acres	33	2,979	-	-	(D)	-
Potatoes	farms	49	28	28	74	61
acres	761	46,282	2,286	1,117	405	86
Harvested for processing	farms	34	5	6	10	-
acres	107	38,917	713	624	135	-
Farms by acres harvested:						
0.1 to 4.9 acres	643	2	6	14	57	55
5.0 to 24.9 acres	35	-	3	4	11	6
25.0 to 99.9 acres	18	1	4	6	6	-
100.0 to 249.9 acres	28	10	15	3	-	-
250.0 acres or more	37	36	-	1	-	-

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
CROPS - Con.						
Soybeans for beans - Con.						
Farms by acres harvested: - Con.						
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Sugarbeets for sugar	22	1	1	-	-	-
farms	(D)	(D)	(D)	-	-	-
acres	(D)	(D)	(D)	-	-	-
tons	(D)	(D)	(D)	-	-	-
Irrigated	-	-	-	-	-	-
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Sunflower seed, all	1	7	11	1	-	6
farms	(D)	166	15	(D)	-	42
acres	(D)	155,560	(D)	(D)	-	33,834
pounds	(D)	-	(D)	-	-	6
Irrigated	-	-	3	-	-	42
farms	-	-	(D)	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	1	5	11	1	-	6
25 to 99 acres	-	2	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Wheat for grain, all	471	362	105	46	40	20
farms	13,511	7,593	1,679	659	278	38
acres	841,050	422,387	79,963	27,027	11,744	1,096
bushels	1	2	-	1	-	-
Irrigated	(D)	(D)	-	(D)	-	-
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	235	269	84	38	40	20
25 to 99 acres	231	92	21	8	-	-
100 to 249 acres	5	1	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	1,401	2,526	2,344	2,199	1,801	3,799
farms	95,116	121,775	74,904	53,543	30,579	49,773
acres	178,886	209,196	119,967	66,467	34,398	47,908
tons, dry equivalent	26	35	44	20	17	50
Irrigated	797	652	660	337	218	771
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	470	928	1,224	1,413	1,430	3,358
25 to 99 acres	604	1,304	1,010	746	361	424
100 to 249 acres	278	268	102	37	10	16
250 to 499 acres	47	23	8	3	-	1
500 acres or more	2	3	-	-	-	-
Alfalfa hay	1,146	1,966	1,752	1,571	1,208	2,182
farms	63,337	81,520	47,297	33,187	17,800	27,941
acres	121,785	145,125	77,177	44,006	21,160	29,776
tons, dry	22	22	36	17	14	30
Irrigated	699	439	483	224	168	185
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Other dry hay (see text)	363	696	734	705	575	1,309
farms	24,857	33,803	24,318	17,977	10,037	16,571
acres	40,434	52,244	37,517	19,901	11,082	15,135
tons, dry	3	12	7	5	3	13
Irrigated	68	203	86	113	50	562
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Field and grass seed crops, all	10	3	1	-	-	-
farms	369	52	(D)	-	-	-
acres	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Land in vegetables (see text)	324	554	465	268	267	132
farms	1,773	1,802	796	347	247	103
acres	167	210	176	80	101	54
Irrigated	647	475	205	64	53	45
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
0.1 to 4.9 acres	207	452	436	261	264	131
5.0 to 24.9 acres	110	96	29	7	3	1
25.0 to 99.9 acres	7	6	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-
250.0 acres or more	-	-	-	-	-	-
Beans, snap	121	179	136	70	58	19
farms	72	73	39	21	7	4
acres	4	18	15	8	18	1
Harvested for processing	(D)	14	4	1	2	(D)
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Peas, green	48	63	28	12	26	2
farms	13	9	4	(D)	3	(D)
acres	-	6	4	2	11	-
Harvested for processing	-	(D)	1	(D)	1	-
farms	116	158	114	48	63	22
acres	106	131	57	17	18	7
Potatoes	2	17	12	6	13	2
Harvested for processing	(D)	39	12	3	(D)	(D)
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
0.1 to 4.9 acres	111	154	111	48	63	22
5.0 to 24.9 acres	5	3	3	-	-	-
25.0 to 99.9 acres	-	1	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-
250.0 acres or more	-	-	-	-	-	-

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
CROPS - Con.						
Land in vegetables (see text) - Con.						
Sweet corn .....farms	835	39	45	57	104	82
Harvested for processing .....farms	8,466	3,458	1,110	1,246	1,494	453
.....acres	79	1	4	-	5	8
.....acres	229	(D)	31	-	15	12
Sweet potatoes .....farms	70	-	-	4	10	4
Harvested for processing .....farms	(D)	-	-	7	1	1
.....acres	3	-	-	-	-	-
.....acres	1	-	-	-	-	-
Tomatoes in the open .....farms	1,216	30	24	37	112	111
Harvested for processing .....farms	5,102	4,154	138	106	212	124
.....acres	125	12	-	-	3	4
.....acres	2,938	2,888	-	-	5	10
Land in orchards (see text) .....farms	2,552	112	92	140	215	200
Irrigated .....farms	98,220	41,719	16,762	14,133	12,750	4,425
.....acres	529	51	32	39	65	35
.....acres	15,278	7,577	2,489	1,198	2,033	459
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres .....farms	1,379	2	1	7	13	45
5.0 to 24.9 acres .....farms	571	1	4	6	41	96
25.0 to 99.9 acres .....farms	323	18	17	61	120	53
100.0 to 249.9 acres .....farms	191	34	49	60	39	4
250.0 acres or more .....farms	88	57	21	6	2	2
Apples .....farms	1,551	93	77	95	134	120
bearing and nonbearing acres	38,563	19,724	6,266	4,350	4,074	1,087
Grapes .....farms	791	19	24	26	57	70
bearing and nonbearing acres	13,127	3,905	2,258	1,502	2,321	1,170
Peaches, all .....farms	477	23	30	45	42	43
bearing and nonbearing acres	2,863	699	794	650	293	134
Pecans .....farms	12	-	-	-	-	-
bearing and nonbearing acres	3	-	-	-	-	-
Walnuts, English .....farms	83	-	-	-	-	4
bearing and nonbearing acres	116	-	-	-	-	8
Land in berries (see text) .....farms	1,566	48	41	87	135	157
.....acres	25,006	11,895	3,108	3,035	2,437	1,527

See footnote(s) at end of table.

--continued

Table 73. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2017
(continued)

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

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
CROPS - Con.						
Land in vegetables (see text) - Con.						
Sweet corn farms	109	152	121	46	52	28
acres	316	230	95	27	27	11
Harvested for processing farms	4	16	11	6	14	10
acres	(D)	(D)	8	1	2	2
Sweet potatoes farms	24	15	10	3	-	-
acres	6	(D)	(D)	(Z)	-	-
Harvested for processing farms	1	-	2	-	-	-
acres	(D)	-	(D)	-	-	-
Tomatoes in the open farms	169	258	242	103	87	43
acres	115	124	69	30	18	13
Harvested for processing farms	6	23	33	16	24	4
acres	1	14	11	5	4	(Z)
Land in orchards (see text) farms	219	373	287	202	200	512
acres	2,852	2,233	804	380	409	1,751
Irrigated farms	58	65	60	29	35	60
acres	595	347	138	42	41	359
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	68	226	237	188	178	414
5.0 to 24.9 acres	117	132	47	13	20	94
25.0 to 99.9 acres	31	15	3	1	2	2
100.0 to 249.9 acres	3	-	-	-	-	2
250.0 acres or more	-	-	-	-	-	-
Apples farms	119	226	180	104	107	296
bearing and nonbearing acres	975	725	281	140	226	716
Grapes farms	80	126	94	83	51	161
bearing and nonbearing acres	750	600	171	130	36	284
Peaches, all farms	49	65	44	23	20	93
bearing and nonbearing acres	114	84	34	6	14	42
Pecans farms	-	2	5	2	3	-
bearing and nonbearing acres	-	(D)	(D)	(D)	1	-
Walnuts, English farms	2	13	18	12	11	23
bearing and nonbearing acres	(D)	(D)	21	13	6	33
Land in berries (see text) farms	182	269	194	136	129	188
acres	1,157	836	266	125	86	535

¹ Landlord production expenses are included with total farm production expenses.

² Farms with total production expenses equal to market value of agricultural products sold, government payments, and farm-related income are included as farms with gains of less than \$1,000.

³ Data were collected for a maximum of four producers per farm.

Table 74. Summary by Legal Status For Tax Purposes: 2017

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

Item	Total	Family or individual	Partnership	
			Total	Registered under State law
FARMS AND LAND IN FARMS				
Farms number	47,641	40,523	3,246	2,620
..... percent	100.0	85.1	6.8	5.5
Land in farms acres	9,764,090	6,181,513	2,091,147	1,781,076
Average size of farm acres	205	153	644	680
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS				
Total (see text) farms	47,641	40,523	3,246	2,620
..... \$1,000	8,388,124	3,655,986	2,181,325	1,942,643
Average per farm dollars	176,069	90,220	672,004	741,467
Farms by economic class:				
Less than \$1,000 (see text)	11,116	10,136	279	208
\$1,000 to \$2,499	5,002	4,606	160	124
\$2,500 to \$4,999	4,972	4,531	179	133
\$5,000 to \$9,999	5,076	4,591	180	126
\$10,000 to \$24,999	5,872	5,225	302	219
\$25,000 to \$49,999	3,574	3,137	206	168
\$50,000 to \$99,999	3,156	2,661	252	201
\$100,000 to \$249,999	3,355	2,581	394	316
\$250,000 to \$499,999	2,195	1,500	373	302
\$500,000 to \$999,999	1,650	924	366	326
\$1,000,000 or more	1,673	631	555	497
\$1,000,000 to \$2,499,999	1,158	476	378	333
\$2,500,000 to \$4,999,999	304	101	98	94
\$5,000,000 or more	211	54	79	70
Total sales farms	47,641	40,523	3,246	2,620
..... \$1,000	8,220,935	3,551,880	2,143,937	1,909,470
Grains, oilseeds, dry beans, and dry peas farms	16,493	13,412	1,779	1,442
..... \$1,000	2,611,695	1,489,316	704,223	600,287
Sales of \$50,000 or more farms	7,416	5,257	1,296	1,103
..... \$1,000	2,471,797	1,365,457	696,163	594,435
Corn farms	11,688	9,222	1,463	1,196
..... \$1,000	1,290,882	702,470	370,929	321,286
Sales of \$50,000 or more farms	4,692	3,038	986	858
..... \$1,000	1,178,909	606,338	361,083	314,077
Wheat farms	4,967	3,593	828	702
..... \$1,000	167,092	91,979	46,163	39,582
Sales of \$50,000 or more farms	931	480	254	229
..... \$1,000	107,870	50,117	35,377	30,734
Soybeans farms	11,961	9,594	1,384	1,145
..... \$1,000	998,608	617,184	248,014	209,430
Sales of \$50,000 or more farms	4,743	3,179	964	821
..... \$1,000	866,724	502,340	238,471	201,925
Sorghum farms	48	36	7	7
..... \$1,000	1,386	798	385	385
Sales of \$50,000 or more farms	8	2	3	3
..... \$1,000	1,099	(D)	319	319
Barley farms	172	140	22	16
..... \$1,000	736	462	(D)	(D)
Sales of \$50,000 or more farms	-	-	-	-
..... \$1,000	-	-	-	-
Rice farms	-	-	-	-
..... \$1,000	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-
..... \$1,000	-	-	-	-
Other grains, oilseeds, dry beans, and dry peas farms	2,577	1,928	366	284
..... \$1,000	152,991	76,424	(D)	(D)
Sales of \$50,000 or more farms	690	405	141	111
..... \$1,000	137,305	64,174	36,537	27,796
Tobacco farms	-	-	-	-
..... \$1,000	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-
..... \$1,000	-	-	-	-
Cotton and cottonseed farms	-	-	-	-
..... \$1,000	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-
..... \$1,000	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms	3,089	2,330	323	275
..... \$1,000	535,068	178,965	206,252	191,989
Sales of \$50,000 or more farms	675	331	170	151
..... \$1,000	513,222	161,298	204,584	190,520
Fruits, tree nuts, and berries farms	2,876	2,178	284	248
..... \$1,000	440,718	179,019	92,965	88,199
Sales of \$50,000 or more farms	870	487	159	140
..... \$1,000	420,114	162,189	91,215	86,803
Fruits and tree nuts farms	1,953	1,467	207	185
..... \$1,000	294,371	130,009	64,501	61,142
Sales of \$50,000 or more farms	616	343	110	97
..... \$1,000	281,142	119,480	63,186	59,963
Berries farms	1,321	1,027	110	91
..... \$1,000	146,347	49,009	28,464	27,057
Sales of \$50,000 or more farms	262	147	47	40
..... \$1,000	137,205	41,708	27,536	26,358
Nursery, greenhouse, floriculture, and sod (see text) farms	1,939	1,237	195	173
..... \$1,000	739,749	117,412	127,053	(D)
Sales of \$50,000 or more farms	725	297	99	95
..... \$1,000	723,766	105,621	125,610	(D)

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Corporation					Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
FARMS AND LAND IN FARMS						
Farms number	2,880	2,540	2,508	340	317	992
..... percent	6.0	5.3	5.3	0.7	0.7	2.1
Land in farms acres	1,315,561	1,205,096	1,188,408	110,465	102,346	175,869
Average size of farm acres	457	474	474	325	323	177
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS						
Total (see text) farms	2,880	2,540	2,508	340	317	992
..... \$1,000	2,429,961	2,177,274	2,081,314	252,687	216,333	120,852
Average per farm dollars	843,736	857,195	829,870	743,196	682,439	121,827
Farms by economic class:						
Less than \$1,000 (see text)	404	350	344	54	54	297
\$1,000 to \$2,499	147	121	118	26	26	89
\$2,500 to \$4,999	159	123	121	36	25	103
\$5,000 to \$9,999	195	177	176	18	18	110
\$10,000 to \$24,999	221	192	192	29	24	124
\$25,000 to \$49,999	145	123	122	22	22	86
\$50,000 to \$99,999	187	155	154	32	31	56
\$100,000 to \$249,999	322	288	287	34	34	58
\$250,000 to \$499,999	297	273	269	24	23	25
\$500,000 to \$999,999	336	314	312	22	22	24
\$1,000,000 or more	467	424	413	43	38	20
\$1,000,000 to \$2,499,999	290	270	263	20	18	14
\$2,500,000 to \$4,999,999	103	92	92	11	10	2
\$5,000,000 or more	74	62	58	12	10	4
Total sales farms	2,880	2,540	2,508	340	317	992
..... \$1,000	2,406,813	2,155,447	2,059,842	251,367	(D)	118,304
Grains, oilseeds, dry beans, and dry peas	1,059	976	966	83	83	243
..... \$1,000	395,335	370,812	367,127	24,523	24,523	22,820
Sales of \$50,000 or more farms	793	746	740	47	47	70
..... \$1,000	390,516	366,785	363,160	23,731	23,731	19,661
Corn farms	857	794	786	63	63	146
..... \$1,000	206,056	191,513	189,813	14,544	14,544	11,427
Sales of \$50,000 or more farms	624	586	582	38	38	44
..... \$1,000	202,059	187,801	186,134	14,259	14,259	9,430
Wheat farms	483	454	449	29	29	63
..... \$1,000	(D)	26,410	26,221	(D)	(D)	(D)
Sales of \$50,000 or more farms	189	179	178	10	10	8
..... \$1,000	21,744	20,821	(D)	923	923	632
Soybeans farms	811	745	737	66	66	172
..... \$1,000	123,473	115,005	113,209	8,468	8,468	9,936
Sales of \$50,000 or more farms	558	521	516	37	37	42
..... \$1,000	118,093	110,160	108,435	7,933	7,933	7,820
Sorghum farms	5	5	5	-	-	-
..... \$1,000	203	203	203	-	-	-
Sales of \$50,000 or more farms	3	3	3	-	-	-
..... \$1,000	(D)	(D)	(D)	-	-	-
Barley farms	9	7	7	2	2	1
..... \$1,000	(D)	119	119	(D)	(D)	(D)
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Rice farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Other grains, oilseeds, dry beans, and dry peas farms	253	245	245	8	8	30
..... \$1,000	37,814	37,563	37,563	251	251	(D)
Sales of \$50,000 or more farms	144	143	143	1	1	-
..... \$1,000	36,594	(D)	(D)	(D)	(D)	-
Tobacco farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Cotton and cottonseed farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms	350	301	297	49	44	86
..... \$1,000	147,027	141,054	130,515	5,973	5,960	2,824
Sales of \$50,000 or more farms	158	141	137	17	17	16
..... \$1,000	145,277	139,534	128,994	5,744	5,744	2,062
Fruits, tree nuts, and berries farms	348	303	302	45	39	66
..... \$1,000	162,727	123,099	(D)	39,629	(D)	6,007
Sales of \$50,000 or more farms	204	176	176	28	25	20
..... \$1,000	161,161	121,762	121,762	39,398	(D)	5,549
Fruits and tree nuts farms	234	199	198	35	30	45
..... \$1,000	(D)	69,740	(D)	(D)	(D)	(D)
Sales of \$50,000 or more farms	147	124	124	23	21	16
..... \$1,000	94,079	68,777	68,777	25,301	(D)	4,397
Berries farms	152	133	133	19	18	32
..... \$1,000	(D)	53,359	53,359	(D)	(D)	(D)
Sales of \$50,000 or more farms	64	55	55	9	8	4
..... \$1,000	(D)	52,804	52,804	(D)	(D)	(D)
Nursery, greenhouse, floriculture, and sod (see text) farms	447	391	389	56	53	60
..... \$1,000	491,978	395,632	(D)	96,346	89,846	3,307
Sales of \$50,000 or more farms	318	277	275	41	38	11
..... \$1,000	489,847	393,715	(D)	96,133	89,633	2,687

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Total	Family or individual	Partnership	
			Total	Registered under State law
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.				
Total (see text) - Con.				
Total sales - Con.				
Cultivated Christmas trees and short rotation woody crops (see text) .....farms	774	627	78	59
.....\$1,000	28,732	11,899	9,240	8,981
Sales of \$50,000 or more .....farms	100	60	29	27
.....\$1,000	24,752	8,779	8,794	(D)
Cultivated Christmas trees (see text) .....farms	774	627	78	59
.....\$1,000	28,732	11,899	9,240	8,981
Sales of \$50,000 or more .....farms	100	60	29	27
.....\$1,000	24,752	8,779	8,794	(D)
Short rotation woody crops .....farms	-	-	-	-
.....\$1,000	-	-	-	-
Sales of \$50,000 or more .....farms	-	-	-	-
.....\$1,000	-	-	-	-
Other crops and hay (see text) .....farms	14,059	12,120	1,039	819
.....\$1,000	288,290	161,623	62,531	51,850
Sales of \$50,000 or more .....farms	998	570	216	182
.....\$1,000	205,982	92,983	54,757	45,341
Maple syrup .....farms	872	755	53	41
.....\$1,000	6,254	3,725	1,107	990
Sales of \$50,000 or more .....farms	28	15	5	4
.....\$1,000	3,142	1,258	705	(D)
Cattle and calves .....farms	9,539	7,958	954	738
.....\$1,000	628,397	339,349	158,297	143,845
Sales of \$50,000 or more .....farms	1,787	1,110	389	328
.....\$1,000	548,971	272,835	149,560	137,248
Milk from cows .....farms	1,652	1,088	381	306
.....\$1,000	1,786,057	755,778	544,318	471,727
Sales of \$50,000 or more .....farms	1,498	940	379	306
.....\$1,000	1,782,400	752,333	(D)	471,727
Hogs and pigs .....farms	2,441	2,085	192	137
.....\$1,000	608,555	189,548	133,014	125,597
Sales of \$50,000 or more .....farms	269	157	66	56
.....\$1,000	602,829	184,897	132,344	125,183
Sheep, goats, wool, mohair, and milk .....farms	2,741	2,474	124	84
.....\$1,000	14,796	11,259	1,499	(D)
Sales of \$50,000 or more .....farms	38	30	6	6
.....\$1,000	5,735	3,485	(D)	(D)
Horses, ponies, mules, burros, and donkeys (see text) .....farms	1,558	1,340	75	60
.....\$1,000	17,091	10,929	2,013	1,934
Sales of \$50,000 or more .....farms	73	43	13	13
.....\$1,000	7,723	3,652	1,632	1,632
Poultry and eggs .....farms	5,300	4,749	253	209
.....\$1,000	480,253	93,934	96,953	96,783
Sales of \$50,000 or more .....farms	88	46	22	22
.....\$1,000	474,074	(D)	96,516	96,516
Aquaculture .....farms	57	34	4	3
.....\$1,000	8,834	994	884	(D)
Sales of \$50,000 or more .....farms	24	8	3	3
.....\$1,000	8,536	779	(D)	(D)
Other animals and other animal products (see text) .....farms	1,626	1,398	71	61
.....\$1,000	32,700	11,856	4,697	4,689
Sales of \$50,000 or more .....farms	103	54	17	17
.....\$1,000	28,015	7,971	4,420	4,420
Value of- Government payments (see text) .....farms	15,350	12,273	1,663	1,385
.....\$1,000	167,189	104,106	37,388	33,174
Landlord's share of total sales (see text) .....farms	1,238	960	169	138
.....\$1,000	52,365	26,286	15,554	11,017
FOOD MARKETING PRACTICES (SEE TEXT)				
Food sold directly to -				
Consumers .....farms	5,669	4,846	360	286
.....\$1,000	90,677	50,607	15,482	13,727
Retail markets, institutions, and food hubs for local or regionally branded products (see text) .....farms	1,029	715	133	123
.....\$1,000	235,827	64,253	51,500	51,456
FARM PRODUCTION EXPENSES				
Total farm production expenses ¹ .....farms	47,641	40,523	3,246	2,620
.....\$1,000	7,208,181	3,185,320	1,812,228	1,618,946
Average per farm .....dollars	151,302	78,605	558,296	617,918
Fertilizer, lime, and soil conditioners purchased .....farms	25,277	20,445	2,449	2,017
.....\$1,000	592,379	315,394	163,060	137,344
Farms with expenses of- \$1 to \$4,999 .....farms	14,343	12,680	716	545
.....\$1,000	6,052	4,849	620	512
\$5,000 to \$24,999 .....farms	2,042	1,392	374	311
.....\$1,000	2,840	1,524	739	649
\$25,000 to \$49,999 .....farms	2,840	1,524	739	649
.....\$1,000	2,840	1,524	739	649
\$50,000 or more .....farms	2,840	1,524	739	649
.....\$1,000	2,840	1,524	739	649
Chemicals purchased .....farms	21,160	16,711	2,266	1,896
.....\$1,000	360,374	180,338	97,532	82,883
Farms with expenses of- \$1 to \$4,999 .....farms	12,912	11,220	787	619
.....\$1,000	5,049	3,761	695	590
.....\$1,000	5,049	3,761	695	590

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Corporation					Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.						
Total (see text) - Con.						
Total sales - Con.						
Cultivated Christmas trees and short rotation woody crops (see text) farms	62	53	53	9	9	7
\$1,000	7,583	(D)	(D)	(D)	(D)	11
Sales of \$50,000 or more farms	11	9	9	2	2	-
\$1,000	7,180	(D)	(D)	(D)	(D)	-
Cultivated Christmas trees (see text) farms	62	53	53	9	9	7
\$1,000	7,583	(D)	(D)	(D)	(D)	11
Sales of \$50,000 or more farms	11	9	9	2	2	-
\$1,000	7,180	(D)	(D)	(D)	(D)	-
Short rotation woody crops farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Other crops and hay (see text) farms	684	625	623	59	58	216
\$1,000	61,086	54,300	(D)	6,785	(D)	3,049
Sales of \$50,000 or more farms	205	188	187	17	17	7
\$1,000	56,439	50,021	(D)	6,418	6,418	1,803
Maple syrup farms	44	44	44	-	-	20
\$1,000	1,375	1,375	1,375	-	-	46
Sales of \$50,000 or more farms	8	8	8	-	-	-
\$1,000	1,179	1,179	1,179	-	-	-
Cattle and calves farms	509	479	470	30	29	118
\$1,000	123,424	105,269	(D)	18,155	(D)	7,327
Sales of \$50,000 or more farms	263	247	240	16	15	25
\$1,000	119,997	102,040	(D)	17,957	(D)	6,579
Milk from cows farms	169	162	162	7	6	14
\$1,000	439,541	400,147	400,147	39,395	(D)	46,421
Sales of \$50,000 or more farms	167	160	160	7	6	12
\$1,000	(D)	(D)	(D)	39,395	(D)	(D)
Hogs and pigs farms	108	88	88	20	14	56
\$1,000	(D)	265,324	265,324	(D)	(D)	(D)
Sales of \$50,000 or more farms	34	32	32	2	2	12
\$1,000	(D)	265,061	265,061	(D)	(D)	(D)
Sheep, goats, wool, mohair, and milk farms	93	73	73	20	14	50
\$1,000	1,823	1,696	1,696	127	124	214
Sales of \$50,000 or more farms	2	2	2	-	-	-
\$1,000	(D)	(D)	(D)	-	-	-
Horses, ponies, mules, burros, and donkeys (see text) farms	113	105	104	8	7	30
\$1,000	3,751	3,666	(D)	85	(D)	398
Sales of \$50,000 or more farms	17	17	17	-	-	-
\$1,000	2,439	2,439	2,439	-	-	-
Poultry and eggs farms	201	167	165	34	28	97
\$1,000	287,879	(D)	(D)	(D)	(D)	1,486
Sales of \$50,000 or more farms	18	16	14	2	2	2
\$1,000	287,524	(D)	(D)	(D)	(D)	(D)
Aquaculture farms	5	4	4	1	1	14
\$1,000	1,087	(D)	(D)	(D)	(D)	5,870
Sales of \$50,000 or more farms	3	2	2	1	1	10
\$1,000	(D)	(D)	(D)	(D)	(D)	(D)
Other animals and other animal products (see text) farms	110	91	90	19	19	47
\$1,000	(D)	8,707	(D)	(D)	(D)	(D)
Sales of \$50,000 or more farms	28	23	23	5	5	4
\$1,000	(D)	8,418	8,418	(D)	(D)	(D)
Value of-						
Government payments (see text) farms	1,090	1,004	988	86	85	324
\$1,000	23,147	21,827	21,471	1,320	(D)	2,548
Landlord's share of total sales (see text) farms	94	83	83	11	9	15
\$1,000	10,260	7,932	7,932	2,327	(D)	265
FOOD MARKETING PRACTICES (SEE TEXT)						
Food sold directly to -						
Consumers farms	372	318	318	54	51	91
\$1,000	23,212	20,379	20,379	2,834	(D)	1,375
Retail markets, institutions, and food hubs for local or regionally branded products (see text) farms	162	142	137	20	16	19
\$1,000	119,426	113,869	(D)	5,557	(D)	649
FARM PRODUCTION EXPENSES						
Total farm production expenses ¹ farms	2,880	2,540	2,508	340	317	992
\$1,000	2,104,403	1,884,844	1,796,271	219,559	186,644	106,230
Average per farm dollars	730,695	742,064	716,217	645,762	588,783	107,086
Fertilizer, lime, and soil conditioners purchased farms	1,985	1,786	1,765	199	190	398
\$1,000	110,035	100,343	97,973	9,692	(D)	3,890
Farms with expenses of-						
\$1 to \$4,999 farms	688	611	603	77	75	259
\$5,000 to \$24,999 farms	484	417	416	67	61	99
\$25,000 to \$49,999 farms	250	228	226	22	22	26
\$50,000 or more farms	563	530	520	33	32	14
Chemicals purchased farms	1,851	1,657	1,636	194	185	332
\$1,000	79,306	67,279	65,896	12,027	(D)	3,199
Farms with expenses of-						
\$1 to \$4,999 farms	682	586	575	96	94	223
\$5,000 to \$24,999 farms	517	466	465	51	46	76

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Total	Family or individual	Partnership	
			Total	Registered under State law
FARM PRODUCTION EXPENSES - Con.				
Total farm production expenses ¹ - Con.				
Chemicals purchased - Con.				
Farms with expenses of - Con.				
\$25,000 to \$49,999	1,509	933	320	273
\$50,000 or more	1,690	797	464	414
Seeds, plants, vines, and trees purchased	20,784	16,576	2,151	1,805
\$1,000	604,053	292,214	154,050	131,327
Farms with expenses of-				
\$1 to \$999	5,758	5,185	232	181
\$1,000 to \$4,999	4,492	3,894	287	232
\$5,000 to \$24,999	5,520	4,548	513	414
\$25,000 to \$49,999	2,033	1,375	365	323
\$50,000 or more	2,981	1,574	754	655
Cover crop seed purchased (see text)	4,189	3,195	507	435
\$1,000	9,812	5,096	2,902	2,762
Livestock and poultry purchased or leased	11,498	9,881	881	692
\$1,000	390,358	172,357	105,565	96,212
Farms with expenses of-				
\$1 to \$4,999	8,346	7,548	402	292
\$5,000 to \$24,999	1,882	1,538	209	162
\$25,000 to \$99,999	659	453	128	107
\$100,000 to \$249,999	295	184	52	48
\$250,000 or more	316	158	90	83
Breeding livestock purchased or leased	4,570	3,846	431	334
\$1,000	87,771	56,759	15,496	12,950
Other livestock and poultry purchased or leased (see text)	8,630	7,496	583	466
\$1,000	302,587	115,598	90,069	83,261
Feed purchased	22,882	19,912	1,476	1,159
\$1,000	1,269,333	490,188	311,713	285,039
Farms with expenses of-				
\$1 to \$4,999	16,153	14,771	590	421
\$5,000 to \$24,999	4,397	3,772	348	280
\$25,000 to \$99,999	1,147	770	206	174
\$100,000 to \$249,999	482	273	129	106
\$250,000 or more	703	326	203	178
Gasoline, fuels, and oils purchased	45,095	38,251	3,156	2,548
\$1,000	313,479	159,330	82,489	74,408
Farms with expenses of-				
\$1 to \$4,999	36,097	32,348	1,567	1,189
\$5,000 to \$24,999	6,460	4,693	861	716
\$25,000 to \$49,999	1,319	752	308	270
\$50,000 or more	1,219	458	420	373
Utilities	32,201	26,338	2,749	2,247
\$1,000	190,561	89,930	44,980	40,213
Farms with expenses of-				
\$1 to \$999	13,037	11,759	506	372
\$1,000 to \$4,999	13,346	11,204	1,031	805
\$5,000 to \$24,999	4,573	2,911	823	724
\$25,000 to \$49,999	648	277	194	172
\$50,000 or more	597	187	195	174
Repairs, supplies, and maintenance costs	39,756	33,287	3,029	2,463
\$1,000	524,438	270,848	121,092	107,302
Farms with expenses of-				
\$1 to \$4,999	26,275	23,521	1,132	864
\$5,000 to \$24,999	9,321	7,430	964	781
\$25,000 to \$49,999	2,120	1,401	362	308
\$50,000 or more	2,040	935	571	510
Hired farm labor	11,907	8,310	1,637	1,399
\$1,000	952,388	293,322	239,376	219,324
Farms with expenses of-				
\$1 to \$4,999	5,360	4,548	399	304
\$5,000 to \$24,999	2,464	1,825	319	267
\$25,000 to \$99,999	2,359	1,375	443	392
\$100,000 to \$249,999	986	356	261	245
\$250,000 or more	738	206	215	191
Contract labor	3,245	2,171	479	426
\$1,000	109,346	35,894	16,841	16,149
Farms with expenses of-				
\$1 to \$999	679	548	53	43
\$1,000 to \$4,999	1,001	725	119	101
\$5,000 to \$24,999	1,014	641	191	173
\$25,000 to \$49,999	235	145	35	32
\$50,000 or more	316	112	81	77
Customwork and custom hauling	9,567	7,545	1,064	867
\$1,000	165,370	69,669	40,727	37,625
Farms with expenses of-				
\$1 to \$999	2,733	2,426	159	105
\$1,000 to \$4,999	3,514	2,920	309	255
\$5,000 to \$24,999	2,318	1,685	328	278
\$25,000 to \$49,999	490	304	113	90
\$50,000 or more	512	210	155	139
Cash rent for land, buildings, and grazing fees	12,268	9,368	1,642	1,362
\$1,000	486,995	229,801	145,004	128,163

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Corporation				Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total		10 or less stockholders
FARM PRODUCTION EXPENSES - Con.						
Total farm production expenses ¹ - Con.						
Chemicals purchased - Con.						
Farms with expenses of - - Con.						
\$25,000 to \$49,999	239	226	226	13	12	
\$50,000 or more	413	379	370	34	33	
Seeds, plants, vines, and trees purchased farms	1,747	1,581	1,567	166	153	
\$1,000	153,171	134,169	132,798	19,002	18,808	
Farms with expenses of-						
\$1 to \$999	238	208	207	30	26	
\$1,000 to \$4,999	230	194	194	36	33	
\$5,000 to \$24,999	379	345	341	34	31	
\$25,000 to \$49,999	272	250	250	22	20	
\$50,000 or more	628	584	575	44	43	
Cover crop seed purchased (see text) farms	424	386	382	38	35	
\$1,000	1,696	1,650	(D)	45	(D)	
Livestock and poultry purchased or leased farms	554	490	481	64	57	
\$1,000	103,955	93,945	91,355	10,010	10,009	
Farms with expenses of-						
\$1 to \$4,999	265	226	226	39	32	
\$5,000 to \$24,999	101	82	78	19	19	
\$25,000 to \$99,999	76	75	73	1	1	
\$100,000 to \$249,999	51	49	48	2	2	
\$250,000 or more	61	58	56	3	3	
Breeding livestock purchased or leased farms	230	202	199	28	28	
\$1,000	(D)	10,530	10,414	(D)	(D)	
Other livestock and poultry purchased or leased (see text) farms	402	359	351	43	36	
\$1,000	(D)	83,415	80,941	(D)	(D)	
Feed purchased farms	1,124	1,006	994	118	110	
\$1,000	446,808	418,664	(D)	28,144	(D)	
Farms with expenses of-						
\$1 to \$4,999	540	480	477	60	53	
\$5,000 to \$24,999	212	179	176	33	33	
\$25,000 to \$99,999	145	130	130	15	15	
\$100,000 to \$249,999	66	64	64	2	2	
\$250,000 or more	161	153	147	8	7	
Gasoline, fuels, and oils purchased farms	2,798	2,467	2,444	331	309	
\$1,000	68,064	61,049	59,726	7,015	5,942	
Farms with expenses of-						
\$1 to \$4,999	1,421	1,214	1,208	207	192	
\$5,000 to \$24,999	801	720	712	81	79	
\$25,000 to \$49,999	242	230	225	12	11	
\$50,000 or more	334	303	299	31	27	
Utilities farms	2,509	2,232	2,203	277	263	
\$1,000	52,056	46,960	44,710	5,096	4,422	
Farms with expenses of-						
\$1 to \$999	520	427	420	93	86	
\$1,000 to \$4,999	856	759	750	97	97	
\$5,000 to \$24,999	764	711	704	53	50	
\$25,000 to \$49,999	163	149	147	14	13	
\$50,000 or more	206	186	182	20	17	
Repairs, supplies, and maintenance costs farms	2,687	2,379	2,348	308	285	
\$1,000	124,088	109,754	105,278	14,334	12,560	
Farms with expenses of-						
\$1 to \$4,999	1,080	928	915	152	136	
\$5,000 to \$24,999	767	678	669	89	85	
\$25,000 to \$49,999	336	306	304	30	30	
\$50,000 or more	504	467	460	37	34	
Hired farm labor farms	1,673	1,479	1,457	194	178	
\$1,000	400,742	353,227	333,608	47,515	40,780	
Farms with expenses of-						
\$1 to \$4,999	304	247	244	57	52	
\$5,000 to \$24,999	265	237	234	28	23	
\$25,000 to \$99,999	463	407	398	56	55	
\$100,000 to \$249,999	338	310	309	28	26	
\$250,000 or more	303	278	272	25	22	
Contract labor farms	503	440	438	63	60	
\$1,000	55,147	38,757	(D)	16,391	(D)	
Farms with expenses of-						
\$1 to \$999	65	60	60	5	5	
\$1,000 to \$4,999	130	111	111	19	19	
\$5,000 to \$24,999	148	134	134	14	12	
\$25,000 to \$49,999	47	41	41	6	6	
\$50,000 or more	113	94	92	19	18	
Customwork and custom hauling farms	789	708	699	81	75	
\$1,000	51,545	48,505	47,917	3,040	(D)	
Farms with expenses of-						
\$1 to \$999	109	97	95	12	9	
\$1,000 to \$4,999	220	182	182	38	38	
\$5,000 to \$24,999	258	241	237	17	17	
\$25,000 to \$49,999	66	61	61	5	4	
\$50,000 or more	136	127	124	9	7	
Cash rent for land, buildings, and grazing fees farms	1,125	1,016	1,003	109	106	
\$1,000	108,611	101,192	99,042	7,419	7,372	

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Total	Family or individual	Partnership	
			Total	Registered under State law
FARM PRODUCTION EXPENSES - Con.				
Total farm production expenses ¹ - Con.				
Cash rent for land, buildings, and grazing fees - Con.				
Farms with expenses of-				
\$1 to \$4,999	5,375	4,687	382	281
\$5,000 to \$9,999	1,603	1,271	209	159
\$10,000 to \$24,999	1,943	1,464	283	253
\$25,000 or more	3,347	1,946	768	669
Rent and lease expenses for machinery, equipment, and farm share of vehicles	3,900	2,775	557	488
\$1,000	54,493	22,975	15,798	14,712
Farms with expenses of-				
\$1 to \$999	1,311	1,115	104	78
\$1,000 to \$4,999	1,120	840	128	112
\$5,000 to \$24,999	964	589	186	168
\$25,000 to \$49,999	233	132	52	48
\$50,000 or more	272	99	87	82
Interest expense	16,660	13,178	1,733	1,465
\$1,000	297,871	163,092	71,835	64,802
Farms with expenses of-				
\$1 to \$4,999	7,977	6,816	510	397
\$5,000 to \$24,999	6,266	5,003	651	546
\$25,000 to \$99,999	1,895	1,143	400	368
\$100,000 or more	522	216	172	154
Secured by real estate	13,505	10,849	1,308	1,112
\$1,000	212,045	122,695	47,727	42,481
Farms with expenses of-				
\$1 to \$999	1,661	1,432	119	98
\$1,000 to \$4,999	4,864	4,236	262	207
\$5,000 to \$24,999	5,227	4,195	508	432
\$25,000 to \$49,999	890	537	192	170
\$50,000 or more	863	449	227	205
Not secured by real estate	9,651	7,410	1,177	1,006
\$1,000	85,827	40,397	24,109	22,322
Farms with expenses of-				
\$1 to \$999	2,908	2,516	188	155
\$1,000 to \$4,999	3,921	3,153	351	291
\$5,000 to \$24,999	2,167	1,432	444	379
\$25,000 to \$49,999	382	201	104	94
\$50,000 or more	273	108	90	87
Property taxes paid	45,697	39,030	3,075	2,463
\$1,000	250,626	174,304	38,691	32,229
Farms with expenses of-				
\$1 to \$4,999	33,243	29,880	1,461	1,115
\$5,000 to \$9,999	7,118	5,800	582	476
\$10,000 to \$24,999	3,944	2,666	642	535
\$25,000 or more	1,392	684	390	337
Medical supplies, veterinary, and custom services for livestock (see text)	16,114	13,679	1,227	974
\$1,000	101,203	41,770	27,017	24,032
Farms with expenses of-				
\$1 to \$4,999	14,254	12,593	819	620
\$5,000 to \$24,999	1,234	827	190	159
\$25,000 to \$49,999	282	139	93	83
\$50,000 to \$99,999	162	62	60	50
\$100,000 or more	182	58	65	62
All other production expenses (see text)	20,261	15,594	2,290	1,942
\$1,000	544,913	183,895	136,460	127,183
Farms with expenses of-				
\$1 to \$4,999	12,289	10,489	848	682
\$5,000 to \$24,999	5,165	3,719	721	614
\$25,000 to \$49,999	1,258	715	282	245
\$50,000 to \$99,999	784	373	206	186
\$100,000 or more	765	298	233	215
Production expenses paid by landlords ¹	648	464	104	89
\$1,000	11,510	5,818	2,932	2,430
Depreciation expenses claimed	20,933	16,382	2,222	1,856
\$1,000	743,296	380,425	183,308	158,108
NET CASH FARM INCOME (SEE TEXT)				
Net cash farm income of operations	47,641	40,523	3,246	2,620
\$1,000	1,496,660	657,992	424,345	374,260
Average per farm	31,415	16,238	130,728	142,847
Farms with net gains ²	21,009	16,810	2,103	1,732
Average net gain	95,516	59,885	228,637	245,322
Gain of-				
Less than \$1,000	1,520	1,374	70	45
\$1,000 to \$4,999	3,955	3,571	161	127
\$5,000 to \$9,999	2,764	2,434	146	112
\$10,000 to \$24,999	3,887	3,373	256	198
\$25,000 to \$49,999	2,581	2,115	237	199
\$50,000 or more	6,302	3,943	1,233	1,051
Farms with net losses	26,632	23,713	1,143	888
Average net loss	19,151	14,704	49,412	57,025

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Corporation					Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
FARM PRODUCTION EXPENSES - Con.						
Total farm production expenses ¹ - Con.						
Cash rent for land, buildings, and grazing fees - Con.						
Farms with expenses of-						
\$1 to \$4,999	240	199	197	41	41	66
\$5,000 to \$9,999	108	99	98	9	9	15
\$10,000 to \$24,999	176	159	158	17	15	20
\$25,000 or more	601	559	550	42	41	32
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms	500	442	439	58	57	68
\$1,000	14,950	13,703	(D)	1,247	(D)	771
Farms with expenses of-						
\$1 to \$999	68	63	62	5	5	24
\$1,000 to \$4,999	132	117	117	15	15	20
\$5,000 to \$24,999	173	148	147	25	25	16
\$25,000 to \$49,999	46	41	41	5	5	3
\$50,000 or more	81	73	72	8	7	5
Interest expense farms	1,497	1,331	1,316	166	160	252
\$1,000	58,908	53,153	50,716	5,755	5,179	4,036
Farms with expenses of-						
\$1 to \$4,999	520	456	455	64	64	131
\$5,000 to \$24,999	522	467	461	55	52	90
\$25,000 to \$99,999	331	294	290	37	35	21
\$100,000 or more	124	114	110	10	9	10
Secured by real estate farms	1,130	1,002	991	128	123	218
\$1,000	38,275	34,415	32,366	3,859	(D)	3,349
Farms with expenses of-						
\$1 to \$999	78	62	61	16	15	32
\$1,000 to \$4,999	282	255	255	27	27	84
\$5,000 to \$24,999	448	391	386	57	54	76
\$25,000 to \$49,999	148	134	134	14	14	13
\$50,000 or more	174	160	155	14	13	13
Not secured by real estate farms	941	835	825	106	102	123
\$1,000	20,633	18,737	18,350	1,896	(D)	687
Farms with expenses of-						
\$1 to \$999	179	156	154	23	23	25
\$1,000 to \$4,999	342	299	297	43	43	75
\$5,000 to \$24,999	274	245	243	29	25	17
\$25,000 to \$49,999	73	66	64	7	7	4
\$50,000 or more	73	69	67	4	4	2
Property taxes paid farms	2,703	2,389	2,358	314	291	889
\$1,000	31,913	28,720	(D)	3,192	2,799	5,718
Farms with expenses of-						
\$1 to \$4,999	1,279	1,090	1,076	189	171	623
\$5,000 to \$9,999	579	537	533	42	41	157
\$10,000 to \$24,999	550	485	481	65	64	86
\$25,000 or more	295	277	268	18	15	23
Medical supplies, veterinary, and custom services for livestock (see text) farms	950	857	845	93	91	258
\$1,000	30,280	27,230	26,743	3,051	(D)	2,136
Farms with expenses of-						
\$1 to \$4,999	618	550	544	68	68	224
\$5,000 to \$24,999	198	182	181	16	16	19
\$25,000 to \$49,999	44	40	37	4	4	6
\$50,000 to \$99,999	34	33	33	1	1	6
\$100,000 or more	56	52	50	4	2	3
All other production expenses (see text) farms	1,986	1,782	1,760	204	191	391
\$1,000	214,824	188,195	(D)	26,629	(D)	9,734
Farms with expenses of-						
\$1 to \$4,999	678	582	573	96	89	274
\$5,000 to \$24,999	648	592	587	56	55	77
\$25,000 to \$49,999	245	232	229	13	13	16
\$50,000 to \$99,999	193	182	182	11	11	12
\$100,000 or more	222	194	189	28	23	12
Production expenses paid by landlords ¹ farms	66	55	55	11	11	14
\$1,000	2,603	2,312	2,312	291	291	157
Depreciation expenses claimed farms	1,958	1,753	1,734	205	188	371
\$1,000	167,285	149,145	140,132	18,139	15,439	12,278
NET CASH FARM INCOME (SEE TEXT)						
Net cash farm income of operations farms	2,880	2,540	2,508	340	317	992
\$1,000	390,706	349,938	(D)	40,768	(D)	23,618
Average per farm dollars	135,662	137,771	(D)	119,905	(D)	23,808
Farms with net gains ² number	1,656	1,477	1,459	179	166	440
Average net gain dollars	289,043	289,249	284,550	287,342	252,834	92,137
Gain of-						
Less than \$1,000	45	41	40	4	4	31
\$1,000 to \$4,999	130	109	109	21	15	93
\$5,000 to \$9,999	104	88	88	16	16	80
\$10,000 to \$24,999	167	140	140	27	26	91
\$25,000 to \$49,999	185	168	163	17	17	44
\$50,000 or more	1,025	931	919	94	88	101
Farms with net losses number	1,224	1,063	1,049	161	151	552
Average net loss dollars	71,854	72,703	(D)	66,251	(D)	30,657

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Total	Family or individual	Partnership	
			Total	Registered under State law
NET CASH FARM INCOME (SEE TEXT) - Con.				
Net cash farm income of operations - Con.				
Farms with net losses - Con.				
Loss of-				
Less than \$1,000	1,964	1,791	101	64
\$1,000 to \$4,999	8,098	7,470	228	158
\$5,000 to \$9,999	6,171	5,691	168	139
\$10,000 to \$24,999	6,605	5,966	266	198
\$25,000 to \$49,999	2,046	1,686	141	116
\$50,000 or more	1,748	1,109	239	213
Net cash farm income of producers (see text) .....farms	47,641	40,523	3,246	2,620
Average per farm .....farms	\$1,000	597,973	397,824	354,153
Producers reporting net gains ² (see text) .....farms	20,859	16,698	2,081	1,714
Average net gain .....dollars	91,840	57,147	219,762	237,145
Gain of-				
Less than \$1,000	1,519	1,374	68	44
\$1,000 to \$4,999	3,929	3,549	156	122
\$5,000 to \$9,999	2,774	2,445	146	112
\$10,000 to \$24,999	3,902	3,385	258	199
\$25,000 to \$49,999	2,572	2,109	235	198
\$50,000 or more	6,163	3,836	1,218	1,039
Producers reporting net losses (see text) .....farms	26,782	23,825	1,165	906
Average net loss .....dollars	19,632	14,954	51,074	57,740
Loss of-				
Less than \$1,000	1,976	1,808	98	63
\$1,000 to \$4,999	8,122	7,487	234	159
\$5,000 to \$9,999	6,215	5,729	175	147
\$10,000 to \$24,999	6,601	5,965	260	194
\$25,000 to \$49,999	2,059	1,693	151	125
\$50,000 or more	1,809	1,143	247	218
COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)				
Total .....farms	451	308	91	78
Average per farm .....\$1,000	52,640	27,671	16,004	14,909
INCOME FROM FARM-RELATED SOURCES				
Total income from farm-related sources .....farms	19,796	15,997	1,774	1,479
Average per farm .....\$1,000	316,717	187,326	55,248	50,562
Customwork and other agricultural services .....farms	2,730	2,047	384	328
Average per farm .....\$1,000	55,394	32,288	14,465	13,367
Gross cash rent or share payments .....farms	8,104	6,907	453	375
Average per farm .....\$1,000	86,474	62,107	9,237	8,231
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products .....farms	1,836	1,516	149	116
Average per farm .....\$1,000	16,373	12,429	2,027	1,841
Agri-tourism and recreational services .....farms	754	549	78	72
Average per farm .....\$1,000	20,989	7,046	3,196	3,192
Patronage dividends and refunds from cooperatives .....farms	7,139	5,320	978	842
Average per farm .....\$1,000	29,647	14,762	8,028	7,118
Crop and livestock insurance payments received .....farms	2,201	1,616	325	278
Average per farm .....\$1,000	44,560	27,259	8,352	7,406
Amount from State and local government agricultural program payments .....farms	464	353	69	59
Average per farm .....\$1,000	3,209	1,847	1,037	941
Other farm-related income sources (see text) .....farms	3,055	2,426	260	223
Average per farm .....\$1,000	60,070	29,588	8,905	8,466
LAND USE				
Total cropland .....farms	40,597	34,184	3,012	2,452
Average per farm .....acres	7,924,480	4,802,597	1,881,198	1,602,793
Harvested cropland .....farms	35,147	29,355	2,844	2,311
Average per farm .....acres	7,214,667	4,294,106	1,780,582	1,519,061
Farms by acres harvested:				
1 to 49 acres	19,624	17,357	856	691
50 to 99 acres	4,425	3,891	253	176
100 to 199 acres	3,607	3,046	304	225
200 to 499 acres	3,662	2,906	443	359
500 to 999 acres	2,056	1,274	473	405
1,000 to 1,999 acres	1,228	674	300	260
2,000 acres or more	545	207	215	195
Cropland-				
Other pasture and grazing land that could have been used for crops without additional improvements .....farms	3,406	2,949	224	157
Average per farm .....acres	97,239	72,480	13,876	10,487
On which all crops failed or were abandoned .....farms	2,757	2,302	239	186
Average per farm .....acres	86,579	62,313	15,654	12,599
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed .....farms	11,091	9,190	787	646
Average per farm .....acres	441,772	306,025	62,819	53,131
In summer fallow (see text) .....farms	3,207	2,702	247	208
Average per farm .....acres	84,223	67,673	8,267	7,515

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Corporation					Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
NET CASH FARM INCOME (SEE TEXT) - Con.						
Net cash farm income of operations - Con.						
Farms with net losses - Con.						
Loss of-						
Less than \$1,000	35	25	25	10	10	37
\$1,000 to \$4,999	226	202	193	24	21	174
\$5,000 to \$9,999	222	193	192	29	26	90
\$10,000 to \$24,999	239	202	202	37	35	134
\$25,000 to \$49,999	177	142	141	35	35	42
\$50,000 or more	325	299	296	26	24	75
Net cash farm income of producers (see text) farms	2,880	2,540	2,508	340	317	992
\$1,000	371,902	333,639	(D)	38,262	(D)	22,206
Average per farm dollars	129,133	131,354	(D)	112,536	(D)	22,385
Producers reporting net gains ² (see text) farms	1,640	1,462	1,444	178	165	440
Average net gain dollars	283,470	284,011	279,305	279,024	244,197	89,144
Gain of-						
Less than \$1,000	46	40	39	6	6	31
\$1,000 to \$4,999	131	112	112	19	13	93
\$5,000 to \$9,999	103	87	87	16	16	80
\$10,000 to \$24,999	166	139	139	27	26	93
\$25,000 to \$49,999	185	168	163	17	17	43
\$50,000 or more	1,009	916	904	93	87	100
Producers reporting net losses (see text) farms	1,240	1,078	1,064	162	152	552
Average net loss dollars	74,991	75,681	(D)	70,395	(D)	30,828
Loss of-						
Less than \$1,000	33	23	23	10	10	37
\$1,000 to \$4,999	228	204	195	24	21	173
\$5,000 to \$9,999	222	195	194	27	24	89
\$10,000 to \$24,999	242	204	204	38	36	134
\$25,000 to \$49,999	172	138	137	34	34	43
\$50,000 or more	343	314	311	29	27	76
COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)						
Total farms	49	47	47	2	2	3
\$1,000	(D)	8,162	8,162	(D)	(D)	(D)
INCOME FROM FARM-RELATED SOURCES						
Total income from farm-related sources farms	1,570	1,419	1,398	151	139	455
\$1,000	65,147	57,507	56,351	7,640	4,007	8,995
Customwork and other agricultural services farms	269	248	245	21	20	30
\$1,000	8,346	8,048	(D)	299	(D)	294
Gross cash rent or share payments farms	439	403	392	36	33	305
\$1,000	11,020	10,603	10,114	418	(D)	4,110
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products farms	131	125	125	6	6	40
\$1,000	1,616	1,610	1,610	6	6	300
farms	98	91	91	7	5	29
\$1,000	9,360	5,896	5,896	3,463	(D)	1,388
farms	763	696	686	67	59	78
\$1,000	6,643	5,900	(D)	743	(D)	214
farms	231	218	216	13	9	29
\$1,000	8,114	7,047	(D)	1,067	(D)	835
Amount from State and local government agricultural program payments farms	29	26	26	3	-2	13
\$1,000	283	275	275	8	(D)	41
farms	321	287	286	34	34	48
\$1,000	19,764	18,129	(D)	1,635	1,635	1,813
LAND USE						
Total cropland farms	2,557	2,254	2,229	303	282	844
acres	1,148,973	1,058,685	1,046,015	90,288	86,239	91,712
Harvested cropland farms	2,338	2,080	2,063	258	237	610
acres	1,071,027	988,759	977,389	82,268	(D)	68,952
Farms by acres harvested:						
1 to 49 acres	1,010	868	863	142	126	401
50 to 99 acres	217	186	186	31	31	64
100 to 199 acres	178	155	154	23	20	79
200 to 499 acres	285	264	261	21	21	28
500 to 999 acres	286	266	263	20	19	23
1,000 to 1,999 acres	242	231	227	11	11	12
2,000 acres or more	120	110	109	10	9	3
Cropland-						
Other pasture and grazing land that could have been used for crops without additional improvements farms	184	158	157	26	26	49
acres	9,871	8,940	(D)	931	931	1,012
On which all crops failed or were abandoned farms	177	160	158	17	17	39
acres	7,084	5,584	(D)	1,500	1,500	1,528
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed farms	780	683	670	97	95	334
acres	55,253	50,451	(D)	4,802	(D)	17,675
farms	183	155	155	28	28	75
In summer fallow (see text) farms	183	155	155	28	28	75
acres	5,738	4,951	4,951	787	787	2,545

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Total	Family or individual	Partnership	
			Total	Registered under State law
LAND USE - Con.				
Total woodland	24,339 farms	20,914	1,605	1,295
.....	acres 975,652	735,117	105,465	92,469
Woodland pastured	farms 3,772	3,363	194	149
.....	acres 85,275	60,867	9,772	8,595
Woodland not pastured	farms 22,448	19,203	1,526	1,244
.....	acres 890,377	674,250	95,693	83,874
Permanent pasture and rangeland, other than cropland and woodland pastured	farms 17,476	15,519	921	694
.....	acres 341,391	270,400	34,407	26,848
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.	farms 32,103	27,402	2,109	1,668
.....	acres 522,567	373,399	70,077	58,966
Irrigated land	farms 5,153	3,416	685	610
.....	acres 670,212	294,473	222,362	203,008
Harvested cropland	farms 4,914	3,229	660	593
.....	acres 666,976	292,485	221,760	202,509
Pastureland and other land	farms 316	248	30	22
.....	acres 3,236	1,988	602	499
CONSERVATION AND CROP INSURANCE				
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs	farms 4,478	3,665	345	279
.....	acres 129,038	106,468	10,476	6,375
Land enrolled in crop insurance programs	farms 8,834	6,383	1,334	1,122
.....	acres 4,549,417	2,507,550	1,250,137	1,055,056
ORGANIC AGRICULTURE				
Total organic product sales	farms 646	486	73	58
.....	\$1,000 176,069	45,244	21,368	13,674
VALUE OF LAND AND BUILDINGS				
Estimated market value of land and buildings	farms 47,641	40,523	3,246	2,620
.....	\$1,000 48,385,690	30,074,479	10,268,349	8,827,057
Average per farm	dollars 1,015,631	742,158	3,163,385	3,369,106
Average per acre	dollars 4,955	4,865	4,910	4,956
Farms by value group:				
\$1 to \$49,999	2,803	2,483	120	91
\$50,000 to \$99,999	3,608	3,273	140	104
\$100,000 to \$199,999	8,893	8,129	298	238
\$200,000 to \$499,999	16,453	14,796	621	465
\$500,000 to \$999,999	6,887	5,800	446	356
\$1,000,000 to \$1,999,999	3,748	2,936	440	353
\$2,000,000 to \$4,999,999	3,217	2,091	621	515
\$5,000,000 to \$9,999,999	1,366	743	332	293
\$10,000,000 or more	666	272	228	205
VALUE OF MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment	farms 47,637	40,521	3,246	2,620
.....	\$1,000 7,371,356	4,573,437	1,556,067	1,361,509
Farms by value group:				
\$1 to \$4,999	2,977	2,661	130	89
\$5,000 to \$9,999	3,761	3,401	125	90
\$10,000 to \$19,999	6,473	5,789	276	194
\$20,000 to \$49,999	12,446	11,287	435	326
\$50,000 to \$99,999	8,333	7,371	404	323
\$100,000 to \$199,999	5,550	4,638	448	361
\$200,000 to \$499,999	4,513	3,411	519	427
\$500,000 or more	3,584	1,963	909	810
SELECTED MACHINERY AND EQUIPMENT				
Trucks, including pickups	farms 36,665	30,876	2,728	2,219
.....	number 75,227	55,338	10,089	8,633
Tractors, all	farms 39,667	33,510	2,931	2,372
.....	number 119,056	91,981	14,266	11,954
Less than 40 horsepower (PTO)	farms 21,371	18,248	1,444	1,141
.....	number 32,779	27,149	2,729	2,164
40 to 99 horsepower (PTO)	farms 27,616	23,132	2,171	1,763
.....	number 50,072	39,848	4,986	4,128
100 horsepower (PTO) or more	farms 15,281	12,002	1,830	1,531
.....	number 36,205	24,984	6,551	5,662
Grain and bean combines, self-propelled	farms 10,496	8,110	1,451	1,217
.....	number 12,046	9,188	1,756	1,472
Cotton pickers and strippers, self-propelled	farms -	-	-	-
.....	number -	-	-	-
Forage harvesters, self-propelled	farms 1,818	1,314	330	272
.....	number 1,989	1,438	360	296
Hay balers	farms 15,006	12,938	1,207	936
.....	number 19,507	16,699	1,670	1,299

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Corporation					Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
LAND USE - Con.						
Total woodland farms	1,301	1,172	1,164	129	119	519
..... acres	88,896	80,963	78,842	7,933	6,544	46,174
Woodland pastured farms	150	128	127	22	14	65
..... acres	10,261	9,096	(D)	1,165	(D)	4,375
Woodland not pastured farms	1,226	1,113	1,106	113	110	493
..... acres	78,635	71,867	(D)	6,768	(D)	41,799
Permanent pasture and rangeland, other than cropland and woodland pastured farms	740	640	637	100	91	296
..... acres	27,020	20,689	(D)	6,331	3,984	9,564
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	1,906	1,690	1,667	216	207	686
..... acres	50,672	44,759	(D)	5,913	5,579	28,419
Irrigated land farms	897	793	787	104	93	155
..... acres	147,975	134,481	132,102	13,494	12,662	5,402
Harvested cropland farms	873	770	764	103	92	152
..... acres	(D)	134,248	131,869	(D)	(D)	(D)
Pastureland and other land farms	32	31	31	1	1	6
..... acres	(D)	233	233	(D)	(D)	(D)
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs farms	310	277	270	33	33	158
..... acres	6,216	5,329	4,933	887	887	5,878
Land enrolled in crop insurance programs farms	1,004	919	905	85	80	113
..... acres	753,333	703,158	696,116	50,175	(D)	38,397
ORGANIC AGRICULTURE						
Total organic product sales farms	70	67	67	3	3	17
..... \$1,000	(D)	(D)	(D)	118	118	(D)
VALUE OF LAND AND BUILDINGS						
Estimated market value of land and buildings farms	2,880	2,540	2,508	340	317	992
..... \$1,000	7,141,911	6,436,938	6,348,313	704,973	653,380	900,951
Average per farm dollars	2,479,830	2,534,227	2,531,225	2,073,451	2,061,137	908,217
Average per acre dollars	5,429	5,341	5,342	6,382	6,384	5,123
Farms by value group:						
\$1 to \$49,999 farms	139	113	109	26	21	61
..... \$50,000 to \$99,999	96	79	79	17	17	99
..... \$100,000 to \$199,999	293	258	256	35	29	173
..... \$200,000 to \$499,999	708	594	585	114	111	328
..... \$500,000 to \$999,999	465	416	412	49	47	176
..... \$1,000,000 to \$1,999,999	307	274	271	33	31	65
..... \$2,000,000 to \$4,999,999	449	418	413	31	29	56
..... \$5,000,000 to \$9,999,999	271	255	253	16	15	20
..... \$10,000,000 or more	152	133	130	19	17	14
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment farms	2,880	2,540	2,508	340	317	990
..... \$1,000	1,144,084	1,036,138	1,017,323	107,946	97,703	97,768
Farms by value group:						
\$1 to \$4,999 farms	118	93	91	25	14	68
..... \$5,000 to \$9,999	130	102	102	28	28	105
..... \$10,000 to \$19,999	237	202	194	35	31	171
..... \$20,000 to \$49,999	457	391	388	66	65	267
..... \$50,000 to \$99,999	402	358	354	44	44	156
..... \$100,000 to \$199,999	375	333	332	42	40	89
..... \$200,000 to \$499,999	482	443	439	39	36	101
..... \$500,000 or more	679	618	608	61	59	33
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups farms	2,426	2,147	2,126	279	262	635
..... number	8,625	7,598	7,446	1,027	913	1,175
Tractors, all farms	2,502	2,206	2,186	296	280	724
..... number	10,958	9,897	9,762	1,061	950	1,851
Less than 40 horsepower (PTO) farms	1,292	1,142	1,129	150	140	387
..... number	2,334	2,079	2,060	255	240	567
40 to 99 horsepower (PTO) farms	1,770	1,577	1,562	193	178	543
..... number	4,393	3,885	3,818	508	446	845
100 horsepower (PTO) or more farms	1,254	1,132	1,121	122	108	195
..... number	4,231	3,933	3,884	298	264	439
Grain and bean combines, self-propelled farms	822	755	747	67	67	113
..... number	979	888	879	91	91	123
Cotton pickers and strippers, self-propelled farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	151	128	128	23	22	23
..... number	165	139	139	26	(D)	26
Hay balers farms	665	608	603	57	56	196
..... number	886	806	801	80	(D)	252

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Total	Family or individual	Partnership	
			Total	Registered under State law
FERTILIZERS AND CHEMICALS				
Commercial fertilizer, lime, and soil conditioners used .....farms	22,234	17,810	2,336	1,933
.....acres treated	5,515,923	3,213,041	1,366,641	1,194,146
Manure used .....farms	9,687	8,023	908	730
.....acres treated	825,365	439,124	231,595	198,406
Organic fertilizer used (see text) .....farms	1,401	1,103	136	108
.....acres treated	82,256	55,309	18,302	14,420
Acres treated to control-				
Insects .....farms	8,158	5,706	1,198	1,060
.....acres	2,171,602	1,074,929	645,236	554,363
Weeds, grass, or brush .....farms	17,875	14,004	2,047	1,713
.....acres	5,919,857	3,404,913	1,533,745	1,303,381
Nematodes .....farms	1,573	1,077	265	230
.....acres	407,101	227,576	107,269	89,245
Diseases in crops and orchards .....farms	4,573	3,043	710	621
.....acres	944,112	420,742	281,459	237,816
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms	1,490	910	235	212
.....acres on which used	281,266	123,550	77,513	71,377
LAND USE PRACTICES				
Land drained by tile .....farms	12,704	10,035	1,374	1,136
.....acres	3,029,891	1,708,138	758,349	659,158
Land artificially drained by ditches .....farms	8,363	6,889	746	605
.....acres	1,055,439	641,493	216,523	186,797
Land under conservation easement .....farms	974	708	111	80
.....acres	72,425	40,622	16,355	14,354
Cropland on which no-till practices were used .....farms	8,174	6,379	987	814
.....acres	1,566,334	994,339	377,426	297,770
Cropland on which reduced tillage, excluding no till, practices were used (see text) .....farms	7,720	5,901	1,003	833
.....acres	2,297,131	1,283,424	627,622	536,709
Cropland on which intensive tillage practices were used (see text) .....farms	11,727	9,607	1,128	936
.....acres	2,343,703	1,354,560	597,495	534,061
Cropland planted to a cover crop (excluding CRP) .....farms	6,275	4,750	717	607
.....acres	673,205	349,756	178,029	161,931
RENEWABLE ENERGY				
Renewable energy producing systems .....farms	3,689	3,081	269	227
Solar panels .....farms	1,589	1,343	106	83
Wind turbines .....farms	625	460	69	57
Methane digesters .....farms	16	13	-	-
Geothermal/geoexchange systems (see text) .....farms	1,464	1,261	90	82
Small hydro systems .....farms	36	28	2	2
Biodiesel production systems (see text) .....farms	53	43	2	1
Ethanol production systems (see text) .....farms	53	39	10	9
Other .....farms	236	189	18	14
Wind rights leased to others .....farms	1,519	1,184	157	136
TENURE				
Full owners .....farms	32,208	28,340	1,422	1,117
Part owners .....farms	13,383	10,608	1,619	1,320
Tenants .....farms	2,050	1,575	205	183
OWNED AND RENTED LAND				
Land owned .....farms	45,709	39,036	3,059	2,454
.....acres	6,377,759	4,361,697	1,078,968	919,946
Owned land in farms .....farms	45,591	38,948	3,041	2,437
.....acres	5,758,976	3,884,903	1,031,818	878,590
Land rented or leased from others .....farms	15,551	12,281	1,830	1,509
.....acres	4,040,596	2,316,139	1,070,366	912,989
Rented or leased land in farms .....farms	15,433	12,183	1,824	1,503
.....acres	4,005,114	2,296,610	1,059,329	902,486
Land rented or leased to others .....farms	8,659	7,401	464	385
.....acres	654,265	496,323	58,187	51,859
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT)				
Total producers (see text)	80,432	64,943	7,489	6,129
Farms by number of producers:				
1 producer	21,709	19,648	602	478
2 producers	21,735	18,493	1,686	1,320
3 producers	2,563	1,572	545	480
4 producers	1,167	600	306	244
5 or more producers	467	210	107	98
Total male producers (see text)	51,989	41,162	5,543	4,547
Farms by number of male producers:				
1 producer	37,927	34,083	1,387	1,086
2 producers	4,548	2,547	1,305	1,057
3 producers	1,098	485	349	303
4 producers	235	84	79	70
5 or more producers	115	37	28	24

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Corporation					Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
FERTILIZERS AND CHEMICALS						
Commercial fertilizer, lime, and soil conditioners used	farms 1,756	1,577	1,557	179	170	332
	acres treated 887,055	821,299	810,252	65,756	62,454	49,186
Manure used	farms 619	565	559	54	54	137
	acres treated 146,219	139,408	138,433	6,811	6,811	8,427
Organic fertilizer used (see text)	farms 127	116	115	11	10	35
	acres treated 8,075	5,342	(D)	2,733	(D)	570
Acres treated to control-						
Insects	farms 1,123	1,017	1,000	106	97	131
	acres 435,827	404,677	399,498	31,150	(D)	15,610
Weeds, grass, or brush	farms 1,558	1,401	1,387	157	149	266
	acres 927,706	857,436	846,024	70,270	(D)	53,493
Nematodes	farms 203	178	177	25	21	28
	acres 67,751	62,225	(D)	5,526	(D)	4,505
Diseases in crops and orchards	farms 754	677	669	77	70	66
	acres 234,905	216,919	212,767	17,986	(D)	7,006
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms 328	295	292	33	29	17
	acres on which used 79,039	69,738	69,093	9,301	(D)	1,164
LAND USE PRACTICES						
Land drained by tile	farms 1,063	973	964	90	85	232
	acres 529,175	501,618	494,006	27,557	26,618	34,229
Land artificially drained by ditches	farms 573	479	476	94	91	155
	acres 182,452	164,587	(D)	17,865	17,601	14,971
Land under conservation easement	farms 105	86	85	19	18	50
	acres 10,317	9,218	(D)	1,099	(D)	5,131
Cropland on which no-till practices were used	farms 660	594	589	66	63	148
	acres 175,427	162,461	161,236	12,966	12,963	19,142
Cropland on which reduced tillage, excluding no till, practices were used (see text)	farms 673	627	620	46	46	143
	acres 361,323	342,003	337,386	19,320	19,320	24,762
Cropland on which intensive tillage practices were used (see text)	farms 818	726	716	92	92	174
	acres 379,016	356,943	352,393	22,073	22,073	12,632
Cropland planted to a cover crop (excluding CRP)	farms 668	600	594	68	65	140
	acres 139,622	135,611	133,846	4,011	(D)	5,798
RENEWABLE ENERGY						
Renewable energy producing systems	farms 280	246	242	34	24	59
Solar panels	farms 121	104	103	17	7	19
Wind turbines	farms 84	76	76	8	8	12
Methane digesters	farms 2	2	2	-	-	1
Geothermal/geoexchange systems (see text)	farms 87	77	74	10	10	26
Small hydro systems	farms 4	4	4	-	-	2
Biodiesel production systems (see text)	farms 6	6	6	-	-	2
Ethanol production systems (see text)	farms 3	3	3	-	-	1
Other	farms 21	20	20	1	1	8
Wind rights leased to others	farms 151	137	137	14	14	27
TENURE						
Full owners	farms 1,638	1,422	1,403	216	200	808
Part owners	farms 1,014	930	920	84	79	142
Tenants	farms 228	188	185	40	38	42
OWNED AND RENTED LAND						
Land owned	farms 2,661	2,359	2,330	302	279	953
	acres 756,588	690,182	679,574	66,406	60,656	180,506
Owned land in farms	farms 2,652	2,352	2,323	300	279	950
	acres 701,569	638,336	629,213	63,233	(D)	140,686
Land rented or leased from others	farms 1,251	1,127	1,114	124	117	189
	acres 618,241	570,950	562,970	47,291	(D)	35,850
Rented or leased land in farms	farms 1,242	1,118	1,105	124	117	184
	acres 613,992	566,760	559,195	47,232	(D)	35,183
Land rented or leased to others	farms 472	430	418	42	38	322
	acres 59,268	56,036	54,136	3,232	(D)	40,487
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT)						
Total producers (see text)	6,145	5,417	5,301	728	639	1,855
Farms by number of producers:						
1 producer	994	827	818	167	162	465
2 producers	1,172	1,080	1,071	92	91	384
3 producers	364	325	321	39	31	82
4 producers	232	215	214	17	15	29
5 or more producers	118	93	84	25	18	32
Total male producers (see text)						
	4,157	3,634	3,555	523	468	1,127
Farms by number of male producers:						
1 producer	1,738	1,552	1,537	186	176	719
2 producers	600	530	527	70	69	96
3 producers	232	212	209	20	16	32
4 producers	64	60	53	4	4	8
5 or more producers	41	24	21	17	12	9

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Total	Family or individual	Partnership	
			Total	Registered under State law
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT) - Con.				
Total producers (see text) - Con.				
Total female producers (see text)	28,443	23,781	1,946	1,582
Farms by number of female producers:				
1 producer	24,212	21,227	1,218	964
2 producers	1,622	1,024	280	234
3 producers	200	115	31	25
4 producers	63	27	13	13
5 or more producers	22	10	3	3
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT)				
Sex of producers:				
Male	51,449	41,004	5,422	4,441
Female	27,955	23,586	1,839	1,485
Hired managers (see text)	4,499	1,369	1,022	946
Primary occupation:				
Farming	34,706	25,990	4,518	3,758
Other	44,698	38,600	2,743	2,168
Place of residence:				
On farm operated	63,913	54,548	4,820	3,811
Not on farm operated	15,491	10,042	2,441	2,115
Days of work off farm:				
None	33,132	25,572	3,861	3,198
Any	46,272	39,018	3,400	2,728
1 to 49 days	6,652	5,415	571	444
50 to 99 days	3,277	2,731	234	174
100 to 199 days	5,906	4,983	395	330
200 days or more	30,437	25,889	2,200	1,780
Years on present farm:				
2 years or less	4,559	3,756	268	249
3 or 4 years	5,759	4,696	481	409
5 to 9 years	11,170	9,048	1,079	952
10 years or more	57,916	47,090	5,433	4,316
Average years on present farm	22.7	22.6	24.7	24.1
Years operating any farm (see text):				
5 years or less	10,752	8,893	763	662
6 to 10 years	9,496	7,688	899	772
11 years or more	59,156	48,009	5,599	4,492
Average years on any farm	24.6	24.4	26.9	26.5
Age group:				
Under 25 years	1,488	1,205	138	102
25 to 34 years	5,697	4,499	613	517
35 to 44 years	9,612	7,679	925	786
45 to 54 years	14,706	11,916	1,414	1,175
55 to 64 years	23,131	18,826	2,060	1,689
65 to 74 years	16,495	13,573	1,384	1,101
75 years and over	8,275	6,892	727	556
Average age	56.6	56.8	55.9	55.5
Young producers (see text)	8,012	6,376	811	673
Producers of Hispanic, Latino, or Spanish origin	1,024	876	72	37
Producers by race:				
American Indian or Alaska Native	351	278	19	16
Asian	155	127	9	2
Black or African American	342	289	6	6
Native Hawaiian or Other Pacific Islander	8	8	-	-
White	78,010	63,447	7,187	5,866
More than one race reported	538	441	40	36
Military service (see text):				
Never served	71,988	58,276	6,731	5,508
Served	7,416	6,314	530	418
Number of persons living in producers' households (see text)	158,308	125,688	16,529	13,616
On farm involvement in decisionmaking (see text):				
Day-to-day decisions	69,711	57,081	6,256	5,089
Land use and/or crop decisions	60,124	48,814	5,714	4,627
Livestock decisions	42,028	35,709	3,331	2,657
Record keeping and/or financial management	58,779	48,089	5,205	4,203
Estate planning or succession planning	44,474	36,092	4,030	3,326
FARMS BY TYPE OF ORGANIZATION (SEE TEXT)				
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	45,826 farms	40,523	2,440	1,993
acres	8,865,787	6,181,513	1,591,573	1,332,830
Limited Liability Company	5,084 farms	3,447	1,529	1,485
acres	1,864,099	883,083	945,659	910,431

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Corporation				Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total		10 or less stockholders
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT) - Con.						
Total producers (see text) - Con.						
Total female producers (see text)	1,988	1,783	1,746	205	171	728
Farms by number of female producers:						
1 producer	1,311	1,191	1,182	120	115	456
2 producers	230	208	208	22	16	88
3 producers	40	36	36	4	4	14
4 producers	21	17	10	4	1	2
5 or more producers	2	-	-	2	1	7
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT)						
Sex of producers:						
Male	3,974	3,518	3,462	456	414	1,049
Female	1,856	1,676	1,653	180	155	674
Hired managers (see text)	1,894	1,713	1,688	181	144	214
Primary occupation:						
Farming	3,585	3,293	3,266	292	254	613
Other	2,245	1,901	1,849	344	315	1,110
Place of residence:						
On farm operated	3,589	3,274	3,252	315	291	956
Not on farm operated	2,241	1,920	1,863	321	278	767
Days of work off farm:						
None	2,922	2,692	2,666	230	193	777
Any	2,908	2,502	2,449	406	376	946
1 to 49 days	524	462	448	62	59	142
50 to 99 days	254	226	223	28	28	58
100 to 199 days	424	370	369	54	46	104
200 days or more	1,706	1,444	1,409	262	243	642
Years on present farm:						
2 years or less	364	314	310	50	38	171
3 or 4 years	454	365	354	89	89	128
5 to 9 years	809	663	645	146	138	234
10 years or more	4,203	3,852	3,806	351	304	1,190
Average years on present farm	21.9	22.4	22.5	17.7	17.4	21.5
Years operating any farm (see text):						
5 years or less	809	645	631	164	154	287
6 to 10 years	694	589	578	105	96	215
11 years or more	4,327	3,960	3,906	367	319	1,221
Average years on any farm	24.2	24.8	24.9	19.6	19.2	23.3
Age group:						
Under 25 years	127	109	108	18	12	18
25 to 34 years	470	421	418	49	49	115
35 to 44 years	824	729	714	95	80	184
45 to 54 years	1,135	985	960	150	145	241
55 to 64 years	1,788	1,602	1,590	186	159	457
65 to 74 years	1,098	1,003	987	95	86	440
75 years and over	388	345	338	43	38	268
Average age	54.7	54.9	54.9	53.3	53.3	59.4
Young producers (see text)	666	593	586	73	67	159
Producers of Hispanic, Latino, or Spanish origin	62	56	56	6	6	14
Producers by race:						
American Indian or Alaska Native	32	31	31	1	1	22
Asian	18	17	17	1	1	1
Black or African American	34	27	27	7	4	13
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	5,694	5,067	5,012	627	563	1,682
More than one race reported	52	52	28	-	-	5
Military service (see text):						
Never served	5,423	4,827	4,754	596	532	1,558
Served	407	367	361	40	37	165
Number of persons living in producers' households (see text)	12,694	11,329	11,132	1,365	1,218	3,397
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	4,952	4,429	4,352	523	461	1,422
Land use and/or crop decisions	4,357	3,882	3,815	475	434	1,239
Livestock decisions	2,292	2,060	2,031	232	208	696
Record keeping and/or financial management	4,263	3,804	3,745	459	416	1,222
Estate planning or succession planning	3,295	3,005	2,951	290	270	1,057
FARMS BY TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	2,265	2,079	2,052	186	184	598
farms					(D)	84,898
acres	1,007,803	967,273	952,806	40,530	-	-
Limited Liability Company	-	-	-	-	-	108
farms						35,357
acres	-	-	-	-	-	-

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Total	Family or individual	Partnership	
			Total	Registered under State law
LEGAL STATUS FOR TAX PURPOSES				
Family or individual .....farms	40,523	40,523	-	-
.....acres	6,181,513	6,181,513	-	-
Partnership .....farms	3,246	-	3,246	2,620
.....acres	2,091,147	-	2,091,147	1,781,076
Registered under State law .....farms	2,620	-	2,620	2,620
.....acres	1,781,076	-	1,781,076	1,781,076
Corporation .....farms	2,880	-	-	-
.....acres	1,315,561	-	-	-
Family held .....farms	2,540	-	-	-
.....acres	1,205,096	-	-	-
More than 10 stockholders .....farms	32	-	-	-
10 or less stockholders .....farms	2,508	-	-	-
Other than family held .....farms	340	-	-	-
.....acres	110,465	-	-	-
More than 10 stockholders .....farms	23	-	-	-
10 or less stockholders .....farms	317	-	-	-
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. ....farms	992	-	-	-
.....acres	175,869	-	-	-
HIRED FARM LABOR				
Hired farm labor .....farms	11,907	8,310	1,637	1,399
.....workers	77,475	34,985	16,086	14,664
Workers by days worked:				
150 days or more .....farms	5,589	3,124	1,074	950
.....workers	27,177	9,641	6,265	5,788
Less than 150 days .....farms	9,295	6,623	1,223	1,037
.....workers	50,298	25,344	9,821	8,876
Migrant farm labor on farms with hired labor .....farms	760	337	185	175
Migrant farm labor on farms reporting only				
contract labor .....farms	68	41	13	12
Unpaid workers .....farms	23,260	20,160	1,438	1,121
.....workers	54,839	47,265	3,747	2,846
FARMS BY SIZE				
1 to 9 acres	5,154	4,562	198	156
10 to 49 acres	16,920	15,280	584	473
50 to 69 acres	3,697	3,250	181	141
70 to 99 acres	4,931	4,419	189	130
100 to 139 acres	3,681	3,195	221	163
140 to 179 acres	2,230	1,903	132	97
180 to 219 acres	1,526	1,299	119	89
220 to 259 acres	1,191	1,029	75	63
260 to 499 acres	3,591	2,860	403	317
500 to 999 acres	2,560	1,643	534	454
1,000 to 1,999 acres	1,504	834	361	312
2,000 acres or more	656	249	249	225
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)				
Oilseed and grain farming (1111)	12,466	10,395	1,206	984
Vegetable and melon farming (1112)	1,826	1,398	175	155
Fruit and tree nut farming (1113)	2,549	1,986	233	207
Greenhouse, nursery, and floriculture production (1114)	2,313	1,590	204	176
Other crop farming (1119)	11,779	10,424	542	430
Tobacco farming (11191)	-	-	-	-
Cotton farming (11192)	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	11,779	10,424	542	430
Beef cattle ranching and farming (11211)	5,578	5,171	167	108
Cattle feedlots (11212)	388	304	42	26
Dairy cattle and milk production (11212)	1,530	1,017	348	278
Hog and pig farming (1122)	715	612	49	39
Poultry and egg production (1123)	857	767	34	28
Sheep and goat farming (1124)	1,721	1,619	37	21
Aquaculture and other animal production (1125, 1129) (see text)	5,919	5,240	209	168
OTHER FARM CHARACTERISTICS				
Farms reporting-				
Internet access	36,756	30,896	2,618	2,176
Dial-up	1,344	1,136	100	84
DSL	7,610	6,371	557	473
Cable modem	8,236	6,757	571	501
Fiber-optic	1,704	1,365	138	112
Mobile internet service for a cell phone or other device (see text)	15,570	12,977	1,159	979
Satellite	7,022	5,906	561	458
Don't know (see text)	2,748	2,312	203	161
Other internet service	1,376	1,123	111	90
Farms by number of households sharing in net income of operation:				
1 household	40,932	36,435	1,584	1,265
2 households	5,092	3,332	1,175	943
3 households	1,046	494	322	275
4 households	356	160	107	93
5 or more households	215	102	58	44

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Corporation				Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total		10 or less stockholders
LEGAL STATUS FOR TAX PURPOSES						
Family or individual farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Partnership farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Registered under State law farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Corporation farms	2,880	2,540	2,508	340	317	-
acres	1,315,561	1,205,096	1,188,408	110,465	102,346	-
Family held farms	2,540	2,540	2,508	-	-	-
acres	1,205,096	1,205,096	1,188,408	-	-	-
More than 10 stockholders farms	32	32	-	-	-	-
10 or less stockholders farms	2,508	2,508	2,508	-	-	-
Other than family held farms	340	-	-	340	317	-
acres	110,465	-	-	110,465	102,346	-
More than 10 stockholders farms	23	-	-	23	-	-
10 or less stockholders farms	317	-	-	317	317	-
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. farms	-	-	-	-	-	992
acres	-	-	-	-	-	175,869
HIRED FARM LABOR						
Hired farm labor farms	1,673	1,479	1,457	194	178	287
workers	24,750	21,566	20,787	3,184	2,816	1,654
Workers by days worked:						
150 days or more farms	1,221	1,100	1,083	121	108	170
workers	10,638	9,157	8,497	1,481	1,348	633
Less than 150 days farms	1,245	1,105	1,094	140	128	204
workers	14,112	12,409	12,290	1,703	1,468	1,021
Migrant farm labor on farms with hired labor farms	227	198	196	29	27	11
Migrant farm labor on farms reporting only contract labor farms	13	6	6	7	7	1
Unpaid workers farms	1,189	1,036	1,022	153	147	473
workers	2,553	2,211	2,188	342	324	1,274
FARMS BY SIZE						
1 to 9 acres	306	260	260	46	41	88
10 to 49 acres	744	634	621	110	100	312
50 to 69 acres	172	142	141	30	30	94
70 to 99 acres	200	181	179	19	18	123
100 to 139 acres	178	156	156	22	21	87
140 to 179 acres	117	95	93	22	21	78
180 to 219 acres	60	57	57	3	3	48
220 to 259 acres	58	51	51	7	5	29
260 to 499 acres	268	241	237	27	27	60
500 to 999 acres	342	315	313	27	27	41
1,000 to 1,999 acres	287	270	263	17	15	22
2,000 acres or more	148	138	137	10	9	10
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)						
Oilseed and grain farming (1111)	682	630	623	52	52	183
Vegetable and melon farming (1112)	203	167	163	36	31	50
Fruit and tree nut farming (1113)	278	242	241	36	30	52
Greenhouse, nursery, and floriculture production (1114)	465	407	405	58	55	54
Other crop farming (1119)	443	373	363	70	69	370
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	443	373	363	70	69	370
Beef cattle ranching and farming (11211)	156	146	144	10	10	84
Cattle feedlots (11212)	32	30	27	2	2	10
Dairy cattle and milk production (11212)	153	147	147	6	5	12
Hog and pig farming (1122)	40	34	34	6	6	14
Poultry and egg production (1123)	46	40	38	6	6	10
Sheep and goat farming (1124)	47	39	39	8	8	18
Aquaculture and other animal production (1125, 1129) (see text)	335	285	284	50	43	135
OTHER FARM CHARACTERISTICS						
Farms reporting- Internet access	2,480	2,196	2,175	284	265	762
Dial-up	84	80	80	4	4	24
DSL	515	451	446	64	55	167
Cable modem	730	643	638	87	84	178
Fiber-optic	138	123	122	15	11	63
Mobile internet service for a cell phone or other device (see text)	1,136	1,005	997	131	119	298
Satellite	430	401	399	29	28	125
Don't know (see text)	173	144	142	29	29	60
Other internet service	98	92	90	6	6	44
Farms by number of households sharing in net income of operation:						
1 household	2,058	1,776	1,750	282	265	855
2 households	503	467	465	36	36	82
3 households	198	185	184	13	9	32
4 households	76	75	75	1	-	13
5 or more households	45	37	34	8	7	10

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Total	Family or individual	Partnership	
			Total	Registered under State law
LIVESTOCK				
Cattle and calves inventory .....farms number	12,221 1,201,383	10,462 610,614	1,026 329,023	789 289,810
Farms with-				
1 to 9	4,620	4,286	138	89
10 to 49	4,550	4,106	248	176
50 to 99	1,132	922	156	115
100 to 199	765	552	155	128
200 to 499	681	417	163	125
500 or more	473	179	166	156
Cows and heifers that calved .....farms number	9,243 545,554	7,925 274,673	782 145,329	602 124,784
Beef cows .....farms number	7,445 103,522	6,676 85,013	430 10,448	318 7,789
Farms with-				
1 to 9	4,341	4,012	167	121
10 to 49	2,755	2,413	208	154
50 to 99	263	199	36	30
100 to 199	68	42	18	12
200 to 499	16	8	1	1
500 or more	2	2	-	-
Milk cows .....farms number	2,158 442,032	1,553 189,660	399 134,881	318 116,995
Farms with-				
1 to 9	582	541	18	12
10 to 49	462	390	49	28
50 to 99	353	257	80	62
100 to 199	303	177	89	73
200 to 499	188	118	101	86
500 or more	188	70	62	57
Other cattle (see text) .....farms number	9,557 655,829	8,044 335,941	909 183,694	704 165,026
Cattle and calves sold .....farms number	9,539 748,919	7,958 409,902	954 165,439	738 146,167
Calves weighing less than 500 pounds .....farms number	628,397 \$1,000	339,349 3,347	158,297 344	143,845 269
Cattle weighing 500 pounds or more .....farms number	287,148 8,692	169,673 7,178	45,780 929	38,477 716
Cattle on feed (see text) .....farms number	461,771 1,168	240,229 829	119,659 227	107,690 188
Hogs and pigs inventory .....farms number	2,017 1,236,567	1,706 476,968	181 345,769	130 319,108
Farms with-				
1 to 24	1,564	1,398	99	65
25 to 49	120	106	3	3
50 to 99	72	55	12	4
100 to 199	40	29	10	8
200 to 499	18	14	1	1
500 or more	203	104	56	49
Hogs and pigs sold .....farms number	2,441 4,076,081	2,085 1,171,993	192 1,019,451	137 969,263
Sheep and lambs inventory (see text) .....farms number	2,483 89,270	2,251 72,186	86 9,191	56 7,909
Sheep and lambs sold .....farms number	1,610 62,018	1,446 47,780	79 5,434	55 4,676
Total horses and ponies inventory .....farms number	10,235 64,200	9,231 52,733	392 3,507	286 2,933
Total horses and ponies sold (see text) .....farms number	1,480 4,421	1,273 3,371	69 399	54 321
Goats, all inventory .....farms number	2,614 29,226	2,383 26,110	103 1,783	65 1,281
Goats, all sold .....farms number	1,267 13,653	1,153 11,806	40 1,139	24 288
POULTRY				
Layers inventory (see text) .....farms number	7,039 15,074,549	6,410 (D)	292 (D)	232 (D)
Farms with-				
1 to 399	6,961	6,355	285	227
400 to 3,199	63	50	4	2
3,200 to 9,999	5	4	-	-
10,000 to 19,999	-	-	-	-
20,000 to 49,999	1	-	-	-
50,000 to 99,999	1	-	1	1
100,000 or more	8	1	2	2
Pullets for laying flock replacement inventory .....farms number	1,159 4,933,440	1,074 (D)	48 (D)	44 (D)
Layers sold (see text) .....farms number	1,235 5,036,819	1,119 (D)	42 (D)	32 (D)
Pullets for laying flock replacement sold .....farms number	132 6,573,536	118 (D)	1 (D)	1 (D)

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Corporation					Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
LIVESTOCK						
Cattle and calves inventory farms number	565 244,420	524 220,855	515 219,011	41 23,565	40 (D)	168 17,326
Farms with-						
1 to 9	122	103	101	19	19	74
10 to 49	131	121	121	10	10	65
50 to 99	45	45	44	-	-	9
100 to 199	53	51	51	2	2	5
200 to 499	92	88	82	4	4	9
500 or more	122	116	116	6	5	6
Cows and heifers that calved farms number	403 113,572	373 103,021	368 102,486	30 10,551	29 (D)	133 11,980
Beef cows farms number	223 6,169	200 5,472	195 4,937	23 697	23 697	116 1,892
Farms with-						
1 to 9	88	78	76	10	10	74
10 to 49	103	92	92	11	11	31
50 to 99	22	21	20	1	1	6
100 to 199	4	4	4	-	-	4
200 to 499	6	5	3	1	1	1
500 or more	-	-	-	-	-	-
Milk cows farms number	187 107,403	177 97,549	177 97,549	10 9,854	9 (D)	19 10,088
Farms with-						
1 to 9	18	15	15	3	3	5
10 to 49	20	20	20	-	-	3
50 to 99	16	15	15	1	1	-
100 to 199	34	34	34	-	-	3
200 to 499	48	44	44	4	4	3
500 or more	51	49	49	2	1	5
Other cattle (see text) farms number	472 130,848	446 117,834	438 116,525	26 13,014	25 (D)	132 5,346
Cattle and calves sold farms number	509 158,518	479 140,492	470 138,203	30 18,026	29 (D)	118 15,060
Calves weighing less than 500 pounds farms number	221 62,771	212 58,189	212 58,189	9 4,582	8 (D)	46 8,924
Cattle weighing 500 pounds or more farms number	479 95,747	451 82,303	442 80,014	28 13,444	27 (D)	106 6,136
Cattle on feed (see text) farms number	101 37,439	98 (D)	94 27,167	3 (D)	3 (D)	11 817
Hogs and pigs inventory farms number	83 (D)	62 372,091	62 372,091	21 (D)	15 (D)	47 (D)
Farms with-						
1 to 24	37	18	18	19	13	30
25 to 49	7	7	7	-	-	4
50 to 99	4	4	4	-	-	1
100 to 199	1	1	1	-	-	-
200 to 499	2	2	2	-	-	1
500 or more	32	30	30	2	2	11
Hogs and pigs sold farms number \$1,000	108 (D) (D)	88 1,768,734 265,324	88 1,768,734 265,324	20 (D) (D)	14 (D) (D)	56 (D) (D)
Sheep and lambs inventory (see text) farms number	77 5,911	63 5,029	63 5,029	14 882	8 822	69 1,982
Sheep and lambs sold farms number	49 8,043	33 7,571	33 7,571	16 472	10 448	36 761
Total horses and ponies inventory farms number	420 6,130	366 5,112	365 (D)	54 1,018	53 (D)	192 1,830
Total horses and ponies sold (see text) farms number	110 459	102 419	101 (D)	8 40	7 (D)	28 192
Goats, all inventory farms number	82 786	73 768	73 768	9 18	9 18	46 547
Goats, all sold farms number	53 481	49 453	49 453	4 28	4 28	21 227
POULTRY						
Layers inventory (see text) farms number	224 9,830,538	194 9,828,859	193 (D)	30 1,679	24 1,277	113 12,610
Farms with-						
1 to 399	211	181	181	30	24	110
400 to 3,199	7	7	7	-	-	2
3,200 to 9,999	-	-	-	-	-	1
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	1	1	1	-	-	-
50,000 to 99,999	-	-	-	-	-	-
100,000 or more	5	5	4	-	-	-
Pullets for laying flock replacement inventory farms number	27 3,359,695	25 (D)	24 (D)	2 (D)	2 (D)	10 294
Layers sold (see text) farms number	60 2,378,867	52 2,378,291	51 (D)	8 576	8 576	14 3,467
Pullets for laying flock replacement sold farms number	10 (D)	9 (D)	9 (D)	1 (D)	1 (D)	3 150

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Total	Family or individual	Partnership	
			Total	Registered under State law
POULTRY - Con.				
Broilers and other meat-type chickens sold .....farms number	1,582	1,388	83	71
	8,868,690	(D)	2,409,644	2,394,329
Farms with-				
1 to 1,999	1,539	1,357	72	63
2,000 to 59,999	21	15	6	3
60,000 to 99,999	-	-	-	-
100,000 or more	22	16	5	5
Turkeys inventory (see text) .....farms number	1,036	923	52	45
	2,279,108	607,564	1,275,944	1,275,901
Turkeys sold (see text) .....farms number	767	680	41	33
	5,186,242	1,817,749	2,284,184	2,281,677
CROPS				
Barley for grain .....farms acres	183	145	26	18
	5,740	3,919	1,224	1,116
Irrigated .....bushels	272,067	176,574	63,133	57,562
Irrigated .....farms acres	1	1	-	-
Irrigated .....acres	(D)	(D)	-	-
Farms by acres harvested:				
1 to 24 acres	114	100	10	3
25 to 99 acres	59	40	12	11
100 to 249 acres	7	2	4	4
250 to 499 acres	3	3	-	-
500 acres or more	-	-	-	-
Corn for grain .....farms acres	11,195	8,789	1,436	1,175
	2,168,204	1,245,426	594,395	516,237
Irrigated .....bushels	344,533,785	193,075,252	96,966,381	84,236,103
Irrigated .....farms acres	1,030	639	221	197
Irrigated .....acres	313,638	142,644	115,581	108,510
Farms by acres harvested:				
1 to 24 acres	2,751	2,477	129	90
25 to 99 acres	3,530	3,109	268	189
100 to 249 acres	2,418	1,794	362	305
250 to 499 acres	1,413	864	346	292
500 acres or more	1,083	545	331	299
Corn for silage or greenchop .....farms acres	2,355	1,641	469	401
	331,133	147,053	105,223	89,934
Irrigated .....tons	6,157,400	2,570,435	2,041,680	1,768,750
Irrigated .....farms acres	133	60	35	32
Irrigated .....acres	21,043	8,026	(D)	(D)
Farms by acres harvested:				
1 to 24 acres	772	668	77	52
25 to 99 acres	802	596	141	124
100 to 249 acres	453	235	142	124
250 to 499 acres	192	94	61	56
500 acres or more	136	48	48	45
Dry edible beans, excluding chickpeas and limas (see text) .....farms acres	1,085	760	155	120
	225,334	114,726	54,580	42,161
Irrigated .....cwt	4,487,274	2,206,160	1,109,342	852,106
Irrigated .....farms acres	58	34	17	12
Irrigated .....acres	10,376	(D)	4,951	3,045
Farms by acres harvested:				
1 to 24 acres	97	85	1	1
25 to 99 acres	341	300	16	10
100 to 249 acres	346	235	63	50
250 to 499 acres	190	103	41	37
500 acres or more	111	37	34	22
Oats for grain .....farms acres	1,167	920	175	126
	34,492	20,825	8,049	6,441
Irrigated .....bushels	2,079,160	1,202,955	505,504	399,684
Irrigated .....farms acres	5	1	4	3
Irrigated .....acres	417	(D)	(D)	(D)
Farms by acres harvested:				
1 to 24 acres	778	667	77	48
25 to 99 acres	324	221	77	62
100 to 249 acres	59	30	20	15
250 to 499 acres	3	2	1	1
500 acres or more	3	-	-	-
Sorghum for grain .....farms acres	27	12	13	13
	1,888	(D)	706	706
Irrigated .....bushels	225,714	(D)	80,068	80,068
Irrigated .....farms acres	7	5	2	2
Irrigated .....acres	1,186	(D)	(D)	(D)
Farms by acres harvested:				
1 to 24 acres	11	4	6	6
25 to 99 acres	11	6	5	5
100 to 249 acres	3	-	2	2
250 to 499 acres	2	2	-	-
500 acres or more	-	-	-	-
Soybeans for beans .....farms acres	11,988	9,617	1,388	1,149
	2,487,343	1,585,580	588,657	496,677
Irrigated .....bushels	107,048,753	66,634,765	26,204,544	22,119,403
Irrigated .....farms acres	699	472	132	116
Irrigated .....acres	140,492	74,288	44,138	38,630
Farms by acres harvested:				
1 to 24 acres	1,918	1,760	71	53
25 to 99 acres	4,126	3,632	251	195
100 to 249 acres	3,051	2,430	382	312

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Corporation					Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
POULTRY - Con.						
Broilers and other meat-type chickens sold farms number	66 (D)	45 (D)	45 (D)	21 4,760	15 3,560	45 4,805
Farms with-						
1 to 1,999	65	44	44	21	15	45
2,000 to 59,999	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	1	1	1	-	-	-
Turkeys inventory (see text) farms number	39 394,910	34 (D)	33 (D)	5 (D)	5 (D)	22 690
Turkeys sold (see text) farms number	30 1,083,701	29 (D)	28 (D)	1 (D)	1 (D)	16 608
CROPS						
Barley for grain farms acres	11 (D)	9 552	9 552	2 (D)	2 (D)	1 (D)
bushels		30,010	30,010			
Irrigated farms acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	3	2	2	1	1	1
25 to 99 acres	7	6	6	1	1	1
100 to 249 acres	1	1	1	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Corn for grain farms acres	834 310,587	773 292,700	765 289,780	61 17,887	61 17,887	136 17,796
bushels	51,780,324	48,950,993	48,361,147	2,829,331	2,829,331	2,711,828
Irrigated farms acres	142 53,065	130 50,067	128 (D)	12 2,998	12 2,998	28 2,348
Farms by acres harvested:						
1 to 24 acres	106	88	86	18	18	39
25 to 99 acres	112	102	100	10	10	41
100 to 249 acres	230	218	218	12	12	32
250 to 499 acres	188	175	174	13	13	15
500 acres or more	198	190	187	8	8	9
Corn for silage or greenchop farms acres	222 75,261	212 68,475	211 (D)	10 6,786	10 6,786	23 3,596
tons	1,475,000	1,344,195		130,805	130,805	70,285
Irrigated farms acres	36 6,417	33 5,912	33 5,912	3 505	3 505	2 (D)
Farms by acres harvested:						
1 to 24 acres	20	20	20	-	-	7
25 to 99 acres	55	52	51	3	3	10
100 to 249 acres	73	71	71	2	2	3
250 to 499 acres	36	34	34	2	2	1
500 acres or more	38	35	35	3	3	2
Dry edible beans, excluding chickpeas and limas (see text) farms acres	164 (D)	161 55,669	161 55,669	3 (D)	3 (D)	6 (D)
cwt		1,163,303	1,163,303			
Irrigated farms acres	5 1,050	5 1,050	5 1,050	-	-	2 (D)
Farms by acres harvested:						
1 to 24 acres	7	5	5	2	2	4
25 to 99 acres	23	23	23	-	-	2
100 to 249 acres	48	47	47	1	1	-
250 to 499 acres	46	46	46	-	-	-
500 acres or more	40	40	40	-	-	-
Oats for grain farms acres	58 (D)	56 5,198	56 5,198	2 (D)	2 (D)	14 (D)
bushels		356,500	356,500			
Irrigated farms acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	24	24	24	-	-	10
25 to 99 acres	23	21	21	2	2	3
100 to 249 acres	8	8	8	-	-	1
250 to 499 acres	-	-	-	-	-	-
500 acres or more	3	3	3	-	-	-
Sorghum for grain farms acres	2 (D)	2 (D)	2 (D)	-	-	-
bushels						
Irrigated farms acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	1	1	1	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	1	1	1	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Soybeans for beans farms acres	811 288,047	745 267,774	737 263,745	66 20,273	66 20,273	172 25,059
bushels	13,142,187	12,260,103	12,064,377	882,084	882,084	1,067,257
Irrigated farms acres	81 21,266	77 20,272	77 20,272	4 994	4 994	14 800
Farms by acres harvested:						
1 to 24 acres	46	44	43	2	2	41
25 to 99 acres	166	144	142	22	22	77
100 to 249 acres	218	201	201	17	17	21

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Total	Family or individual	Partnership	
			Total	Registered under State law
CROPS - Con.				
Soybeans for beans - Con.				
Farms by acres harvested: - Con.				
250 to 499 acres	1,580	1,079	306	252
500 acres or more	1,313	716	378	337
Sugarbeets for sugar	661	412	119	103
.....farms	145,790	64,939	42,627	35,418
.....acres	3,693,023	1,627,945	1,068,910	883,180
Irrigated	25	13	7	6
.....farms	(D)	997	1,121	(D)
.....acres				
Sunflower seed, all	46	38	2	2
.....farms	(D)	(D)	(D)	(D)
.....acres	1,735	(D)	(D)	(D)
.....pounds	3,095,470	(D)	(D)	(D)
Irrigated	9	9	-	-
.....farms	(D)	(D)	-	-
.....acres				
Farms by acres harvested:				
1 to 24 acres	30	28	-	-
25 to 99 acres	11	8	1	1
100 to 249 acres	4	2	1	1
250 to 499 acres	1	-	-	-
500 acres or more	-	-	-	-
Wheat for grain, all	4,974	3,598	829	703
.....farms	487,011	279,475	129,183	111,956
.....acres	38,015,624	21,154,654	10,292,736	8,951,787
.....bushels	114	51	44	41
Irrigated	17,399	7,952	5,362	5,304
.....farms				
.....acres				
Farms by acres harvested:				
1 to 24 acres	1,202	1,030	100	86
25 to 99 acres	2,277	1,747	329	275
100 to 249 acres	1,021	608	233	196
250 to 499 acres	378	171	125	109
500 acres or more	96	42	42	37
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	18,833	16,257	1,416	1,093
.....farms	1,009,570	708,771	174,332	145,916
.....acres	2,674,133	1,630,116	604,559	520,119
.....tons, dry equivalent	417	275	68	63
Irrigated	24,775	11,204	5,796	5,014
.....farms				
.....acres				
Farms by acres harvested:				
1 to 24 acres	10,092	9,180	414	293
25 to 99 acres	6,193	5,341	489	380
100 to 249 acres	1,837	1,363	316	246
250 to 499 acres	501	293	127	111
500 acres or more	210	80	70	63
Alfalfa hay	13,660	11,773	1,106	856
.....farms	576,416	437,134	87,738	72,122
.....acres	1,351,628	961,972	242,990	204,134
.....tons, dry	267	185	47	44
Irrigated	8,707	4,958	1,971	(D)
.....farms				
.....acres				
Other dry hay (see text)	5,188	4,621	270	188
.....farms	184,859	154,476	16,676	10,992
.....acres	285,257	235,225	27,417	19,238
.....tons, dry	62	51	2	2
Irrigated	1,744	1,563	(D)	(D)
.....farms				
.....acres				
Field and grass seed crops, all	26	17	3	3
.....farms	593	374	30	30
.....acres	1	1	-	-
Irrigated	(D)	(D)	-	-
.....farms				
.....acres				
Land in vegetables (see text)	3,047	2,310	316	271
.....farms	160,923	55,942	61,386	53,893
.....acres	1,366	954	178	153
Irrigated	102,819	34,740	39,081	37,579
.....farms				
.....acres				
Farms by acres harvested:				
0.1 to 4.9 acres	1,956	1,636	120	101
5.0 to 24.9 acres	554	417	53	44
25.0 to 99.9 acres	255	153	46	37
100.0 to 249.9 acres	135	65	36	35
250.0 acres or more	147	39	61	54
Beans, snap	844	649	85	76
.....farms	12,706	5,247	4,413	(D)
.....acres	120	77	25	24
Harvested for processing	11,220	4,463	(D)	(D)
.....farms				
.....acres				
Peas, green	239	179	27	26
.....farms	3,072	(D)	1,752	(D)
.....acres	33	18	8	7
Harvested for processing	3,008	(D)	1,746	(D)
.....farms	761	567	89	80
.....acres	50,511	13,497	26,542	(D)
Harvested for processing	107	60	28	28
.....farms	40,447	11,198	21,792	21,792
.....acres				
Farms by acres harvested:				
0.1 to 4.9 acres	643	515	52	45
5.0 to 24.9 acres	35	25	3	3
25.0 to 99.9 acres	18	9	4	3
100.0 to 249.9 acres	28	10	8	8
250.0 acres or more	37	8	22	21

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Corporation					Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
CROPS - Con.						
Soybeans for beans - Con.						
Farms by acres harvested: - Con.						
250 to 499 acres	172	162	161	10	10	23
500 acres or more	209	194	190	15	15	10
Sugarbeets for sugar	farms 125	123	122	2	2	5
acres (D)	(D)	(D)	36,701	(D)	(D)	(D)
tons (D)	(D)	955,096	(D)	(D)	(D)	(D)
Irrigated	farms 4	4	4	-	-	1
acres	387	387	387	-	-	(D)
Sunflower seed, all	farms 6	6	6	-	-	-
acres	725	725	725	-	-	-
pounds	1,499,132	1,499,132	1,499,132	-	-	-
Irrigated	farms -	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	2	2	2	-	-	-
25 to 99 acres	2	2	2	-	-	-
100 to 249 acres	1	1	1	-	-	-
250 to 499 acres	1	1	1	-	-	-
500 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms 484	455	450	29	29	63
acres	74,342	70,961	70,365	3,381	3,381	4,011
bushels	6,273,837	5,993,998	5,946,917	279,839	279,839	294,397
Irrigated	farms 14	13	13	1	1	5
acres (D)	(D)	3,977	3,977	(D)	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	52	46	45	6	6	20
25 to 99 acres	169	159	158	10	10	32
100 to 249 acres	170	160	158	10	10	10
250 to 499 acres	81	79	78	2	2	1
500 acres or more	12	11	11	1	1	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	farms 865	783	780	82	75	295
acres	112,057	103,199	(D)	8,858	(D)	14,410
tons, dry equivalent	403,385	378,881	376,883	24,504	(D)	36,073
Irrigated	farms 66	63	63	3	3	8
acres	6,989	6,441	6,441	548	548	786
Farms by acres harvested:						
1 to 24 acres	328	283	282	45	39	170
25 to 99 acres	272	252	252	20	20	91
100 to 249 acres	134	126	125	8	8	24
250 to 499 acres	73	68	68	5	5	8
500 acres or more	58	54	53	4	3	2
Alfalfa hay	farms 590	528	525	62	61	191
acres	44,923	38,771	(D)	6,152	(D)	6,621
tons, dry	131,288	116,968	114,970	14,320	(D)	15,378
Irrigated	farms 30	29	29	1	1	5
acres (D)	(D)	1,368	1,368	(D)	(D)	(D)
Other dry hay (see text)	farms 210	196	196	14	14	87
acres	10,600	9,866	9,866	734	734	3,107
tons, dry	17,397	15,936	15,936	1,461	1,461	5,218
Irrigated	farms 9	9	9	-	-	-
acres (D)	(D)	(D)	(D)	-	-	-
Field and grass seed crops, all	farms 6	6	6	-	-	-
acres	189	189	189	-	-	-
Irrigated	farms -	-	-	-	-	-
acres	-	-	-	-	-	-
Land in vegetables (see text)	farms 332	284	280	48	43	89
acres	42,629	39,938	37,218	2,691	2,687	966
Irrigated	farms 169	149	147	20	18	65
acres	28,575	28,261	(D)	314	(D)	424
Farms by acres harvested:						
0.1 to 4.9 acres	142	112	112	30	25	58
5.0 to 24.9 acres	59	48	48	11	11	25
25.0 to 99.9 acres	51	48	48	3	3	5
100.0 to 249.9 acres	34	34	34	-	-	-
250.0 acres or more	46	42	38	4	4	1
Beans, snap	farms 77	66	66	11	11	33
acres	3,033	2,753	2,753	279	279	12
Harvested for processing	farms 17	14	14	3	3	1
acres	2,808	2,535	2,535	273	273	(D)
Peas, green	farms 18	9	9	9	9	15
acres (D)	(D)	(D)	(D)	(D)	(D)	4
Harvested for processing	farms 7	5	5	2	2	-
acres (D)	(D)	(D)	(D)	(D)	(D)	-
Potatoes	farms 62	54	52	8	8	43
acres	10,177	10,173	(D)	4	4	295
Harvested for processing	farms 15	15	13	-	-	4
acres	7,287	7,287	(D)	-	-	170
Farms by acres harvested:						
0.1 to 4.9 acres	38	30	30	8	8	38
5.0 to 24.9 acres	5	5	5	-	-	2
25.0 to 99.9 acres	3	3	3	-	-	2
100.0 to 249.9 acres	9	9	9	-	-	1
250.0 acres or more	7	7	5	-	-	-

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Total	Family or individual	Partnership	
			Total	Registered under State law
CROPS - Con.				
Land in vegetables (see text) - Con.				
Sweet corn .....farms	835	650	78	70
acres	8,466	3,874	2,340	2,186
Harvested for processing .....farms	79	65	8	8
acres	229	(D)	5	5
Sweet potatoes .....farms	70	50	5	5
acres	(D)	(D)	1	1
Harvested for processing .....farms	3	3	-	-
acres	1	1	-	-
Tomatoes in the open .....farms	1,216	956	100	81
acres	5,102	1,707	997	966
Harvested for processing .....farms	125	97	13	11
acres	2,938	(D)	779	(D)
Land in orchards (see text) .....farms	2,552	1,996	229	207
acres	98,220	42,833	19,984	18,428
Irrigated .....farms	529	339	64	59
acres	15,278	5,335	2,222	2,152
Farms by bearing and nonbearing acres:				
0.1 to 4.9 acres	1,379	1,210	60	55
5.0 to 24.9 acres	571	459	56	53
25.0 to 99.9 acres	323	211	41	36
100.0 to 249.9 acres	191	86	50	41
250.0 acres or more	88	30	22	22
Apples .....farms	1,551	1,205	134	127
bearing and nonbearing acres	38,563	16,898	8,276	8,152
Grapes .....farms	791	580	88	84
bearing and nonbearing acres	13,127	5,939	4,253	(D)
Peaches, all .....farms	477	381	40	37
bearing and nonbearing acres	2,863	1,760	317	(D)
Pecans .....farms	12	12	-	-
bearing and nonbearing acres	3	3	-	-
Walnuts, English .....farms	83	77	-	-
bearing and nonbearing acres	116	(D)	-	-
Land in berries (see text) .....farms	1,566	1,244	124	104
acres	25,006	9,658	4,475	4,114

See footnote(s) at end of table.

--continued

Table 74. Summary by Legal Status For Tax Purposes: 2017 (continued)

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

Item	Corporation				Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total		10 or less stockholders
CROPS - Con.						
Land in vegetables (see text) - Con.						
Sweet corn farms	82	64	63	18	18	25
acres	2,004	1,900	(D)	104	104	249
Harvested for processing farms	5	5	5	-	-	1
acres	1	1	1	-	-	(D)
Sweet potatoes farms	5	5	5	-	-	10
acres	7	7	7	-	-	2
Harvested for processing farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Tomatoes in the open farms	109	91	91	18	15	51
acres	2,373	2,362	2,362	11	10	26
Harvested for processing farms	13	11	11	2	2	2
acres	(D)	2,112	2,112	(D)	(D)	(D)
Land in orchards (see text) farms	271	236	235	35	30	56
acres	33,831	24,924	(D)	8,906	(D)	1,573
Irrigated farms	107	90	90	17	12	19
acres	7,417	4,575	4,575	2,842	(D)	304
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	79	74	74	5	5	30
5.0 to 24.9 acres	45	35	34	10	7	11
25.0 to 99.9 acres	63	53	53	10	10	8
100.0 to 249.9 acres	48	44	44	4	3	7
250.0 acres or more	36	30	30	6	5	-
Apples farms	180	159	159	21	20	32
bearing and nonbearing acres	12,604	10,188	10,188	2,415	(D)	786
Grapes farms	94	79	79	15	13	29
bearing and nonbearing acres	2,571	2,298	2,298	273	(D)	363
Peaches, all farms	53	49	49	4	4	3
bearing and nonbearing acres	785	743	743	42	42	2
Pecans farms	-	-	-	-	-	-
bearing and nonbearing acres	-	-	-	-	-	-
Walnuts, English farms	5	5	5	-	-	1
bearing and nonbearing acres	1	1	1	-	-	(D)
Land in berries (see text) farms	163	142	142	21	20	35
acres	(D)	7,979	7,979	(D)	(D)	(D)

¹ Landlord production expenses are included with total farm production expenses.

² Farms with total production expenses equal to market value of agricultural products sold, government payments, and farm-related income are included as farms with gains of less than \$1,000.

³ Data were collected for a maximum of four producers per farm.

Table 75. Summary by North American Industry Classification System: 2017

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)	
						Total	Tobacco farming (11191)
FARMS AND LAND IN FARMS							
Farms .....number	47,641	12,466	1,826	2,549	2,313	11,779	-
.....percent	100.0	26.2	3.8	5.4	4.9	24.7	-
Land in farms .....acres	9,764,090	5,568,380	329,618	255,285	152,047	1,278,985	-
Average size of farm .....acres	205	447	181	100	66	109	-
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS							
Total (see text) .....farms	47,641	12,466	1,826	2,549	2,313	11,779	-
.....\$1,000	8,388,124	2,608,612	539,006	441,162	767,067	256,170	-
Average per farm .....dollars	176,069	209,258	295,184	173,073	331,633	21,748	-
Farms by economic class:							
Less than \$1,000 (see text)	11,116	201	105	505	475	3,130	-
\$1,000 to \$2,499	5,002	367	188	165	154	2,243	-
\$2,500 to \$4,999	4,972	580	204	177	178	2,096	-
\$5,000 to \$9,999	5,076	910	350	246	223	1,821	-
\$10,000 to \$24,999	5,872	2,130	324	374	298	1,385	-
\$25,000 to \$49,999	3,574	1,784	167	251	223	526	-
\$50,000 to \$99,999	3,156	1,782	133	216	182	290	-
\$100,000 to \$249,999	3,355	2,031	118	243	187	141	-
\$250,000 to \$499,999	2,195	1,269	56	166	149	60	-
\$500,000 to \$999,999	1,650	881	56	105	102	36	-
\$1,000,000 or more	1,673	531	125	101	142	51	-
\$1,000,000 to \$2,499,999	1,158	450	72	73	87	39	-
\$2,500,000 to \$4,999,999	304	60	30	22	34	11	-
\$5,000,000 or more	211	21	23	6	21	1	-
Total sales .....farms	47,641	12,466	1,826	2,549	2,313	11,779	-
.....\$1,000	8,220,935	2,495,103	535,588	438,905	766,395	236,802	-
Grains, oilseeds, dry beans, and dry peas:							
.....farms	16,493	12,445	318	141	94	1,003	-
.....\$1,000	2,611,695	2,204,204	55,110	6,068	2,080	58,432	-
Sales of \$50,000 or more .....farms	7,416	6,098	114	29	22	152	-
.....\$1,000	2,471,797	2,091,853	53,287	4,963	1,570	51,871	-
Corn .....farms	11,688	8,617	217	84	48	633	-
.....\$1,000	1,290,882	1,049,020	31,726	3,228	317	27,668	-
Sales of \$50,000 or more .....farms	4,692	3,784	87	16	-	89	-
.....\$1,000	1,178,909	962,773	30,498	(D)	-	23,174	-
Wheat .....farms	4,967	3,913	87	20	14	205	-
.....\$1,000	167,092	137,163	6,451	146	128	5,815	-
Sales of \$50,000 or more .....farms	931	799	28	-	-	34	-
.....\$1,000	107,870	90,024	5,692	-	-	4,241	-
Soybeans .....farms	11,961	10,142	145	76	49	355	-
.....\$1,000	998,608	886,085	14,857	2,635	1,610	14,580	-
Sales of \$50,000 or more .....farms	4,743	4,102	60	20	18	74	-
.....\$1,000	866,724	771,645	13,545	1,868	1,208	11,880	-
Sorghum .....farms	48	23	1	-	-	4	-
.....\$1,000	1,386	1,232	(D)	-	-	2	-
Sales of \$50,000 or more .....farms	8	8	-	-	-	-	-
.....\$1,000	1,099	1,099	-	-	-	-	-
Barley .....farms	172	58	2	1	-	32	-
.....\$1,000	736	269	(D)	(D)	-	151	-
Sales of \$50,000 or more .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Rice .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Other grains, oilseeds, dry beans, and dry peas:							
.....farms	2,577	1,637	101	14	13	275	-
.....\$1,000	152,991	130,436	(D)	(D)	25	10,217	-
Sales of \$50,000 or more .....farms	690	603	6	-	-	35	-
.....\$1,000	137,305	118,204	1,462	-	-	9,354	-
Tobacco .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Cotton and cottonseed .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more .....farms	-	-	-	-	-	-	-
.....\$1,000	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes:							
.....farms	3,089	223	1,817	257	321	278	-
.....\$1,000	535,068	36,980	452,828	9,199	9,842	23,543	-
Sales of \$50,000 or more .....farms	675	87	452	41	39	49	-
.....\$1,000	513,222	35,362	439,227	7,519	7,832	21,827	-
Fruits, tree nuts, and berries:							
.....farms	2,876	70	263	2,178	92	171	-
.....\$1,000	440,718	8,118	9,487	418,401	1,649	1,887	-
Sales of \$50,000 or more .....farms	870	17	27	806	7	7	-
.....\$1,000	420,114	7,479	8,585	401,126	1,138	975	-
Fruits and tree nuts .....farms	1,953	51	157	1,546	42	107	-
.....\$1,000	294,371	7,522	8,558	275,492	769	1,211	-
Sales of \$50,000 or more .....farms	616	13	25	565	3	6	-
.....\$1,000	281,142	6,997	8,142	264,186	550	701	-
Berries .....farms	1,321	28	165	891	67	101	-
.....\$1,000	146,347	596	929	142,909	880	676	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)							
FARMS AND LAND IN FARMS									
Farms number	-	11,779	5,578	388	1,530	715	857	1,721	5,919
..... percent	-	24.7	11.7	0.8	3.2	1.5	1.8	3.6	12.4
Land in farms acres	-	1,278,985	519,488	162,986	952,448	163,870	44,382	57,979	278,622
Average size of farm acres	-	109	93	420	623	229	52	34	47
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS									
Total (see text) farms	-	11,779	5,578	388	1,530	715	857	1,721	5,919
..... \$1,000	-	256,170	235,249	213,943	2,103,389	646,691	481,563	12,402	82,869
Average per farm dollars	-	21,748	42,174	551,399	1,374,764	904,463	561,917	7,207	14,000
Farms by economic class:									
Less than \$1,000 (see text)	-	3,130	1,554	-	52	36	255	781	4,022
\$1,000 to \$2,499	-	2,243	637	2	3	226	243	340	434
\$2,500 to \$4,999	-	2,096	893	-	2	131	132	226	353
\$5,000 to \$9,999	-	1,821	836	5	10	61	64	166	384
\$10,000 to \$24,999	-	1,385	785	24	4	35	49	125	339
\$25,000 to \$49,999	-	526	296	58	25	12	25	51	156
\$50,000 to \$99,999	-	290	217	75	119	9	17	14	102
\$100,000 to \$249,999	-	141	151	82	278	15	14	13	82
\$250,000 to \$499,999	-	60	82	48	307	18	11	4	25
\$500,000 to \$999,999	-	36	85	51	277	42	5	-	10
\$1,000,000 or more	-	51	42	43	453	130	42	1	12
\$1,000,000 to \$2,499,999	-	39	36	30	269	75	17	1	9
\$2,500,000 to \$4,999,999	-	11	5	8	96	29	7	-	2
\$5,000,000 or more	-	1	1	5	88	26	18	-	1
Total sales farms	-	11,779	5,578	388	1,530	715	857	1,721	5,919
..... \$1,000	-	236,802	231,464	211,304	2,088,149	642,966	480,875	11,898	81,486
Grains, oilseeds, dry beans, and dry peas									
..... farms	-	1,003	705	262	1,087	192	55	35	156
..... \$1,000	-	58,432	29,519	46,385	130,868	64,498	8,357	670	5,504
Sales of \$50,000 or more farms	-	152	128	149	562	128	23	4	7
..... \$1,000	-	51,871	25,070	44,318	122,221	63,406	8,053	533	4,652
Corn farms	-	633	554	240	963	171	48	27	86
..... \$1,000	-	27,668	17,569	30,003	79,410	41,827	5,998	377	3,738
Sales of \$50,000 or more farms	-	89	85	105	391	106	21	2	6
..... \$1,000	-	23,174	13,534	27,213	69,094	40,598	5,829	(D)	3,348
Wheat farms	-	205	133	115	378	65	12	4	21
..... \$1,000	-	5,815	2,373	3,545	8,963	2,201	144	67	96
Sales of \$50,000 or more farms	-	34	9	12	36	13	-	-	-
..... \$1,000	-	4,241	910	2,174	3,483	1,346	-	-	-
Soybeans farms	-	355	265	155	515	163	28	13	55
..... \$1,000	-	14,580	8,248	9,520	37,985	19,142	2,199	213	1,534
Sales of \$50,000 or more farms	-	74	56	56	232	105	13	1	6
..... \$1,000	-	11,880	5,690	7,772	31,577	18,286	1,908	(D)	(D)
Sorghum farms	-	4	8	2	10	-	-	-	-
..... \$1,000	-	2	(D)	(D)	77	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-	-	-	-
Barley farms	-	32	30	4	26	1	-	2	16
..... \$1,000	-	151	(D)	(D)	147	(D)	-	(D)	36
Sales of \$50,000 or more farms	-	-	-	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-	-	-	-
Rice farms	-	-	-	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-	-	-	-
Other grains, oilseeds, dry beans, and dry peas									
..... farms	-	275	158	51	248	31	6	5	38
..... \$1,000	-	10,217	1,258	3,258	4,287	(D)	16	(D)	100
Sales of \$50,000 or more farms	-	35	7	9	25	5	-	-	-
..... \$1,000	-	9,354	940	2,965	3,225	1,156	-	-	-
Tobacco farms	-	-	-	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-	-	-	-
Cotton and cottonseed farms	-	-	-	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-	-	-	-
..... \$1,000	-	-	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes									
..... farms	-	278	51	10	22	17	24	14	55
..... \$1,000	-	23,543	597	313	207	680	50	18	811
Sales of \$50,000 or more farms	-	49	4	1	-	1	-	-	1
..... \$1,000	-	21,827	275	(D)	-	(D)	-	-	(D)
Fruits, tree nuts, and berries farms	-	171	27	3	17	13	17	4	21
..... \$1,000	-	1,887	(D)	61	876	(D)	(D)	5	(D)
Sales of \$50,000 or more farms	-	7	-	-	6	-	-	-	-
..... \$1,000	-	975	-	-	812	-	-	-	-
Fruits and tree nuts farms	-	107	15	2	9	1	11	1	11
..... \$1,000	-	1,211	69	(D)	(D)	(D)	37	(D)	38
Sales of \$50,000 or more farms	-	6	-	-	4	-	-	-	-
..... \$1,000	-	701	-	-	566	-	-	-	-
Berries farms	-	101	16	1	9	12	16	3	12
..... \$1,000	-	676	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)	
						Total	Tobacco farming (11191)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.							
Total (see text) - Con.							
Total sales - Con.							
Fruits, tree nuts, and berries - Con.							
Berries - Con.							
Sales of \$50,000 or more .....farms	262	4	3	245	6	2	-
\$1,000	137,205	430	389	135,335	587	(D)	-
Nursery, greenhouse, floriculture, and sod (see text) .....farms	1,939	29	246	52	1,449	134	-
\$1,000	739,749	1,472	7,834	2,687	724,347	2,873	-
Sales of \$50,000 or more .....farms	725	7	34	5	667	11	-
\$1,000	723,766	(D)	5,764	2,151	712,890	1,600	-
Cultivated Christmas trees and short rotation woody crops (see text) .....farms	774	26	22	29	634	44	-
\$1,000	28,732	125	481	366	27,106	597	-
Sales of \$50,000 or more .....farms	100	-	4	3	90	3	-
\$1,000	24,752	-	374	220	23,630	528	-
Cultivated Christmas trees (see text) .....farms	774	26	22	29	634	44	-
\$1,000	28,732	125	481	366	27,106	597	-
Sales of \$50,000 or more .....farms	100	-	4	3	90	3	-
\$1,000	24,752	-	374	220	23,630	528	-
Short rotation woody crops .....farms	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more .....farms	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-
Other crops and hay (see text) .....farms	14,059	2,907	240	217	180	7,309	-
\$1,000	288,290	131,632	2,743	626	758	109,612	-
Sales of \$50,000 or more .....farms	998	492	10	2	3	320	-
\$1,000	205,982	110,911	1,899	(D)	475	61,825	-
Maple syrup .....farms	872	62	33	50	60	449	-
\$1,000	6,254	292	39	80	46	5,413	-
Sales of \$50,000 or more .....farms	28	-	-	-	-	28	-
\$1,000	3,142	-	-	-	-	3,142	-
Cattle and calves .....farms	9,539	1,852	104	33	41	989	-
\$1,000	628,397	76,210	1,466	1,024	215	24,749	-
Sales of \$50,000 or more .....farms	1,787	337	9	2	-	69	-
\$1,000	548,971	56,135	772	(D)	-	17,892	-
Milk from cows .....farms	1,652	66	3	1	-	20	-
\$1,000	1,786,057	15,776	550	(D)	-	5,359	-
Sales of \$50,000 or more .....farms	1,498	60	3	1	-	13	-
\$1,000	1,782,400	15,626	550	(D)	-	5,274	-
Hogs and pigs .....farms	2,441	309	87	28	61	237	-
\$1,000	608,555	16,330	4,338	(D)	86	5,161	-
Sales of \$50,000 or more .....farms	269	29	3	-	-	7	-
\$1,000	602,829	15,086	(D)	-	-	4,857	-
Sheep, goats, wool, mohair, and milk .....farms	2,741	172	84	65	34	280	-
\$1,000	14,796	1,693	193	61	32	939	-
Sales of \$50,000 or more .....farms	38	7	-	-	-	4	-
\$1,000	5,735	728	-	-	-	293	-
Horses, ponies, mules, burros, and donkeys (see text) .....farms	1,558	76	31	10	11	129	-
\$1,000	17,091	(D)	(D)	(D)	(D)	1,336	-
Sales of \$50,000 or more .....farms	73	-	-	-	-	7	-
\$1,000	7,723	-	-	-	-	952	-
Poultry and eggs .....farms	5,300	312	405	191	209	809	-
\$1,000	480,253	1,755	458	98	171	2,157	-
Sales of \$50,000 or more .....farms	88	2	-	-	-	2	-
\$1,000	474,074	(D)	-	-	-	(D)	-
Aquaculture .....farms	57	2	2	-	1	7	-
\$1,000	8,834	(D)	(D)	-	(D)	4	-
Sales of \$50,000 or more .....farms	24	-	-	-	-	-	-
\$1,000	8,536	-	-	-	-	-	-
Other animals and other animal products (see text) .....farms	1,626	70	94	75	61	176	-
\$1,000	32,700	520	54	211	66	153	-
Sales of \$50,000 or more .....farms	103	1	-	1	-	-	-
\$1,000	28,015	(D)	-	(D)	-	-	-
Value of- Government payments (see text) .....farms	15,350	8,117	296	270	144	4,046	-
\$1,000	167,189	113,508	3,418	2,257	672	19,369	-
Landlord's share of total sales (see text) .....farms	1,238	948	6	46	21	97	-
\$1,000	52,365	43,167	1,953	5,057	127	403	-
FOOD MARKETING PRACTICES (SEE TEXT)							
Food sold directly to - Consumers .....farms	5,669	433	963	772	319	761	-
\$1,000	90,677	5,724	20,097	35,569	5,718	5,632	-
Retail markets, institutions, and food hubs for local or regionally branded products (see text) .....farms	1,029	67	237	245	81	143	-
\$1,000	235,827	5,665	58,733	88,248	1,805	2,694	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)							
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.									
Total (see text) - Con.									
Total sales - Con.									
Fruits, tree nuts, and berries - Con.									
Berries - Con.									
Sales of \$50,000 or more farms	-	2	-	-	2	-	-	-	-
\$1,000	-	(D)	-	-	(D)	-	-	-	-
Nursery, greenhouse, floriculture, and sod (see text) farms	-	134	13	-	2	2	2	4	6
\$1,000	-	2,873	142	-	(D)	(D)	(D)	66	(D)
Sales of \$50,000 or more farms	-	11	-	-	1	-	-	-	-
\$1,000	-	1,600	-	-	(D)	-	-	-	-
Cultivated Christmas trees and short rotation woody crops (see text) farms	-	44	16	-	-	-	-	-	3
\$1,000	-	597	(D)	-	-	-	-	-	(D)
Sales of \$50,000 or more farms	-	3	-	-	-	-	-	-	-
\$1,000	-	528	-	-	-	-	-	-	-
Cultivated Christmas trees (see text) farms	-	44	16	-	-	-	-	-	3
\$1,000	-	597	(D)	-	-	-	-	-	(D)
Sales of \$50,000 or more farms	-	3	-	-	-	-	-	-	-
\$1,000	-	528	-	-	-	-	-	-	-
Short rotation woody crops farms	-	-	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-	-
Other crops and hay (see text) farms	-	7,309	1,180	104	339	122	175	306	980
\$1,000	-	109,612	9,582	10,035	19,109	2,096	218	515	1,362
Sales of \$50,000 or more farms	-	320	31	24	107	8	-	1	-
\$1,000	-	61,825	4,611	9,397	15,306	1,394	-	(D)	-
Maple syrup farms	-	449	67	2	40	8	25	39	37
\$1,000	-	5,413	133	(D)	147	21	33	(D)	22
Sales of \$50,000 or more farms	-	28	-	-	-	-	-	-	-
\$1,000	-	3,142	-	-	-	-	-	-	-
Cattle and calves farms	-	989	4,163	388	1,440	94	38	76	321
\$1,000	-	24,749	177,874	153,886	183,141	4,167	398	453	4,815
Sales of \$50,000 or more farms	-	69	491	265	588	12	1	3	10
\$1,000	-	17,892	148,097	150,508	167,628	3,394	(D)	210	3,349
Milk from cows farms	-	20	53	-	1,478	11	-	3	17
\$1,000	-	5,359	10,056	-	1,750,901	(D)	-	(D)	2,900
Sales of \$50,000 or more farms	-	13	25	-	1,392	-	-	-	4
\$1,000	-	5,274	9,767	-	1,748,315	-	-	-	(D)
Hogs and pigs farms	-	237	437	28	64	706	96	63	325
\$1,000	-	5,161	1,928	435	257	569,987	(D)	73	7,093
Sales of \$50,000 or more farms	-	7	1	4	-	214	2	-	9
\$1,000	-	4,857	(D)	341	-	568,193	(D)	-	6,334
Sheep, goats, wool, mohair, and milk farms	-	280	274	14	42	75	67	1,308	326
\$1,000	-	939	479	122	129	172	123	9,798	1,054
Sales of \$50,000 or more farms	-	4	-	-	1	-	-	21	5
\$1,000	-	293	-	-	(D)	-	-	4,336	(D)
Horses, ponies, mules, burros, and donkeys (see text) farms	-	129	107	9	43	28	21	31	1,062
\$1,000	-	1,336	515	47	291	80	(D)	50	14,353
Sales of \$50,000 or more farms	-	7	-	-	-	-	-	-	66
\$1,000	-	952	-	-	-	-	-	-	6,770
Poultry and eggs farms	-	809	941	20	132	258	782	429	812
\$1,000	-	2,157	444	12	2,069	807	468,685	192	3,405
Sales of \$50,000 or more farms	-	2	-	-	1	1	80	-	2
\$1,000	-	(D)	-	-	(D)	(D)	466,001	-	(D)
Aquaculture farms	-	7	2	-	-	-	-	-	43
\$1,000	-	4	(D)	-	-	-	-	-	8,815
Sales of \$50,000 or more farms	-	-	-	-	-	-	-	-	24
\$1,000	-	-	-	-	-	-	-	-	8,536
Other animals and other animal products (see text) farms	-	176	124	4	25	24	74	95	804
\$1,000	-	153	158	7	(D)	88	92	(D)	31,273
Sales of \$50,000 or more farms	-	-	-	-	-	-	-	-	101
\$1,000	-	-	-	-	-	-	-	-	(D)
Value of- Government payments (see text) farms	-	4,046	694	220	945	156	53	96	313
\$1,000	-	19,369	3,785	2,639	15,241	3,726	687	505	1,382
Landlord's share of total sales (see text) farms	-	97	54	9	33	10	1	1	12
\$1,000	-	403	186	(D)	960	(D)	(D)	(D)	207
FOOD MARKETING PRACTICES (SEE TEXT)									
Food sold directly to - Consumers farms	-	761	921	60	95	192	400	241	512
\$1,000	-	5,632	5,768	1,885	1,759	1,019	3,370	820	3,317
Retail markets, institutions, and food hubs for local or regionally branded products (see text) farms	-	143	47	6	21	28	60	12	82
\$1,000	-	2,694	534	313	5,350	263	69,536	58	2,631

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)	
						Total	Tobacco farming (11191)
FARM PRODUCTION EXPENSES							
Total farm production expenses ¹ .....farms	47,641	12,466	1,826	2,549	2,313	11,779	-
\$1,000	7,208,181	2,197,224	443,292	382,256	632,880	281,814	-
Average per farm .....dollars	151,302	176,257	242,767	149,963	273,619	23,925	-
Fertilizer, lime, and soil conditioners purchased .....farms	25,277	11,148	1,456	1,795	1,445	3,662	-
\$1,000	592,379	381,524	56,047	14,698	23,423	24,544	-
Farms with expenses of-							
\$1 to \$4,999	14,343	3,884	1,083	1,323	1,058	3,029	-
\$5,000 to \$24,999	6,052	3,818	176	351	228	481	-
\$25,000 to \$49,999	2,042	1,410	47	70	67	71	-
\$50,000 or more	2,840	2,036	150	51	92	81	-
Chemicals purchased .....farms	21,160	10,713	992	1,803	1,242	2,379	-
\$1,000	360,374	202,188	41,361	51,317	10,639	12,765	-
Farms with expenses of-							
\$1 to \$4,999	12,912	5,194	709	1,015	1,005	2,120	-
\$5,000 to \$24,999	5,049	3,492	94	384	160	163	-
\$25,000 to \$49,999	1,509	1,036	40	155	31	41	-
\$50,000 or more	1,690	991	149	249	46	55	-
Seeds, plants, vines, and trees purchased .....farms	20,784	9,885	1,431	1,175	1,456	2,496	-
\$1,000	604,053	346,270	42,182	16,053	99,625	18,891	-
Farms with expenses of-							
\$1 to \$999	5,758	631	756	505	569	1,414	-
\$1,000 to \$4,999	4,492	1,958	343	305	341	684	-
\$5,000 to \$24,999	5,520	3,834	148	225	237	280	-
\$25,000 to \$49,999	2,033	1,464	40	69	86	32	-
\$50,000 or more	2,981	1,998	144	71	223	86	-
Cover crop seed purchased (see text) .....farms	4,189	1,733	442	296	206	650	-
\$1,000	9,812	6,400	1,126	180	105	536	-
Livestock and poultry purchased or leased .....farms	11,498	1,515	410	223	190	1,368	-
\$1,000	390,358	30,896	1,966	496	168	12,241	-
Farms with expenses of-							
\$1 to \$4,999	8,346	843	376	214	184	1,141	-
\$5,000 to \$24,999	1,882	437	28	8	6	161	-
\$25,000 to \$99,999	659	173	4	-	-	32	-
\$100,000 to \$249,999	295	40	-	-	-	23	-
\$250,000 or more	316	22	2	1	-	11	-
Breeding livestock purchased or leased .....farms	4,570	503	110	35	40	506	-
\$1,000	87,771	5,469	170	24	51	2,843	-
Other livestock and poultry purchased or leased (see text) .....farms	8,630	1,153	360	206	181	1,034	-
\$1,000	302,587	25,427	1,796	472	117	9,398	-
Feed purchased .....farms	22,882	2,739	628	374	315	3,005	-
\$1,000	1,269,333	27,736	3,404	609	559	14,397	-
Farms with expenses of-							
\$1 to \$4,999	16,153	1,917	554	354	300	2,605	-
\$5,000 to \$24,999	4,397	626	56	18	15	329	-
\$25,000 to \$99,999	1,147	142	15	2	-	48	-
\$100,000 to \$249,999	482	38	1	-	-	17	-
\$250,000 or more	703	16	2	-	-	6	-
Gasoline, fuels, and oils purchased .....farms	45,095	12,090	1,745	2,465	2,207	10,567	-
\$1,000	313,479	121,849	21,688	14,888	26,812	21,447	-
Farms with expenses of-							
\$1 to \$4,999	36,097	7,458	1,431	1,975	1,696	9,887	-
\$5,000 to \$24,999	6,460	3,441	173	357	313	578	-
\$25,000 to \$49,999	1,319	735	38	73	84	43	-
\$50,000 or more	1,219	456	103	60	114	59	-
Utilities .....farms	32,201	9,757	1,315	1,845	1,732	6,203	-
\$1,000	190,561	45,878	12,288	11,188	25,116	10,718	-
Farms with expenses of-							
\$1 to \$999	13,037	2,695	632	744	674	3,468	-
\$1,000 to \$4,999	13,346	4,876	404	693	552	2,385	-
\$5,000 to \$24,999	4,573	1,898	174	308	348	320	-
\$25,000 to \$49,999	648	180	50	56	56	18	-
\$50,000 or more	597	108	55	44	102	12	-
Repairs, supplies, and maintenance costs .....farms	39,756	11,467	1,582	2,215	2,015	8,773	-
\$1,000	524,438	184,258	35,874	30,786	47,748	35,391	-
Farms with expenses of-							
\$1 to \$4,999	26,275	5,066	1,150	1,431	1,356	7,159	-
\$5,000 to \$24,999	9,321	4,333	230	533	414	1,447	-
\$25,000 to \$49,999	2,120	1,228	67	118	101	84	-
\$50,000 or more	2,040	840	135	133	144	83	-
Hired farm labor .....farms	11,907	3,552	715	1,203	1,040	1,884	-
\$1,000	952,388	125,049	101,025	119,460	228,684	19,189	-
Farms with expenses of-							
\$1 to \$4,999	5,360	1,519	230	382	250	1,396	-
\$5,000 to \$24,999	2,464	857	161	269	247	333	-
\$25,000 to \$99,999	2,359	833	173	286	220	111	-
\$100,000 to \$249,999	986	272	55	143	163	35	-
\$250,000 or more	738	71	96	123	160	9	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)	
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)								
FARM PRODUCTION EXPENSES										
Total farm production expenses ¹	farms	-	11,779	5,578	388	1,530	715	857	1,721	5,919
	\$1,000	-	281,814	250,694	184,437	1,675,357	543,146	423,883	24,594	168,604
Average per farm	dollars	-	23,925	44,943	475,354	1,095,005	759,645	494,612	14,290	28,485
Fertilizer, lime, and soil conditioners purchased	farms	-	3,662	1,948	305	1,374	252	217	337	1,338
	\$1,000	-	24,544	10,126	12,312	54,188	10,888	1,757	548	2,325
Farms with expenses of-										
\$1 to \$4,999		-	3,029	1,626	96	356	110	188	326	1,264
\$5,000 to \$24,999		-	481	231	117	496	69	16	8	61
\$25,000 to \$49,999		-	71	56	41	249	19	4	2	6
\$50,000 or more		-	81	35	51	273	54	9	1	7
Chemicals purchased	farms	-	2,379	1,167	279	1,168	250	147	193	827
	\$1,000	-	12,765	3,778	5,292	24,401	6,333	1,429	194	679
Farms with expenses of-										
\$1 to \$4,999		-	2,120	1,023	140	453	129	128	189	807
\$5,000 to \$24,999		-	163	117	98	464	55	6	3	13
\$25,000 to \$49,999		-	41	15	17	130	30	8	-	6
\$50,000 or more		-	55	12	24	121	36	5	1	1
Seeds, plants, vines, and trees purchased	farms	-	2,496	1,358	261	1,233	251	283	232	723
	\$1,000	-	18,891	6,473	10,073	48,639	11,337	2,659	300	1,553
Farms with expenses of-										
\$1 to \$999		-	1,414	761	14	73	69	203	199	564
\$1,000 to \$4,999		-	684	374	63	188	36	50	24	126
\$5,000 to \$24,999		-	280	159	98	450	42	16	7	24
\$25,000 to \$49,999		-	32	37	40	226	35	4	-	-
\$50,000 or more		-	86	27	46	296	69	10	2	9
Cover crop seed purchased (see text)	farms	-	650	248	75	242	67	69	30	131
	\$1,000	-	536	179	162	835	180	37	7	64
Livestock and poultry purchased or leased	farms	-	1,368	2,899	337	695	653	648	976	1,584
	\$1,000	-	12,241	57,056	62,798	58,137	107,857	43,349	3,198	12,194
Farms with expenses of-										
\$1 to \$4,999		-	1,141	2,141	55	320	423	555	862	1,232
\$5,000 to \$24,999		-	161	502	101	173	53	32	103	278
\$25,000 to \$99,999		-	32	122	76	134	32	16	7	63
\$100,000 to \$249,999		-	23	74	56	34	42	19	3	4
\$250,000 or more		-	11	60	49	34	103	26	1	7
Breeding livestock purchased or leased	farms	-	506	1,315	57	581	187	75	640	521
	\$1,000	-	2,843	27,716	3,126	37,782	4,710	1,542	1,264	3,072
Other livestock and poultry purchased or leased (see text)	farms	-	1,034	2,046	311	234	586	624	598	1,297
	\$1,000	-	9,398	29,339	59,672	20,356	103,147	41,807	1,934	9,122
Feed purchased	farms	-	3,005	5,378	384	1,529	694	841	1,612	5,383
	\$1,000	-	14,397	64,097	36,928	620,876	254,333	205,006	4,784	36,604
Farms with expenses of-										
\$1 to \$4,999		-	2,605	3,936	84	142	371	642	1,400	3,848
\$5,000 to \$24,999		-	329	1,153	149	300	121	123	201	1,306
\$25,000 to \$99,999		-	48	153	80	452	24	19	11	201
\$100,000 to \$249,999		-	17	74	42	241	38	14	-	17
\$250,000 or more		-	6	62	29	394	140	43	-	11
Gasoline, fuels, and oils purchased	farms	-	10,567	5,414	382	1,515	692	820	1,576	5,622
	\$1,000	-	21,447	11,638	6,322	62,755	8,303	7,859	1,269	8,647
Farms with expenses of-										
\$1 to \$4,999		-	9,887	5,007	208	392	531	736	1,537	5,239
\$5,000 to \$24,999		-	578	349	128	576	101	50	39	355
\$25,000 to \$49,999		-	43	30	26	238	19	15	-	18
\$50,000 or more		-	59	28	20	309	41	19	-	10
Utilities	farms	-	6,203	3,808	367	1,402	504	574	960	3,734
	\$1,000	-	10,718	7,258	2,053	45,502	8,756	11,852	1,035	8,918
Farms with expenses of-										
\$1 to \$999		-	3,468	1,847	68	116	178	334	641	1,640
\$1,000 to \$4,999		-	2,385	1,741	203	164	150	170	290	1,718
\$5,000 to \$24,999		-	320	202	84	722	98	38	28	353
\$25,000 to \$49,999		-	18	6	8	194	52	12	1	15
\$50,000 or more		-	12	12	4	206	26	20	-	8
Repairs, supplies, and maintenance costs	farms	-	8,773	4,651	382	1,472	583	703	1,286	4,627
	\$1,000	-	35,391	20,135	9,404	117,501	10,756	12,510	2,548	17,527
Farms with expenses of-										
\$1 to \$4,999		-	7,159	3,805	141	201	385	586	1,173	3,822
\$5,000 to \$24,999		-	1,447	727	154	489	115	83	110	686
\$25,000 to \$49,999		-	84	83	46	279	33	8	2	71
\$50,000 or more		-	83	36	41	503	50	26	1	48
Hired farm labor	farms	-	1,884	761	144	1,031	169	134	232	1,042
	\$1,000	-	19,189	10,736	8,494	230,184	36,182	47,653	1,476	24,256
Farms with expenses of-										
\$1 to \$4,999		-	1,396	516	48	103	62	65	204	585
\$5,000 to \$24,999		-	333	144	26	182	27	21	18	179
\$25,000 to \$99,999		-	111	74	53	320	31	23	6	229
\$100,000 to \$249,999		-	35	22	14	204	28	6	4	40
\$250,000 or more		-	9	5	3	222	21	19	-	9

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)	
						Total	Tobacco farming (11191)
FARM PRODUCTION EXPENSES - Con.							
Total farm production expenses ¹ - Con.							
Contract labor .....farms	3,245	770	245	576	281	403	-
\$1,000	109,346	9,923	13,749	25,369	26,117	3,747	-
Farms with expenses of-							
\$1 to \$999	679	153	34	52	54	157	-
\$1,000 to \$4,999	1,001	260	63	159	84	142	-
\$5,000 to \$24,999	1,014	260	87	196	99	80	-
\$25,000 to \$49,999	235	53	15	69	21	12	-
\$50,000 or more	316	44	46	100	23	12	-
Customwork and custom hauling .....farms	9,567	4,287	278	357	187	1,280	-
\$1,000	165,370	39,282	12,490	5,056	6,594	6,244	-
Farms with expenses of-							
\$1 to \$999	2,733	788	71	52	59	559	-
\$1,000 to \$4,999	3,514	1,860	78	136	66	561	-
\$5,000 to \$24,999	2,318	1,340	69	136	38	120	-
\$25,000 to \$49,999	490	180	19	20	9	20	-
\$50,000 or more	512	119	41	13	15	20	-
Cash rent for land, buildings, and grazing fees .....farms	12,268	6,699	378	277	256	1,594	-
\$1,000	486,995	318,623	32,619	10,876	7,521	21,166	-
Farms with expenses of-							
\$1 to \$4,999	5,375	2,015	176	105	139	1,217	-
\$5,000 to \$9,999	1,603	965	31	35	40	166	-
\$10,000 to \$24,999	1,943	1,385	43	52	26	83	-
\$25,000 or more	3,347	2,334	128	85	51	128	-
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....farms	3,900	1,531	188	270	191	567	-
\$1,000	54,493	25,386	4,393	3,668	2,890	2,470	-
Farms with expenses of-							
\$1 to \$999	1,311	380	54	72	52	337	-
\$1,000 to \$4,999	1,120	439	53	96	54	139	-
\$5,000 to \$24,999	964	453	47	76	59	74	-
\$25,000 to \$49,999	233	133	15	14	8	6	-
\$50,000 or more	272	126	19	12	18	11	-
Interest expense .....farms	16,660	6,134	575	912	729	2,756	-
\$1,000	297,871	120,026	14,383	15,794	13,839	20,187	-
Farms with expenses of-							
\$1 to \$4,999	7,977	2,405	276	463	376	1,733	-
\$5,000 to \$24,999	6,266	2,555	192	313	249	899	-
\$25,000 to \$99,999	1,895	961	78	103	82	105	-
\$100,000 or more	522	213	29	33	22	19	-
Secured by real estate .....farms	13,505	4,785	439	733	593	2,244	-
\$1,000	212,045	85,942	8,597	13,210	8,347	15,361	-
Farms with expenses of-							
\$1 to \$999	1,661	501	64	86	87	402	-
\$1,000 to \$4,999	4,864	1,410	156	267	228	978	-
\$5,000 to \$24,999	5,227	2,054	146	265	202	774	-
\$25,000 to \$49,999	890	437	33	57	38	56	-
\$50,000 or more	863	383	40	58	38	34	-
Not secured by real estate .....farms	9,651	4,040	359	461	364	1,407	-
\$1,000	85,827	34,084	5,786	2,584	5,492	4,826	-
Farms with expenses of-							
\$1 to \$999	2,908	951	97	128	122	592	-
\$1,000 to \$4,999	3,921	1,539	145	213	147	670	-
\$5,000 to \$24,999	2,167	1,269	76	96	75	106	-
\$25,000 to \$49,999	382	173	18	17	7	24	-
\$50,000 or more	273	108	23	7	13	15	-
Property taxes paid .....farms	45,697	11,684	1,667	2,471	2,175	11,517	-
\$1,000	250,626	94,987	10,350	14,906	10,854	41,419	-
Farms with expenses of-							
\$1 to \$4,999	33,243	6,454	1,281	1,719	1,625	9,519	-
\$5,000 to \$9,999	7,118	2,628	186	430	309	1,442	-
\$10,000 to \$24,999	3,944	1,949	115	234	196	435	-
\$25,000 or more	1,392	653	85	88	45	121	-
Medical supplies, veterinary, and custom services for livestock (see text) .....farms	16,114	1,916	278	173	154	1,908	-
\$1,000	101,203	4,052	167	106	82	2,416	-
Farms with expenses of-							
\$1 to \$4,999	14,254	1,747	272	170	154	1,838	-
\$5,000 to \$24,999	1,234	134	6	3	-	60	-
\$25,000 to \$49,999	282	28	-	-	-	6	-
\$50,000 to \$99,999	162	7	-	-	-	4	-
\$100,000 or more	182	-	-	-	-	-	-
All other production expenses (see text) .....farms	20,261	7,392	844	1,244	1,203	3,406	-
\$1,000	544,913	119,297	39,306	46,985	102,211	14,582	-
Farms with expenses of-							
\$1 to \$4,999	12,289	3,378	515	685	683	2,861	-
\$5,000 to \$24,999	5,165	2,700	186	297	272	460	-
\$25,000 to \$49,999	1,258	751	42	76	107	41	-
\$50,000 to \$99,999	784	383	36	73	41	29	-
\$100,000 or more	765	180	65	113	100	15	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)							
FARM PRODUCTION EXPENSES - Con.									
Total farm production expenses ¹ - Con.									
Contract labor farms	-	403	156	26	206	159	55	50	318
\$1,000	-	3,747	562	374	13,926	4,013	8,235	287	3,044
Farms with expenses of-									
\$1 to \$999	-	157	71	3	21	2	13	28	91
\$1,000 to \$4,999	-	142	63	9	57	26	16	12	110
\$5,000 to \$24,999	-	80	16	11	55	96	13	8	93
\$25,000 to \$49,999	-	12	5	2	25	13	6	1	13
\$50,000 or more	-	12	1	1	48	22	7	1	11
Customwork and custom hauling farms	-	1,280	982	200	1,033	201	69	176	517
\$1,000	-	6,244	4,539	2,521	65,573	14,126	6,639	132	2,174
Farms with expenses of-									
\$1 to \$999	-	559	575	47	91	31	14	139	307
\$1,000 to \$4,999	-	561	272	70	271	11	12	36	141
\$5,000 to \$24,999	-	120	91	60	327	69	18	1	49
\$25,000 to \$49,999	-	20	24	16	122	53	17	-	10
\$50,000 or more	-	20	20	7	222	37	8	-	10
Cash rent for land, buildings, and grazing fees farms	-	1,594	1,040	231	1,107	201	68	108	309
\$1,000	-	21,166	7,170	8,662	56,972	17,427	2,953	338	2,668
Farms with expenses of-									
\$1 to \$4,999	-	1,217	830	111	329	71	30	97	255
\$5,000 to \$9,999	-	166	99	38	178	21	12	9	9
\$10,000 to \$24,999	-	83	53	29	213	34	10	-	15
\$25,000 or more	-	128	58	53	387	75	16	2	30
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms	-	567	303	58	400	49	52	57	234
\$1,000	-	2,470	725	836	10,994	1,671	442	98	921
Farms with expenses of-									
\$1 to \$999	-	337	186	14	54	2	32	40	88
\$1,000 to \$4,999	-	139	82	23	112	6	9	16	91
\$5,000 to \$24,999	-	74	26	11	132	27	7	-	52
\$25,000 to \$49,999	-	6	9	2	38	6	-	-	2
\$50,000 or more	-	11	-	8	64	8	4	1	1
Interest expense farms	-	2,756	1,759	239	1,135	247	257	390	1,527
\$1,000	-	20,187	13,100	6,621	64,747	11,428	6,173	2,059	9,515
Farms with expenses of-									
\$1 to \$4,999	-	1,733	1,043	91	258	104	118	233	877
\$5,000 to \$24,999	-	899	632	80	406	68	101	156	615
\$25,000 to \$99,999	-	105	80	60	317	49	28	1	31
\$100,000 or more	-	19	4	8	154	26	10	-	4
Secured by real estate farms	-	2,244	1,470	187	938	215	214	359	1,328
\$1,000	-	15,361	10,704	4,033	44,009	7,843	4,366	1,803	7,831
Farms with expenses of-									
\$1 to \$999	-	402	199	20	46	26	13	47	170
\$1,000 to \$4,999	-	978	651	52	192	68	81	170	611
\$5,000 to \$24,999	-	774	522	66	350	63	93	141	521
\$25,000 to \$49,999	-	56	33	35	145	22	17	1	16
\$50,000 or more	-	34	35	14	205	36	10	-	10
Not secured by real estate farms	-	1,407	914	160	775	139	106	190	736
\$1,000	-	4,826	2,397	2,589	20,739	3,585	1,807	256	1,683
Farms with expenses of-									
\$1 to \$999	-	592	422	32	88	33	23	154	266
\$1,000 to \$4,999	-	670	378	58	253	31	50	27	410
\$5,000 to \$24,999	-	106	100	51	271	42	21	9	51
\$25,000 to \$49,999	-	24	11	13	87	18	6	-	8
\$50,000 or more	-	15	3	6	76	15	6	-	1
Property taxes paid farms	-	11,517	5,380	376	1,487	672	833	1,649	5,786
\$1,000	-	41,419	17,656	2,834	22,595	5,783	4,028	4,559	20,656
Farms with expenses of-									
\$1 to \$4,999	-	9,519	4,604	204	572	476	661	1,466	4,662
\$5,000 to \$9,999	-	1,442	576	74	319	84	110	135	825
\$10,000 to \$24,999	-	435	164	79	356	60	46	48	262
\$25,000 or more	-	121	36	19	240	52	16	-	37
Medical supplies, veterinary, and custom services for livestock (see text) farms	-	1,908	3,619	384	1,488	541	372	1,324	3,957
\$1,000	-	2,416	6,495	3,621	57,389	14,862	3,700	858	7,455
Farms with expenses of-									
\$1 to \$4,999	-	1,838	3,444	296	552	482	343	1,314	3,642
\$5,000 to \$24,999	-	60	140	68	483	30	9	10	291
\$25,000 to \$49,999	-	6	23	13	185	8	3	-	16
\$50,000 to \$99,999	-	4	5	1	131	1	7	-	6
\$100,000 or more	-	-	7	6	137	20	10	-	2
All other production expenses (see text) farms	-	3,406	1,900	291	1,310	285	242	451	1,693
\$1,000	-	14,582	9,152	5,293	120,977	19,092	57,637	913	9,470
Farms with expenses of-									
\$1 to \$4,999	-	2,861	1,592	127	268	155	192	431	1,402
\$5,000 to \$24,999	-	460	254	141	538	51	17	14	235
\$25,000 to \$49,999	-	41	24	4	155	23	10	4	21
\$50,000 to \$99,999	-	29	21	7	137	24	10	2	21
\$100,000 or more	-	15	9	12	212	32	13	-	14

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)	
						Total	Tobacco farming (11191)
FARM PRODUCTION EXPENSES - Con.							
Production expenses paid by landlords ¹ .....farms	648	381	22	22	16	68	-
\$1,000	11,510	7,118	240	1,355	110	781	-
Depreciation expenses claimed .....farms	20,933	7,704	748	1,264	1,067	4,130	-
\$1,000	743,296	304,321	39,952	47,783	50,472	41,653	-
NET CASH FARM INCOME (SEE TEXT)							
Net cash farm income of operations .....farms	47,641	12,466	1,826	2,549	2,313	11,779	-
\$1,000	1,496,660	534,243	103,575	86,700	143,510	26,324	-
Average per farm .....dollars	31,415	42,856	56,722	34,013	62,045	2,235	-
Farms with net gains ² .....number	21,009	8,197	1,118	1,335	1,222	4,673	-
Average net gain .....dollars	95,516	80,502	109,498	97,535	149,450	21,575	-
Gain of-							
Less than \$1,000	1,520	295	79	95	58	675	-
\$1,000 to \$4,999	3,955	1,069	277	189	167	1,514	-
\$5,000 to \$9,999	2,764	997	161	187	134	848	-
\$10,000 to \$24,999	3,887	1,726	214	232	207	873	-
\$25,000 to \$49,999	2,581	1,249	111	169	166	401	-
\$50,000 or more	6,302	2,861	276	463	490	362	-
Farms with net losses .....number	26,632	4,269	708	1,214	1,091	7,106	-
Average net loss .....dollars	19,151	29,430	26,616	35,840	35,855	10,483	-
Loss of-							
Less than \$1,000	1,964	304	107	83	104	876	-
\$1,000 to \$4,999	8,098	1,070	228	381	372	2,782	-
\$5,000 to \$9,999	6,171	769	133	244	208	1,506	-
\$10,000 to \$24,999	6,605	983	116	240	214	1,344	-
\$25,000 to \$49,999	2,046	539	37	106	72	399	-
\$50,000 or more	1,748	604	87	160	121	199	-
Net cash farm income of producers (see text) ....farms	47,641	12,466	1,826	2,549	2,313	11,779	-
\$1,000	1,389,905	495,424	99,044	82,997	143,493	25,154	-
Average per farm .....dollars	29,175	39,742	54,241	32,561	62,038	2,135	-
Producers reporting net gains ² (see text) .....farms	20,859	8,086	1,118	1,331	1,223	4,670	-
Average net gain .....dollars	91,840	78,090	105,900	95,626	149,307	21,274	-
Gain of-							
Less than \$1,000	1,519	291	79	95	60	673	-
\$1,000 to \$4,999	3,929	1,054	277	190	166	1,514	-
\$5,000 to \$9,999	2,774	1,002	161	187	136	850	-
\$10,000 to \$24,999	3,902	1,717	215	229	205	873	-
\$25,000 to \$49,999	2,572	1,233	111	168	166	397	-
\$50,000 or more	6,163	2,789	275	462	490	363	-
Producers reporting net losses (see text) .....farms	26,782	4,380	708	1,218	1,090	7,109	-
Average net loss .....dollars	19,632	31,052	27,333	36,356	35,880	10,437	-
Loss of-							
Less than \$1,000	1,976	311	107	83	104	875	-
\$1,000 to \$4,999	8,122	1,080	228	381	372	2,787	-
\$5,000 to \$9,999	6,215	798	133	246	207	1,511	-
\$10,000 to \$24,999	6,601	993	116	242	214	1,339	-
\$25,000 to \$49,999	2,059	553	36	104	72	398	-
\$50,000 or more	1,809	645	88	162	121	199	-
COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)							
Total .....farms	451	365	11	4	-	20	-
\$1,000	52,640	45,064	968	(D)	-	1,432	-
INCOME FROM FARM-RELATED SOURCES							
Total income from farm-related sources .....farms	19,796	7,188	650	1,027	785	4,601	-
\$1,000	316,717	122,854	7,861	27,793	9,324	51,967	-
Customwork and other agricultural services ..farms	2,730	1,341	65	144	97	474	-
\$1,000	55,394	33,175	1,007	4,729	1,429	4,423	-
Gross cash rent or share payments .....farms	8,104	2,203	281	386	263	2,866	-
\$1,000	86,474	33,944	2,820	2,506	1,393	29,609	-
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products .....farms	1,836	386	92	139	144	581	-
\$1,000	16,373	3,773	226	1,044	690	6,399	-
Agri-tourism and recreational services .....farms	754	100	64	88	73	131	-
\$1,000	20,989	1,118	1,111	6,418	1,655	1,402	-
Patronage dividends and refunds from cooperatives .....farms	7,139	3,740	212	435	221	707	-
\$1,000	29,647	10,592	1,062	4,145	709	1,341	-
Crop and livestock insurance payments received .....farms	2,201	1,495	34	143	27	169	-
\$1,000	44,560	27,735	1,007	5,966	1,178	1,827	-
Amount from State and local government agricultural program payments .....farms	464	280	10	11	4	82	-
\$1,000	3,209	2,239	157	39	16	245	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)							
FARM PRODUCTION EXPENSES - Con.									
Production expenses paid by landlords ¹ farms	-	68	38	5	56	10	6	-	24
\$1,000	-	781	251	550	838	145	2	-	122
Depreciation expenses claimed farms	-	4,130	2,040	281	1,310	295	268	429	1,397
\$1,000	-	41,653	29,948	12,635	144,244	26,347	29,437	2,295	14,209
NET CASH FARM INCOME (SEE TEXT)									
Net cash farm income of operations farms	-	11,779	5,578	388	1,530	715	857	1,721	5,919
\$1,000	-	26,324	1,149	34,034	444,515	110,084	63,155	-10,263	-40,365
Average per farm .....dollars	-	2,235	206	87,717	290,532	153,964	73,693	-5,963	-6,820
Farms with net gains ² number	-	4,673	1,387	271	1,307	264	153	241	841
Average net gain .....dollars	-	21,575	42,630	154,498	358,971	448,987	499,634	13,345	50,385
Gain of-									
Less than \$1,000	-	675	129	4	8	19	5	67	86
\$1,000 to \$4,999	-	1,514	385	15	15	23	34	62	205
\$5,000 to \$9,999	-	848	201	25	24	11	9	44	123
\$10,000 to \$24,999	-	873	272	41	66	20	33	39	164
\$25,000 to \$49,999	-	401	166	42	121	19	20	10	107
\$50,000 or more	-	362	234	144	1,073	172	52	19	156
Farms with net losses number	-	7,106	4,191	117	223	451	704	1,480	5,078
Average net loss .....dollars	-	10,483	13,834	66,963	110,587	18,732	18,877	9,107	16,294
Loss of-									
Less than \$1,000	-	876	204	6	9	11	20	78	162
\$1,000 to \$4,999	-	2,782	1,092	10	23	159	246	536	1,199
\$5,000 to \$9,999	-	1,506	1,179	9	24	135	195	465	1,304
\$10,000 to \$24,999	-	1,344	1,313	21	50	110	171	327	1,716
\$25,000 to \$49,999	-	399	272	24	21	19	33	65	459
\$50,000 or more	-	199	131	47	96	17	39	9	238
Net cash farm income of producers (see text) ... farms	-	11,779	5,578	388	1,530	715	857	1,721	5,919
\$1,000	-	25,154	1,078	30,482	444,637	67,845	52,565	-10,460	-42,354
Average per farm .....dollars	-	2,135	193	78,561	290,612	94,888	61,336	-6,078	-7,156
Producers reporting net gains ² (see text) farms	-	4,670	1,387	269	1,307	238	148	241	841
Average net gain .....dollars	-	21,274	42,037	150,879	359,058	332,573	445,542	12,527	47,951
Gain of-									
Less than \$1,000	-	673	131	4	8	19	5	69	85
\$1,000 to \$4,999	-	1,514	373	15	15	24	34	62	205
\$5,000 to \$9,999	-	850	203	25	24	10	9	44	123
\$10,000 to \$24,999	-	873	285	46	65	23	40	39	165
\$25,000 to \$49,999	-	397	166	45	123	23	23	10	107
\$50,000 or more	-	363	229	134	1,072	139	37	17	156
Producers reporting net losses (see text) farms	-	7,109	4,191	119	223	477	709	1,480	5,078
Average net loss .....dollars	-	10,437	13,655	84,915	110,549	23,706	18,864	9,107	16,282
Loss of-									
Less than \$1,000	-	875	210	6	9	11	20	78	162
\$1,000 to \$4,999	-	2,787	1,096	10	22	160	249	536	1,201
\$5,000 to \$9,999	-	1,511	1,181	9	24	135	196	465	1,310
\$10,000 to \$24,999	-	1,339	1,305	22	52	111	171	327	1,709
\$25,000 to \$49,999	-	398	267	23	20	30	33	65	458
\$50,000 or more	-	199	132	49	96	30	40	9	238
COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)									
Total farms	-	20	5	5	29	11	-	-	1
\$1,000	-	1,432	(D)	204	1,724	2,674	-	-	(D)
INCOME FROM FARM-RELATED SOURCES									
Total income from farm-related sources farms	-	4,601	1,790	236	963	264	206	384	1,702
\$1,000	-	51,967	16,594	4,529	16,482	6,539	5,475	1,929	45,370
Customwork and other agricultural services .. farms	-	474	223	46	135	45	25	33	102
\$1,000	-	4,423	2,764	1,168	2,791	1,305	499	161	1,942
Gross cash rent or share payments farms	-	2,866	878	56	91	88	92	191	709
\$1,000	-	29,609	6,664	702	1,242	1,565	604	961	4,464
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products farms	-	581	160	13	94	25	19	59	124
\$1,000	-	6,399	1,372	204	858	224	(D)	(D)	1,307
Agri-tourism and recreational services farms	-	131	47	4	12	6	17	29	183
\$1,000	-	1,402	755	3	154	34	805	356	7,180
Patronage dividends and refunds from cooperatives farms	-	707	533	154	807	124	37	48	121
\$1,000	-	1,341	655	582	7,223	1,353	1,683	26	276
Crop and livestock insurance payments received farms	-	169	94	38	125	16	5	6	49
\$1,000	-	1,827	868	1,069	2,597	605	(D)	(D)	1,041
Amount from State and local government agricultural program payments farms	-	82	20	5	29	4	1	3	15
\$1,000	-	245	65	34	310	40	(D)	(D)	57

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)		
						Total	Tobacco farming (11191)	
INCOME FROM FARM-RELATED SOURCES - Con.								
Total income from farm-related sources - Con.								
Other farm-related income sources (see text)	farms	3,055	798	87	132	121	583	-
	\$1,000	60,070	10,279	471	2,946	2,254	6,720	-
LAND USE								
Total cropland	farms	40,597	12,466	1,826	2,549	2,313	11,285	-
	acres	7,924,480	5,120,868	274,479	165,201	88,981	779,448	-
Harvested cropland	farms	35,147	12,466	1,826	2,549	2,313	7,552	-
	acres	7,214,667	4,934,463	246,674	135,681	69,432	505,126	-
Farms by acres harvested:								
1 to 49 acres		19,624	3,123	1,494	2,021	2,063	5,373	-
50 to 99 acres		4,425	1,990	94	192	140	1,146	-
100 to 199 acres		3,607	2,136	59	169	37	620	-
200 to 499 acres		3,662	2,449	63	115	49	286	-
500 to 999 acres		2,056	1,452	50	41	22	69	-
1,000 to 1,999 acres		1,228	916	41	8	1	37	-
2,000 acres or more		545	400	25	3	1	21	-
Cropland-								
Other pasture and grazing land that could have been used for crops without additional improvements	farms	3,406	523	122	119	96	657	-
	acres	97,239	22,081	1,394	3,340	1,855	16,891	-
On which all crops failed or were abandoned	farms	2,757	710	162	192	163	990	-
	acres	86,579	27,256	2,656	3,213	2,494	28,561	-
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed	farms	11,091	2,415	523	728	516	4,939	-
	acres	441,772	113,192	20,202	17,372	12,275	198,082	-
In summer fallow (see text)	farms	3,207	689	194	269	172	1,194	-
	acres	84,223	23,876	3,553	5,595	2,925	30,788	-
Total woodland	farms	24,339	5,662	799	1,403	974	6,864	-
	acres	975,652	260,632	31,119	54,880	39,311	301,254	-
Woodland pastured	farms	3,772	383	82	107	65	718	-
	acres	85,275	11,320	1,323	1,400	499	14,324	-
Woodland not pastured	farms	22,448	5,508	762	1,352	951	6,540	-
	acres	890,377	249,312	29,796	53,480	38,812	286,930	-
Permanent pasture and rangeland, other than cropland and woodland pastured	farms	17,476	1,672	375	282	219	3,474	-
	acres	341,391	33,164	4,934	3,649	2,164	64,626	-
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.	farms	32,103	7,201	1,175	1,712	1,471	7,792	-
	acres	522,567	153,716	19,086	31,555	21,591	133,657	-
Irrigated land	farms	5,153	1,017	929	876	1,263	442	-
	acres	670,212	386,944	124,299	34,558	23,496	18,287	-
Harvested cropland	farms	4,914	1,006	929	869	1,258	409	-
	acres	666,976	386,593	124,206	34,534	23,457	17,714	-
Pastureland and other land	farms	316	27	18	11	14	42	-
	acres	3,236	351	93	24	39	573	-
CONSERVATION AND CROP INSURANCE								
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs	farms	4,478	1,637	37	64	39	2,295	-
	acres	129,038	36,995	716	2,156	846	75,471	-
Land enrolled in crop insurance programs	farms	8,834	5,937	188	679	182	617	-
	acres	4,549,417	3,497,014	130,374	90,638	13,968	170,158	-
ORGANIC AGRICULTURE								
Total organic product sales	farms	646	225	131	33	40	72	-
	\$1,000	176,069	41,958	7,381	2,629	(D)	1,684	-
VALUE OF LAND AND BUILDINGS								
Estimated market value of land and buildings	farms	47,641	12,466	1,826	2,549	2,313	11,779	-
	\$1,000	48,385,690	27,108,691	1,739,383	1,953,022	1,182,980	5,176,551	-
Average per farm	dollars	1,015,631	2,174,610	952,565	766,192	511,448	439,473	-
Average per acre	dollars	4,955	4,868	5,277	7,650	7,780	4,047	-
Farms by value group:								
\$1 to \$49,999		2,803	277	265	221	270	582	-
\$50,000 to \$99,999		3,608	438	184	192	246	1,089	-
\$100,000 to \$199,999		8,893	1,138	390	445	478	2,623	-
\$200,000 to \$499,999		16,453	2,733	573	861	801	5,124	-
\$500,000 to \$999,999		6,887	2,419	166	392	289	1,620	-
\$1,000,000 to \$1,999,999		3,748	2,016	85	214	134	481	-
\$2,000,000 to \$4,999,999		3,217	2,056	78	162	59	173	-
\$5,000,000 to \$9,999,999		1,366	918	59	42	28	61	-
\$10,000,000 or more		666	471	26	20	8	26	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)							
INCOME FROM FARM-RELATED SOURCES - Con.									
Total income from farm-related sources - Con.									
Other farm-related income sources (see text) farms	-	583	270	36	110	65	41	80	732
\$1,000	-	6,720	3,451	768	1,307	1,414	1,218	137	29,105
LAND USE									
Total cropland farms	-	11,285	3,581	344	1,446	392	479	779	3,137
acres	-	779,448	265,615	132,605	837,407	135,473	25,438	18,150	80,815
Harvested cropland farms	-	7,552	3,089	340	1,438	326	287	507	2,454
acres	-	505,126	212,477	120,927	769,828	129,968	20,423	10,861	58,807
Farms by acres harvested:									
1 to 49 acres	-	5,373	2,164	71	164	159	248	469	2,275
50 to 99 acres	-	1,146	454	46	178	27	11	28	119
100 to 199 acres	-	620	242	84	194	22	8	4	32
200 to 499 acres	-	286	167	83	385	35	10	5	15
500 to 999 acres	-	69	42	29	308	32	5	1	5
1,000 to 1,999 acres	-	37	16	19	143	36	3	-	8
2,000 acres or more	-	21	4	8	66	15	2	-	-
Cropland-									
Other pasture and grazing land that could have been used for crops without additional improvements farms	-	657	680	50	259	64	97	174	565
acres	-	16,891	18,518	3,533	15,665	1,383	884	2,833	8,862
On which all crops failed or were abandoned farms	-	990	247	28	93	21	31	70	50
acres	-	28,561	10,035	862	7,068	722	508	1,336	1,868
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed farms	-	4,939	651	77	307	108	150	185	492
acres	-	198,082	17,609	6,202	39,458	2,963	2,616	2,561	9,240
In summer fallow (see text) farms	-	1,194	293	29	130	20	52	52	113
acres	-	30,788	6,976	1,081	5,388	437	1,007	559	2,038
Total woodland farms	-	6,864	2,928	199	799	391	447	874	2,999
acres	-	301,254	102,112	11,731	52,109	15,045	7,671	15,774	84,014
Woodland pastured farms	-	718	1,048	38	117	119	102	269	724
acres	-	14,324	26,578	1,276	4,008	1,573	740	2,129	20,105
Woodland not pastured farms	-	6,540	2,360	190	742	320	392	756	2,575
acres	-	286,930	75,534	10,455	48,101	13,472	6,931	13,645	63,909
Permanent pasture and rangeland, other than cropland and woodland pastured farms	-	3,474	4,158	178	689	340	372	1,352	4,365
acres	-	64,626	107,768	9,503	27,063	3,712	3,388	15,718	65,702
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	-	7,792	4,023	295	1,132	584	698	1,404	4,616
acres	-	133,657	43,993	9,147	35,869	9,640	7,885	8,337	48,091
Irrigated land farms	-	442	124	30	146	85	50	47	144
acres	-	18,287	4,257	3,966	36,293	31,665	3,342	364	2,741
Harvested cropland farms	-	409	76	27	137	76	45	15	67
acres	-	17,714	3,639	3,910	35,848	31,539	3,324	56	2,156
Pastureland and other land farms	-	42	53	3	13	10	5	41	79
acres	-	573	618	56	445	126	18	308	585
CONSERVATION AND CROP INSURANCE									
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs farms	-	2,295	102	29	62	40	20	34	119
acres	-	75,471	2,144	776	4,196	700	472	1,322	3,244
Land enrolled in crop insurance programs farms	-	617	282	142	620	101	19	25	42
acres	-	170,158	69,975	85,536	384,958	80,197	11,024	2,164	13,411
ORGANIC AGRICULTURE									
Total organic product sales farms	-	72	24	-	89	7	8	3	14
\$1,000	-	1,684	678	-	15,746	509	(D)	3	82
VALUE OF LAND AND BUILDINGS									
Estimated market value of land and buildings ... farms	-	11,779	5,578	388	1,530	715	857	1,721	5,919
\$1,000	-	5,176,551	2,178,023	742,428	4,617,160	907,434	431,677	416,089	1,932,252
Average per farm .....dollars	-	439,473	390,467	1,913,474	3,017,752	1,269,139	503,707	241,772	326,449
Average per acre .....dollars	-	4,047	4,193	4,555	4,848	5,538	9,726	7,177	6,935
Farms by value group:									
\$1 to \$49,999	-	582	400	21	21	92	85	178	391
\$50,000 to \$99,999	-	1,089	502	7	34	70	101	215	530
\$100,000 to \$199,999	-	2,623	1,380	21	49	150	192	573	1,454
\$200,000 to \$499,999	-	5,124	2,251	92	204	207	329	589	2,689
\$500,000 to \$999,999	-	1,620	712	94	251	49	96	132	667
\$1,000,000 to \$1,999,999	-	481	203	63	339	43	19	30	121
\$2,000,000 to \$4,999,999	-	173	102	64	392	56	24	1	50
\$5,000,000 to \$9,999,999	-	61	26	19	161	30	5	3	14
\$10,000,000 or more	-	26	2	7	79	18	6	-	3

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)	
						Total	Tobacco farming (11191)
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment .....farms	47,637	12,466	1,826	2,549	2,313	11,777	-
\$1,000	7,371,356	3,652,398	359,277	321,435	243,652	707,545	-
Farms by value group:							
\$1 to \$4,999	2,977	270	179	196	218	851	-
\$5,000 to \$9,999	3,761	336	198	198	218	1,247	-
\$10,000 to \$19,999	6,473	841	274	382	322	2,105	-
\$20,000 to \$49,999	12,446	2,219	541	607	611	3,746	-
\$50,000 to \$99,999	8,333	2,138	265	476	432	2,183	-
\$100,000 to \$199,999	5,550	2,128	107	285	227	1,068	-
\$200,000 to \$499,999	4,513	2,307	109	259	200	430	-
\$500,000 or more	3,584	2,227	153	146	85	147	-
SELECTED MACHINERY AND EQUIPMENT							
Trucks, including pickups .....farms	36,665	10,797	1,325	1,968	1,721	7,710	-
number	75,227	28,675	3,595	4,586	3,978	11,782	-
Tractors, all .....farms	39,667	11,347	1,397	2,174	1,748	9,437	-
number	119,056	46,949	4,837	7,239	3,868	22,835	-
Less than 40 horsepower (PTO) .....farms	21,371	4,950	953	1,402	1,255	5,283	-
number	32,779	8,351	1,779	2,431	1,985	7,851	-
40 to 99 horsepower (PTO) .....farms	27,616	8,584	856	1,430	935	6,854	-
number	50,072	16,245	1,936	4,299	1,526	11,403	-
100 horsepower (PTO) or more .....farms	15,281	8,824	369	310	203	2,255	-
number	36,205	22,353	1,122	509	357	3,581	-
Grain and bean combines, self-propelled .....farms	10,496	7,810	163	57	39	947	-
number	12,046	9,076	197	60	52	1,036	-
Cotton pickers and strippers, self-propelled .....farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	1,818	371	33	53	18	402	-
number	1,989	405	33	59	18	447	-
Hay balers .....farms	15,006	3,630	187	126	96	4,895	-
number	19,507	4,757	223	149	115	6,342	-
FERTILIZERS AND CHEMICALS							
Commercial fertilizer, lime, and soil conditioners used .....farms	22,234	10,815	1,184	1,570	1,049	2,872	-
acres treated	5,515,923	3,974,039	217,020	112,468	43,063	249,765	-
Manure used .....farms	9,687	2,584	414	183	212	1,600	-
acres treated	825,365	306,972	12,433	3,796	2,443	59,613	-
Organic fertilizer used (see text) .....farms	1,401	330	223	134	141	179	-
acres treated	82,256	50,895	1,329	1,752	590	4,620	-
Acres treated to control-							
Insects .....farms	8,158	3,528	713	1,462	768	624	-
acres	2,171,602	1,482,511	177,855	115,701	31,024	80,005	-
Weeds, grass, or brush .....farms	17,875	10,256	647	1,386	748	1,740	-
acres	5,919,857	4,487,096	234,422	107,503	42,693	190,809	-
Nematodes .....farms	1,573	900	117	259	69	68	-
acres	407,101	283,134	47,740	9,763	1,716	10,042	-
Diseases in crops and orchards .....farms	4,573	1,764	506	1,234	446	321	-
acres	944,112	592,586	112,777	93,311	14,485	55,844	-
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms	1,490	540	104	589	98	94	-
acres on which used	281,266	138,555	53,515	55,151	845	20,921	-
LAND USE PRACTICES							
Land drained by tile .....farms	12,704	6,931	395	476	321	1,861	-
acres	3,029,891	2,306,925	71,942	28,028	14,745	170,099	-
Land artificially drained by ditches .....farms	8,363	3,176	316	398	337	1,811	-
acres	1,055,439	735,579	26,135	15,801	11,603	105,235	-
Land under conservation easement .....farms	974	295	40	107	33	317	-
acres	72,425	32,067	1,475	8,599	1,082	17,804	-
Cropland on which no-till practices were used .....farms	8,174	5,252	425	272	232	850	-
acres	1,566,334	1,314,392	26,629	11,683	3,794	30,987	-
Cropland on which reduced tillage, excluding no till, practices were used (see text) .....farms	7,720	4,945	443	151	169	724	-
acres	2,297,131	1,743,578	96,069	5,757	5,267	86,285	-
Cropland on which intensive tillage practices were used (see text) .....farms	11,727	6,436	905	332	357	1,587	-
acres	2,343,703	1,748,904	120,835	8,890	12,292	101,113	-
Cropland planted to a cover crop (excluding CRP) .....farms	6,275	2,364	602	517	384	1,158	-
acres	673,205	398,090	80,252	14,980	6,199	56,208	-
RENEWABLE ENERGY							
Renewable energy producing systems .....farms	3,689	744	171	256	202	797	-
Solar panels .....farms	1,589	198	92	135	77	326	-
Wind turbines .....farms	625	249	20	45	11	138	-
Methane digesters .....farms	16	3	-	-	-	3	-
Geothermal/geoexchange systems (see text) .....farms	1,464	292	56	92	106	342	-
Small hydro systems .....farms	36	5	5	1	3	8	-
Biodiesel production systems (see text) .....farms	53	16	1	-	2	9	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)							
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment farms	-	11,777	5,578	388	1,530	715	857	1,721	5,917
..... \$1,000	-	707,545	399,493	129,684	914,980	175,430	91,576	63,657	312,228
Farms by value group:									
\$1 to \$4,999	-	851	350	7	14	58	68	288	478
\$5,000 to \$9,999	-	1,247	528	8	29	44	95	204	656
\$10,000 to \$19,999	-	2,105	748	10	62	87	132	299	1,211
\$20,000 to \$49,999	-	3,746	1,770	58	138	159	273	566	1,758
\$50,000 to \$99,999	-	2,183	1,151	49	152	138	157	222	970
\$100,000 to \$199,999	-	1,068	602	98	229	95	79	91	541
\$200,000 to \$499,999	-	430	340	105	363	44	24	49	283
\$500,000 or more	-	147	89	53	543	90	29	2	20
SELECTED MACHINERY AND EQUIPMENT									
Trucks, including pickups farms	-	7,710	4,500	361	1,286	592	575	1,237	4,593
..... number	-	11,782	6,786	867	4,370	1,348	1,024	1,546	6,670
Tractors, all farms	-	9,437	4,751	363	1,377	568	576	1,132	4,797
..... number	-	22,835	11,144	1,571	7,920	1,624	1,146	1,798	8,125
Less than 40 horsepower (PTO) farms	-	5,283	2,457	131	460	335	382	711	3,052
..... number	-	7,851	3,454	208	795	490	579	879	3,977
40 to 99 horsepower (PTO) farms	-	6,854	3,572	301	1,142	323	321	625	2,673
..... number	-	11,403	5,844	622	2,795	520	430	818	3,634
100 horsepower (PTO) or more farms	-	2,255	1,110	284	1,189	183	79	79	396
..... number	-	3,581	1,846	741	4,330	614	137	101	514
Grain and bean combines, self-propelled farms	-	947	423	165	653	123	30	15	71
..... number	-	1,036	448	192	725	138	30	16	76
Cotton pickers and strippers, self-propelled farms	-	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled farms	-	402	263	63	501	4	3	20	87
..... number	-	447	281	64	559	4	3	21	95
Hay balers farms	-	4,895	2,541	277	1,137	122	109	341	1,545
..... number	-	6,342	3,384	371	1,583	168	127	410	1,878
FERTILIZERS AND CHEMICALS									
Commercial fertilizer, lime, and soil conditioners used farms	-	2,872	1,596	291	1,274	218	137	234	994
..... acres treated	-	249,765	116,150	105,689	546,156	99,864	16,758	5,506	29,445
Manure used farms	-	1,600	1,640	259	1,009	209	166	268	1,143
..... acres treated	-	59,613	55,757	36,146	282,372	40,036	4,898	3,719	17,180
Organic fertilizer used (see text) farms	-	179	99	11	123	19	22	21	99
..... acres treated	-	4,620	3,250	1,756	11,695	3,521	118	424	2,306
Acres treated to control-									
Insects farms	-	624	210	97	416	98	36	30	176
..... acres	-	80,005	27,241	44,000	154,555	47,000	8,066	486	3,158
Weeds, grass, or brush farms	-	1,740	880	253	1,100	199	81	137	448
..... acres	-	190,809	80,896	102,964	519,468	117,200	17,769	2,996	16,041
Nematodes farms	-	68	29	25	78	14	6	2	6
..... acres	-	10,042	6,101	11,875	28,948	7,740	(D)	(D)	32
Diseases in crops and orchards farms	-	321	78	45	109	29	1	18	22
..... acres	-	55,844	12,820	20,087	26,051	14,759	(D)	(D)	313
Chemicals used to control growth, thin fruit, ripen, or defoliate farms	-	94	16	16	22	5	-	3	3
..... acres on which used	-	20,921	1,448	7,242	3,059	(D)	-	(D)	3
LAND USE PRACTICES									
Land drained by tile farms	-	1,861	830	176	762	132	95	137	588
..... acres	-	170,099	56,529	62,173	260,628	40,522	5,873	2,896	9,531
Land artificially drained by ditches farms	-	1,811	839	86	294	133	111	180	682
..... acres	-	105,235	43,180	11,214	68,738	12,440	5,237	4,488	15,789
Land under conservation easement farms	-	317	69	16	19	4	21	6	47
..... acres	-	17,804	4,321	2,231	2,007	17	845	74	1,903
Cropland on which no-till practices were used farms	-	850	328	113	421	107	30	56	88
..... acres	-	30,987	26,261	18,501	91,093	35,298	4,135	1,308	2,253
Cropland on which reduced tillage, excluding no till, practices were used (see text) farms	-	724	299	147	587	106	46	34	69
..... acres	-	86,285	27,185	51,302	210,828	53,159	11,603	1,002	5,096
Cropland on which intensive tillage practices were used (see text) farms	-	1,587	717	144	819	118	56	53	203
..... acres	-	101,113	38,789	34,950	226,314	39,181	3,032	672	8,731
Cropland planted to a cover crop (excluding CRP) farms	-	1,158	363	103	377	75	76	68	188
..... acres	-	56,208	15,579	21,553	58,888	16,074	2,556	528	2,298
RENEWABLE ENERGY									
Renewable energy producing systems farms	-	797	401	53	173	49	135	141	567
Solar panels farms	-	326	180	9	84	26	77	75	310
Wind turbines farms	-	138	48	18	50	14	4	14	14
Methane digesters farms	-	3	-	-	4	-	-	5	1
Geothermal/geoexchange systems (see text) farms	-	342	132	27	29	9	70	56	253
Small hydro systems farms	-	8	10	-	1	-	-	-	3
Biodiesel production systems (see text) farms	-	9	5	1	3	-	-	11	5

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)	
						Total	Tobacco farming (11191)
RENEWABLE ENERGY - Con.							
Renewable energy producing systems - Con.							
Ethanol production systems (see text) .....farms	53	28	4	-	1	13	-
Other .....farms	236	50	17	11	18	55	-
Wind rights leased to others .....farms	1,519	843	16	24	12	290	-
TENURE							
Full owners .....farms	32,208	4,904	1,307	2,119	1,970	9,404	-
Part owners .....farms	13,383	6,665	357	350	216	2,107	-
Tenants .....farms	2,050	897	162	80	127	268	-
OWNED AND RENTED LAND							
Land owned .....farms	45,709	11,620	1,670	2,469	2,190	11,558	-
acres	6,377,759	2,940,201	202,675	232,142	143,242	1,267,126	-
Owned land in farms .....farms	45,591	11,569	1,664	2,469	2,186	11,511	-
acres	5,758,976	2,752,550	186,472	211,666	128,694	1,023,453	-
Land rented or leased from others .....farms	15,551	7,601	522	436	345	2,413	-
acres	4,040,596	2,830,408	145,840	44,801	23,802	262,400	-
Rented or leased land in farms .....farms	15,433	7,562	519	430	343	2,375	-
acres	4,005,114	2,815,830	143,146	43,619	23,353	255,532	-
Land rented or leased to others .....farms	8,659	2,254	323	434	293	3,084	-
acres	654,265	202,229	18,897	21,658	14,997	250,541	-
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT)							
Total producers (see text)	80,432	19,694	3,469	4,769	4,389	18,835	-
Farms by number of producers:							
1 producer	21,709	6,875	642	1,015	851	5,922	-
2 producers	21,735	4,499	950	1,189	1,134	5,156	-
3 producers	2,563	690	139	173	169	428	-
4 producers	1,167	327	49	102	105	171	-
5 or more producers	467	75	46	70	54	102	-
Total male producers (see text)	51,989	14,841	2,122	3,056	2,714	12,067	-
Farms by number of male producers:							
1 producer	37,927	9,925	1,383	1,948	1,702	9,715	-
2 producers	4,548	1,715	173	290	311	806	-
3 producers	1,098	369	62	94	73	140	-
4 producers	235	64	9	29	21	45	-
5 or more producers	115	17	26	22	14	22	-
Total female producers (see text)	28,443	4,853	1,347	1,713	1,675	6,768	-
Farms by number of female producers:							
1 producer	24,212	4,268	1,083	1,382	1,265	5,961	-
2 producers	1,622	255	88	102	143	287	-
3 producers	200	17	19	19	20	40	-
4 producers	63	6	6	10	14	17	-
5 or more producers	22	-	1	6	1	7	-
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT)							
Sex of producers:							
Male	51,449	14,762	2,042	2,957	2,646	11,952	-
Female	27,955	4,789	1,297	1,643	1,616	6,658	-
Hired managers (see text)	4,499	1,109	455	594	744	347	-
Primary occupation:							
Farming	34,706	11,039	1,722	2,274	2,091	6,064	-
Other	44,698	8,512	1,617	2,326	2,171	12,546	-
Place of residence:							
On farm operated	63,913	15,282	2,502	3,189	2,658	14,302	-
Not on farm operated	15,491	4,269	837	1,411	1,604	4,308	-
Days of work off farm:							
None	33,132	9,467	1,286	1,876	1,905	7,760	-
Any	46,272	10,084	2,053	2,724	2,357	10,850	-
1 to 49 days	6,652	1,538	340	472	433	1,749	-
50 to 99 days	3,277	710	175	272	238	796	-
100 to 199 days	5,906	1,224	356	431	347	1,266	-
200 days or more	30,437	6,612	1,182	1,549	1,339	7,039	-
Years on present farm:							
2 years or less	4,559	706	369	320	322	849	-
3 or 4 years	5,759	1,028	462	402	308	1,071	-
5 to 9 years	11,170	2,298	694	840	592	2,262	-
10 years or more	57,916	15,519	1,814	3,038	3,040	14,428	-
Average years on present farm	22.7	27.9	16.7	19.3	20.9	23.9	-
Years operating any farm (see text):							
5 years or less	10,752	1,862	841	782	676	2,038	-
6 to 10 years	9,496	1,836	614	781	528	2,028	-
11 years or more	59,156	15,853	1,884	3,037	3,058	14,544	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)							
RENEWABLE ENERGY - Con.									
Renewable energy producing systems - Con.									
Ethanol production systems (see text) farms	-	13	4	-	-	-	-	-	3
Other farms	-	55	41	3	13	-	-	12	16
Wind rights leased to others farms	-	290	122	26	98	19	2	15	52
TENURE									
Full owners farms	-	9,404	4,016	139	365	497	745	1,488	5,254
Part owners farms	-	2,107	1,373	239	1,106	165	90	172	543
Tenants farms	-	268	189	10	59	53	22	61	122
OWNED AND RENTED LAND									
Land owned farms	-	11,558	5,395	378	1,473	663	835	1,660	5,798
acres	-	1,267,126	440,569	97,729	562,868	105,989	40,090	60,179	284,949
Owned land in farms farms	-	11,511	5,389	378	1,471	662	835	1,660	5,797
acres	-	1,023,453	382,641	91,796	550,879	100,171	32,695	50,552	247,407
Land rented or leased from others farms	-	2,413	1,577	251	1,168	220	112	235	671
acres	-	262,400	139,965	71,618	403,895	66,817	11,935	7,530	31,585
Rented or leased land in farms farms	-	2,375	1,562	249	1,165	218	112	233	665
acres	-	255,532	136,847	71,190	401,569	63,699	11,687	7,427	31,215
Land rented or leased to others farms	-	3,084	927	60	83	96	102	232	771
acres	-	250,541	61,046	6,361	14,315	8,936	7,643	9,730	37,912
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT)									
Total producers (see text)	-	18,835	9,339	670	3,167	1,302	1,585	2,992	10,221
Farms by number of producers:	-								
1 producer	-	5,922	2,383	178	524	297	280	598	2,144
2 producers	-	5,156	2,794	156	597	334	486	1,010	3,430
3 producers	-	428	269	42	245	32	56	89	231
4 producers	-	171	116	9	125	38	21	15	89
5 or more producers	-	102	16	3	39	14	14	9	25
Total male producers (see text)	-	12,067	5,819	496	2,319	826	898	1,573	5,258
Farms by number of male producers:	-								
1 producer	-	9,715	4,797	302	941	576	675	1,326	4,637
2 producers	-	806	367	66	351	74	74	106	215
3 producers	-	140	84	18	173	27	6	9	43
4 producers	-	45	7	2	31	4	13	2	8
5 or more producers	-	22	1	-	6	1	1	-	5
Total female producers (see text)	-	6,768	3,520	174	848	476	687	1,419	4,963
Farms by number of female producers:	-								
1 producer	-	5,961	3,081	148	635	361	583	1,242	4,203
2 producers	-	287	194	10	89	27	41	69	317
3 producers	-	40	13	2	9	15	6	13	27
4 producers	-	17	1	-	2	4	1	-	2
5 or more producers	-	7	1	-	-	-	-	-	6
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT)									
Sex of producers:									
Male	-	11,952	5,805	494	2,300	816	882	1,569	5,224
Female	-	6,658	3,501	170	809	453	678	1,412	4,929
Hired managers (see text)	-	347	108	50	721	76	48	21	226
Primary occupation:									
Farming	-	6,064	3,242	385	2,669	442	596	874	3,308
Other	-	12,546	6,064	279	440	827	964	2,107	6,845
Place of residence:									
On farm operated	-	14,302	8,338	552	2,598	1,067	1,409	2,833	9,183
Not on farm operated	-	4,308	968	112	511	202	151	148	970
Days of work off farm:									
None	-	7,760	3,023	297	2,311	332	497	820	3,558
Any	-	10,850	6,283	367	798	937	1,063	2,161	6,595
1 to 49 days	-	1,749	605	55	245	72	146	199	798
50 to 99 days	-	796	345	39	49	59	75	115	404
100 to 199 days	-	1,266	763	49	77	109	145	276	863
200 days or more	-	7,039	4,570	224	427	697	697	1,571	4,530
Years on present farm:									
2 years or less	-	849	662	18	133	154	179	265	582
3 or 4 years	-	1,071	901	27	182	243	213	272	650
5 to 9 years	-	2,262	1,545	70	397	238	351	649	1,234
10 years or more	-	14,428	6,198	549	2,397	634	817	1,795	7,687
Average years on present farm	-	23.9	20.1	27.4	24.6	14.9	14.4	17.2	20.2
Years operating any farm (see text):									
5 years or less	-	2,038	1,550	29	276	418	427	617	1,236
6 to 10 years	-	2,028	1,285	77	309	187	281	501	1,069
11 years or more	-	14,544	6,471	558	2,524	664	852	1,863	7,848

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)	
						Total	Tobacco farming (11191)
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT) - Con.							
Years operating any farm (see text): - Con.							
Average years on any farm	24.6	29.9	18.3	21.2	22.5	25.6	-
Age group:							
Under 25 years	1,488	301	78	80	66	191	-
25 to 34 years	5,697	1,659	392	260	307	835	-
35 to 44 years	9,612	2,045	662	513	602	1,517	-
45 to 54 years	14,706	3,417	606	808	724	2,908	-
55 to 64 years	23,131	5,749	891	1,490	1,252	5,445	-
65 to 74 years	16,495	3,947	512	997	964	4,814	-
75 years and over	8,275	2,433	198	452	347	2,900	-
Average age	56.6	57.3	52.1	57.4	56.1	60.5	-
Young producers (see text)	8,012	2,110	536	389	433	1,153	-
Producers of Hispanic, Latino, or Spanish origin	1,024	140	70	222	83	173	-
Producers by race:							
American Indian or Alaska Native	351	22	15	23	26	80	-
Asian	155	23	19	27	11	28	-
Black or African American	342	45	85	58	19	58	-
Native Hawaiian or Other Pacific Islander	8	1	-	-	-	5	-
White	78,010	19,377	3,194	4,452	4,191	18,273	-
More than one race reported	538	83	26	40	15	166	-
Military service (see text):							
Never served	71,988	18,040	3,098	4,165	3,879	16,273	-
Served	7,416	1,511	241	435	383	2,337	-
Number of persons living in producers' households (see text)	158,308	40,901	7,006	8,837	8,453	34,236	-
On farm involvement in decisionmaking (see text):							
Day-to-day decisions	69,711	16,981	2,906	3,966	3,692	16,166	-
Land use and/or crop decisions	60,124	15,660	2,742	3,597	3,259	13,779	-
Livestock decisions	42,028	6,414	1,360	1,031	1,045	8,712	-
Record keeping and/or financial management	58,779	15,185	2,426	3,356	3,085	13,413	-
Estate planning or succession planning	44,474	11,389	1,631	2,548	2,115	10,700	-
FARMS BY TYPE OF ORGANIZATION (SEE TEXT)							
Operation more than 50 percent owned by one producer's household and/or extended family (see text)							
farms	45,826	11,875	1,729	2,439	2,173	11,359	-
acres	8,865,787	5,089,109	281,118	222,513	133,829	1,188,455	-
Limited Liability Company	5,084	1,233	350	538	440	821	-
acres	1,864,099	1,070,052	83,642	60,372	29,104	146,751	-
LEGAL STATUS FOR TAX PURPOSES							
Family or individual							
farms	40,523	10,395	1,398	1,986	1,590	10,424	-
acres	6,181,513	3,504,750	137,688	139,520	82,843	1,003,138	-
Partnership	3,246	1,206	175	233	204	542	-
acres	2,091,147	1,328,893	109,058	38,797	21,546	121,969	-
Registered under State law	2,620	984	155	207	176	430	-
acres	1,781,076	1,108,836	104,342	35,315	19,502	104,189	-
Corporation	2,880	682	203	278	465	443	-
acres	1,315,561	683,007	77,385	71,482	44,459	102,148	-
Family held	2,540	630	167	242	407	373	-
acres	1,205,096	646,285	71,950	56,069	33,676	86,730	-
More than 10 stockholders	32	7	4	1	2	10	-
10 or less stockholders	2,508	623	163	241	405	363	-
Other than family held	340	52	36	36	58	70	-
acres	110,465	36,722	5,435	15,413	10,783	15,418	-
More than 10 stockholders	23	-	5	6	3	1	-
10 or less stockholders	317	52	31	30	55	69	-
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	992	183	50	52	54	370	-
acres	175,869	51,730	5,487	5,486	3,199	51,730	-
HIRED FARM LABOR							
Hired farm labor	11,907	3,552	715	1,203	1,040	1,884	-
workers	77,475	10,929	10,427	17,440	15,458	5,649	-
Workers by days worked:							
150 days or more	5,589	1,641	343	560	592	528	-
workers	27,177	3,875	2,572	3,200	6,182	1,121	-
Less than 150 days	9,295	2,685	646	1,087	868	1,572	-
workers	50,298	7,054	7,855	14,240	9,276	4,528	-
Migrant farm labor on farms with hired labor	760	93	152	377	56	29	-
Migrant farm labor on farms reporting only							
contract labor	68	4	12	36	4	12	-
Unpaid workers	23,260	4,970	942	1,330	1,017	5,959	-
workers	54,839	10,293	2,552	3,209	2,399	13,594	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)							
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT) - Con.									
Years operating any farm (see text): - Con.									
Average years on any farm	-	25.6	22.1	30.0	26.7	16.5	16.1	18.9	22.0
Age group:									
Under 25 years	-	191	238	14	148	65	62	97	148
25 to 34 years	-	835	873	58	337	176	109	246	445
35 to 44 years	-	1,517	1,292	91	579	334	362	474	1,141
45 to 54 years	-	2,908	1,991	117	654	322	342	617	2,200
55 to 64 years	-	5,445	2,572	210	851	259	387	896	3,129
65 to 74 years	-	4,814	1,645	128	337	95	218	518	2,320
75 years and over	-	2,900	695	46	203	18	80	133	770
Average age	-	60.5	54.1	55.0	50.9	46.3	51.3	53.1	57.0
Young producers (see text)	-	1,153	1,269	76	530	285	183	379	669
Producers of Hispanic, Latino, or Spanish origin	-	173	98	6	22	14	39	32	125
Producers by race:									
American Indian or Alaska Native	-	80	64	2	10	8	19	20	62
Asian	-	28	13	-	-	-	6	16	12
Black or African American	-	58	36	-	-	-	14	1	26
Native Hawaiian or Other Pacific Islander	-	5	-	-	-	-	-	-	2
White	-	18,273	9,113	662	3,095	1,249	1,507	2,936	9,961
More than one race reported	-	166	80	-	4	12	14	8	90
Military service (see text):									
Never served	-	16,273	8,477	624	2,992	1,160	1,378	2,698	9,204
Served	-	2,337	829	40	117	109	182	283	949
Number of persons living in producers' households (see text)	-	34,236	18,990	1,522	8,471	3,135	3,313	5,735	17,709
On farm involvement in decisionmaking (see text):									
Day-to-day decisions	-	16,166	8,312	589	2,799	1,099	1,390	2,649	9,162
Land use and/or crop decisions	-	13,779	6,979	512	2,361	860	1,048	2,155	7,172
Livestock decisions	-	8,712	7,906	556	2,494	1,035	1,231	2,523	7,721
Record keeping and/or financial management	-	13,413	7,100	532	2,308	981	1,129	2,210	7,054
Estate planning or succession planning	-	10,700	5,345	413	1,739	685	817	1,558	5,534
FARMS BY TYPE OF ORGANIZATION (SEE TEXT)									
Operation more than 50 percent owned by one producer's household and/or extended family (see text)									
farms	-	11,359	5,474	375	1,406	687	844	1,705	5,760
acres	-	1,188,455	486,742	141,806	821,975	146,707	41,643	55,981	255,909
Limited Liability Company	-	821	384	36	284	95	116	109	678
acres	-	146,751	61,882	21,793	269,050	52,789	16,638	4,253	47,773
LEGAL STATUS FOR TAX PURPOSES									
Family or individual	-	10,424	5,171	304	1,017	612	767	1,619	5,240
acres	-	1,003,138	421,533	84,897	443,111	82,812	27,159	51,876	202,186
Partnership	-	542	167	42	348	49	34	37	209
acres	-	121,969	38,841	32,124	322,150	36,684	10,515	2,318	28,252
Registered under State law	-	430	108	26	278	39	28	21	168
acres	-	104,189	31,785	25,537	283,011	32,672	10,128	1,602	24,157
Corporation	-	443	156	32	153	40	46	47	335
acres	-	102,148	42,142	41,745	172,200	42,279	5,662	3,331	29,721
Family held	-	373	146	30	147	34	40	39	285
acres	-	86,730	35,620	(D)	166,661	(D)	5,539	3,053	26,275
More than 10 stockholders	-	10	2	3	-	-	2	-	1
10 or less stockholders	-	363	144	27	147	34	38	39	284
Other than family held	-	70	10	2	6	6	6	8	50
acres	-	15,418	6,522	(D)	5,539	(D)	123	278	3,446
More than 10 stockholders	-	1	-	-	1	-	-	-	7
10 or less stockholders	-	69	10	2	5	6	6	8	43
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	-	370	84	10	12	14	10	18	135
acres	-	51,730	16,972	4,220	14,987	2,095	1,046	454	18,463
HIRED FARM LABOR									
Hired farm labor	-	1,884	761	144	1,031	169	134	232	1,042
workers	-	5,649	1,987	466	8,953	1,194	1,483	560	2,929
Workers by days worked:									
150 days or more	-	528	287	89	890	108	61	45	445
workers	-	1,121	567	238	6,441	725	1,076	132	1,048
Less than 150 days	-	1,572	584	81	575	115	109	202	771
workers	-	4,528	1,420	228	2,512	469	407	428	1,881
Migrant farm labor on farms with hired labor	-	29	1	-	35	5	-	-	11
Migrant farm labor on farms reporting only contract labor	-	12	-	-	-	-	-	-	-
farms	-	5,959	3,015	182	718	354	441	982	3,350
Unpaid workers	-	13,594	7,609	391	2,254	983	1,251	2,292	8,012

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)	
						Total	Tobacco farming (11191)
FARMS BY SIZE							
1 to 9 acres	5,154	186	536	442	667	489	-
10 to 49 acres	16,920	2,011	703	1,043	936	4,451	-
50 to 69 acres	3,697	766	122	199	164	1,408	-
70 to 99 acres	4,931	1,151	113	222	206	1,918	-
100 to 139 acres	3,681	1,142	70	191	115	1,269	-
140 to 179 acres	2,230	855	47	102	57	667	-
180 to 219 acres	1,526	680	24	73	33	419	-
220 to 259 acres	1,191	620	10	44	21	274	-
260 to 499 acres	3,591	1,933	54	144	63	612	-
500 to 999 acres	2,560	1,646	58	65	44	171	-
1,000 to 1,999 acres	1,504	1,014	56	17	6	71	-
2,000 acres or more	656	462	33	7	1	30	-
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)							
Oilseed and grain farming (1111)	12,466	12,466	-	-	-	-	-
Vegetable and melon farming (1112)	1,826	-	1,826	-	-	-	-
Fruit and tree nut farming (1113)	2,549	-	-	2,549	-	-	-
Greenhouse, nursery, and floriculture production (1114)	2,313	-	-	-	2,313	-	-
Other crop farming (1119)	11,779	-	-	-	-	11,779	-
Tobacco farming (11191)	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	11,779	-	-	-	-	11,779	-
Beef cattle ranching and farming (112111)	5,578	-	-	-	-	-	-
Cattle feedlots (112112)	388	-	-	-	-	-	-
Dairy cattle and milk production (11212)	1,530	-	-	-	-	-	-
Hog and pig farming (1122)	715	-	-	-	-	-	-
Poultry and egg production (1123)	857	-	-	-	-	-	-
Sheep and goat farming (1124)	1,721	-	-	-	-	-	-
Aquaculture and other animal production (1125, 1129) (see text)	5,919	-	-	-	-	-	-
OTHER FARM CHARACTERISTICS							
Farms reporting-							
Internet access	36,756	9,725	1,529	2,124	1,964	8,260	-
Dial-up	1,344	443	43	61	47	326	-
DSL	7,610	1,971	337	457	398	1,710	-
Cable modem	8,236	1,779	440	639	788	1,856	-
Fiber-optic	1,704	478	81	108	95	357	-
Mobile internet service for a cell phone or other device (see text)	15,570	4,273	615	898	764	3,262	-
Satellite	7,022	1,872	230	337	250	1,590	-
Don't know (see text)	2,748	880	103	134	119	643	-
Other internet service	1,376	332	60	85	47	306	-
Farms by number of households sharing in net income of operation:							
1 household	40,932	9,902	1,581	2,172	1,910	10,542	-
2 households	5,092	1,995	180	224	301	1,017	-
3 households	1,046	391	34	86	76	123	-
4 households	356	123	13	38	11	52	-
5 or more households	215	55	18	29	15	45	-
LIVESTOCK							
Cattle and calves inventory	12,221 farms 1,201,383 number	2,278 farms 120,384 number	188 farms 4,401 number	56 farms 1,514 number	69 farms 634 number	1,628 farms 46,520 number	-
Farms with-							
1 to 9	4,620	581	123	36	46	734	-
10 to 49	4,550	1,086	46	16	22	719	-
50 to 99	1,132	313	9	-	1	102	-
100 to 199	765	181	6	1	-	32	-
200 to 499	681	86	2	3	-	33	-
500 or more	473	31	2	-	-	8	-
Cows and heifers that calved	9,243 farms 545,554 number	1,405 farms 27,462 number	146 farms 1,091 number	35 farms 301 number	57 farms 320 number	1,314 farms 17,268 number	-
Beef cows							
Farms with-	7,445 farms 103,522 number	1,321 farms 22,988 number	107 farms 776 number	31 farms 259 number	47 farms 262 number	1,257 farms 15,598 number	-
1 to 9	4,341	578	82	24	40	724	-
10 to 49	2,755	658	24	6	7	490	-
50 to 99	263	69	1	-	-	33	-
100 to 199	68	13	-	1	-	9	-
200 to 499	16	3	-	-	-	1	-
500 or more	2	-	-	-	-	-	-
Milk cows							
Farms with-	2,158 farms 442,032 number	121 farms 4,474 number	46 farms 315 number	7 farms 42 number	24 farms 58 number	86 farms 1,670 number	-
1 to 9	582	59	41	6	22	67	-
10 to 49	462	23	3	1	2	9	-
50 to 99	353	25	-	-	-	2	-
100 to 199	303	12	2	-	-	7	-
200 to 499	270	2	-	-	-	1	-
500 or more	188	-	-	-	-	-	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)							
FARMS BY SIZE									
1 to 9 acres	-	489	717	15	23	208	214	516	1,141
10 to 49 acres	-	4,451	2,481	52	90	232	487	914	3,520
50 to 69 acres	-	1,408	475	10	36	47	37	81	352
70 to 99 acres	-	1,918	616	25	96	39	52	121	372
100 to 139 acres	-	1,269	405	47	135	30	15	35	227
140 to 179 acres	-	667	250	29	83	21	12	17	90
180 to 219 acres	-	419	124	23	69	14	8	10	49
220 to 259 acres	-	274	106	20	50	2	3	6	35
260 to 499 acres	-	612	249	77	324	37	17	15	66
500 to 999 acres	-	171	105	54	334	28	7	5	43
1,000 to 1,999 acres	-	71	41	25	208	41	3	1	21
2,000 acres or more	-	30	9	11	82	16	2	-	3
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)									
Oilseed and grain farming (1111)	-	-	-	-	-	-	-	-	-
Vegetable and melon farming (1112)	-	-	-	-	-	-	-	-	-
Fruit and tree nut farming (1113)	-	-	-	-	-	-	-	-	-
Greenhouse, nursery, and floriculture production (1114)	-	-	-	-	-	-	-	-	-
Other crop farming (1119)	-	11,779	-	-	-	-	-	-	-
Tobacco farming (11191)	-	-	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	-	11,779	-	-	-	-	-	-	-
Beef cattle ranching and farming (112111)	-	-	5,578	-	-	-	-	-	-
Cattle feedlots (112112)	-	-	-	388	-	-	-	-	-
Dairy cattle and milk production (11212)	-	-	-	-	1,530	-	-	-	-
Hog and pig farming (1122)	-	-	-	-	-	715	-	-	-
Poultry and egg production (1123)	-	-	-	-	-	-	857	-	-
Sheep and goat farming (1124)	-	-	-	-	-	-	-	1,721	-
Aquaculture and other animal production (1125, 1129) (see text)	-	-	-	-	-	-	-	-	5,919
OTHER FARM CHARACTERISTICS									
Farms reporting-									
Internet access	-	8,260	4,192	305	1,074	598	724	1,499	4,762
Dial-up	-	326	113	12	61	17	7	40	174
DSL	-	1,710	869	46	253	132	195	361	881
Cable modem	-	1,856	690	50	115	97	173	390	1,219
Fiber-optic	-	357	179	21	49	23	36	85	192
Mobile internet service for a cell phone or other device (see text)	-	3,262	1,854	131	494	292	309	581	2,097
Satellite	-	1,590	903	75	230	132	128	304	971
Don't know (see text)	-	643	326	33	103	31	30	78	268
Other internet service	-	306	176	7	39	32	23	100	169
Farms by number of households sharing in net income of operation:									
1 household	-	10,542	5,006	311	1,006	609	780	1,585	5,528
2 households	-	1,017	456	62	283	73	63	122	316
3 households	-	123	89	10	153	24	4	3	53
4 households	-	52	17	2	62	8	8	11	11
5 or more households	-	45	10	3	26	1	2	-	11
LIVESTOCK									
Cattle and calves inventory	-	1,628	5,248	368	1,530	184	104	165	403
Farms with- number	-	46,520	185,264	102,394	722,094	5,803	1,923	1,864	8,588
Farms with-	-								
1 to 9	-	734	2,480	2	71	99	77	125	246
10 to 49	-	719	2,134	93	182	62	17	37	136
50 to 99	-	102	319	87	274	7	7	1	12
100 to 199	-	32	147	76	309	9	1	1	2
200 to 499	-	33	112	68	367	5	2	-	3
500 or more	-	8	56	42	327	2	-	1	4
Cows and heifers that calved	-	1,314	4,033	127	1,530	128	83	94	291
Farms with- number	-	17,268	53,940	5,069	434,552	1,494	437	798	2,822
Beef cows	-	1,257	3,923	126	135	106	68	80	244
Farms with- number	-	15,598	50,999	5,063	3,212	1,307	387	776	1,895
Farms with-	-								
1 to 9	-	724	2,451	12	58	78	57	65	172
10 to 49	-	490	1,310	85	62	20	11	13	69
50 to 99	-	33	122	21	7	6	-	1	3
100 to 199	-	9	29	6	8	2	-	-	-
200 to 499	-	1	9	2	-	-	-	1	-
500 or more	-	-	2	-	-	-	-	-	-
Milk cows	-	86	207	6	1,530	30	17	15	69
Farms with- number	-	1,670	2,941	6	431,340	187	50	22	927
Farms with-	-								
1 to 9	-	67	169	6	99	21	17	15	60
10 to 49	-	9	27	-	382	9	-	-	6
50 to 99	-	2	1	-	324	-	-	-	1
100 to 199	-	7	8	-	273	-	-	-	1
200 to 499	-	1	1	-	266	-	-	-	-
500 or more	-	-	1	-	186	-	-	-	1

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)	
						Total	Tobacco farming (11191)
LIVESTOCK - Con.							
Cattle and calves inventory - Con.							
Other cattle (see text)	farms 9,557	1,916	124	42	40	1,178	-
	number 655,829	92,922	3,310	1,213	314	29,252	-
Cattle and calves sold	farms 9,539	1,852	104	33	41	989	-
	number 748,919	66,720	1,662	719	246	22,414	-
	\$1,000 628,397	76,210	1,466	1,024	215	24,749	-
Calves weighing less than 500 pounds	farms 3,347	376	12	10	11	303	-
	number 287,148	8,797	610	43	51	3,904	-
Cattle weighing 500 pounds or more	farms 8,692	1,757	95	23	36	875	-
	number 461,771	57,923	1,052	676	195	18,510	-
Cattle on feed (see text)	farms 1,168	458	7	4	-	84	-
	number 166,320	30,613	326	499	-	8,712	-
Hogs and pigs inventory	farms 2,017	288	81	19	39	211	-
	number 1,236,567	51,491	5,489	146	214	13,317	-
Farms with-							
1 to 24	1,564	199	76	18	39	194	-
25 to 49	120	21	1	1	-	8	-
50 to 99	72	19	3	-	-	3	-
100 to 199	40	19	-	-	-	2	-
200 to 499	18	3	-	-	-	-	-
500 or more	203	27	1	-	-	4	-
Hogs and pigs sold	farms 2,441	309	87	28	61	237	-
	number 4,076,081	103,239	24,017	137	517	31,503	-
	\$1,000 608,555	16,330	4,338	(D)	86	5,161	-
Sheep and lambs inventory (see text)	farms 2,483	183	71	46	48	275	-
	number 89,270	13,960	1,036	441	455	9,523	-
Sheep and lambs sold	farms 1,610	141	46	31	24	141	-
	number 62,018	8,778	648	153	120	5,279	-
Total horses and ponies inventory	farms 10,235	736	203	121	92	1,882	-
	number 64,200	3,020	936	351	352	9,790	-
Total horses and ponies sold (see text)	farms 1,480	67	27	10	11	120	-
	number 4,421	176	32	15	22	298	-
Goats, all inventory	farms 2,614	128	118	62	52	379	-
	number 29,226	1,396	1,085	307	448	2,905	-
Goats, all sold	farms 1,267	45	35	41	13	154	-
	number 13,653	531	447	181	76	748	-
POULTRY							
Layers inventory (see text)	farms 7,039	489	453	243	217	1,106	-
	number 15,074,549	13,580	20,213	(D)	6,452	34,646	-
Farms with-							
1 to 399	6,961	489	446	243	215	1,104	-
400 to 3,199	63	-	7	-	2	1	-
3,200 to 9,999	5	-	-	-	-	1	-
10,000 to 19,999	-	-	-	-	-	-	-
20,000 to 49,999	1	-	-	-	-	-	-
50,000 to 99,999	1	-	-	-	-	-	-
100,000 or more	8	-	-	-	-	-	-
Pullets for laying flock replacement inventory	farms 1,159	46	75	46	24	162	-
	number 4,933,440	1,923	2,255	922	488	4,723	-
Layers sold (see text)	farms 1,235	61	101	44	47	172	-
	number 5,036,819	2,868	7,877	(D)	3,338	9,212	-
Pullets for laying flock replacement sold	farms 132	-	10	2	2	16	-
	number 6,573,536	-	408	(D)	(D)	1,006	-
Broilers and other meat-type chickens sold	farms 1,582	63	98	52	57	176	-
	number 8,868,690	(D)	11,664	3,183	(D)	(D)	-
Farms with-							
1 to 1,999	1,539	62	98	52	57	175	-
2,000 to 59,999	21	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	22	1	-	-	-	1	-
Turkeys inventory (see text)	farms 1,036	41	65	31	28	121	-
	number 2,279,108	1,702	1,363	(D)	617	1,034	-
Turkeys sold (see text)	farms 767	22	44	7	32	92	-
	number 5,186,242	1,573	1,269	40	769	1,515	-
CROPS							
Barley for grain	farms 183	58	2	1	-	33	-
	acres 5,740	1,294	(D)	(D)	-	952	-
	bushels 272,067	59,761	(D)	(D)	-	44,675	-
Irrigated	farms 1	-	-	-	-	-	-
	acres (D)	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	114	37	2	1	-	22	-
25 to 99 acres	59	21	-	-	-	9	-
100 to 249 acres	7	-	-	-	-	2	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)							
LIVESTOCK - Con.									
Cattle and calves inventory - Con.									
Other cattle (see text)	farms	1,178	3,873	360	1,357	123	81	149	314
number	-	29,252	131,324	97,325	287,542	4,309	1,486	1,066	5,766
Cattle and calves sold	farms	989	4,163	388	1,440	94	38	76	321
number	-	22,414	218,302	108,507	316,322	8,308	516	535	4,668
\$1,000	-	24,749	177,874	153,886	183,141	4,167	398	453	4,815
Calves weighing less than 500 pounds	farms	303	1,372	37	1,072	26	4	30	94
number	-	3,904	87,565	2,686	175,026	7,001	13	127	1,325
Cattle weighing 500 pounds or more	farms	875	3,687	388	1,388	79	38	54	272
number	-	18,510	130,737	105,821	141,296	1,307	503	408	3,343
Cattle on feed (see text)	farms	84	101	388	99	10	4	2	11
number	-	8,712	7,723	102,853	12,838	777	(D)	(D)	1,663
Hogs and pigs inventory	farms	211	354	17	70	490	91	72	285
number	-	13,317	6,412	1,072	2,167	1,116,236	6,340	257	33,426
Farms with-									
1 to 24	-	194	335	9	45	253	81	72	243
25 to 49	-	8	10	-	14	40	5	-	20
50 to 99	-	3	5	7	7	17	2	-	9
100 to 199	-	2	2	-	3	11	1	-	2
200 to 499	-	-	1	-	-	12	-	-	2
500 or more	-	4	1	1	1	157	2	-	9
Hogs and pigs sold	farms	237	437	28	64	706	96	63	325
number	-	31,503	13,490	2,823	2,050	3,819,069	(D)	(D)	49,173
\$1,000	-	5,161	1,928	435	257	569,987	(D)	73	7,093
Sheep and lambs inventory (see text)	farms	275	218	4	43	53	84	1,139	319
number	-	9,523	4,278	35	882	863	1,832	48,249	7,716
Sheep and lambs sold	farms	141	131	4	27	52	47	796	170
number	-	5,279	2,140	18	739	772	525	37,865	4,981
Total horses and ponies inventory	farms	1,882	1,442	50	271	140	183	359	4,756
number	-	9,790	6,472	226	2,034	807	697	1,176	38,339
Total horses and ponies sold (see text)	farms	120	98	9	43	27	19	25	1,024
number	-	298	197	15	144	50	41	37	3,394
Goats, all inventory	farms	379	367	20	33	82	82	773	518
number	-	2,905	2,505	404	538	492	490	15,841	2,815
Goats, all sold	farms	154	166	11	10	34	26	555	177
number	-	748	811	670	92	219	111	8,429	1,338
POULTRY									
Layers inventory (see text)	farms	1,106	1,367	29	200	263	693	656	1,323
number	-	34,646	27,298	813	(D)	7,475	14,737,244	13,715	39,029
Farms with-									
1 to 399	-	1,104	1,367	29	199	261	639	656	1,313
400 to 3,199	-	1	-	-	-	2	41	-	10
3,200 to 9,999	-	1	-	-	-	-	4	-	-
10,000 to 19,999	-	-	-	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-	1	-	-
50,000 to 99,999	-	-	-	-	-	-	1	-	-
100,000 or more	-	-	-	-	1	-	7	-	-
Pullets for laying flock replacement inventory	farms	162	195	-	34	22	243	131	181
number	-	4,723	4,682	-	1,282	640	4,907,161	2,162	7,202
Layers sold (see text)	farms	172	184	1	29	61	204	113	218
number	-	9,212	10,603	(D)	(D)	(D)	4,836,925	3,757	96,862
Pullets for laying flock replacement sold	farms	16	16	-	-	-	48	9	29
number	-	1,006	218	-	-	-	6,569,009	196	2,647
Broilers and other meat-type chickens sold	farms	176	290	7	34	95	381	103	226
number	-	(D)	21,474	600	23,770	6,474	7,274,425	7,374	524,025
Farms with-									
1 to 1,999	-	175	290	7	28	95	354	102	219
2,000 to 59,999	-	-	-	-	6	-	8	1	6
60,000 to 99,999	-	-	-	-	-	-	-	-	-
100,000 or more	-	1	-	-	-	-	19	-	1
Turkeys inventory (see text)	farms	121	185	-	9	64	188	130	174
number	-	1,034	33,916	-	78	(D)	2,224,445	1,410	1,497
Turkeys sold (see text)	farms	92	101	1	2	65	212	79	110
number	-	1,515	977	(D)	(D)	(D)	5,152,607	(D)	2,106
CROPS									
Barley for grain	farms	33	34	6	29	1	-	2	17
acres	-	952	442	552	1,678	(D)	-	(D)	494
bushels	-	44,675	18,955	26,129	78,336	(D)	-	(D)	21,521
Irrigated	farms	-	-	-	-	-	-	-	1
acres	-	-	-	-	-	-	-	-	(D)
Farms by acres harvested:									
1 to 24 acres	-	22	27	2	11	-	-	1	11
25 to 99 acres	-	9	7	3	13	-	-	1	5
100 to 249 acres	-	2	-	-	4	-	-	-	1

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)	
						Total	Tobacco farming (11191)
CROPS - Con.							
Barley for grain - Con.							
Farms by acres harvested: - Con.							
250 to 499 acres	3	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
Corn for grain	11,195	8,407	208	81	44	541	-
farms							
acres	2,168,204	1,744,703	53,728	6,274	772	42,790	-
bushels	344,533,785	278,567,201	8,520,689	942,521	84,982	6,826,438	-
Irrigated	1,030	776	65	7	2	22	-
farms							
acres	313,638	235,611	31,012	951	(D)	6,041	-
Farms by acres harvested:							
1 to 24 acres	2,751	1,650	85	43	32	320	-
25 to 99 acres	3,530	2,843	33	21	12	128	-
100 to 249 acres	2,418	1,904	34	9	-	50	-
250 to 499 acres	1,413	1,122	30	6	-	29	-
500 acres or more	1,083	888	26	2	-	14	-
Corn for silage or greenchop	2,355	723	21	6	4	173	-
farms							
acres	331,133	80,913	713	248	(D)	9,526	-
tons	6,157,400	1,580,783	10,873	3,012	(D)	169,351	-
Irrigated	133	33	3	-	1	2	-
farms							
acres	21,043	6,013	(D)	-	(D)	(D)	-
Farms by acres harvested:							
1 to 24 acres	772	294	14	3	3	102	-
25 to 99 acres	802	263	4	3	1	46	-
100 to 249 acres	453	97	3	-	-	21	-
250 to 499 acres	192	37	-	-	-	3	-
500 acres or more	136	32	-	-	-	1	-
Dry edible beans, excluding chickpeas and limas (see text)	1,085	958	10	1	1	56	-
farms							
acres	225,334	196,605	2,363	(D)	(D)	15,030	-
cwt	4,487,274	3,873,407	40,136	(D)	(D)	314,459	-
Irrigated	58	49	3	-	-	2	-
farms							
acres	10,376	8,583	(D)	-	-	(D)	-
Farms by acres harvested:							
1 to 24 acres	97	81	2	1	1	11	-
25 to 99 acres	341	299	3	-	-	13	-
100 to 249 acres	346	315	2	-	-	12	-
250 to 499 acres	190	168	1	-	-	11	-
500 acres or more	111	95	2	-	-	9	-
Oats for grain	1,167	517	39	3	3	182	-
farms							
acres	34,492	18,478	1,570	(D)	26	3,472	-
bushels	2,079,160	1,179,443	92,603	(D)	710	178,949	-
Irrigated	5	1	1	1	-	-	-
farms							
acres	417	(D)	(D)	(D)	-	-	-
Farms by acres harvested:							
1 to 24 acres	778	312	24	2	3	141	-
25 to 99 acres	324	168	9	1	-	36	-
100 to 249 acres	59	34	5	-	-	5	-
250 to 499 acres	3	-	1	-	-	-	-
500 acres or more	3	3	-	-	-	-	-
Sorghum for grain	27	14	1	-	-	6	-
farms							
acres	1,888	1,526	(D)	-	-	18	-
bushels	225,714	204,808	(D)	-	-	810	-
Irrigated	7	7	-	-	-	-	-
farms							
acres	1,186	1,186	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	11	3	-	-	-	6	-
25 to 99 acres	11	6	1	-	-	-	-
100 to 249 acres	3	3	-	-	-	-	-
250 to 499 acres	2	2	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
Soybeans for beans	11,988	10,163	145	76	50	355	-
farms							
acres	2,487,343	2,215,234	33,608	7,692	4,845	37,272	-
bushels	107,048,753	95,001,710	1,523,315	285,374	180,626	1,585,821	-
Irrigated	699	567	35	6	4	12	-
farms							
acres	140,492	119,344	6,275	417	373	2,676	-
Farms by acres harvested:							
1 to 24 acres	1,918	1,442	37	21	17	142	-
25 to 99 acres	4,126	3,532	38	29	9	132	-
100 to 249 acres	3,051	2,617	31	20	22	42	-
250 to 499 acres	1,580	1,375	21	3	2	26	-
500 acres or more	1,313	1,197	18	3	-	13	-
Sugarbeets for sugar	661	486	8	-	-	111	-
farms							
acres	145,790	102,825	1,829	-	-	26,303	-
tons	3,693,023	2,551,276	41,888	-	-	678,571	-
Irrigated	25	14	1	-	-	9	-
farms							
acres	(D)	1,418	(D)	-	-	(D)	-
Sunflower seed, all	46	30	14	-	-	-	-
farms							
acres	1,735	1,715	(D)	-	-	-	-
pounds	3,095,470	3,087,002	(D)	-	-	-	-
Irrigated	9	6	3	-	-	-	-
farms							
acres	(D)	42	(D)	-	-	-	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (1122)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)							
CROPS - Con.									
Barley for grain - Con.									
Farms by acres harvested: - Con.									
250 to 499 acres	-	-	-	1	1	1	-	-	-
500 acres or more	-	-	-	-	-	-	-	-	-
Corn for grain	farms	541	456	211	913	171	50	29	84
acres	-	42,790	28,814	41,769	156,712	73,824	11,568	1,106	6,144
bushels	-	6,826,438	4,433,068	6,590,342	23,630,185	11,835,978	1,943,175	139,317	1,019,889
Irrigated	farms	22	12	14	60	55	11	-	6
acres	-	6,041	1,491	2,548	9,261	23,166	2,772	-	(D)
Farms by acres harvested:									
1 to 24 acres	-	320	286	24	175	33	19	19	65
25 to 99 acres	-	128	100	82	260	24	8	7	12
100 to 249 acres	-	50	40	61	267	39	11	2	1
250 to 499 acres	-	29	20	28	149	23	4	1	1
500 acres or more	-	14	10	16	62	52	8	-	5
Corn for silage or greenchop	farms	173	256	122	1,009	19	4	1	17
acres	-	9,526	12,086	15,188	210,655	835	153	(D)	723
tons	-	169,351	201,240	262,425	3,896,312	15,548	2,228	(D)	13,949
Irrigated	farms	2	8	5	79	-	-	-	2
acres	-	(D)	464	160	13,633	-	-	-	(D)
Farms by acres harvested:									
1 to 24 acres	-	102	143	29	162	8	1	-	13
25 to 99 acres	-	46	81	61	330	8	3	1	1
100 to 249 acres	-	21	27	15	284	3	-	-	3
250 to 499 acres	-	3	4	12	136	-	-	-	-
500 acres or more	-	1	1	5	97	-	-	-	-
Dry edible beans, excluding chickpeas and limas (see text)	farms	56	9	14	29	7	-	-	-
acres	-	15,030	(D)	4,105	3,988	(D)	-	-	-
cwt	-	314,459	34,355	90,065	101,481	(D)	-	-	-
Irrigated	farms	2	2	-	-	2	-	-	-
acres	-	(D)	(D)	-	-	(D)	-	-	-
Farms by acres harvested:									
1 to 24 acres	-	11	-	-	1	-	-	-	-
25 to 99 acres	-	13	4	5	15	2	-	-	-
100 to 249 acres	-	12	3	2	10	2	-	-	-
250 to 499 acres	-	11	2	5	1	2	-	-	-
500 acres or more	-	9	-	2	2	1	-	-	-
Oats for grain	farms	182	142	35	190	21	6	3	26
acres	-	3,472	2,118	986	6,250	413	89	(D)	989
bushels	-	178,949	115,284	82,278	366,389	23,311	4,823	(D)	31,545
Irrigated	farms	-	-	-	1	-	1	-	-
acres	-	-	-	-	(D)	-	(D)	-	-
Farms by acres harvested:									
1 to 24 acres	-	141	115	24	109	19	5	3	21
25 to 99 acres	-	36	26	10	70	1	1	-	2
100 to 249 acres	-	5	1	1	9	1	-	-	3
250 to 499 acres	-	-	-	-	2	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-	-
Sorghum for grain	farms	6	1	3	2	-	-	-	-
acres	-	18	(D)	152	(D)	-	-	-	-
bushels	-	810	(D)	6,503	(D)	-	-	-	-
Irrigated	farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres	-	6	1	1	-	-	-	-	-
25 to 99 acres	-	-	-	2	2	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-	-
Soybeans for beans	farms	355	265	155	519	163	28	13	56
acres	-	37,272	22,517	21,453	92,743	42,211	4,982	751	4,035
bushels	-	1,585,821	931,588	997,753	4,075,018	2,040,574	230,876	23,546	172,552
Irrigated	farms	12	3	7	24	32	4	-	5
acres	-	2,676	98	956	2,183	7,525	366	-	279
Farms by acres harvested:									
1 to 24 acres	-	142	101	26	60	28	5	8	31
25 to 99 acres	-	132	91	63	175	29	8	3	17
100 to 249 acres	-	42	53	44	168	43	8	1	2
250 to 499 acres	-	26	14	15	79	35	4	1	5
500 acres or more	-	13	6	7	37	28	3	-	1
Sugarbeets for sugar	farms	111	5	21	18	12	-	-	-
acres	-	26,303	(D)	8,605	3,758	(D)	-	-	-
tons	-	678,571	25,856	248,501	105,443	41,488	-	-	-
Irrigated	farms	9	-	-	1	-	-	-	-
acres	-	(D)	-	-	(D)	-	-	-	-
Sunflower seed, all	farms	-	-	-	1	1	-	-	-
acres	-	-	-	-	(D)	(D)	-	-	-
pounds	-	-	-	-	(D)	(D)	-	-	-
Irrigated	farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)	
						Total	Tobacco farming (11191)
CROPS - Con.							
Sunflower seed, all - Con.							
Farms by acres harvested:							
1 to 24 acres	30	14	14	-	-	-	-
25 to 99 acres	11	11	-	-	-	-	-
100 to 249 acres	4	4	-	-	-	-	-
250 to 499 acres	1	1	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
Wheat for grain, all	4,974	3,916	87	20	14	206	-
farms	487,011	392,513	20,084	675	613	16,602	-
acres	38,015,624	30,967,065	1,445,833	36,403	30,111	1,383,570	-
bushels	114	70	23	2	2	2	-
Irrigated	17,399	4,531	11,893	(D)	(D)	(D)	-
Farms by acres harvested:							
1 to 24 acres	1,202	871	23	10	6	93	-
25 to 99 acres	2,277	1,804	19	9	6	65	-
100 to 249 acres	1,021	843	25	1	2	25	-
250 to 499 acres	378	323	12	-	-	19	-
500 acres or more	96	75	8	-	-	4	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	18,833	3,456	274	196	150	7,111	-
farms	1,009,570	176,951	7,702	3,886	2,612	337,203	-
acres	2,674,133	511,212	17,676	6,897	3,245	717,004	-
tons, dry equivalent	417	102	10	6	10	112	-
Irrigated	24,775	5,591	367	(D)	38	3,749	-
Farms by acres harvested:							
1 to 24 acres	10,092	1,723	205	150	124	3,594	-
25 to 99 acres	6,193	1,268	57	37	21	2,714	-
100 to 249 acres	1,837	386	7	8	5	626	-
250 to 499 acres	501	53	4	1	-	135	-
500 acres or more	210	26	1	-	-	42	-
Alfalfa hay	13,660	2,911	185	113	73	5,151	-
farms	576,416	121,338	5,758	2,689	1,669	211,471	-
acres	1,351,628	319,258	13,960	5,662	2,383	451,802	-
tons, dry	267	76	5	2	4	89	-
Irrigated	8,707	3,199	179	(D)	(D)	2,102	-
Other dry hay (see text)	5,188	618	87	68	52	2,136	-
farms	184,859	21,498	1,242	735	550	88,745	-
acres	285,257	32,451	1,963	759	645	143,599	-
tons, dry	62	17	3	2	2	21	-
Irrigated	1,744	533	(D)	(D)	(D)	765	-
Field and grass seed crops, all	26	13	2	-	-	5	-
farms	593	164	(D)	-	-	362	-
acres	1	-	1	-	-	-	-
Irrigated	(D)	-	(D)	-	-	-	-
Land in vegetables (see text)	3,047	223	1,814	257	279	279	-
farms	160,923	22,379	120,826	3,380	2,219	11,202	-
acres	1,366	86	835	100	158	118	-
Irrigated	102,819	10,220	86,863	1,005	997	3,231	-
Farms by acres harvested:							
0.1 to 4.9 acres	1,956	65	1,169	164	219	183	-
5.0 to 24.9 acres	554	66	318	55	35	46	-
25.0 to 99.9 acres	255	34	143	30	21	24	-
100.0 to 249.9 acres	135	35	73	8	3	14	-
250.0 acres or more	147	23	111	-	1	12	-
Beans, snap	844	47	572	34	73	85	-
farms	12,706	5,648	6,348	19	178	413	-
acres	120	26	69	1	7	11	-
Harvested for processing	11,220	5,526	5,130	(D)	91	386	-
Peas, green	239	5	169	8	27	22	-
farms	3,072	(D)	2,209	13	4	(D)	-
acres	33	2	24	-	2	5	-
Harvested for processing	3,008	(D)	2,165	-	(D)	(D)	-
Potatoes	761	26	544	35	51	68	-
farms	50,511	888	48,557	42	73	924	-
acres	107	5	85	3	5	6	-
Harvested for processing	40,447	760	39,389	1	(D)	286	-
Farms by acres harvested:							
0.1 to 4.9 acres	643	16	452	32	50	57	-
5.0 to 24.9 acres	35	5	23	3	-	3	-
25.0 to 99.9 acres	18	2	12	-	1	3	-
100.0 to 249.9 acres	28	1	22	-	-	5	-
250.0 acres or more	37	2	35	-	-	-	-
Sweet corn	835	66	499	62	77	88	-
farms	8,466	995	5,307	467	554	1,015	-
acres	79	-	44	4	7	17	-
Harvested for processing	229	-	40	(D)	(D)	171	-
Sweet potatoes	70	-	64	-	3	3	-
farms	(D)	-	(D)	-	(Z)	3	-
acres	3	-	3	-	-	-	-
Harvested for processing	1	-	1	-	-	-	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)							
CROPS - Con.									
Sunflower seed, all - Con.									
Farms by acres harvested:									
1 to 24 acres	-	-	-	-	1	1	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-	-
Wheat for grain, all	-	206	134	115	379	65	12	4	22
acres	-	16,602	8,378	9,696	30,436	6,636	480	222	676
bushels	-	1,383,570	600,515	837,201	2,127,227	496,612	33,250	16,395	41,442
Irrigated	-	2	3	1	7	3	-	-	1
acres	-	(D)	93	(D)	359	(D)	-	-	(D)
Farms by acres harvested:									
1 to 24 acres	-	93	51	35	79	13	6	1	14
25 to 99 acres	-	65	64	62	204	30	5	2	7
100 to 249 acres	-	25	13	12	82	15	1	1	1
250 to 499 acres	-	19	6	3	10	5	-	-	-
500 acres or more	-	4	-	3	4	2	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	-	7,111	2,865	247	1,350	169	201	470	2,344
acres	-	337,203	135,718	18,834	266,524	3,063	2,984	8,574	45,519
tons, dry equivalent	-	717,004	254,106	53,402	1,028,313	6,492	2,973	11,771	61,402
Irrigated	-	112	34	5	83	5	6	11	33
acres	-	3,749	1,378	196	12,189	252	(D)	52	836
Farms by acres harvested:									
1 to 24 acres	-	3,594	1,479	68	131	136	182	383	1,917
25 to 99 acres	-	2,714	1,042	115	435	30	18	79	377
100 to 249 acres	-	626	274	52	433	2	-	7	37
250 to 499 acres	-	135	53	9	233	1	1	1	10
500 acres or more	-	42	17	3	118	-	-	-	3
Alfalfa hay	-	5,151	2,056	221	982	116	102	295	1,455
acres	-	211,471	78,441	13,160	106,241	1,906	1,695	5,388	26,660
tons, dry	-	451,802	137,937	35,594	330,841	5,158	1,689	8,032	39,312
Irrigated	-	89	24	3	26	4	-	11	23
acres	-	2,102	514	46	1,760	192	-	50	624
Other dry hay (see text)	-	2,136	815	46	214	48	78	195	831
acres	-	88,745	37,911	3,123	11,121	876	947	2,657	15,454
tons, dry	-	143,599	53,485	4,960	24,393	705	862	3,208	18,227
Irrigated	-	21	3	1	1	-	3	1	8
acres	-	765	62	(D)	(D)	-	(D)	(D)	206
Field and grass seed crops, all	-	5	-	-	3	-	3	-	-
acres	-	362	-	-	(D)	-	30	-	-
Irrigated	-	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-	-
Land in vegetables (see text)	-	279	51	10	22	17	26	14	55
acres	-	11,202	177	77	112	317	30	5	200
Irrigated	-	118	20	8	7	5	12	2	15
acres	-	3,231	70	(D)	29	233	8	(D)	(D)
Farms by acres harvested:									
0.1 to 4.9 acres	-	183	43	-	15	8	25	14	51
5.0 to 24.9 acres	-	46	7	10	7	6	1	-	3
25.0 to 99.9 acres	-	24	1	-	-	2	-	-	-
100.0 to 249.9 acres	-	14	-	-	-	1	-	-	1
250.0 acres or more	-	12	-	-	-	-	-	-	-
Beans, snap	-	85	11	-	6	1	7	-	8
acres	-	413	3	-	(D)	(D)	(D)	-	(D)
Harvested for processing	-	11	2	-	-	1	2	-	1
acres	-	386	(D)	-	-	(D)	(D)	-	(D)
Peas, green	-	22	2	-	-	-	2	-	4
acres	-	(D)	(D)	-	-	-	(D)	-	1
Harvested for processing	-	5	-	-	-	-	-	-	-
acres	-	(D)	-	-	-	-	-	-	-
Potatoes	-	68	11	1	6	2	5	-	12
acres	-	924	5	(D)	5	(D)	(D)	-	6
Harvested for processing	-	6	2	1	-	-	-	-	-
acres	-	286	(D)	(D)	-	-	-	-	-
Farms by acres harvested:									
0.1 to 4.9 acres	-	57	11	-	6	2	5	-	12
5.0 to 24.9 acres	-	3	-	1	-	-	-	-	-
25.0 to 99.9 acres	-	3	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	5	-	-	-	-	-	-	-
250.0 acres or more	-	-	-	-	-	-	-	-	-
Sweet corn	-	88	16	5	7	-	2	4	9
acres	-	1,015	53	23	37	-	(D)	(D)	6
Harvested for processing	-	17	4	-	3	-	-	-	-
acres	-	171	7	-	6	-	-	-	-
Sweet potatoes	-	3	-	-	-	-	-	-	-
acres	-	3	-	-	-	-	-	-	-
Harvested for processing	-	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)	
						Total	Tobacco farming (11191)
CROPS - Con.							
Land in vegetables (see text) - Con.							
Tomatoes in the open .....farms	1,216	47	826	79	127	94	-
acres	5,102	1,212	3,272	95	155	350	-
Harvested for processing .....farms	125	7	87	2	10	12	-
acres	2,938	1,056	1,861	(D)	16	4	-
Land in orchards (see text) .....farms							
acres	2,552	57	224	1,902	86	166	-
Irrigated .....farms	98,220	4,355	3,278	88,131	656	1,100	-
acres	529	10	46	403	20	27	-
acres	15,278	162	407	14,317	61	298	-
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	1,379	23	185	865	72	138	-
5.0 to 24.9 acres	571	13	12	501	11	22	-
25.0 to 99.9 acres	323	13	17	278	2	4	-
100.0 to 249.9 acres	191	3	9	178	-	1	-
250.0 acres or more	88	5	1	80	1	1	-
Apples .....farms	1,551	31	153	1,111	51	123	-
bearing and nonbearing acres	38,563	1,582	1,262	34,774	140	338	-
Grapes .....farms	791	22	56	636	22	35	-
bearing and nonbearing acres	13,127	2,621	345	9,637	(D)	21	-
Peaches, all .....farms	477	3	59	334	9	43	-
bearing and nonbearing acres	2,863	28	102	2,674	9	31	-
Pecans .....farms	12	-	3	5	-	1	-
bearing and nonbearing acres	3	-	(D)	(D)	-	(D)	-
Walnuts, English .....farms	83	2	8	58	7	4	-
bearing and nonbearing acres	116	(D)	2	109	2	(Z)	-
Land in berries (see text) .....farms	1,566	31	222	1,014	84	120	-
acres	25,006	153	317	23,920	345	180	-

See footnote(s) at end of table.

--continued

Table 75. Summary by North American Industry Classification System: 2017 (continued)

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

Item	Other crop farming - con. (1119)		Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)							
CROPS - Con.									
Land in vegetables (see text) - Con.									
Tomatoes in the open	farms	94	6	1	4	-	10	3	19
	acres	350	(D)	(D)	4	-	(D)	1	9
Harvested for processing	farms	12	2	-	-	-	4	-	1
	acres	4	(D)	-	-	-	(Z)	-	(D)
Land in orchards (see text)	farms	166	28	2	21	4	33	3	26
	acres	1,100	77	(D)	290	98	74	81	(D)
Irrigated	farms	27	3	-	-	2	11	-	7
	acres	298	(D)	-	-	(D)	9	-	(D)
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres	farms	138	25	-	15	2	27	1	26
5.0 to 24.9 acres	farms	22	2	1	3	-	6	-	-
25.0 to 99.9 acres	farms	4	1	1	3	2	-	2	-
100.0 to 249.9 acres	farms	1	-	-	-	-	-	-	-
250.0 acres or more	farms	1	-	-	-	-	-	-	-
Apples	farms	123	21	-	17	3	17	3	21
bearing and nonbearing acres		338	47	-	187	98	41	81	16
Grapes	farms	35	3	1	6	-	6	-	4
bearing and nonbearing acres		21	(D)	(D)	(D)	-	1	-	2
Peaches, all	farms	43	4	-	9	1	10	-	5
bearing and nonbearing acres		31	8	-	8	(D)	(D)	-	3
Pecans	farms	1	-	-	-	-	3	-	-
bearing and nonbearing acres		(D)	-	-	-	-	1	-	-
Walnuts, English	farms	4	-	-	1	-	3	-	-
bearing and nonbearing acres		(Z)	-	-	(D)	-	(D)	-	-
Land in berries (see text)	farms	120	18	1	9	13	34	3	17
	acres	180	13	(D)	(D)	4	15	3	11

¹ Landlord production expenses are included with total farm production expenses.

² Farms with total production expenses equal to market value of agricultural products sold, government payments, and farm-related income are included as farms with gains of less than \$1,000.

³ Data were collected for a maximum of four producers per farm.

Table 76. Summary by Tenure of Farm Operation: 2017

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

Item	Total	Full owners	Part owners	Tenants
FARMS AND LAND IN FARMS				
Farms number	47,641	32,208	13,383	2,050
..... percent	100.0	67.6	28.1	4.3
Land in farms acres	9,764,090	2,460,702	6,818,076	485,312
Average size of farm acres	205	76	509	237
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS				
Total (see text) farms	47,641	32,208	13,383	2,050
..... \$1,000	8,388,124	1,838,372	5,965,214	584,538
Average per farm dollars	176,069	57,078	445,731	285,140
Farms by economic class:				
Less than \$1,000 (see text)	11,116	10,153	742	221
\$1,000 to \$2,499	5,002	4,406	395	201
\$2,500 to \$4,999	4,972	4,094	672	206
\$5,000 to \$9,999	5,076	3,996	900	180
\$10,000 to \$24,999	5,872	4,011	1,563	298
\$25,000 to \$49,999	3,574	1,976	1,359	239
\$50,000 to \$99,999	3,156	1,440	1,538	178
\$100,000 to \$249,999	3,355	1,081	2,065	209
\$250,000 to \$499,999	2,195	504	1,586	105
\$500,000 to \$999,999	1,650	278	1,263	109
\$1,000,000 or more	1,673	269	1,300	104
\$1,000,000 to \$2,499,999	1,158	172	920	66
\$2,500,000 to \$4,999,999	304	62	229	13
\$5,000,000 or more	211	35	151	25
Total sales farms	47,641	32,208	13,383	2,050
..... \$1,000	8,220,935	1,805,141	5,840,809	574,986
Grains, oilseeds, dry beans, and dry peas farms	16,493	6,306	9,146	1,041
..... \$1,000	2,611,695	246,087	2,190,064	175,544
Sales of \$50,000 or more farms	7,416	1,138	5,803	475
..... \$1,000	2,471,797	179,601	2,126,320	165,877
Corn farms	11,688	3,633	7,416	639
..... \$1,000	1,290,882	109,700	1,093,395	87,787
Sales of \$50,000 or more farms	4,692	491	3,901	300
..... \$1,000	1,178,909	70,427	1,026,573	81,909
Wheat farms	4,967	1,135	3,559	273
..... \$1,000	167,092	16,845	139,095	11,151
Sales of \$50,000 or more farms	931	68	800	63
..... \$1,000	107,870	6,158	93,522	8,190
Soybeans farms	11,961	3,883	7,267	811
..... \$1,000	998,608	104,606	832,269	61,732
Sales of \$50,000 or more farms	4,743	479	3,974	290
..... \$1,000	866,724	55,290	759,210	52,225
Sorghum farms	48	12	34	2
..... \$1,000	1,386	(D)	1,315	(D)
Sales of \$50,000 or more farms	8	-	7	1
..... \$1,000	1,099	-	(D)	(D)
Barley farms	172	40	122	10
..... \$1,000	736	(D)	583	(D)
Sales of \$50,000 or more farms	-	-	-	-
..... \$1,000	-	-	-	-
Rice farms	-	-	-	-
..... \$1,000	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-
..... \$1,000	-	-	-	-
Other grains, oilseeds, dry beans, and dry peas farms	2,577	764	1,664	149
..... \$1,000	152,991	14,880	123,405	14,706
Sales of \$50,000 or more farms	690	77	567	46
..... \$1,000	137,305	10,798	113,115	13,393
Tobacco farms	-	-	-	-
..... \$1,000	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-
..... \$1,000	-	-	-	-
Cotton and cottonseed farms	-	-	-	-
..... \$1,000	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-
..... \$1,000	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms	3,089	2,058	795	236
..... \$1,000	535,068	74,224	394,798	66,046
Sales of \$50,000 or more farms	675	220	382	73
..... \$1,000	513,222	59,353	389,257	64,612
Fruits, tree nuts, and berries farms	2,876	2,243	514	119
..... \$1,000	440,718	197,907	211,296	31,515
Sales of \$50,000 or more farms	870	539	293	38
..... \$1,000	420,114	181,076	208,476	30,562
Fruits and tree nuts farms	1,953	1,493	374	86
..... \$1,000	294,371	128,715	151,388	14,268
Sales of \$50,000 or more farms	616	348	241	27
..... \$1,000	281,142	118,146	149,509	13,487
Berries farms	1,321	1,064	209	48
..... \$1,000	146,347	69,192	59,908	17,247
Sales of \$50,000 or more farms	262	191	60	11
..... \$1,000	137,205	61,904	58,344	16,957
Nursery, greenhouse, floriculture, and sod (see text) farms	1,939	1,516	278	145
..... \$1,000	739,749	405,962	218,484	115,304
Sales of \$50,000 or more farms	725	518	148	59
..... \$1,000	723,766	393,129	216,509	114,128
Cultivated Christmas trees and short rotation woody crops (see text) farms	774	656	104	14
..... \$1,000	28,732	(D)	12,770	(D)

See footnote(s) at end of table.

--continued

Table 76. Summary by Tenure of Farm Operation: 2017 (continued)

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

Item	Total	Full owners	Part owners	Tenants
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.				
Total (see text) - Con.				
Total sales - Con.				
Cultivated Christmas trees and short rotation woody crops (see text) - Con.				
Sales of \$50,000 or more farms	100	63	35	2
..... \$1,000	24,752	(D)	11,875	(D)
Cultivated Christmas trees (see text) farms	774	656	104	14
..... \$1,000	28,732	(D)	12,770	(D)
Sales of \$50,000 or more farms	100	63	35	2
..... \$1,000	24,752	(D)	11,875	(D)
Short rotation woody crops farms	-	-	-	-
..... \$1,000	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-
..... \$1,000	-	-	-	-
Other crops and hay (see text) farms	14,059	8,513	5,095	451
..... \$1,000	288,290	57,675	204,748	25,867
Sales of \$50,000 or more farms	998	145	779	74
..... \$1,000	205,982	20,633	162,258	23,091
Maple syrup farms	872	619	230	23
..... \$1,000	6,254	3,618	2,307	329
Sales of \$50,000 or more farms	28	16	9	3
..... \$1,000	3,142	1,881	1,065	196
Cattle and calves farms	9,539	4,529	4,654	356
..... \$1,000	628,397	136,677	448,064	43,657
Sales of \$50,000 or more farms	1,787	381	1,352	54
..... \$1,000	548,971	106,460	402,311	40,199
Milk from cows farms	1,652	358	1,224	70
..... \$1,000	1,786,057	319,349	1,374,662	92,046
Sales of \$50,000 or more farms	1,498	279	1,160	59
..... \$1,000	1,782,400	317,693	1,372,881	91,825
Hogs and pigs farms	2,441	1,544	779	118
..... \$1,000	608,555	197,005	393,815	17,735
Sales of \$50,000 or more farms	269	81	173	15
..... \$1,000	602,829	193,758	391,610	17,461
Sheep, goats, wool, mohair, and milk farms	2,741	2,095	558	88
..... \$1,000	14,796	7,834	6,729	233
Sales of \$50,000 or more farms	38	16	22	-
..... \$1,000	5,735	1,999	3,736	-
Horses, ponies, mules, burros, and donkeys (see text) farms	1,558	1,183	335	40
..... \$1,000	17,091	14,105	(D)	(D)
Sales of \$50,000 or more farms	73	69	3	1
..... \$1,000	7,723	7,110	(D)	(D)
Poultry and eggs farms	5,300	4,095	1,016	189
..... \$1,000	480,253	99,381	379,400	1,472
Sales of \$50,000 or more farms	88	41	44	3
..... \$1,000	474,074	(D)	377,694	(D)
Aquaculture farms	57	54	2	1
..... \$1,000	8,834	(D)	(D)	(D)
Sales of \$50,000 or more farms	24	23	1	-
..... \$1,000	8,536	(D)	(D)	-
Other animals and other animal products (see text) farms	1,626	1,313	239	74
..... \$1,000	32,700	28,467	2,990	1,244
Sales of \$50,000 or more farms	103	86	11	6
..... \$1,000	28,015	24,901	2,132	982
Value of-				
Government payments (see text) farms	15,350	7,121	7,462	767
..... \$1,000	167,189	33,231	124,405	9,552
Landlord's share of total sales (see text) farms	1,238	-	1,113	125
..... \$1,000	52,365	-	46,194	6,171
FOOD MARKETING PRACTICES (SEE TEXT)				
Food sold directly to -				
Consumers farms	5,669	4,051	1,317	301
..... \$1,000	90,677	42,645	41,259	6,772
Retail markets, institutions, and food hubs for local or regionally branded products (see text) farms	1,029	636	298	95
..... \$1,000	235,827	55,927	162,047	17,854
FARM PRODUCTION EXPENSES				
Total farm production expenses ¹ farms	47,641	32,208	13,383	2,050
..... \$1,000	7,208,181	1,713,756	4,952,135	542,290
Average per farm dollars	151,302	53,209	370,032	264,532
Fertilizer, lime, and soil conditioners purchased farms	25,277	13,007	10,903	1,367
..... \$1,000	592,379	75,990	477,079	39,310
Farms with expenses of-				
\$1 to \$4,999 farms	14,343	10,196	3,470	677
\$5,000 to \$24,999 farms	6,052	2,249	3,418	385
\$25,000 to \$49,999 farms	2,042	317	1,599	126
\$50,000 or more farms	2,840	245	2,416	179
Chemicals purchased farms	21,160	10,146	9,774	1,240
..... \$1,000	360,374	53,939	278,334	28,101
Farms with expenses of-				
\$1 to \$4,999 farms	12,912	8,363	3,838	711
\$5,000 to \$24,999 farms	5,049	1,354	3,385	310
\$25,000 to \$49,999 farms	1,509	221	1,193	95
\$50,000 or more farms	1,690	208	1,358	124

See footnote(s) at end of table.

--continued

Table 76. Summary by Tenure of Farm Operation: 2017 (continued)

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

Item	Total	Full owners	Part owners	Tenants
FARM PRODUCTION EXPENSES - Con.				
Total farm production expenses ¹ - Con.				
Seeds, plants, vines, and trees purchased .....farms	20,784	9,753	9,773	1,258
.....\$1,000	604,053	104,480	449,892	49,681
Farms with expenses of-				
\$1 to \$999	5,758	4,706	837	215
\$1,000 to \$4,999	4,492	2,551	1,620	321
\$5,000 to \$24,999	5,520	1,836	3,267	417
\$25,000 to \$49,999	2,033	328	1,576	129
\$50,000 or more	2,981	332	2,473	176
Cover crop seed purchased (see text) .....farms	4,189	1,841	2,110	238
.....\$1,000	9,812	1,034	7,865	913
Livestock and poultry purchased or leased .....farms	11,498	7,393	3,654	451
.....\$1,000	390,358	110,278	249,265	30,815
Farms with expenses of-				
\$1 to \$4,999	8,346	6,113	1,939	294
\$5,000 to \$24,999	1,882	923	855	104
\$25,000 to \$99,999	659	225	411	23
\$100,000 to \$249,999	295	69	213	13
\$250,000 or more	316	63	236	17
Breeding livestock purchased or leased .....farms	4,570	2,625	1,754	191
.....\$1,000	87,771	27,167	52,195	8,409
Other livestock and poultry purchased or leased (see text) .....farms	8,630	5,804	2,472	354
.....\$1,000	302,587	83,110	197,070	22,407
Feed purchased .....farms	22,882	15,665	6,491	726
.....\$1,000	1,269,333	370,831	844,333	54,170
Farms with expenses of-				
\$1 to \$4,999	16,153	12,244	3,431	478
\$5,000 to \$24,999	4,397	2,745	1,493	159
\$25,000 to \$99,999	1,147	434	674	39
\$100,000 to \$249,999	482	97	355	30
\$250,000 or more	703	145	538	20
Gasoline, fuels, and oils purchased .....farms	45,095	29,893	13,255	1,947
.....\$1,000	313,479	78,694	213,659	21,125
Farms with expenses of-				
\$1 to \$4,999	36,097	27,410	7,267	1,420
\$5,000 to \$24,999	6,460	2,055	4,031	374
\$25,000 to \$49,999	1,319	248	1,008	63
\$50,000 or more	1,219	180	949	90
Utilities .....farms	32,201	19,576	11,360	1,265
.....\$1,000	190,561	62,220	116,486	11,856
Farms with expenses of-				
\$1 to \$999	13,037	10,191	2,466	380
\$1,000 to \$4,999	13,346	7,577	5,223	546
\$5,000 to \$24,999	4,573	1,511	2,796	266
\$25,000 to \$49,999	648	143	474	31
\$50,000 or more	597	154	401	42
Repairs, supplies, and maintenance costs .....farms	39,756	25,166	12,826	1,764
.....\$1,000	524,438	133,645	348,541	42,252
Farms with expenses of-				
\$1 to \$4,999	26,275	20,182	5,052	1,041
\$5,000 to \$24,999	4,202	9,321	4,651	468
\$25,000 to \$49,999	2,120	449	1,542	129
\$50,000 or more	2,040	333	1,581	126
Hired farm labor .....farms	11,907	5,865	5,353	689
.....\$1,000	952,388	281,418	573,658	97,311
Farms with expenses of-				
\$1 to \$4,999	5,360	3,250	1,849	261
\$5,000 to \$24,999	2,464	1,210	1,089	165
\$25,000 to \$99,999	2,359	888	1,335	136
\$100,000 to \$249,999	986	281	633	72
\$250,000 or more	738	236	447	55
Contract labor .....farms	3,245	1,747	1,305	193
.....\$1,000	109,346	38,986	65,673	4,686
Farms with expenses of-				
\$1 to \$999	679	456	198	25
\$1,000 to \$4,999	1,001	591	354	56
\$5,000 to \$24,999	1,014	490	440	84
\$25,000 to \$49,999	235	102	122	11
\$50,000 or more	316	108	191	17
Customwork and custom hauling .....farms	9,567	4,328	4,678	561
.....\$1,000	165,370	36,183	117,181	12,007
Farms with expenses of-				
\$1 to \$999	2,733	1,756	845	132
\$1,000 to \$4,999	3,514	1,755	1,526	233
\$5,000 to \$24,999	2,318	636	1,548	134
\$25,000 to \$49,999	490	100	363	27
\$50,000 or more	512	81	396	35
Cash rent for land, buildings, and grazing fees .....farms	12,268	1	10,849	1,418
.....\$1,000	486,995	(D)	413,233	(D)
Farms with expenses of-				
\$1 to \$4,999	5,375	-	4,780	595
\$5,000 to \$9,999	1,603	-	1,399	204
\$10,000 to \$24,999	1,943	1	1,697	245
\$25,000 or more	3,347	-	2,973	374

See footnote(s) at end of table.

--continued

Table 76. Summary by Tenure of Farm Operation: 2017 (continued)

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

Item	Total	Full owners	Part owners	Tenants
FARM PRODUCTION EXPENSES - Con.				
Total farm production expenses ¹ - Con.				
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms	3,900	1,457	2,089	354
..... \$1,000	54,493	(D)	37,492	(D)
Farms with expenses of-				
\$1 to \$999	1,311	792	443	76
\$1,000 to \$4,999	1,120	377	626	117
\$5,000 to \$24,999	964	211	658	95
\$25,000 to \$49,999	233	33	169	31
\$50,000 or more	272	44	193	35
Interest expense farms	16,660	8,399	7,725	536
..... \$1,000	297,871	74,122	213,057	10,692
Farms with expenses of-				
\$1 to \$4,999	7,977	4,899	2,767	311
\$5,000 to \$24,999	6,266	3,056	3,056	154
\$25,000 to \$99,999	1,895	378	1,469	48
\$100,000 or more	522	66	433	23
Secured by real estate farms	13,505	7,140	6,365	-
..... \$1,000	212,045	56,708	155,336	-
Farms with expenses of-				
\$1 to \$999	1,661	1,055	606	-
\$1,000 to \$4,999	4,864	3,094	1,770	-
\$5,000 to \$24,999	5,227	2,639	2,588	-
\$25,000 to \$49,999	890	199	691	-
\$50,000 or more	863	153	710	-
Not secured by real estate farms	9,651	4,027	5,088	536
..... \$1,000	85,827	17,414	57,721	10,692
Farms with expenses of-				
\$1 to \$999	2,908	1,699	1,103	106
\$1,000 to \$4,999	3,921	1,847	1,869	205
\$5,000 to \$24,999	2,167	399	1,614	154
\$25,000 to \$49,999	382	50	302	30
\$50,000 or more	273	32	200	41
Property taxes paid farms	45,697	31,991	13,350	356
..... \$1,000	250,626	124,889	123,257	2,480
Farms with expenses of-				
\$1 to \$4,999	33,243	25,588	7,380	275
\$5,000 to \$9,999	7,118	4,420	2,675	23
\$10,000 to \$24,999	3,944	1,635	2,268	41
\$25,000 or more	1,392	348	1,027	17
Medical supplies, veterinary, and custom services for livestock (see text) farms	16,114	10,233	5,369	512
..... \$1,000	101,203	27,853	67,584	5,767
Farms with expenses of-				
\$1 to \$4,999	14,254	9,676	4,143	435
\$5,000 to \$24,999	1,234	446	730	58
\$25,000 to \$49,999	282	61	214	7
\$50,000 to \$99,999	162	26	135	1
\$100,000 or more	182	24	147	11
All other production expenses (see text) farms	20,261	10,441	8,867	953
..... \$1,000	544,913	131,407	363,412	50,094
Farms with expenses of-				
\$1 to \$4,999	12,289	8,200	3,614	475
\$5,000 to \$24,999	5,165	1,694	3,217	254
\$25,000 to \$49,999	1,258	246	920	92
\$50,000 to \$99,999	784	127	595	62
\$100,000 or more	765	174	521	70
Production expenses paid by landlords ¹ farms	648	58	512	78
..... \$1,000	11,510	436	9,182	1,892
Depreciation expenses claimed farms	20,933	11,117	8,973	843
..... \$1,000	743,296	172,632	528,629	42,036
NET CASH FARM INCOME (SEE TEXT)				
Net cash farm income of operations farms	47,641	32,208	13,383	2,050
..... \$1,000	1,496,660	265,793	1,166,999	63,869
Average per farm dollars	31,415	8,252	87,200	31,155
Farms with net gains ² number	21,009	11,667	8,226	1,116
Average net gain dollars	95,516	46,630	165,868	88,020
Gain of-				
Less than \$1,000	1,520	1,162	262	96
\$1,000 to \$4,999	3,955	3,011	736	208
\$5,000 to \$9,999	2,764	1,933	693	138
\$10,000 to \$24,999	3,887	2,345	1,312	230
\$25,000 to \$49,999	2,581	1,293	1,163	125
\$50,000 or more	6,302	1,923	4,060	319
Farms with net losses number	26,632	20,541	5,157	934
Average net loss dollars	19,151	13,545	38,285	36,789
Loss of-				
Less than \$1,000	1,964	1,607	256	101
\$1,000 to \$4,999	8,098	6,842	1,041	215
\$5,000 to \$9,999	6,171	4,984	1,007	180
\$10,000 to \$24,999	6,605	5,011	1,370	224
\$25,000 to \$49,999	2,046	1,326	639	81
\$50,000 or more	1,748	771	844	133

See footnote(s) at end of table.

--continued

Table 76. Summary by Tenure of Farm Operation: 2017 (continued)

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

Item	Total	Full owners	Part owners	Tenants
NET CASH FARM INCOME (SEE TEXT) - Con.				
Net cash farm income of producers (see text) .....farms	47,641	32,208	13,383	2,050
\$1,000	1,389,905	245,614	1,087,949	56,342
Average per farm .....dollars	29,175	7,626	81,293	27,484
Producers reporting net gains ² (see text) .....farms	20,859	11,648	8,116	1,095
Average net gain .....dollars	91,840	45,049	160,079	83,783
Gain of-				
Less than \$1,000	1,519	1,166	262	91
\$1,000 to \$4,999	3,929	3,012	705	212
\$5,000 to \$9,999	2,774	1,931	710	133
\$10,000 to \$24,999	3,902	2,364	1,310	228
\$25,000 to \$49,999	2,572	1,287	1,164	121
\$50,000 or more	6,163	1,888	3,965	310
Producers reporting net losses (see text) .....farms	26,782	20,560	5,267	955
Average net loss .....dollars	19,632	13,576	40,109	37,069
Loss of-				
Less than \$1,000	1,976	1,610	262	104
\$1,000 to \$4,999	8,122	6,841	1,066	215
\$5,000 to \$9,999	6,215	4,983	1,044	188
\$10,000 to \$24,999	6,601	5,018	1,358	225
\$25,000 to \$49,999	2,059	1,330	642	87
\$50,000 or more	1,809	778	895	136
COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)				
Total .....farms	451	56	373	22
\$1,000	52,640	887	47,388	4,365
INCOME FROM FARM-RELATED SOURCES				
Total income from farm-related sources .....farms	19,796	11,676	7,333	787
\$1,000	316,717	141,176	153,920	21,621
Customwork and other agricultural services .....farms	2,730	903	1,621	206
\$1,000	55,394	11,994	37,754	5,645
Gross cash rent or share payments .....farms	8,104	6,506	1,430	168
\$1,000	86,474	56,506	25,755	4,213
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products .....farms	1,836	1,224	581	31
\$1,000	16,373	10,848	5,307	218
Agri-tourism and recreational services .....farms	754	526	196	32
\$1,000	20,989	9,667	10,688	634
Patronage dividends and refunds from cooperatives .....farms	7,139	2,461	4,285	393
\$1,000	29,647	7,111	20,647	1,889
Crop and livestock insurance payments received .....farms	2,201	504	1,561	136
\$1,000	44,560	7,921	33,684	2,955
Amount from State and local government agricultural program payments .....farms	464	196	242	26
\$1,000	3,209	555	2,392	261
Other farm-related income sources (see text) .....farms	3,055	1,823	1,115	117
\$1,000	60,070	36,573	17,693	5,805
LAND USE				
Total cropland .....farms	40,597	25,823	13,022	1,752
acres	7,924,480	1,358,899	6,110,188	455,393
Harvested cropland .....farms	35,147	20,763	12,713	1,671
acres	7,214,667	1,003,941	5,774,604	436,122
Farms by acres harvested:				
1 to 49 acres	19,624	16,007	2,847	770
50 to 99 acres	4,425	2,507	1,695	223
100 to 199 acres	3,607	1,291	2,060	256
200 to 499 acres	3,662	711	2,719	232
500 to 999 acres	2,056	182	1,803	71
1,000 to 1,999 acres	1,228	56	1,090	82
2,000 acres or more	545	9	499	37
Cropland-				
Other pasture and grazing land that could have been used for crops without additional improvements .....farms	3,406	2,220	1,120	66
acres	97,239	38,332	57,590	1,317
On which all crops failed or were abandoned .....farms	2,757	1,607	1,069	81
acres	86,579	31,475	52,173	2,931
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed .....farms	11,091	7,849	2,968	274
acres	441,772	243,469	186,417	11,886
In summer fallow (see text) .....farms	3,207	2,025	1,068	114
acres	84,223	41,682	39,404	3,137
Total woodland .....farms	24,339	17,260	6,783	296
acres	975,652	606,432	357,795	11,425
Woodland pastured .....farms	3,772	2,646	1,058	68
acres	85,275	48,618	34,558	2,099
Woodland not pastured .....farms	22,448	15,919	6,284	245
acres	890,377	557,814	323,237	9,326
Permanent pasture and rangeland, other than cropland and woodland pastured .....farms	17,476	12,878	4,214	384
acres	341,391	195,400	137,908	8,083
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. ....farms	32,103	22,751	8,777	575
acres	522,567	299,971	212,185	10,411

See footnote(s) at end of table.

--continued

Table 76. Summary by Tenure of Farm Operation: 2017 (continued)

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

Item	Total	Full owners	Part owners	Tenants
LAND USE - Con.				
Irrigated land farms	5,153	3,144	1,661	348
..... acres	670,212	73,851	534,999	61,362
Harvested cropland farms	4,914	2,950	1,624	340
..... acres	666,976	72,327	533,578	61,071
Pastureland and other land farms	316	239	68	9
..... acres	3,236	1,524	1,421	291
CONSERVATION AND CROP INSURANCE				
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs farms	4,478	3,134	1,268	76
..... acres	129,038	93,197	34,620	1,221
Land enrolled in crop insurance programs farms	8,834	2,509	5,702	623
..... acres	4,549,417	363,209	3,857,834	328,374
ORGANIC AGRICULTURE				
Total organic product sales farms	646	272	311	63
..... \$1,000	176,069	14,324	154,984	6,761
VALUE OF LAND AND BUILDINGS				
Estimated market value of land and buildings farms	47,641	32,208	13,383	2,050
..... \$1,000	48,385,690	12,947,759	32,781,789	2,656,141
Average per farm dollars	1,015,631	402,004	2,449,510	1,295,679
Average per acre dollars	4,955	5,262	4,808	5,473
Farms by value group:				
\$1 to \$49,999 farms	2,803	2,214	133	456
\$50,000 to \$99,999 farms	3,608	3,105	264	239
\$100,000 to \$199,999 farms	8,893	7,725	890	278
\$200,000 to \$499,999 farms	16,453	13,117	2,951	385
\$500,000 to \$999,999 farms	6,887	3,998	2,657	232
\$1,000,000 to \$1,999,999 farms	3,748	1,264	2,318	166
\$2,000,000 to \$4,999,999 farms	3,217	609	2,450	158
\$5,000,000 to \$9,999,999 farms	1,366	133	1,157	76
\$10,000,000 or more farms	666	43	563	60
VALUE OF MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment farms	47,637	32,206	13,381	2,050
..... \$1,000	7,371,356	2,038,188	4,877,581	455,587
Farms by value group:				
\$1 to \$4,999 farms	2,977	2,694	177	106
\$5,000 to \$9,999 farms	3,761	3,313	333	115
\$10,000 to \$19,999 farms	6,473	5,570	670	233
\$20,000 to \$49,999 farms	12,446	9,927	2,012	507
\$50,000 to \$99,999 farms	8,333	5,742	2,203	388
\$100,000 to \$199,999 farms	5,550	2,965	2,344	241
\$200,000 to \$499,999 farms	4,513	1,547	2,746	220
\$500,000 or more farms	3,584	448	2,896	240
SELECTED MACHINERY AND EQUIPMENT				
Trucks, including pickups farms	36,665	22,869	12,210	1,586
..... number	75,227	35,177	36,099	3,951
Tractors, all farms	39,667	25,365	12,685	1,617
..... number	119,056	56,515	57,027	5,514
Less than 40 horsepower (PTO) farms	21,371	15,066	5,604	701
..... number	32,779	21,917	9,765	1,097
40 to 99 horsepower (PTO) farms	27,616	16,354	10,129	1,133
..... number	50,072	26,140	21,752	2,180
100 horsepower (PTO) or more farms	15,281	5,308	9,072	901
..... number	36,205	8,458	25,510	2,237
Grain and bean combines, self-propelled farms	10,496	2,948	6,884	664
..... number	12,046	3,212	8,048	786
Cotton pickers and strippers, self-propelled farms	-	-	-	-
..... number	-	-	-	-
Forage harvesters, self-propelled farms	1,818	696	1,054	68
..... number	1,989	750	1,165	74
Hay balers farms	15,006	7,962	6,563	481
..... number	19,507	9,779	9,109	619
FERTILIZERS AND CHEMICALS				
Commercial fertilizer, lime, and soil conditioners used farms	22,234	10,617	10,410	1,207
..... acres treated	5,515,923	670,638	4,469,657	375,628
Manure used farms	9,687	5,035	4,296	356
..... acres treated	825,365	115,097	662,405	47,863
Organic fertilizer used (see text) farms	1,401	845	452	104
..... acres treated	82,256	19,443	56,547	6,266
Acres treated to control-				
Insects farms	8,158	3,853	3,745	560
..... acres	2,171,602	234,071	1,773,808	163,723
Weeds, grass, or brush farms	17,875	7,608	9,193	1,074
..... acres	5,919,857	637,107	4,882,949	399,801
Nematodes farms	1,573	606	850	117
..... acres	407,101	36,725	351,928	18,448
Diseases in crops and orchards farms	4,573	2,135	2,077	361
..... acres	944,112	95,979	741,268	106,865

See footnote(s) at end of table.

--continued

Table 76. Summary by Tenure of Farm Operation: 2017 (continued)

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

Item	Total	Full owners	Part owners	Tenants
FERTILIZERS AND CHEMICALS - Con.				
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms 1,490	643	728	119
acres on which used	281,266	33,168	213,089	35,009
LAND USE PRACTICES				
Land drained by tile	farms 12,704	5,856	6,173	675
acres	3,029,891	391,877	2,407,872	230,142
Land artificially drained by ditches	farms 8,363	4,871	3,136	356
acres	1,055,439	194,339	788,950	72,150
Land under conservation easement	farms 974	652	275	47
acres	72,425	34,135	32,468	5,822
Cropland on which no-till practices were used	farms 8,174	3,390	4,349	435
acres	1,566,334	189,391	1,298,234	78,709
Cropland on which reduced tillage, excluding no till, practices were used (see text)	farms 7,720	2,776	4,455	489
acres	2,297,131	214,501	1,929,360	153,270
Cropland on which intensive tillage practices were used (see text)	farms 11,727	5,353	5,670	704
acres	2,343,703	283,302	1,893,718	166,683
Cropland planted to a cover crop (excluding CRP)	farms 6,275	3,005	2,956	314
acres	673,205	73,327	520,060	79,818
RENEWABLE ENERGY				
Renewable energy producing systems	farms 3,689	2,618	976	95
Solar panels	farms 1,589	1,183	371	35
Wind turbines	farms 625	332	262	31
Methane digesters	farms 16	11	5	-
Geothermal/geoexchange systems (see text)	farms 1,464	1,092	356	16
Small hydro systems	farms 36	29	7	-
Biodiesel production systems (see text)	farms 53	37	16	-
Ethanol production systems (see text)	farms 53	36	13	4
Other	farms 236	158	65	13
Wind rights leased to others	farms 1,519	735	742	42
TENURE				
Full owners	farms 32,208	32,208	-	-
Part owners	farms 13,383	-	13,383	-
Tenants	farms 2,050	-	-	2,050
OWNED AND RENTED LAND				
Land owned	farms 45,709	32,208	13,383	118
acres	6,377,759	2,926,929	3,435,510	15,320
Owned land in farms	farms 45,591	32,208	13,383	-
acres	5,758,976	2,460,702	3,298,274	-
Land rented or leased from others	farms 15,551	118	13,383	2,050
acres	4,040,596	10,459	3,532,224	497,913
Rented or leased land in farms	farms 15,433	-	13,383	2,050
acres	4,005,114	-	3,519,802	485,312
Land rented or leased to others	farms 8,659	6,979	1,497	183
acres	654,265	476,686	149,658	27,921
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT)				
Total producers (see text)	80,432	53,681	23,335	3,416
Farms by number of producers:				
1 producer	21,709	14,393	6,145	1,171
2 producers	21,735	15,622	5,500	613
3 producers	2,563	1,369	1,049	145
4 producers	1,167	541	542	84
5 or more producers	467	283	147	37
Total male producers (see text)	51,989	32,749	16,788	2,452
Farms by number of male producers:				
1 producer	37,927	26,196	10,253	1,478
2 producers	4,548	2,205	2,065	278
3 producers	1,098	398	606	94
4 producers	235	130	91	14
5 or more producers	115	65	38	12
Total female producers (see text)	28,443	20,932	6,547	964
Farms by number of female producers:				
1 producer	24,212	18,111	5,421	680
2 producers	1,622	1,092	440	90
3 producers	200	128	50	22
4 producers	63	40	18	5
5 or more producers	22	16	4	2
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT)				
Sex of producers:				
Male	51,449	32,396	16,652	2,401
Female	27,955	20,644	6,396	915
Hired managers (see text)	4,499	1,702	2,316	481
Primary occupation:				
Farming	34,706	19,469	13,696	1,541
Other	44,698	33,571	9,352	1,775

See footnote(s) at end of table.

--continued

Table 76. Summary by Tenure of Farm Operation: 2017 (continued)

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

Item	Total	Full owners	Part owners	Tenants
PRODUCERS' CHARACTERISTICS³ (SEE TEXT) - Con.				
Place of residence:				
On farm operated	63,913	43,145	19,136	1,632
Not on farm operated	15,491	9,895	3,912	1,684
Days of work off farm:				
None	33,132	20,825	11,174	1,133
Any	46,272	32,215	11,874	2,183
1 to 49 days	6,652	4,559	1,776	317
50 to 99 days	3,277	2,246	897	134
100 to 199 days	5,906	4,003	1,634	269
200 days or more	30,437	21,407	7,567	1,463
Years on present farm:				
2 years or less	4,559	3,327	870	362
3 or 4 years	5,759	4,058	1,185	516
5 to 9 years	11,170	7,505	2,848	817
10 years or more	57,916	38,150	18,145	1,621
Average years on present farm	22.7	21.8	26.0	14.9
Years operating any farm (see text):				
5 years or less	10,752	7,682	2,129	941
6 to 10 years	9,496	6,469	2,352	675
11 years or more	59,156	38,889	18,567	1,700
Average years on any farm	24.6	23.5	28.0	17.3
Age group:				
Under 25 years	1,488	843	481	164
25 to 34 years	5,697	2,941	2,144	612
35 to 44 years	9,612	5,845	3,088	679
45 to 54 years	14,706	9,433	4,597	676
55 to 64 years	23,131	15,599	6,624	708
65 to 74 years	16,495	12,080	4,098	317
75 years and over	8,275	6,299	1,816	160
Average age	56.6	58.0	54.7	47.9
Young producers (see text)	8,012	4,296	2,874	842
Producers of Hispanic, Latino, or Spanish origin	1,024	781	187	56
Producers by race:				
American Indian or Alaska Native	351	264	87	-
Asian	155	136	10	9
Black or African American	342	260	51	31
Native Hawaiian or Other Pacific Islander	8	4	2	2
White	78,010	51,971	22,786	3,253
More than one race reported	538	405	112	21
Military service (see text):				
Never served	71,988	47,252	21,612	3,124
Served	7,416	5,788	1,436	192
Number of persons living in producers' households (see text)	158,308	99,958	50,624	7,726
On farm involvement in decisionmaking (see text):				
Day-to-day decisions	69,711	46,476	20,345	2,890
Land use and/or crop decisions	60,124	39,241	18,272	2,611
Livestock decisions	42,028	28,820	11,794	1,414
Record keeping and/or financial management	58,779	38,462	17,817	2,500
Estate planning or succession planning	44,474	29,624	13,455	1,395
FARMS BY TYPE OF ORGANIZATION (SEE TEXT)				
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	45,826 farms	31,213	12,710	1,903
acres	8,865,787	2,308,999	6,143,922	412,866
Limited Liability Company	5,084 farms	2,940	1,821	323
acres	1,864,099	269,222	1,496,669	98,208
LEGAL STATUS FOR TAX PURPOSES				
Family or individual	40,523 farms	28,340	10,608	1,575
acres	6,181,513	1,942,751	4,047,695	191,067
Partnership	3,246 farms	1,422	1,619	205
acres	2,091,147	209,918	1,738,128	143,101
Registered under State law	2,620 farms	1,117	1,320	183
acres	1,781,076	170,597	1,473,164	137,315
Corporation	2,880 farms	1,638	1,014	228
acres	1,315,561	203,223	970,073	142,265
Family held	2,540 farms	1,422	930	188
acres	1,205,096	181,937	888,719	134,440
More than 10 stockholders	32 farms	19	10	3
10 or less stockholders	2,508 farms	1,403	920	185
Other than family held	340 farms	216	84	40
acres	110,465	21,286	81,354	7,825
More than 10 stockholders	23 farms	16	5	2
10 or less stockholders	317 farms	200	79	38
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	992 farms	808	142	42
acres	175,869	104,810	62,180	8,879

See footnote(s) at end of table.

--continued

Table 76. Summary by Tenure of Farm Operation: 2017 (continued)

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

Item	Total	Full owners	Part owners	Tenants
HIRED FARM LABOR				
Hired farm labor .....farms	11,907	5,865	5,353	689
Workers by days worked:	77,475	30,619	38,995	7,861
150 days or more .....farms	5,589	2,285	2,965	339
Less than 150 days .....farms	27,177	8,835	15,645	2,697
.....workers	9,295	4,733	4,005	557
.....workers	50,298	21,784	23,350	5,164
Migrant farm labor on farms with hired labor .....farms	760	338	364	58
Migrant farm labor on farms reporting only				
contract labor .....farms	68	47	18	3
Unpaid workers .....farms	23,260	16,207	6,197	856
.....workers	54,839	37,949	15,030	1,860
FARMS BY SIZE				
1 to 9 acres	5,154	4,540	192	422
10 to 49 acres	16,920	14,566	1,777	577
50 to 69 acres	3,697	2,790	767	140
70 to 99 acres	4,931	3,784	1,007	140
100 to 139 acres	3,681	2,358	1,151	172
140 to 179 acres	2,230	1,306	837	87
180 to 219 acres	1,526	724	723	79
220 to 259 acres	1,191	502	636	53
260 to 499 acres	3,591	1,110	2,309	172
500 to 999 acres	2,560	390	2,088	82
1,000 to 1,999 acres	1,504	115	1,306	83
2,000 acres or more	656	23	590	43
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)				
Oilseed and grain farming (1111)	12,466	4,904	6,665	897
Vegetable and melon farming (1112)	1,826	1,307	357	162
Fruit and tree nut farming (1113)	2,549	2,119	350	80
Greenhouse, nursery, and floriculture production (1114)	2,313	1,970	216	127
Other crop farming (1119)	11,779	9,404	2,107	268
Tobacco farming (11191)	-	-	-	-
Cotton farming (11192)	-	-	-	-
Sugarcane farming, hay farming, and all other				
crop farming (11193, 11194, 11199)	11,779	9,404	2,107	268
Beef cattle ranching and farming (11211)	5,578	4,016	1,373	189
Cattle feedlots (11212)	388	139	239	10
Dairy cattle and milk production (11212)	1,530	365	1,106	59
Hog and pig farming (1122)	715	497	165	53
Poultry and egg production (1123)	857	745	90	22
Sheep and goat farming (1124)	1,721	1,488	172	61
Aquaculture and other animal production (1125,				
1129) (see text)	5,919	5,254	543	122
OTHER FARM CHARACTERISTICS				
Farms reporting-				
Internet access	36,756	24,255	10,830	1,671
Dial-up	1,344	877	418	49
DSL	7,610	5,005	2,248	357
Cable modem	8,236	5,857	1,982	397
Fiber-optic	1,704	1,083	537	84
Mobile internet service for a cell phone or				
other device (see text)	15,570	9,858	4,927	785
Satellite	7,022	4,607	2,112	303
Don't know (see text)	2,748	1,697	936	115
Other internet service	1,376	952	375	49
Farms by number of households sharing in net income				
of operation:				
1 household	40,932	28,661	10,563	1,708
2 households	5,092	2,808	2,036	248
3 households	1,046	454	527	65
4 households	356	165	175	16
5 or more households	215	120	82	13
LIVESTOCK				
Cattle and calves inventory .....farms	12,221	6,466	5,313	442
.....number	1,201,383	256,958	886,506	57,919
Farms with-				
1 to 9	4,620	3,512	974	134
10 to 49	4,550	2,313	2,046	191
50 to 99	1,132	328	752	52
100 to 199	765	136	597	32
200 to 499	681	121	545	15
500 or more	473	56	399	18
Cows and heifers that calved .....farms	9,243	4,887	4,029	327
.....number	545,554	121,384	398,207	25,963
Beef cows .....farms	7,445	4,346	2,838	261
.....number	103,522	39,507	60,591	3,424
Farms with-				
1 to 9	4,341	3,036	1,164	141
10 to 49	2,755	1,233	1,409	113
50 to 99	263	66	191	6
100 to 199	68	10	58	-
200 to 499	16	1	14	1
500 or more	2	-	2	-
Milk cows .....farms	2,158	721	1,354	83
.....number	442,032	81,877	337,616	22,539
Farms with-				
1 to 9	582	396	162	24

See footnote(s) at end of table.

--continued

Table 76. Summary by Tenure of Farm Operation: 2017 (continued)

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

Item	Total	Full owners	Part owners	Tenants
LIVESTOCK - Con.				
Cattle and calves inventory - Con.				
Cows and heifers that calved - Con.				
Milk cows - Con.				
Farms with - - Con.				
10 to 49	462	178	266	18
50 to 99	353	52	285	16
100 to 199	303	38	253	12
200 to 499	270	32	233	5
500 or more	188	25	155	8
Other cattle (see text)	9,557	4,551	4,656	350
farms				
number	655,829	135,574	488,299	31,956
Cattle and calves sold	9,539	4,529	4,654	356
farms				
number	748,919	204,119	497,282	47,518
\$1,000	628,397	136,677	448,064	43,657
Calves weighing less than 500 pounds	3,347	1,504	1,726	117
farms				
number	287,148	104,236	166,545	16,367
Cattle weighing 500 pounds or more	8,692	3,937	4,426	329
farms				
number	461,771	99,883	330,737	31,151
Cattle on feed (see text)	1,168	251	882	35
farms				
number	166,320	21,838	127,150	17,332
Hogs and pigs inventory	2,017	1,234	696	87
farms				
number	1,236,567	294,680	905,381	36,506
Farms with-				
1 to 24	1,564	1,060	445	59
25 to 49	120	68	40	12
50 to 99	72	30	39	3
100 to 199	40	18	21	1
200 to 499	18	10	8	-
500 or more	203	48	143	12
Hogs and pigs sold	2,441	1,544	779	118
farms				
number	4,076,081	1,312,671	2,663,134	100,276
\$1,000	608,555	197,005	393,815	17,735
Sheep and lambs inventory (see text)	2,483	1,895	502	86
farms				
number	89,270	42,859	44,619	1,792
Sheep and lambs sold	1,610	1,159	401	50
farms				
number	62,018	27,548	33,753	717
Total horses and ponies inventory	10,235	8,092	1,966	177
farms				
number	64,200	49,692	12,848	1,660
Total horses and ponies sold (see text)	1,480	1,122	319	39
farms				
number	4,421	3,254	971	196
Goats, all inventory	2,614	2,132	395	87
farms				
number	29,226	22,252	5,952	1,022
Goats, all sold	1,267	1,022	207	38
farms				
number	13,653	10,388	2,766	499
POULTRY				
Layers inventory (see text)	7,039	5,520	1,301	218
farms				
number	15,074,549	(D)	12,203,433	(D)
Farms with-				
1 to 399	6,961	5,470	1,274	217
400 to 3,199	63	45	17	1
3,200 to 9,999	5	3	2	-
10,000 to 19,999	-	-	-	-
20,000 to 49,999	1	-	1	-
50,000 to 99,999	1	-	1	-
100,000 or more	8	2	6	-
Pullets for laying flock replacement inventory	1,159	915	218	26
farms				
number	4,933,440	2,884,040	2,048,241	1,159
Layers sold (see text)	1,235	990	213	32
farms				
number	5,036,819	303,914	4,694,091	38,814
Pullets for laying flock replacement sold	132	94	37	1
farms				
number	6,573,536	(D)	(D)	(D)
Broilers and other meat-type chickens sold	1,582	1,227	295	60
farms				
number	8,868,690	1,823,126	7,013,184	32,380
Farms with-				
1 to 1,999	1,539	1,210	272	57
2,000 to 59,999	21	8	10	3
60,000 to 99,999	-	-	-	-
100,000 or more	22	9	13	-
Turkeys inventory (see text)	1,036	877	130	29
farms				
number	2,279,108	1,058,408	1,220,183	517
Turkeys sold (see text)	767	603	134	30
farms				
number	5,186,242	1,846,668	3,338,874	700
CROPS				
Barley for grain	183	45	128	10
farms				
acres	5,740	410	4,593	737
bushels	272,067	15,478	216,589	40,000
Irrigated	1	1	-	-
farms				
acres	(D)	(D)	-	-
Farms by acres harvested:				
1 to 24 acres	114	43	65	6
25 to 99 acres	59	2	55	2
100 to 249 acres	7	-	7	-

See footnote(s) at end of table.

--continued

Table 76. Summary by Tenure of Farm Operation: 2017 (continued)

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

Item	Total	Full owners	Part owners	Tenants
CROPS - Con.				
Barley for grain - Con.				
Farms by acres harvested: - Con.				
250 to 499 acres	3	-	1	2
500 acres or more	-	-	-	-
Corn for grain	farms 11,195	3,411	7,150	634
acres	2,168,204	209,493	1,826,945	131,766
bushels	344,533,785	30,663,309	291,713,294	22,157,182
Irrigated	farms 1,030	150	802	78
acres	313,638	22,220	263,131	28,287
Farms by acres harvested:				
1 to 24 acres	2,751	1,540	1,088	123
25 to 99 acres	3,530	1,350	1,949	231
100 to 249 acres	2,418	362	1,921	135
250 to 499 acres	1,413	108	1,222	83
500 acres or more	1,083	51	970	62
Corn for silage or greenchop	farms 2,355	509	1,765	81
acres	331,133	20,791	292,959	17,383
tons	6,157,400	348,260	5,444,569	364,571
Irrigated	farms 133	13	117	3
acres	21,043	604	20,057	382
Farms by acres harvested:				
1 to 24 acres	772	305	447	20
25 to 99 acres	802	150	618	34
100 to 249 acres	453	45	397	11
250 to 499 acres	192	5	180	7
500 acres or more	136	4	123	9
Dry edible beans, excluding chickpeas and limas (see text)	farms 1,085	227	769	89
acres	225,334	20,464	182,310	22,560
cwt	4,487,274	413,050	3,602,028	472,196
Irrigated	farms 58	6	44	8
acres	10,376	500	9,347	529
Farms by acres harvested:				
1 to 24 acres	97	59	23	15
25 to 99 acres	341	107	209	25
100 to 249 acres	346	43	279	24
250 to 499 acres	190	12	169	9
500 acres or more	111	6	89	16
Oats for grain	farms 1,167	417	717	33
acres	34,492	9,815	23,382	1,295
bushels	2,079,160	580,364	1,410,908	87,888
Irrigated	farms 5	2	3	-
acres	417	(D)	(D)	-
Farms by acres harvested:				
1 to 24 acres	778	348	412	18
25 to 99 acres	324	61	253	10
100 to 249 acres	59	5	49	5
250 to 499 acres	3	-	3	-
500 acres or more	3	3	-	-
Sorghum for grain	farms 27	9	16	2
acres	1,888	(D)	1,746	(D)
bushels	225,714	(D)	213,316	(D)
Irrigated	farms 7	-	7	-
acres	1,186	-	1,186	-
Farms by acres harvested:				
1 to 24 acres	11	9	1	1
25 to 99 acres	11	-	10	1
100 to 249 acres	3	-	3	-
250 to 499 acres	2	-	2	-
500 acres or more	-	-	-	-
Soybeans for beans	farms 11,988	3,898	7,275	815
acres	2,487,343	278,619	2,062,351	146,373
bushels	107,048,753	11,484,866	89,053,124	6,510,763
Irrigated	farms 699	123	518	58
acres	140,492	11,497	115,252	13,743
Farms by acres harvested:				
1 to 24 acres	1,918	1,271	511	136
25 to 99 acres	4,126	1,866	1,967	293
100 to 249 acres	3,051	597	2,211	243
250 to 499 acres	1,580	105	1,405	70
500 acres or more	1,313	59	1,181	73
Sugarbeets for sugar	farms 661	94	509	58
acres	145,790	10,452	113,650	21,688
tons	3,693,023	271,477	2,870,213	551,333
Irrigated	farms 25	2	19	4
acres	(D)	(D)	1,970	363
Sunflower seed, all	farms 46	17	26	3
acres	1,735	(D)	1,545	(D)
pounds	3,095,470	(D)	2,810,694	(D)
Irrigated	farms 9	3	6	-
acres	(D)	(D)	42	-
Farms by acres harvested:				
1 to 24 acres	30	16	11	3
25 to 99 acres	11	-	11	-
100 to 249 acres	4	1	3	-
250 to 499 acres	1	-	1	-
500 acres or more	-	-	-	-
Wheat for grain, all	farms 4,974	1,137	3,564	273
acres	487,011	54,052	402,405	30,554
bushels	38,015,624	3,962,136	31,408,620	2,644,868

See footnote(s) at end of table.

--continued

Table 76. Summary by Tenure of Farm Operation: 2017 (continued)

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

Item	Total	Full owners	Part owners	Tenants
CROPS - Con.				
Wheat for grain, all - Con.				
Irrigated farms	114	13	92	9
..... acres	17,399	1,006	16,018	375
Farms by acres harvested:				
1 to 24 acres	1,202	520	625	57
25 to 99 acres	2,277	491	1,650	136
100 to 249 acres	1,021	97	877	47
250 to 499 acres	378	26	326	26
500 acres or more	96	3	86	7
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) farms	18,833	11,240	7,072	521
..... acres	1,009,570	295,969	681,748	31,853
..... tons, dry equivalent	2,674,133	554,993	2,020,886	98,254
Irrigated farms	417	162	235	20
..... acres	24,775	3,086	20,587	1,102
Farms by acres harvested:				
1 to 24 acres	10,092	7,626	2,228	238
25 to 99 acres	6,193	3,152	2,828	213
100 to 249 acres	1,837	407	1,381	49
250 to 499 acres	501	46	440	15
500 acres or more	210	9	195	6
Alfalfa hay farms	13,660	7,711	5,550	399
..... acres	576,416	187,650	368,978	19,788
..... tons, dry	1,351,628	353,417	951,495	46,716
Irrigated farms	267	112	142	13
..... acres	8,707	1,806	6,171	730
Other dry hay (see text) farms	5,188	3,373	1,699	116
..... acres	184,859	75,526	105,781	3,552
..... tons, dry	285,257	107,200	172,460	5,597
Irrigated farms	62	34	23	5
..... acres	1,744	338	1,245	161
Field and grass seed crops, all farms	26	6	18	2
..... acres	593	(D)	462	(D)
Irrigated farms	1	-	1	-
..... acres	(D)	-	(D)	-
Land in vegetables (see text) farms	3,047	2,022	793	232
..... acres	160,923	19,523	124,000	17,400
Irrigated farms	1,366	832	406	128
..... acres	102,819	9,581	82,761	10,477
Farms by acres harvested:				
0.1 to 4.9 acres	1,956	1,585	233	138
5.0 to 24.9 acres	554	313	200	41
25.0 to 99.9 acres	255	89	150	16
100.0 to 249.9 acres	135	24	95	16
250.0 acres or more	147	11	115	21
Beans, snap farms	844	587	178	79
..... acres	12,706	1,598	9,967	1,141
Harvested for processing farms	120	62	52	6
..... acres	11,220	1,066	9,068	1,087
Peas, green farms	239	175	43	21
..... acres	3,072	72	2,995	4
Harvested for processing farms	33	18	13	2
..... acres	3,008	(D)	(D)	(D)
Potatoes farms	761	513	176	72
..... acres	50,511	4,209	40,905	5,397
Harvested for processing farms	107	48	48	11
..... acres	40,447	1,541	34,906	4,000
Farms by acres harvested:				
0.1 to 4.9 acres	643	483	101	59
5.0 to 24.9 acres	35	15	17	3
25.0 to 99.9 acres	18	2	14	2
100.0 to 249.9 acres	28	10	16	2
250.0 acres or more	37	3	28	6
Sweet corn farms	835	518	261	56
..... acres	8,466	1,650	6,142	674
Harvested for processing farms	79	55	21	3
..... acres	229	(D)	53	(D)
Sweet potatoes farms	70	39	9	22
..... acres	(D)	7	(D)	10
Harvested for processing farms	3	2	-	1
..... acres	1	(D)	-	(D)
Tomatoes in the open farms	1,216	904	233	79
..... acres	5,102	(D)	(D)	(D)
Harvested for processing farms	125	98	23	4
..... acres	2,938	(D)	2,116	(D)
Land in orchards (see text) farms	2,552	2,065	388	99
..... acres	98,220	40,681	50,641	6,898
Irrigated farms	529	399	111	19
..... acres	15,278	7,399	7,307	571
Farms by bearing and nonbearing acres:				
0.1 to 4.9 acres	1,379	1,248	81	50
5.0 to 24.9 acres	571	483	68	20
25.0 to 99.9 acres	323	221	92	10
100.0 to 249.9 acres	191	87	92	12
250.0 acres or more	88	26	55	7
Apples farms	1,551	1,203	272	76
..... bearing and nonbearing acres	38,563	16,674	18,490	3,399

See footnote(s) at end of table.

--continued

Table 76. Summary by Tenure of Farm Operation: 2017 (continued)

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

Item	Total	Full owners	Part owners	Tenants
CROPS - Con.				
Land in orchards (see text) - Con.				
Grapes .....farms	791	673	97	21
bearing and nonbearing acres	13,127	6,418	6,317	391
Peaches, all .....farms	477	376	88	13
bearing and nonbearing acres	2,863	1,292	1,262	310
Pecans .....farms	12	12	-	-
bearing and nonbearing acres	3	3	-	-
Walnuts, English .....farms	83	83	-	-
bearing and nonbearing acres	116	116	-	-
Land in berries (see text) .....farms	1,566	1,288	215	63
acres	25,006	13,374	9,192	2,439

¹ Landlord production expenses are included with total farm production expenses.

² Farms with total production expenses equal to market value of agricultural products sold, government payments, and farm-related income are included as farms with gains of less than \$1,000.

³ Data were collected for a maximum of four producers per farm.

Table 77. Summary by Operating Arrangements: 2017

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

Item	Total producers	One producer	Two producers	Three or four producers	Five or more producers
FARMS AND LAND IN FARMS					
Farms number	47,641	21,709	21,735	3,730	467
..... percent	100.0	45.6	45.6	7.8	1.0
Land in farms acres	9,764,090	3,933,050	3,716,401	1,901,906	212,733
Average size of farm acres	205	181	171	510	456
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS					
Total (see text) farms	47,641	21,709	21,735	3,730	467
..... \$1,000	8,388,124	2,650,748	2,826,764	2,505,235	405,378
Average per farm dollars	176,069	122,104	130,056	671,645	868,047
Farms by economic class:					
Less than \$1,000 (see text)	11,116	4,899	5,715	454	48
\$1,000 to \$2,499	5,002	2,213	2,531	231	27
\$2,500 to \$4,999	4,972	2,332	2,359	248	33
\$5,000 to \$9,999	5,076	2,323	2,418	295	40
\$10,000 to \$24,999	5,872	2,857	2,594	371	50
\$25,000 to \$49,999	3,574	1,784	1,483	277	30
\$50,000 to \$99,999	3,156	1,637	1,214	267	38
\$100,000 to \$249,999	3,355	1,612	1,344	370	29
\$250,000 to \$499,999	2,195	929	897	317	52
\$500,000 to \$999,999	1,650	634	637	348	31
\$1,000,000 or more	1,673	489	543	552	89
\$1,000,000 to \$2,499,999	1,158	359	399	354	46
\$2,500,000 to \$4,999,999	304	75	95	113	21
\$5,000,000 or more	211	55	49	85	22
Total sales farms	47,641	21,709	21,735	3,730	467
..... \$1,000	8,220,935	2,581,480	2,764,357	2,472,688	402,410
Grains, oilseeds, dry beans, and dry peas farms	16,493	8,446	6,221	1,674	152
..... \$1,000	2,611,695	1,012,543	951,761	594,282	53,109
Sales of \$50,000 or more farms	7,416	3,569	2,693	1,070	84
..... \$1,000	2,471,797	934,836	900,207	584,416	52,340
Corn farms	11,688	5,712	4,504	1,351	121
..... \$1,000	1,290,882	471,239	475,229	314,708	29,707
Sales of \$50,000 or more farms	4,692	2,057	1,741	828	66
..... \$1,000	1,178,909	410,474	433,845	305,517	29,073
Wheat farms	4,967	2,414	1,846	662	45
..... \$1,000	167,092	66,781	58,635	(D)	(D)
Sales of \$50,000 or more farms	931	365	324	222	20
..... \$1,000	107,870	38,112	36,393	31,293	2,072
Soybeans farms	11,961	6,292	4,354	1,215	100
..... \$1,000	998,608	412,342	366,710	203,541	16,015
Sales of \$50,000 or more farms	4,743	2,192	1,777	727	47
..... \$1,000	866,724	338,307	320,199	193,074	15,145
Sorghum farms	48	20	16	12	-
..... \$1,000	1,386	563	391	432	-
Sales of \$50,000 or more farms	8	2	2	4	-
..... \$1,000	1,099	(D)	(D)	323	-
Barley farms	172	78	65	28	1
..... \$1,000	736	375	245	(D)	(D)
Sales of \$50,000 or more farms	-	-	-	-	-
..... \$1,000	-	-	-	-	-
Rice farms	-	-	-	-	-
..... \$1,000	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-
..... \$1,000	-	-	-	-	-
Other grains, oilseeds, dry beans, and dry peas farms	2,577	1,202	964	381	30
..... \$1,000	152,991	61,243	50,552	(D)	(D)
Sales of \$50,000 or more farms	690	316	232	131	11
..... \$1,000	137,305	53,667	44,747	34,242	4,648
Tobacco farms	-	-	-	-	-
..... \$1,000	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-
..... \$1,000	-	-	-	-	-
Cotton and cottonseed farms	-	-	-	-	-
..... \$1,000	-	-	-	-	-
Sales of \$50,000 or more farms	-	-	-	-	-
..... \$1,000	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms	3,089	1,008	1,608	392	81
..... \$1,000	535,068	102,440	186,574	166,685	79,368
Sales of \$50,000 or more farms	675	218	267	157	33
..... \$1,000	513,222	95,730	174,795	163,867	78,830
Fruits, tree nuts, and berries farms	2,876	1,039	1,406	340	91
..... \$1,000	440,718	127,068	133,264	136,750	43,637
Sales of \$50,000 or more farms	870	284	340	196	50
..... \$1,000	420,114	118,892	123,145	134,934	43,144
Fruits and tree nuts farms	1,953	675	962	260	56
..... \$1,000	294,371	88,499	85,007	101,245	19,619
Sales of \$50,000 or more farms	616	206	230	149	31
..... \$1,000	281,142	83,852	78,060	99,945	19,284
Berries farms	1,321	479	670	131	41
..... \$1,000	146,347	38,569	48,256	35,505	24,018
Sales of \$50,000 or more farms	262	79	106	56	21
..... \$1,000	137,205	34,483	44,186	34,742	23,794
Nursery, greenhouse, floriculture, and sod (see text) farms	1,939	619	984	280	56
..... \$1,000	739,749	152,633	305,695	195,940	85,481
Sales of \$50,000 or more farms	725	188	335	162	40
..... \$1,000	723,766	147,241	296,777	194,412	85,335
Cultivated Christmas trees and short rotation woody crops (see text) farms	774	304	388	80	2
..... \$1,000	28,732	5,360	15,588	(D)	(D)

See footnote(s) at end of table.

--continued

Table 77. Summary by Operating Arrangements: 2017 (continued)

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

Item	Total producers	One producer	Two producers	Three or four producers	Five or more producers
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.					
Total (see text) - Con.					
Total sales - Con.					
Cultivated Christmas trees and short rotation woody crops (see text) - Con.					
Sales of \$50,000 or more .....farms	100	22	55	23	-
.....\$1,000	24,752	4,021	13,350	7,381	-
Cultivated Christmas trees (see text) .....farms	774	304	388	80	2
.....\$1,000	28,732	5,360	15,588	(D)	(D)
Sales of \$50,000 or more .....farms	100	22	55	23	-
.....\$1,000	24,752	4,021	13,350	7,381	-
Short rotation woody crops .....farms	-	-	-	-	-
.....\$1,000	-	-	-	-	-
Sales of \$50,000 or more .....farms	-	-	-	-	-
.....\$1,000	-	-	-	-	-
Other crops and hay (see text) .....farms	14,059	6,307	6,504	1,105	143
.....\$1,000	288,290	103,294	109,147	63,609	12,239
Sales of \$50,000 or more .....farms	998	385	370	203	40
.....\$1,000	205,982	62,876	75,080	56,697	11,329
Maple syrup .....farms	872	275	494	85	18
.....\$1,000	6,254	1,712	2,783	1,212	548
Sales of \$50,000 or more .....farms	28	6	13	7	2
.....\$1,000	3,142	660	1,331	(D)	(D)
Cattle and calves .....farms	9,539	3,827	4,458	1,150	104
.....\$1,000	628,397	214,372	215,221	187,107	11,697
Sales of \$50,000 or more .....farms	1,787	636	719	398	34
.....\$1,000	548,971	180,006	181,213	177,043	10,709
Milk from cows .....farms	1,652	560	625	423	44
.....\$1,000	1,786,057	563,479	466,285	680,371	75,922
Sales of \$50,000 or more .....farms	1,498	511	549	396	42
.....\$1,000	1,782,400	562,319	(D)	679,845	(D)
Hogs and pigs .....farms	2,441	865	1,267	273	36
.....\$1,000	608,555	190,551	291,268	104,446	22,290
Sales of \$50,000 or more .....farms	269	131	83	45	10
.....\$1,000	602,829	188,494	288,442	103,718	22,174
Sheep, goats, wool, mohair, and milk .....farms	2,741	757	1,708	250	26
.....\$1,000	14,796	3,563	8,880	1,012	1,341
Sales of \$50,000 or more .....farms	38	6	24	3	5
.....\$1,000	5,735	832	3,320	296	1,287
Horses, ponies, mules, burros, and donkeys (see text) .....farms	1,558	522	903	118	15
.....\$1,000	17,091	5,203	8,534	3,198	155
Sales of \$50,000 or more .....farms	73	26	30	17	-
.....\$1,000	7,723	2,305	3,077	2,341	-
Poultry and eggs .....farms	5,300	1,466	3,298	483	53
.....\$1,000	480,253	85,437	(D)	323,100	(D)
Sales of \$50,000 or more .....farms	88	29	35	23	1
.....\$1,000	474,074	83,718	(D)	322,109	(D)
Aquaculture .....farms	57	35	14	8	-
.....\$1,000	8,834	4,962	(D)	(D)	-
Sales of \$50,000 or more .....farms	24	10	9	5	-
.....\$1,000	8,536	4,739	(D)	(D)	-
Other animals and other animal products (see text) .....farms	1,626	540	944	127	15
.....\$1,000	32,700	10,575	9,333	(D)	(D)
Sales of \$50,000 or more .....farms	103	43	36	22	2
.....\$1,000	28,015	8,638	6,989	(D)	(D)
Value of-					
Government payments (see text) .....farms	15,350	7,676	5,952	1,578	144
.....\$1,000	167,189	69,267	62,406	32,547	2,968
Landlord's share of total sales (see text) .....farms	1,238	593	495	135	15
.....\$1,000	52,365	16,408	21,503	10,574	3,880
FOOD MARKETING PRACTICES (SEE TEXT)					
Food sold directly to -					
Consumers .....farms	5,669	1,831	3,154	592	92
.....\$1,000	90,677	27,056	37,371	19,552	6,698
Retail markets, institutions, and food hubs for local or regionally branded products (see text) .....farms	1,029	303	510	172	44
.....\$1,000	235,827	43,069	81,315	91,657	19,787
FARM PRODUCTION EXPENSES					
Total farm production expenses ¹ .....farms	47,641	21,709	21,735	3,730	467
.....\$1,000	7,208,181	2,238,278	2,481,963	2,137,092	350,847
Average per farm .....dollars	151,302	103,104	114,192	572,947	751,278
Fertilizer, lime, and soil conditioners purchased .....farms	25,277	11,525	10,838	2,568	346
.....\$1,000	592,379	208,435	214,695	150,561	18,688
Farms with expenses of-					
\$1 to \$4,999 .....farms	14,343	6,461	6,748	980	154
.....\$1,000	14,343	6,461	6,748	980	154
\$5,000 to \$24,999 .....farms	6,052	2,998	2,340	632	82
.....\$1,000	6,052	2,998	2,340	632	82
\$25,000 to \$49,999 .....farms	2,042	983	718	314	27
.....\$1,000	2,042	983	718	314	27
\$50,000 or more .....farms	2,840	1,083	1,032	642	83
.....\$1,000	2,840	1,083	1,032	642	83
Chemicals purchased .....farms	21,160	9,867	8,761	2,247	285
.....\$1,000	360,374	120,829	130,714	92,090	16,741
Farms with expenses of-					
\$1 to \$4,999 .....farms	12,912	6,199	5,729	872	112
.....\$1,000	12,912	6,199	5,729	872	112
\$5,000 to \$24,999 .....farms	5,049	2,495	1,877	604	73
.....\$1,000	5,049	2,495	1,877	604	73
\$25,000 to \$49,999 .....farms	1,509	635	535	308	31
.....\$1,000	1,509	635	535	308	31
\$50,000 or more .....farms	1,690	538	620	463	69
.....\$1,000	1,690	538	620	463	69

See footnote(s) at end of table.

--continued

Table 77. Summary by Operating Arrangements: 2017 (continued)

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

Item	Total producers	One producer	Two producers	Three or four producers	Five or more producers
FARM PRODUCTION EXPENSES - Con.					
Total farm production expenses ¹ - Con.					
Seeds, plants, vines, and trees purchased farms	20,784	9,304	8,977	2,236	267
..... \$1,000	604,053	215,211	213,791	146,953	28,098
Farms with expenses of-					
\$1 to \$999	5,758	2,283	3,092	333	50
\$1,000 to \$4,999	4,492	2,136	1,950	353	53
\$5,000 to \$24,999	5,520	2,854	2,079	532	55
\$25,000 to \$49,999	2,033	949	766	299	19
\$50,000 or more	2,981	1,082	1,090	719	90
Cover crop seed purchased (see text) farms	4,189	1,588	1,916	600	85
..... \$1,000	9,812	3,347	3,134	2,843	487
Livestock and poultry purchased or leased farms	11,498	4,204	6,042	1,152	100
..... \$1,000	390,358	147,356	124,678	110,975	7,348
Farms with expenses of-					
\$1 to \$4,999	8,346	2,978	4,666	644	58
\$5,000 to \$24,999	1,882	741	879	239	23
\$25,000 to \$99,999	659	244	276	130	9
\$100,000 to \$249,999	295	130	108	55	2
\$250,000 or more	316	111	113	84	8
Breeding livestock purchased or leased farms	4,570	1,652	2,333	546	39
..... \$1,000	87,771	31,682	27,788	24,815	3,485
Other livestock and poultry purchased or leased (see text) farms	8,630	3,113	4,626	821	70
..... \$1,000	302,587	115,675	96,889	86,160	3,863
Feed purchased farms	22,882	8,697	12,028	1,965	192
..... \$1,000	1,269,333	370,885	411,079	446,781	40,588
Farms with expenses of-					
\$1 to \$4,999	16,153	6,355	8,713	995	90
\$5,000 to \$24,999	4,397	1,534	2,400	428	35
\$25,000 to \$99,999	1,147	404	513	204	26
\$100,000 to \$249,999	482	172	160	134	16
\$250,000 or more	703	232	242	204	25
Gasoline, fuels, and oils purchased farms	45,095	20,351	20,704	3,599	441
..... \$1,000	313,479	105,747	110,712	83,408	13,612
Farms with expenses of-					
\$1 to \$4,999	36,097	16,597	17,198	2,061	241
\$5,000 to \$24,999	6,460	2,906	2,604	849	101
\$25,000 to \$49,999	1,319	529	492	267	31
\$50,000 or more	1,219	319	410	422	68
Utilities farms	32,201	14,049	14,757	3,003	392
..... \$1,000	190,561	59,785	66,577	54,846	9,353
Farms with expenses of-					
\$1 to \$999	13,037	5,935	6,255	744	103
\$1,000 to \$4,999	13,346	5,974	6,252	1,011	109
\$5,000 to \$24,999	4,573	1,799	1,832	848	94
\$25,000 to \$49,999	648	188	226	189	45
\$50,000 or more	597	153	192	211	41
Repairs, supplies, and maintenance costs farms	39,756	17,775	18,149	3,404	428
..... \$1,000	524,438	169,914	190,876	139,206	24,442
Farms with expenses of-					
\$1 to \$4,999	26,275	11,929	12,639	1,512	195
\$5,000 to \$24,999	9,321	4,339	3,950	930	102
\$25,000 to \$49,999	2,120	894	833	359	34
\$50,000 or more	2,040	613	727	603	97
Hired farm labor farms	11,907	4,753	5,134	1,742	278
..... \$1,000	952,388	216,936	323,647	328,673	83,131
Farms with expenses of-					
\$1 to \$4,999	5,360	2,438	2,506	371	45
\$5,000 to \$24,999	2,464	1,060	1,030	329	45
\$25,000 to \$99,999	2,359	828	986	468	77
\$100,000 to \$249,999	986	258	388	296	44
\$250,000 or more	738	169	224	278	67
Contract labor farms	3,245	1,216	1,420	500	109
..... \$1,000	109,346	29,267	34,681	37,284	8,114
Farms with expenses of-					
\$1 to \$999	679	241	358	71	9
\$1,000 to \$4,999	1,001	427	455	102	17
\$5,000 to \$24,999	1,014	366	424	179	45
\$25,000 to \$49,999	235	92	89	47	7
\$50,000 or more	316	90	94	101	31
Customwork and custom hauling farms	9,567	4,305	4,042	1,091	129
..... \$1,000	165,370	45,963	56,807	55,283	7,317
Farms with expenses of-					
\$1 to \$999	2,733	1,158	1,348	205	22
\$1,000 to \$4,999	3,514	1,749	1,427	304	34
\$5,000 to \$24,999	2,318	1,037	937	307	37
\$25,000 to \$49,999	490	213	178	90	9
\$50,000 or more	512	148	152	185	27
Cash rent for land, buildings, and grazing fees farms	12,268	5,814	4,716	1,582	156
..... \$1,000	486,995	163,519	169,644	136,437	17,395
Farms with expenses of-					
\$1 to \$4,999	5,375	2,669	2,236	429	41
\$5,000 to \$9,999	1,603	755	614	216	18
\$10,000 to \$24,999	1,943	1,020	656	250	17
\$25,000 or more	3,347	1,370	1,210	687	80

See footnote(s) at end of table.

--continued

Table 77. Summary by Operating Arrangements: 2017 (continued)

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

Item	Total producers	One producer	Two producers	Three or four producers	Five or more producers
FARM PRODUCTION EXPENSES - Con.					
Total farm production expenses ¹ - Con.					
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....farms	3,900	1,666	1,528	627	79
.....\$1,000	54,493	17,030	17,493	16,085	3,886
Farms with expenses of-					
\$1 to \$999	1,311	614	571	113	13
\$1,000 to \$4,999	1,120	506	455	147	12
\$5,000 to \$24,999	964	368	341	230	25
\$25,000 to \$49,999	233	93	79	50	11
\$50,000 or more	272	85	82	87	18
Interest expense .....farms	16,660	6,977	7,564	1,893	226
.....\$1,000	297,871	104,340	105,102	76,485	11,944
Farms with expenses of-					
\$1 to \$4,999	7,977	3,389	3,869	645	74
\$5,000 to \$24,999	6,266	2,729	2,812	655	70
\$25,000 to \$99,999	1,895	702	730	411	52
\$100,000 or more	522	157	153	182	30
Secured by real estate .....farms	13,505	5,635	6,224	1,463	183
.....\$1,000	212,045	74,960	75,657	53,829	7,599
Farms with expenses of-					
\$1 to \$999	1,661	725	763	149	24
\$1,000 to \$4,999	4,864	2,024	2,446	357	37
\$5,000 to \$24,999	5,227	2,269	2,373	522	63
\$25,000 to \$49,999	890	324	356	190	20
\$50,000 or more	863	293	286	245	39
Not secured by real estate .....farms	9,651	4,024	4,249	1,235	143
.....\$1,000	85,827	29,379	29,446	22,656	4,345
Farms with expenses of-					
\$1 to \$999	2,908	1,202	1,454	226	26
\$1,000 to \$4,999	3,921	1,743	1,758	386	34
\$5,000 to \$24,999	2,167	871	829	419	48
\$25,000 to \$49,999	382	123	122	118	19
\$50,000 or more	273	85	86	86	16
Property taxes paid .....farms	45,697	20,578	21,160	3,520	439
.....\$1,000	250,626	101,708	102,787	40,490	5,640
Farms with expenses of-					
\$1 to \$4,999	33,243	15,252	15,884	1,895	212
\$5,000 to \$9,999	7,118	3,238	3,188	608	84
\$10,000 to \$24,999	3,944	1,633	1,606	622	83
\$25,000 or more	1,392	455	482	395	60
Medical supplies, veterinary, and custom services for livestock (see text) .....farms	16,114	5,834	8,497	1,637	146
.....\$1,000	101,203	27,821	37,297	31,791	4,294
Farms with expenses of-					
\$1 to \$4,999	14,254	5,240	7,760	1,166	88
\$5,000 to \$24,999	1,234	426	526	249	33
\$25,000 to \$49,999	282	77	100	97	8
\$50,000 to \$99,999	162	44	64	49	5
\$100,000 or more	182	47	47	76	12
All other production expenses (see text) .....farms	20,261	8,536	9,033	2,383	309
.....\$1,000	544,913	133,532	171,382	189,743	50,256
Farms with expenses of-					
\$1 to \$4,999	12,289	5,383	5,882	908	116
\$5,000 to \$24,999	5,165	2,219	2,106	761	79
\$25,000 to \$49,999	1,258	464	519	243	32
\$50,000 to \$99,999	784	271	306	185	22
\$100,000 or more	765	199	220	286	60
Production expenses paid by landlords ¹ .....farms	648	258	285	96	9
.....\$1,000	11,510	2,833	4,980	3,190	508
Depreciation expenses claimed .....farms	20,933	9,234	9,191	2,215	293
.....\$1,000	743,296	254,528	261,922	196,340	30,506
NET CASH FARM INCOME (SEE TEXT)					
Net cash farm income of operations .....farms	47,641	21,709	21,735	3,730	467
.....\$1,000	1,496,660	528,926	468,523	429,801	69,411
Average per farm .....dollars	31,415	24,364	21,556	115,228	148,631
Farms with net gains ² number	21,009	10,040	8,642	2,062	265
Average net gain .....dollars	95,516	72,012	80,638	245,446	304,575
Gain of-					
Less than \$1,000	1,520	783	656	77	4
\$1,000 to \$4,999	3,955	2,023	1,689	214	29
\$5,000 to \$9,999	2,764	1,417	1,161	168	18
\$10,000 to \$24,999	3,887	1,982	1,627	250	28
\$25,000 to \$49,999	2,581	1,278	1,077	194	32
\$50,000 or more	6,302	2,557	2,432	1,159	154
Farms with net losses number	26,632	11,669	13,093	1,668	202
Average net loss .....dollars	19,151	16,631	17,441	45,749	55,949
Loss of-					
Less than \$1,000	1,964	995	875	80	14
\$1,000 to \$4,999	8,098	3,869	3,803	377	49
\$5,000 to \$9,999	6,171	2,596	3,205	347	23
\$10,000 to \$24,999	6,605	2,658	3,540	359	48
\$25,000 to \$49,999	2,046	899	915	212	20
\$50,000 or more	1,748	652	755	293	48

See footnote(s) at end of table.

--continued

Table 77. Summary by Operating Arrangements: 2017 (continued)

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

Item	Total producers	One producer	Two producers	Three or four producers	Five or more producers
NET CASH FARM INCOME (SEE TEXT) - Con.					
Net cash farm income of producers (see text) farms	47,641	21,709	21,735	3,730	467
..... \$1,000	1,389,905	478,188	433,442	413,479	64,796
Average per farm dollars	29,175	22,027	19,942	110,852	138,749
Producers reporting net gains ² (see text) farms	20,859	9,958	8,589	2,051	261
Average net gain dollars	91,840	68,025	77,931	239,972	294,092
Gain of-					
Less than \$1,000	1,519	775	658	78	8
\$1,000 to \$4,999	3,929	2,014	1,675	214	26
\$5,000 to \$9,999	2,774	1,414	1,175	167	18
\$10,000 to \$24,999	3,902	1,996	1,628	250	28
\$25,000 to \$49,999	2,572	1,269	1,072	199	32
\$50,000 or more	6,163	2,490	2,381	1,143	149
Producers reporting net losses (see text) farms	26,782	11,751	13,146	1,679	206
Average net loss dollars	19,632	16,952	17,945	46,876	58,068
Loss of-					
Less than \$1,000	1,976	1,007	875	80	14
\$1,000 to \$4,999	8,122	3,882	3,816	376	48
\$5,000 to \$9,999	6,215	2,618	3,224	349	24
\$10,000 to \$24,999	6,601	2,658	3,527	368	48
\$25,000 to \$49,999	2,059	905	929	205	20
\$50,000 or more	1,809	681	775	301	52
COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)					
Total farms	451	212	158	71	10
..... \$1,000	52,640	19,241	18,223	13,978	1,198
INCOME FROM FARM-RELATED SOURCES					
Total income from farm-related sources farms	19,796	8,946	8,607	1,981	262
..... \$1,000	316,717	116,457	123,723	61,657	14,880
Customwork and other agricultural services farms	2,730	1,234	1,110	338	48
..... \$1,000	55,394	18,906	21,432	12,713	2,343
Gross cash rent or share payments farms	8,104	3,783	3,617	619	85
..... \$1,000	86,474	39,787	33,073	12,006	1,608
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products farms	1,836	788	826	191	31
..... \$1,000	16,373	7,031	7,185	1,947	210
Agri-tourism and recreational services farms	754	259	337	113	45
..... \$1,000	20,989	4,150	5,991	5,702	5,147
Patronage dividends and refunds from cooperatives farms	7,139	3,117	2,918	987	117
..... \$1,000	29,647	9,441	11,127	8,023	1,056
Crop and livestock insurance payments received farms	2,201	989	868	315	29
..... \$1,000	44,560	17,286	16,302	10,025	947
Amount from State and local government agricultural program payments farms	464	193	200	62	9
..... \$1,000	3,209	1,066	1,176	658	309
Other farm-related income sources (see text) farms	3,055	1,220	1,459	343	33
..... \$1,000	60,070	18,790	27,437	10,583	3,260
LAND USE					
Total cropland farms	40,597	18,880	17,962	3,338	417
..... acres	7,924,480	3,140,258	2,938,330	1,666,571	179,321
Harvested cropland farms	35,147	16,174	15,510	3,085	378
..... acres	7,214,667	2,812,717	2,656,504	1,576,158	169,288
Farms by acres harvested:					
1 to 49 acres	19,624	8,607	9,652	1,186	179
50 to 99 acres	4,425	2,291	1,748	338	48
100 to 199 acres	3,607	1,908	1,362	307	30
200 to 499 acres	3,662	1,856	1,358	408	40
500 to 999 acres	2,056	899	741	384	32
1,000 to 1,999 acres	1,228	466	469	271	22
2,000 acres or more	545	147	180	191	27
Cropland-					
Other pasture and grazing land that could have been used for crops without additional improvements farms	3,406	1,285	1,763	332	26
..... acres	97,239	42,681	42,170	11,640	748
On which all crops failed or were abandoned farms	2,757	1,319	1,193	224	21
..... acres	86,579	41,863	32,565	11,397	754
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed farms	11,091	5,125	4,942	900	124
..... acres	441,772	203,070	173,058	58,927	6,717
In summer fallow (see text) farms	3,207	1,467	1,450	254	36
..... acres	84,223	39,927	34,033	8,449	1,814
Total woodland farms	24,339	10,448	11,635	2,013	243
..... acres	975,652	427,642	404,517	124,518	18,975
Woodland pastured farms	3,772	1,518	1,877	341	36
..... acres	85,275	37,153	33,865	13,417	840
Woodland not pastured farms	22,448	9,652	10,708	1,860	228
..... acres	890,377	390,489	370,652	111,101	18,135
Permanent pasture and rangeland, other than cropland and woodland pastured farms	17,476	6,729	9,346	1,271	130
..... acres	341,391	138,574	157,288	40,289	5,240
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	32,103	13,547	15,646	2,591	319
..... acres	522,567	226,576	216,266	70,528	9,197

See footnote(s) at end of table.

--continued

Table 77. Summary by Operating Arrangements: 2017 (continued)

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

Item	Total producers	One producer	Two producers	Three or four producers	Five or more producers
LAND USE - Con.					
Irrigated land .....farms	5,153	1,723	2,470	805	155
.....acres	670,212	169,817	248,462	222,419	29,514
Harvested cropland .....farms	4,914	1,650	2,334	782	148
.....acres	666,976	168,776	247,022	221,930	29,248
Pastureland and other land .....farms	316	90	179	40	7
.....acres	3,236	1,041	1,440	489	266
CONSERVATION AND CROP INSURANCE					
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs .....farms	4,478	2,325	1,811	310	32
.....acres	129,038	67,175	51,371	9,867	625
Land enrolled in crop insurance programs .....farms	8,834	4,162	3,292	1,244	136
.....acres	4,549,417	1,702,198	1,655,461	1,081,111	110,647
ORGANIC AGRICULTURE					
Total organic product sales .....farms	646	210	333	89	14
.....\$1,000	176,069	27,281	29,996	117,984	808
VALUE OF LAND AND BUILDINGS					
Estimated market value of land and buildings .....farms	47,641	21,709	21,735	3,730	467
.....\$1,000	48,385,690	18,925,710	18,722,465	9,510,003	1,227,512
Average per farm .....dollars	1,015,631	871,791	861,397	2,549,599	2,628,505
Average per acre .....dollars	4,955	4,812	5,038	5,000	5,770
Farms by value group:					
\$1 to \$49,999 .....farms	2,803	1,333	1,257	201	12
.....\$50,000 to \$99,999	3,608	1,827	1,644	119	18
.....\$100,000 to \$199,999	8,893	3,978	4,376	484	55
.....\$200,000 to \$499,999	16,453	7,272	8,087	952	142
.....\$500,000 to \$999,999	6,887	3,291	3,000	536	60
.....\$1,000,000 to \$1,999,999	3,748	1,880	1,394	421	53
.....\$2,000,000 to \$4,999,999	3,217	1,365	1,268	526	58
.....\$5,000,000 to \$9,999,999	1,366	571	480	282	33
.....\$10,000,000 or more	666	192	229	209	36
VALUE OF MACHINERY AND EQUIPMENT					
Estimated market value of all machinery and equipment .....farms	47,637	21,709	21,731	3,730	467
.....\$1,000	7,371,356	2,787,421	2,858,635	1,535,424	189,875
Farms by value group:					
\$1 to \$4,999 .....farms	2,977	1,454	1,357	133	33
.....\$5,000 to \$9,999	3,761	1,787	1,804	151	19
.....\$10,000 to \$19,999	6,473	2,996	3,098	342	37
.....\$20,000 to \$49,999	12,446	5,728	5,981	652	85
.....\$50,000 to \$99,999	8,333	3,791	3,897	591	54
.....\$100,000 to \$199,999	5,550	2,548	2,443	479	80
.....\$200,000 to \$499,999	4,513	2,065	1,853	535	60
.....\$500,000 or more	3,584	1,340	1,298	847	99
SELECTED MACHINERY AND EQUIPMENT					
Trucks, including pickups .....farms	36,665	16,261	16,912	3,131	361
.....number	75,227	30,075	32,641	10,932	1,579
Tractors, all .....farms	39,667	17,931	18,077	3,276	383
.....number	119,056	52,408	50,180	14,706	1,762
Less than 40 horsepower (PTO) .....farms	21,371	9,397	9,985	1,796	193
.....number	32,779	14,345	14,941	3,129	364
40 to 99 horsepower (PTO) .....farms	27,616	12,588	12,391	2,376	261
.....number	50,072	22,216	21,579	5,526	751
100 horsepower (PTO) or more .....farms	15,281	7,480	5,835	1,771	195
.....number	36,205	15,847	13,660	6,051	647
Grain and bean combines, self-propelled .....farms	10,496	5,313	3,824	1,266	93
.....number	12,046	5,965	4,375	1,585	121
Cotton pickers and strippers, self-propelled .....farms	-	-	-	-	-
.....number	-	-	-	-	-
Forage harvesters, self-propelled .....farms	1,818	692	758	331	37
.....number	1,989	764	806	381	38
Hay balers .....farms	15,006	6,547	6,951	1,380	128
.....number	19,507	8,431	9,017	1,895	164
FERTILIZERS AND CHEMICALS					
Commercial fertilizer, lime, and soil conditioners used .....farms	22,234	10,310	9,258	2,352	314
.....acres treated	5,515,923	2,089,599	2,001,152	1,273,316	151,856
Manure used .....farms	9,687	3,641	4,804	1,109	133
.....acres treated	825,365	222,492	314,320	252,609	35,944
Organic fertilizer used (see text) .....farms	1,401	491	729	139	42
.....acres treated	82,256	26,742	38,326	15,577	1,611
Acres treated to control-					
Insects .....farms	8,158	3,351	3,418	1,199	190
.....acres	2,171,602	710,688	795,554	600,632	64,728
Weeds, grass, or brush .....farms	17,875	8,536	7,089	2,000	250
.....acres	5,919,857	2,287,833	2,167,040	1,320,851	144,133
Nematodes .....farms	1,573	692	573	256	52
.....acres	407,101	143,347	130,137	116,814	16,803
Diseases in crops and orchards .....farms	4,573	1,702	2,024	724	123
.....acres	944,112	271,594	356,739	283,020	32,759

See footnote(s) at end of table.

--continued

Table 77. Summary by Operating Arrangements: 2017 (continued)

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

Item	Total producers	One producer	Two producers	Three or four producers	Five or more producers
FERTILIZERS AND CHEMICALS - Con.					
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms 1,490	537	609	295	49
acres on which used	281,266	72,475	107,039	91,603	10,149
LAND USE PRACTICES					
Land drained by tile	farms 12,704	5,754	5,359	1,433	158
acres	3,029,891	1,122,103	1,129,961	691,611	86,216
Land artificially drained by ditches	farms 8,363	3,614	3,773	856	120
acres	1,055,439	403,847	407,210	212,189	32,193
Land under conservation easement	farms 974	401	445	108	20
acres	72,425	25,179	31,652	14,355	1,239
Cropland on which no-till practices were used	farms 8,174	3,862	3,328	926	58
acres	1,566,334	632,118	609,290	304,449	20,477
Cropland on which reduced tillage, excluding no till, practices were used (see text)	farms 7,720	3,708	2,981	926	105
acres	2,297,131	870,978	829,108	541,890	55,155
Cropland on which intensive tillage practices were used (see text)	farms 11,727	5,670	4,720	1,180	157
acres	2,343,703	934,997	815,054	528,898	64,754
Cropland planted to a cover crop (excluding CRP)	farms 6,275	2,459	2,817	880	119
acres	673,205	198,043	248,960	195,296	30,906
RENEWABLE ENERGY					
Renewable energy producing systems	farms 3,689	1,365	1,907	368	49
Solar panels	farms 1,589	546	854	166	23
Wind turbines	farms 625	267	255	94	9
Methane digesters	farms 16	5	6	5	-
Geothermal/geoexchange systems (see text)	farms 1,464	530	803	116	15
Small hydro systems	farms 36	13	18	5	-
Biodiesel production systems (see text)	farms 53	28	19	6	-
Ethanol production systems (see text)	farms 53	28	22	3	-
Other	farms 236	81	130	17	8
Wind rights leased to others	farms 1,519	689	619	191	20
TENURE					
Full owners	farms 32,208	14,393	15,622	1,910	283
Part owners	farms 13,383	6,145	5,500	1,591	147
Tenants	farms 2,050	1,171	613	229	37
OWNED AND RENTED LAND					
Land owned	farms 45,709	20,600	21,165	3,511	433
acres	6,377,759	2,679,178	2,510,293	1,057,487	130,801
Owned land in farms	farms 45,591	20,538	21,122	3,501	430
acres	5,758,976	2,383,580	2,260,472	993,832	121,092
Land rented or leased from others	farms 15,551	7,377	6,165	1,823	186
acres	4,040,596	1,565,790	1,465,425	915,340	94,041
Rented or leased land in farms	farms 15,433	7,316	6,113	1,820	184
acres	4,005,114	1,549,470	1,455,929	908,074	91,641
Land rented or leased to others	farms 8,659	4,018	3,852	688	101
acres	654,265	311,918	259,317	70,921	12,109
TOTAL PRODUCERS AND FARMS BY NUMBER OF PRODUCERS (SEE TEXT)					
Total producers (see text)	80,432	21,709	43,470	12,357	2,896
Farms by number of producers:					
1 producer	21,709	21,709	-	-	-
2 producers	21,735	-	21,735	-	-
3 producers	2,563	-	-	2,563	-
4 producers	1,167	-	-	1,167	-
5 or more producers	467	-	-	-	467
Total male producers (see text)	51,989	18,311	23,920	7,942	1,816
Farms by number of male producers:					
1 producer	37,927	18,311	18,956	643	17
2 producers	4,548	-	2,482	2,016	50
3 producers	1,098	-	-	925	173
4 producers	235	-	-	123	112
5 or more producers	115	-	-	-	115
Total female producers (see text)	28,443	3,398	19,550	4,415	1,080
Farms by number of female producers:					
1 producer	24,212	3,398	18,956	1,787	71
2 producers	1,622	-	297	1,165	160
3 producers	200	-	-	98	102
4 producers	63	-	-	1	62
5 or more producers	22	-	-	-	22
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT)					
Sex of producers:					
Male	51,449	18,311	23,920	7,942	1,276
Female	27,955	3,398	19,550	4,415	592
Hired managers (see text)	4,499	469	1,458	2,022	550
Primary occupation:					
Farming	34,706	10,376	17,122	6,263	945
Other	44,698	11,333	26,348	6,094	923

See footnote(s) at end of table.

--continued

Table 77. Summary by Operating Arrangements: 2017 (continued)

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

Item	Total producers	One producer	Two producers	Three or four producers	Five or more producers
PRODUCERS' CHARACTERISTICS ³ (SEE TEXT) - Con.					
Place of residence:					
On farm operated	63,913	17,694	37,437	7,930	852
Not on farm operated	15,491	4,015	6,033	4,427	1,016
Days of work off farm:					
None	33,132	9,637	17,218	5,500	777
Any	46,272	12,072	26,252	6,857	1,091
1 to 49 days	6,652	1,782	3,625	1,084	161
50 to 99 days	3,277	937	1,771	485	84
100 to 199 days	5,906	1,444	3,425	914	123
200 days or more	30,437	7,909	17,431	4,374	723
Years on present farm:					
2 years or less	4,559	915	2,440	1,010	194
3 or 4 years	5,759	1,107	3,268	1,179	205
5 to 9 years	11,170	2,458	6,404	1,957	351
10 years or more	57,916	17,229	31,358	8,211	1,118
Average years on present farm	22.7	26.0	21.8	20.9	18.4
Years operating any farm (see text):					
5 years or less	10,752	2,062	6,104	2,177	409
6 to 10 years	9,496	2,114	5,317	1,761	304
11 years or more	59,156	17,533	32,049	8,419	1,155
Average years on any farm	24.6	27.9	23.5	23.1	20.2
Age group:					
Under 25 years	1,488	96	337	868	187
25 to 34 years	5,697	1,168	2,731	1,569	229
35 to 44 years	9,612	2,096	5,634	1,611	271
45 to 54 years	14,706	3,393	8,603	2,332	378
55 to 64 years	23,131	6,380	13,226	3,101	424
65 to 74 years	16,495	5,332	9,183	1,723	257
75 years and over	8,275	3,244	3,756	1,153	122
Average age	56.6	59.9	56.6	51.8	49.8
Young producers (see text)	8,012	1,408	3,573	2,596	435
Producers of Hispanic, Latino, or Spanish origin	1,024	255	513	204	52
Producers by race:					
American Indian or Alaska Native	351	65	185	92	9
Asian	155	25	109	19	2
Black or African American	342	72	199	34	37
Native Hawaiian or Other Pacific Islander	8	3	5	-	-
White	78,010	21,413	42,691	12,130	1,776
More than one race reported	538	131	281	82	44
Military service (see text):					
Never served	71,988	18,883	39,738	11,620	1,747
Served	7,416	2,826	3,732	737	121
Number of persons living in producers' households (see text)	158,308	52,392	76,454	25,305	4,157
On farm involvement in decisionmaking (see text):					
Day-to-day decisions	69,711	20,904	37,860	9,526	1,421
Land use and/or crop decisions	60,124	18,977	31,531	8,398	1,218
Livestock decisions	42,028	11,897	23,935	5,531	665
Record keeping and/or financial management	58,779	18,879	31,623	7,239	1,038
Estate planning or succession planning	44,474	13,633	24,258	5,743	840
FARMS BY TYPE OF ORGANIZATION (SEE TEXT)					
Operation more than 50 percent owned by one producer's household and/or extended family (see text)	45,826 farms	21,083	20,998	3,356	389
Limited Liability Company	8,865,787 acres farms	3,751,576	3,342,186	1,602,948	169,077
.....	5,084 acres farms	1,809	2,434	729	112
.....	1,864,099 acres farms	527,743	731,527	536,244	68,585
LEGAL STATUS FOR TAX PURPOSES					
Family or individual	40,523 farms	19,648	18,493	2,172	210
.....	6,181,513 acres farms	3,236,906	2,263,882	631,046	49,679
Partnership	3,246 farms	602	1,686	851	107
Registered under State law	2,091,147 acres farms	280,037	937,982	785,084	88,044
.....	2,620 acres farms	478	1,320	724	98
.....	1,781,076 acres farms	235,119	754,122	711,040	80,795
Corporation	2,880 farms	994	1,172	596	118
Family held	1,315,561 acres farms	334,160	463,227	450,227	67,947
.....	2,540 acres farms	827	1,080	540	93
More than 10 stockholders	1,205,096 acres farms	292,536	433,683	415,522	63,355
10 or less stockholders	32 farms	9	9	5	9
.....	2,508 farms	818	1,071	535	84
Other than family held	340 acres farms	167	92	56	25
More than 10 stockholders	110,465 acres farms	41,624	29,544	34,705	4,592
10 or less stockholders	23 farms	5	1	10	7
.....	317 farms	162	91	46	18
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc.	992 farms	465	384	111	32
.....	175,869 acres farms	81,947	51,310	35,549	7,063

See footnote(s) at end of table.

--continued

Table 77. Summary by Operating Arrangements: 2017 (continued)

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

Item	Total producers	One producer	Two producers	Three or four producers	Five or more producers
HIRED FARM LABOR					
Hired farm labor farms	11,907	4,753	5,134	1,742	278
workers	77,475	20,590	29,620	20,952	6,313
Workers by days worked:					
150 days or more farms	5,589	1,877	2,259	1,244	209
workers	27,177	6,757	9,262	8,816	2,342
Less than 150 days farms	9,295	3,744	4,042	1,289	220
workers	50,298	13,833	20,358	12,136	3,971
Migrant farm labor on farms with hired labor farms	760	265	257	190	48
Migrant farm labor on farms reporting only					
contract labor farms	68	17	32	10	9
Unpaid workers farms	23,260	9,195	11,795	2,022	248
workers	54,839	18,291	29,208	6,342	998
FARMS BY SIZE					
1 to 9 acres	5,154	2,094	2,752	275	33
10 to 49 acres	16,920	7,290	8,606	915	109
50 to 69 acres	3,697	1,772	1,617	260	48
70 to 99 acres	4,931	2,355	2,262	275	39
100 to 139 acres	3,681	1,870	1,550	230	31
140 to 179 acres	2,230	1,199	846	160	25
180 to 219 acres	1,526	814	542	156	14
220 to 259 acres	1,191	623	451	111	6
260 to 499 acres	3,591	1,804	1,350	366	71
500 to 999 acres	2,560	1,132	955	437	36
1,000 to 1,999 acres	1,504	574	589	316	25
2,000 acres or more	656	182	215	229	30
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)					
Oilseed and grain farming (1111)	12,466	6,875	4,499	1,017	75
Vegetable and melon farming (1112)	1,826	642	950	188	46
Fruit and tree nut farming (1113)	2,549	1,015	1,189	275	70
Greenhouse, nursery, and floriculture production (1114)	2,313	851	1,134	274	54
Other crop farming (1119)	11,779	5,922	5,156	599	102
Tobacco farming (11191)	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	11,779	5,922	5,156	599	102
Beef cattle ranching and farming (112111)	5,578	2,383	2,794	385	16
Cattle feedlots (112112)	388	178	156	51	3
Dairy cattle and milk production (11212)	1,530	524	597	370	39
Hog and pig farming (1122)	715	297	334	70	14
Poultry and egg production (1123)	857	280	486	77	14
Sheep and goat farming (1124)	1,721	598	1,010	104	9
Aquaculture and other animal production (1125, 1129) (see text)	5,919	2,144	3,430	320	25
OTHER FARM CHARACTERISTICS					
Farms reporting-					
Internet access	36,756	15,593	17,645	3,135	383
Dial-up	1,344	621	594	125	4
DSL	7,610	3,005	3,800	730	75
Cable modem	8,236	3,416	3,987	698	135
Fiber-optic	1,704	683	832	150	39
Mobile internet service for a cell phone or other device (see text)	15,570	6,307	7,616	1,453	194
Satellite	7,022	2,820	3,476	634	92
Don't know (see text)	2,748	1,389	1,146	197	16
Other internet service	1,376	558	662	148	8
Farms by number of households sharing in net income of operation:					
1 household	40,932	20,110	18,494	2,103	225
2 households	5,092	1,237	2,906	881	68
3 households	1,046	227	189	561	69
4 households	356	75	91	146	44
5 or more households	215	60	55	39	61
LIVESTOCK					
Cattle and calves inventory farms	12,221	4,965	5,818	1,321	117
number	1,201,383	385,435	391,989	383,133	40,826
Farms with-					
1 to 9	4,620	1,861	2,441	301	17
10 to 49	4,550	1,962	2,161	389	38
50 to 99	1,132	487	475	156	14
100 to 199	765	315	309	127	14
200 to 499	681	215	293	162	11
500 or more	473	125	139	186	23
Cows and heifers that calved farms	9,243	3,681	4,400	1,069	93
number	545,554	181,626	163,861	179,458	20,609
Beef cows farms	7,445	3,061	3,678	653	53
number	103,522	42,234	44,563	15,222	1,503
Farms with-					
1 to 9	4,341	1,724	2,316	283	18
10 to 49	2,755	1,191	1,226	309	29
50 to 99	263	118	109	33	3
100 to 199	68	25	21	21	1
200 to 499	16	2	6	6	2
500 or more	2	1	-	1	-
Milk cows farms	2,158	733	903	471	51
number	442,032	139,392	119,298	164,236	19,106
Farms with-					
1 to 9	582	190	315	70	7

See footnote(s) at end of table.

--continued

Table 77. Summary by Operating Arrangements: 2017 (continued)

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

Item	Total producers	One producer	Two producers	Three or four producers	Five or more producers
LIVESTOCK - Con.					
Cattle and calves inventory - Con.					
Cows and heifers that calved - Con.					
Milk cows - Con.					
Farms with - Con.					
10 to 49	462	170	213	71	8
50 to 99	353	145	123	80	5
100 to 199	303	86	116	88	13
200 to 499	270	85	84	95	6
500 or more	188	57	52	67	12
Other cattle (see text)	9,557	3,813	4,513	1,133	98
.....farms					
.....number	655,829	203,809	228,128	203,675	20,217
Cattle and calves sold	9,539	3,827	4,458	1,150	104
.....farms					
.....number	748,919	247,412	254,992	229,473	17,042
.....\$1,000	628,397	214,372	215,221	187,107	11,697
Calves weighing less than 500 pounds	3,347	1,322	1,535	450	40
.....farms					
.....number	287,148	99,816	94,136	84,976	8,220
Cattle weighing 500 pounds or more	8,692	3,442	4,058	1,099	93
.....farms					
.....number	461,771	147,596	160,856	144,497	8,822
Cattle on feed (see text)	1,168	423	510	219	16
.....farms					
.....number	166,320	48,955	52,750	62,731	1,884
Hogs and pigs inventory	2,017	683	1,038	261	35
.....farms					
.....number	1,236,567	438,342	414,586	287,574	96,065
Farms with-					
1 to 24	1,564	508	852	182	22
25 to 49	120	36	66	16	2
50 to 99	72	32	27	12	1
100 to 199	40	17	13	8	2
200 to 499	18	3	11	3	1
500 or more	203	87	69	40	7
Hogs and pigs sold	2,441	865	1,267	273	36
.....farms					
.....number	4,076,081	1,280,845	1,789,060	811,736	194,440
.....\$1,000	608,555	190,551	291,268	104,446	22,290
Sheep and lambs inventory (see text)	2,483	840	1,429	194	20
.....farms					
.....number	89,270	28,817	50,417	7,087	2,949
Sheep and lambs sold	1,610	468	963	161	18
.....farms					
.....number	62,018	15,802	36,279	4,667	5,270
Total horses and ponies inventory	10,235	3,678	5,858	622	77
.....farms					
.....number	64,200	22,845	35,155	5,164	1,036
Total horses and ponies sold (see text)	1,480	491	860	114	15
.....farms					
.....number	4,421	1,333	2,466	530	92
Goats, all inventory	2,614	674	1,691	219	30
.....farms					
.....number	29,226	6,363	19,984	2,390	489
Goats, all sold	1,267	317	830	106	14
.....farms					
.....number	13,653	3,217	9,408	786	242
POULTRY					
Layers inventory (see text)	7,039	2,111	4,294	573	61
.....farms					
.....number	15,074,549	(D)	(D)	10,093,948	8,798
Farms with-					
1 to 399	6,961	2,083	4,262	558	58
400 to 3,199	63	24	27	9	3
3,200 to 9,999	5	2	3	-	-
10,000 to 19,999	-	-	-	-	-
20,000 to 49,999	1	-	-	1	-
50,000 to 99,999	1	-	1	-	-
100,000 or more	8	2	1	5	-
Pullets for laying flock replacement inventory	1,159	311	738	104	6
.....farms					
.....number	4,933,440	2,496,001	(D)	(D)	318
Layers sold (see text)	1,235	302	788	131	14
.....farms					
.....number	5,036,819	(D)	(D)	3,077,991	1,552
Pullets for laying flock replacement sold	132	26	94	12	-
.....farms					
.....number	6,573,536	(D)	(D)	6,065	-
Broilers and other meat-type chickens sold	1,582	392	1,004	177	9
.....farms					
.....number	8,868,690	1,313,176	6,536,718	1,018,408	388
Farms with-					
1 to 1,999	1,539	384	983	163	9
2,000 to 59,999	21	4	5	12	-
60,000 to 99,999	-	-	-	-	-
100,000 or more	22	4	16	2	-
Turkeys inventory (see text)	1,036	266	644	115	11
.....farms					
.....number	2,279,108	225,422	(D)	1,338,570	(D)
Turkeys sold (see text)	767	172	492	100	3
.....farms					
.....number	5,186,242	557,826	(D)	3,723,513	(D)
CROPS					
Barley for grain	183	79	71	32	1
.....farms					
.....acres	5,740	2,567	2,028	(D)	(D)
.....bushels	272,067	133,062	86,449	(D)	(D)
Irrigated	1	-	1	-	-
.....farms					
.....acres	(D)	-	(D)	-	-
Farms by acres harvested:					
1 to 24 acres	114	51	45	18	-
25 to 99 acres	59	24	22	12	1
100 to 249 acres	7	1	4	2	-

See footnote(s) at end of table.

--continued

Table 77. Summary by Operating Arrangements: 2017 (continued)

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

Item	Total producers	One producer	Two producers	Three or four producers	Five or more producers
CROPS - Con.					
Barley for grain - Con.					
Farms by acres harvested: - Con.					
250 to 499 acres	3	3	-	-	-
500 acres or more	-	-	-	-	-
Corn for grain	farms 11,195	5,467	4,300	1,303	125
acres	2,168,204	829,470	794,840	497,498	46,396
bushels	344,533,785	130,152,116	126,501,393	80,637,073	7,243,203
Irrigated	farms 1,030	422	385	209	14
acres	313,638	84,300	116,279	106,902	6,157
Farms by acres harvested:					
1 to 24 acres	2,751	1,389	1,160	173	29
25 to 99 acres	3,530	1,904	1,327	263	36
100 to 249 acres	2,418	1,215	880	310	13
250 to 499 acres	1,413	582	539	271	21
500 acres or more	1,083	377	394	286	26
Corn for silage or greenchop	farms 2,355	853	934	508	60
acres	331,133	93,501	100,597	120,811	16,224
tons	6,157,400	1,676,024	1,882,587	2,274,766	324,023
Irrigated	farms 133	29	45	53	6
acres	21,043	2,416	5,418	11,314	1,895
Farms by acres harvested:					
1 to 24 acres	772	313	348	103	8
25 to 99 acres	802	309	332	150	11
100 to 249 acres	453	139	153	145	16
250 to 499 acres	192	57	66	54	15
500 acres or more	136	35	35	56	10
Dry edible beans, excluding chickpeas and limas (see text)	farms 1,085	536	374	160	15
acres	225,334	91,361	77,793	49,239	6,941
cwt	4,487,274	1,792,451	1,543,640	1,011,613	139,570
Irrigated	farms 58	23	19	15	1
acres	10,376	(D)	4,114	2,761	(D)
Farms by acres harvested:					
1 to 24 acres	97	53	29	14	1
25 to 99 acres	341	186	116	36	3
100 to 249 acres	346	173	122	45	6
250 to 499 acres	190	86	74	30	-
500 acres or more	111	38	33	35	5
Oats for grain	farms 1,167	525	465	170	7
acres	34,492	16,792	11,801	5,793	106
bushels	2,079,160	970,138	700,244	403,218	5,560
Irrigated	farms 5	1	4	-	-
acres	417	(D)	(D)	-	-
Farms by acres harvested:					
1 to 24 acres	778	357	325	90	6
25 to 99 acres	324	139	115	69	1
100 to 249 acres	59	24	24	11	-
250 to 499 acres	3	2	1	-	-
500 acres or more	3	3	-	-	-
Sorghum for grain	farms 27	4	14	9	-
acres	1,888	(D)	700	(D)	-
bushels	225,714	(D)	82,851	(D)	-
Irrigated	farms 7	1	2	4	-
acres	1,186	(D)	(D)	303	-
Farms by acres harvested:					
1 to 24 acres	11	1	9	1	-
25 to 99 acres	11	2	3	6	-
100 to 249 acres	3	-	1	2	-
250 to 499 acres	2	1	1	-	-
500 acres or more	-	-	-	-	-
Soybeans for beans	farms 11,988	6,301	4,367	1,220	100
acres	2,487,343	1,059,837	914,473	476,177	36,856
bushels	107,048,753	44,394,830	39,647,651	21,340,015	1,666,257
Irrigated	farms 699	304	268	119	8
acres	140,492	41,313	58,420	39,374	1,385
Farms by acres harvested:					
1 to 24 acres	1,918	1,083	708	104	23
25 to 99 acres	4,126	2,332	1,470	301	23
100 to 249 acres	3,051	1,679	1,070	285	17
250 to 499 acres	1,580	703	630	231	16
500 acres or more	1,313	504	489	299	21
Sugarbeets for sugar	farms 661	304	248	101	8
acres	145,790	43,395	57,127	40,234	5,034
tons	3,693,023	1,073,727	1,445,880	1,038,260	135,156
Irrigated	farms 25	6	11	7	1
acres	(D)	468	1,064	937	(D)
Sunflower seed, all	farms 46	17	20	9	-
acres	1,735	590	276	869	-
pounds	3,095,470	969,834	411,224	1,714,412	-
Irrigated	farms 9	6	3	-	-
acres	(D)	42	(D)	-	-
Farms by acres harvested:					
1 to 24 acres	30	10	16	4	-
25 to 99 acres	11	6	3	2	-
100 to 249 acres	4	1	1	2	-
250 to 499 acres	1	-	-	1	-
500 acres or more	-	-	-	-	-
Wheat for grain, all	farms 4,974	2,417	1,848	664	45
acres	487,011	200,505	172,175	106,938	7,393
bushels	38,015,624	15,337,515	13,471,749	8,627,568	578,792

See footnote(s) at end of table.

--continued

Table 77. Summary by Operating Arrangements: 2017 (continued)

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

Item	Total producers	One producer	Two producers	Three or four producers	Five or more producers
CROPS - Con.					
Wheat for grain, all - Con.					
Irrigated .....farms	114	36	43	31	4
.....acres	17,399	2,794	7,215	7,059	331
Farms by acres harvested:					
1 to 24 acres	1,202	636	465	96	5
25 to 99 acres	2,277	1,167	833	263	14
100 to 249 acres	1,021	437	386	182	16
250 to 499 acres	378	149	138	81	10
500 acres or more	96	28	26	42	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....farms	18,833	8,174	8,876	1,626	157
.....acres	1,009,570	400,613	406,565	179,433	22,959
.....tons, dry equivalent	2,674,133	948,909	1,007,612	620,678	96,934
Irrigated .....farms	417	139	169	95	14
.....acres	24,775	6,643	7,236	9,313	1,583
Farms by acres harvested:					
1 to 24 acres	10,092	4,355	5,163	525	49
25 to 99 acres	6,193	2,816	2,739	590	48
100 to 249 acres	1,837	755	729	326	27
250 to 499 acres	501	181	180	118	22
500 acres or more	210	67	65	67	11
Alfalfa hay .....farms	13,660	5,968	6,403	1,173	116
.....acres	576,416	248,253	234,495	84,852	8,816
.....tons, dry	1,351,628	543,837	530,256	244,700	32,835
Irrigated .....farms	267	91	115	54	7
.....acres	8,707	2,794	3,187	2,544	182
Other dry hay (see text) .....farms	5,188	2,236	2,528	388	36
.....acres	184,859	79,536	83,553	19,364	2,406
.....tons, dry	285,257	120,288	126,287	34,587	4,095
Irrigated .....farms	62	25	27	8	2
.....acres	1,744	601	998	(D)	(D)
Field and grass seed crops, all .....farms	26	14	6	6	-
.....acres	593	380	121	92	-
Irrigated .....farms	1	-	1	-	-
.....acres	(D)	-	(D)	-	-
Land in vegetables (see text) .....farms	3,047	999	1,588	382	78
.....acres	160,923	34,067	58,866	52,212	15,779
Irrigated .....farms	1,366	373	721	225	47
.....acres	102,819	16,331	36,724	37,229	12,535
Farms by acres harvested:					
0.1 to 4.9 acres	1,956	609	1,138	171	38
5.0 to 24.9 acres	554	209	251	82	12
25.0 to 99.9 acres	255	95	111	45	4
100.0 to 249.9 acres	135	46	44	37	8
250.0 acres or more	147	40	44	47	16
Beans, snap .....farms	844	267	453	103	21
.....acres	12,706	4,050	2,530	5,601	524
Harvested for processing .....farms	120	36	54	25	5
.....acres	11,220	3,575	1,822	5,364	459
Peas, green .....farms	239	55	136	42	6
.....acres	3,072	14	1,771	1,283	3
Harvested for processing .....farms	33	-	21	8	4
.....acres	3,008	-	1,732	1,275	(Z)
Potatoes .....farms	761	214	422	99	26
.....acres	50,511	7,803	13,427	20,731	8,551
Harvested for processing .....farms	107	23	55	18	11
.....acres	40,447	4,775	11,737	16,319	7,616
Farms by acres harvested:					
0.1 to 4.9 acres	643	172	382	74	15
5.0 to 24.9 acres	35	17	17	1	-
25.0 to 99.9 acres	18	7	7	2	2
100.0 to 249.9 acres	28	9	10	6	3
250.0 acres or more	37	9	6	16	6
Sweet corn .....farms	835	282	417	111	25
.....acres	8,466	2,347	3,333	1,527	1,259
Harvested for processing .....farms	79	26	43	7	3
.....acres	229	(D)	49	7	(D)
Sweet potatoes .....farms	70	15	49	4	2
.....acres	(D)	9	11	(D)	(D)
Harvested for processing .....farms	3	1	2	-	-
.....acres	1	(D)	(D)	-	-
Tomatoes in the open .....farms	1,216	366	674	148	28
.....acres	5,102	1,189	1,287	2,101	525
Harvested for processing .....farms	125	34	70	16	5
.....acres	2,938	(D)	(D)	1,537	(D)
Land in orchards (see text) .....farms	2,552	891	1,322	282	57
.....acres	98,220	29,166	30,188	33,023	5,844
Irrigated .....farms	529	143	269	90	27
.....acres	15,278	4,571	4,158	5,038	1,511
Farms by bearing and nonbearing acres:					
0.1 to 4.9 acres	1,379	478	808	82	11
5.0 to 24.9 acres	571	206	292	53	20
25.0 to 99.9 acres	323	122	132	58	11
100.0 to 249.9 acres	191	64	70	52	5
250.0 acres or more	88	21	20	37	10
Apples .....farms	1,551	539	796	187	29
.....bearing and nonbearing acres	38,563	12,107	11,695	12,518	2,244

See footnote(s) at end of table.

--continued

Table 77. Summary by Operating Arrangements: 2017 (continued)

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

Item	Total producers	One producer	Two producers	Three or four producers	Five or more producers
CROPS - Con.					
Land in orchards (see text) - Con.					
Grapes farms	791	256	420	88	27
bearing and nonbearing acres	13,127	3,316	3,545	4,626	1,640
Peaches, all farms	477	142	272	55	8
bearing and nonbearing acres	2,863	952	978	797	137
Pecans farms	12	2	10	-	-
bearing and nonbearing acres	3	(D)	(D)	-	-
Walnuts, English farms	83	26	51	5	1
bearing and nonbearing acres	116	(D)	60	1	(D)
Land in berries (see text) farms	1,566	564	806	154	42
acres	25,006	8,069	8,067	5,962	2,908

¹ Landlord production expenses are included with total farm production expenses.

² Farms with total production expenses equal to market value of agricultural products sold, government payments, and farm-related income are included as farms with gains of less than \$1,000.

³ Data were collected for a maximum of four producers per farm.

Table 1. County Summary Highlights: 2017

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Farms number	47,641	223	126	1,172	415	333
Land in farms .....acres	9,764,090	36,431	20,961	229,743	65,388	55,565
Average size of farm .....acres	205	163	166	196	158	167
Median size of farm .....acres	59	76	51	42	80	77
Estimated market value of land and buildings:						
Average per farm .....dollars	1,015,631	423,042	339,285	1,172,374	401,054	701,340
Average per acre .....dollars	4,955	2,590	2,040	5,981	2,545	4,203
Estimated market value of all machinery and equipment .....\$1,000	7,371,356	23,673	8,748	261,494	39,600	35,961
Average per farm .....dollars	154,740	106,156	69,429	223,117	95,421	107,992
Farms by size:						
1 to 9 acres	5,154	6	14	162	31	22
10 to 49 acres	16,920	78	47	450	129	104
50 to 179 acres	14,539	85	37	317	168	131
180 to 499 acres	6,308	34	20	132	58	54
500 to 999 acres	2,560	17	2	52	19	14
1,000 acres or more	2,160	3	6	59	10	8
Total cropland .....farms	40,597	202	117	982	360	296
.....acres	7,924,480	24,086	9,937	196,870	42,206	34,179
Harvested cropland .....farms	35,147	179	102	907	319	260
.....acres	7,214,667	20,042	7,799	181,865	35,668	24,661
Irrigated land .....farms	5,153	15	20	212	22	81
.....acres	670,212	60	46	24,845	46	4,026
Market value of agricultural products sold (see text) .....\$1,000	8,220,935	11,494	4,225	584,373	25,896	35,472
Average per farm .....dollars	172,560	51,543	33,533	498,612	62,399	106,521
Crops, including nursery and greenhouse crops .....\$1,000	4,644,252	5,008	1,262	176,650	7,645	28,983
Livestock, poultry, and their products .....\$1,000	3,576,684	6,486	2,963	407,723	18,251	6,488
Farms by value of sales:						
Less than \$2,500	17,877	100	53	368	179	126
\$2,500 to \$4,999	4,268	22	12	113	61	33
\$5,000 to \$9,999	4,545	23	14	125	54	28
\$10,000 to \$24,999	5,631	23	16	123	48	53
\$25,000 to \$49,999	3,519	18	9	76	16	24
\$50,000 to \$99,999	3,084	6	11	84	14	19
\$100,000 or more	8,717	31	11	283	43	50
Government payments (see text) .....farms	15,350	48	8	284	96	49
.....\$1,000	167,189	268	12	4,521	861	226
Total income from farm-related sources .....farms	19,796	70	44	461	134	128
.....\$1,000	316,717	1,249	80	8,263	1,162	1,679
Total farm production expenses .....\$1,000	7,208,181	10,585	4,388	492,678	20,991	29,311
Average per farm .....dollars	151,302	47,467	34,823	420,373	50,581	88,022
Net cash farm income of the operations .....farms	47,641	223	126	1,172	415	333
.....\$1,000	1,496,660	2,426	-70	104,479	6,927	8,066
Average per farm .....dollars	31,415	10,877	-559	89,146	16,692	24,221
Livestock and poultry:						
Cattle and calves inventory .....farms	12,221	55	36	390	138	59
.....number	1,201,383	3,300	2,215	61,421	8,085	3,736
Beef cows .....farms	7,445	34	17	216	80	43
.....number	103,522	715	554	2,382	1,078	(D)
Milk cows .....farms	2,158	11	10	104	33	2
.....number	442,032	1,177	488	26,730	4,251	(D)
Cattle and calves sold .....farms	9,539	44	34	315	102	45
.....number	748,919	2,001	1,299	28,148	2,929	1,750
Hogs and pigs inventory .....farms	2,017	2	9	54	11	6
.....number	1,236,567	(D)	251	206,926	66	215
Hogs and pigs sold .....farms	2,441	7	24	85	28	10
.....number	4,076,081	16	422	820,666	201	303
Sheep and lambs inventory .....farms	2,483	5	18	60	35	23
.....number	89,270	193	625	1,797	815	501
Layers inventory (see text) .....farms	7,039	28	46	165	65	50
.....number	15,074,549	988	949	6,155,985	3,795	3,172
Broilers and other meat-type chickens sold .....farms	1,582	5	14	48	15	12
.....number	8,868,690	666	2,580	1,390,508	4,970	4,112
Selected crops harvested:						
Corn for grain .....farms	11,195	30	3	291	35	30
.....acres	2,168,204	2,712	105	67,317	4,916	1,506
.....bushels	344,533,785	378,232	10,976	11,685,125	675,215	182,515
Corn for silage or greenchop .....farms	2,355	5	1	88	30	24
.....acres	331,133	491	(D)	16,803	2,202	1,544
.....tons	6,157,400	7,965	(D)	324,426	31,893	23,524
Wheat for grain, all .....farms	4,974	16	1	91	28	4
.....acres	487,011	572	(D)	5,178	2,890	286
.....bushels	38,015,624	30,921	(D)	366,863	158,436	16,140
Other spring wheat for grain (see text) .....farms	14	-	-	-	-	-
.....acres	869	-	-	-	-	-
.....bushels	21,715	-	-	-	-	-
Winter wheat for grain .....farms	4,962	16	1	91	28	4
.....acres	486,142	572	(D)	5,178	2,890	286
.....bushels	37,993,909	30,921	(D)	366,863	158,436	16,140
Oats for grain .....farms	1,167	5	11	20	15	8
.....acres	34,492	305	357	416	1,058	269
.....bushels	2,079,160	21,840	18,639	23,370	63,114	17,360
Barley for grain .....farms	183	1	2	6	6	-
.....acres	5,740	(D)	(D)	(D)	176	-
.....bushels	272,067	(D)	(D)	(D)	8,080	-
Sorghum for grain .....farms	27	-	-	-	1	-
.....acres	1,888	-	-	-	(D)	-
.....bushels	225,714	-	-	-	(D)	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Farms .....number	350	65	938	726	197	872
Land in farms acres	87,174	17,604	154,624	209,848	18,516	144,583
Average size of farm acres	249	271	165	289	94	166
Median size of farm acres	84	114	52	80	40	40
Estimated market value of land and buildings:						
Average per farm dollars	835,592	592,800	791,437	1,460,329	372,275	1,068,559
Average per acre dollars	3,355	2,189	4,801	5,052	3,961	6,445
Estimated market value of all machinery and equipment .....\$1,000	65,429	5,786	112,398	176,070	13,016	123,969
Average per farm dollars	186,941	89,014	119,827	242,520	66,072	142,166
Farms by size:						
1 to 9 acres	28	-	104	71	27	135
10 to 49 acres	91	19	354	196	91	369
50 to 179 acres	132	22	319	227	59	204
180 to 499 acres	45	15	91	110	12	92
500 to 999 acres	34	4	32	58	7	43
1,000 acres or more	20	5	38	64	1	29
Total cropland .....farms	331	52	760	679	161	794
.....acres	72,958	9,511	119,174	197,074	8,706	123,529
Harvested cropland .....farms	234	51	610	569	126	748
.....acres	63,460	8,278	107,854	183,785	6,794	112,819
Irrigated land .....farms	17	5	45	43	47	204
.....acres	228	5	4,901	5,228	697	20,048
Market value of agricultural products sold (see text) .....\$1,000	43,001	2,210	139,682	116,537	10,027	171,350
Average per farm dollars	122,860	34,007	148,915	160,520	50,900	196,502
Crops, including nursery and greenhouse crops .....\$1,000	29,046	1,291	43,167	102,895	7,868	156,686
Livestock, poultry, and their products .....\$1,000	13,955	919	96,515	13,642	2,159	14,663
Farms by value of sales:						
Less than \$2,500	169	19	394	217	89	256
\$2,500 to \$4,999	16	14	68	27	19	68
\$5,000 to \$9,999	13	5	116	40	26	65
\$10,000 to \$24,999	32	10	137	84	25	121
\$25,000 to \$49,999	23	4	69	83	10	87
\$50,000 to \$99,999	32	7	32	62	9	70
\$100,000 or more	65	6	122	213	19	205
Government payments (see text) .....farms	250	17	264	492	24	180
.....\$1,000	2,256	7	2,959	4,501	189	2,594
Total income from farm-related sources .....farms	143	18	413	333	63	422
.....\$1,000	1,697	135	6,311	3,812	1,851	6,819
Total farm production expenses .....\$1,000	35,772	1,517	116,680	98,323	10,740	144,640
Average per farm dollars	102,205	23,343	124,392	135,431	54,519	165,871
Net cash farm income of the operations .....farms	350	65	938	726	197	872
.....\$1,000	11,182	835	32,272	26,528	1,327	36,123
Average per farm dollars	31,948	12,846	34,406	36,540	6,734	41,425
Livestock and poultry:						
Cattle and calves inventory .....farms	65	40	359	71	40	99
.....number	7,924	1,718	40,819	7,313	1,137	3,804
Beef cows .....farms	42	33	254	48	28	71
.....number	732	(D)	3,147	883	(D)	837
Milk cows .....farms	13	2	36	11	2	5
.....number	3,448	(D)	16,480	2,961	(D)	1,112
Cattle and calves sold .....farms	48	33	264	56	28	85
.....number	3,308	939	27,790	2,311	825	1,631
Hogs and pigs inventory .....farms	11	3	36	15	5	11
.....number	132	13	(D)	281	19	18,511
Hogs and pigs sold .....farms	11	2	49	5	8	31
.....number	180	(D)	(D)	391	91	83,141
Sheep and lambs inventory .....farms	2	2	45	11	4	39
.....number	(D)	(D)	1,151	386	12	366
Layers inventory (see text) .....farms	33	14	152	47	47	124
.....number	524	830	5,319	2,219	1,240	2,450
Broilers and other meat-type chickens sold .....farms	8	3	30	14	22	5
.....number	440	90	2,412	510	6,404	420
Selected crops harvested:						
Corn for grain .....farms	113	3	183	349	15	192
.....acres	16,034	135	32,789	59,195	1,224	44,928
.....bushels	2,444,220	18,900	5,393,238	9,724,791	163,112	7,476,440
Corn for silage or greenchop .....farms	18	3	44	18	12	3
.....acres	2,399	300	11,711	1,644	389	596
.....tons	39,735	5,400	237,791	30,694	5,537	10,712
Wheat for grain, all .....farms	58	-	60	164	-	20
.....acres	6,987	-	4,416	14,939	-	1,002
.....bushels	506,224	-	298,656	1,176,811	-	64,038
Other spring wheat for grain (see text) .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-
Winter wheat for grain .....farms	58	-	60	164	-	20
.....acres	6,987	-	4,416	14,939	-	1,002
.....bushels	506,224	-	298,656	1,176,811	-	64,038
Oats for grain .....farms	8	11	9	5	3	2
.....acres	280	3,120	201	62	18	(D)
.....bushels	20,668	202,529	13,393	5,227	578	(D)
Barley for grain .....farms	1	-	1	1	-	-
.....acres	(D)	-	(D)	(D)	-	-
.....bushels	(D)	-	(D)	(D)	-	-
Sorghum for grain .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Farms number	789	958	747	271	330	427
Land in farms .....acres	239,418	213,946	198,515	29,940	44,024	89,066
Average size of farm .....acres	303	223	266	110	133	209
Median size of farm .....acres	76	68	49	55	67	110
Estimated market value of land and buildings:						
Average per farm .....dollars	1,285,432	1,185,546	1,228,314	416,535	341,794	451,403
Average per acre .....dollars	4,236	5,309	4,622	3,770	2,562	2,164
Estimated market value of all machinery and equipment .....\$1,000	163,922	133,127	142,710	16,119	24,020	32,236
Average per farm .....dollars	207,759	139,254	191,044	59,479	72,788	75,495
Farms by size:						
1 to 9 acres	70	97	80	24	27	22
10 to 49 acres	235	311	302	100	95	92
50 to 179 acres	254	314	181	101	147	176
180 to 499 acres	102	125	97	35	50	96
500 to 999 acres	69	55	48	8	8	26
1,000 acres or more	59	56	39	3	3	15
Total cropland .....farms	704	813	646	209	272	369
.....acres	204,344	174,553	163,681	14,110	22,124	53,245
Harvested cropland .....farms	584	714	577	174	220	295
.....acres	191,614	163,533	154,451	10,203	15,719	30,835
Irrigated land .....farms	129	78	148	29	12	24
.....acres	55,701	13,334	71,245	57	(D)	36
Market value of agricultural products sold (see text) .....\$1,000	162,296	113,869	153,388	8,415	7,146	10,675
Average per farm .....dollars	205,698	118,861	205,338	31,050	21,654	25,001
Crops, including nursery and greenhouse crops .....\$1,000	106,933	69,594	99,836	4,991	4,201	4,023
Livestock, poultry, and their products .....\$1,000	55,362	44,275	53,552	3,424	2,945	6,652
Farms by value of sales:						
Less than \$2,500	261	352	281	113	170	162
\$2,500 to \$4,999	58	94	87	36	45	42
\$5,000 to \$9,999	88	91	49	31	41	63
\$10,000 to \$24,999	77	114	84	46	35	74
\$25,000 to \$49,999	46	70	55	12	15	42
\$50,000 to \$99,999	64	74	48	16	14	20
\$100,000 or more	195	163	143	17	10	24
Government payments (see text) .....farms	359	352	318	32	36	101
.....\$1,000	5,703	4,522	4,103	104	112	447
Total income from farm-related sources .....farms	353	375	317	86	75	129
.....\$1,000	7,169	5,181	7,845	1,082	275	3,325
Total farm production expenses .....\$1,000	140,272	107,115	136,525	7,005	7,810	10,790
Average per farm .....dollars	177,785	111,811	182,765	25,850	23,667	25,270
Net cash farm income of the operations .....farms	789	958	747	271	330	427
.....\$1,000	34,895	16,456	28,810	2,596	-278	3,657
Average per farm .....dollars	44,227	17,178	38,567	9,578	-842	8,565
Livestock and poultry:						
Cattle and calves inventory .....farms	239	246	197	61	82	130
.....number	13,742	17,068	5,229	2,172	3,041	5,576
Beef cows .....farms	143	168	153	41	71	98
.....number	1,812	1,964	1,845	543	1,155	1,937
Milk cows .....farms	35	32	13	12	7	14
.....number	3,240	4,978	734	516	644	636
Cattle and calves sold .....farms	192	188	116	54	58	100
.....number	11,608	7,917	1,664	1,078	1,067	2,745
Hogs and pigs inventory .....farms	68	55	44	13	18	32
.....number	61,989	65,981	142,046	160	144	185
Hogs and pigs sold .....farms	68	60	52	16	28	32
.....number	202,925	107,937	299,657	290	398	601
Sheep and lambs inventory .....farms	40	71	46	30	4	50
.....number	2,916	1,512	1,522	1,905	275	2,601
Layers inventory (see text) .....farms	115	132	95	64	91	69
.....number	3,282	12,899	6,219	1,519	2,763	2,681
Broilers and other meat-type chickens sold .....farms	26	24	13	18	18	19
.....number	(D)	1,415	19,055	979	951	688
Selected crops harvested:						
Corn for grain .....farms	306	305	244	32	5	-
.....acres	92,925	69,426	76,640	2,417	(D)	-
.....bushels	14,518,654	9,488,519	11,935,071	268,208	(D)	-
Corn for silage or greenchop .....farms	26	31	5	13	7	2
.....acres	3,439	4,694	271	501	408	(D)
.....tons	69,954	92,821	5,406	8,328	5,422	(D)
Wheat for grain, all .....farms	45	81	21	9	10	1
.....acres	2,783	4,491	988	112	326	(D)
.....bushels	185,583	319,901	59,133	5,232	18,840	(D)
Other spring wheat for grain (see text) .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-
Winter wheat for grain .....farms	45	81	21	9	10	1
.....acres	2,783	4,491	988	112	326	(D)
.....bushels	185,583	319,901	59,133	5,232	18,840	(D)
Oats for grain .....farms	18	10	3	17	10	16
.....acres	230	88	60	202	298	845
.....bushels	13,640	3,146	1,200	11,558	19,535	38,024
Barley for grain .....farms	-	2	7	5	9	3
.....acres	-	(D)	318	118	144	(D)
.....bushels	-	(D)	11,681	5,334	7,930	(D)
Sorghum for grain .....farms	-	1	-	-	-	-
.....acres	-	(D)	-	-	-	-
.....bushels	-	(D)	-	-	-	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Farms .....number	396	1,017	45	253	158	962
Land in farms acres	54,609	229,763	2,941	58,764	22,043	210,120
Average size of farm acres	138	226	65	232	140	218
Median size of farm acres	70	58	30	90	85	63
Estimated market value of land and buildings:						
Average per farm dollars	415,261	1,277,549	228,867	414,631	380,435	912,095
Average per acre dollars	3,011	5,655	3,502	1,785	2,727	4,176
Estimated market value of all machinery and equipment \$1,000	30,150	197,634	1,637	22,642	13,307	127,313
Average per farm dollars	76,135	194,330	36,385	89,494	84,219	132,342
Farms by size:						
1 to 9 acres	25	110	6	19	19	68
10 to 49 acres	137	365	22	55	33	332
50 to 179 acres	166	312	14	90	67	310
180 to 499 acres	49	112	3	53	32	134
500 to 999 acres	10	58	-	22	5	70
1,000 acres or more	9	60	-	14	2	48
Total cropland farms	314	887	13	219	123	826
..... acres	30,407	200,898	334	29,049	8,748	177,091
Harvested cropland farms	277	747	13	181	111	733
..... acres	24,957	186,551	(D)	21,424	5,514	168,296
Irrigated land farms	18	37	-	22	8	36
..... acres	(D)	2,637	-	774	252	726
Market value of agricultural products sold (see text) \$1,000	22,059	224,284	215	10,800	4,372	83,305
Average per farm dollars	55,705	220,535	4,775	42,688	27,670	86,595
Crops, including nursery and greenhouse crops \$1,000	4,823	72,219	22	6,469	2,379	74,393
Livestock, poultry, and their products \$1,000	17,236	152,065	193	4,331	1,993	8,911
Farms by value of sales:						
Less than \$2,500	158	370	25	115	94	298
\$2,500 to \$4,999	48	88	8	25	18	96
\$5,000 to \$9,999	49	99	5	18	14	107
\$10,000 to \$24,999	47	112	6	41	18	118
\$25,000 to \$49,999	29	102	1	15	2	67
\$50,000 to \$99,999	21	70	-	7	3	88
\$100,000 or more	44	176	-	32	9	188
Government payments (see text) farms	86	424	-	61	18	362
..... \$1,000	384	4,392	-	133	33	4,192
Total income from farm-related sources farms	120	427	8	86	41	487
..... \$1,000	1,326	6,402	110	636	314	4,765
Total farm production expenses \$1,000	20,050	210,457	720	10,159	4,647	71,275
Average per farm dollars	50,631	206,939	16,006	40,154	29,411	74,091
Net cash farm income of the operations farms	396	1,017	45	253	158	962
..... \$1,000	3,719	24,620	-396	1,409	72	20,986
Average per farm dollars	9,391	24,209	-8,796	5,571	455	21,815
Livestock and poultry:						
Cattle and calves inventory farms	165	294	6	83	38	233
..... number	12,589	64,037	89	6,269	1,683	8,041
Beef cows farms	87	143	6	64	33	161
..... number	1,957	1,678	29	1,839	390	2,388
Milk cows farms	56	50	-	12	5	29
..... number	2,960	31,288	-	753	424	1,368
Cattle and calves sold farms	137	242	8	60	27	187
..... number	8,330	28,776	25	2,241	496	3,463
Hogs and pigs inventory farms	27	31	13	4	14	28
..... number	103	5,412	51	34	141	376
Hogs and pigs sold farms	19	33	11	11	14	43
..... number	54	7,915	114	130	324	578
Sheep and lambs inventory farms	24	59	16	6	9	49
..... number	1,869	2,336	201	101	91	1,439
Layers inventory (see text) farms	91	134	19	39	15	136
..... number	1,809	4,248	275	1,663	363	5,737
Broilers and other meat-type chickens sold farms	22	47	11	6	6	23
..... number	700	2,696	1,314	138	60	2,544
Selected crops harvested:						
Corn for grain farms	51	293	2	18	5	281
..... acres	2,337	52,562	(D)	1,589	208	53,048
Corn for silage or greenchop farms	334,312	7,771,457	(D)	169,764	25,060	8,889,906
..... acres	47	53	-	17	6	21
..... tons	2,746	19,419	-	550	329	743
Wheat for grain, all farms	43,801	373,466	-	8,507	4,911	12,952
..... acres	20	195	-	3	1	131
..... bushels	988	15,555	-	294	(D)	12,043
Other spring wheat for grain (see text) farms	60,580	1,158,708	-	4,410	(D)	767,818
..... acres	-	-	-	3	1	-
..... bushels	-	-	-	294	(D)	-
Winter wheat for grain farms	-	-	-	4,410	(D)	-
..... acres	20	195	-	-	-	131
..... bushels	988	15,555	-	-	-	12,043
..... bushels	60,580	1,158,708	-	-	-	767,818
Oats for grain farms	30	20	2	11	6	9
..... acres	580	411	(D)	411	168	464
..... bushels	36,104	31,843	(D)	26,022	6,005	33,690
Barley for grain farms	3	6	-	14	-	3
..... acres	74	24	-	802	-	40
..... bushels	(D)	1,440	-	39,903	-	900
Sorghum for grain farms	-	1	-	-	-	-
..... acres	-	(D)	-	-	-	-
..... bushels	-	(D)	-	-	-	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Farms number	324	820	459	54	497	812
Land in farms .....acres	39,256	123,920	58,586	5,535	50,886	296,702
Average size of farm .....acres	121	151	128	103	102	365
Median size of farm .....acres	74	38	70	49	40	80
Estimated market value of land and buildings:						
Average per farm .....dollars	456,379	795,230	498,882	266,642	651,401	1,984,846
Average per acre .....dollars	3,767	5,262	3,909	2,601	6,362	5,432
Estimated market value of all machinery and equipment .....\$1,000	20,558	85,205	34,399	2,230	42,675	227,449
Average per farm .....dollars	63,450	103,908	74,943	41,304	85,866	280,110
Farms by size:						
1 to 9 acres	28	77	27	2	104	81
10 to 49 acres	114	410	145	26	181	230
50 to 179 acres	113	212	210	20	144	223
180 to 499 acres	60	64	63	5	42	134
500 to 999 acres	6	29	7	-	22	65
1,000 acres or more	3	28	7	1	4	79
Total cropland .....farms	274	642	399	44	419	723
Harvested cropland .....farms	20,548	104,329	36,517	1,825	36,096	272,446
.....acres	238	581	344	36	394	634
Irrigated land .....farms	12,896	96,854	29,550	1,299	29,997	259,408
.....acres	43	73	16	3	133	76
Market value of agricultural products sold (see text) .....\$1,000	287	1,546	135	(D)	2,820	15,865
Average per farm .....dollars	8,714	70,413	15,759	747	34,099	281,445
.....dollars	26,895	85,870	34,333	13,829	68,610	346,607
Crops, including nursery and greenhouse crops .....\$1,000	6,124	60,891	8,833	217	28,372	121,891
Livestock, poultry, and their products .....\$1,000	2,590	9,523	6,926	530	5,727	159,554
Farms by value of sales:						
Less than \$2,500	146	341	194	16	157	220
\$2,500 to \$4,999	38	88	62	16	58	38
\$5,000 to \$9,999	36	89	54	10	71	67
\$10,000 to \$24,999	54	109	66	3	72	110
\$25,000 to \$49,999	26	59	29	6	43	68
\$50,000 to \$99,999	9	35	30	2	20	63
\$100,000 or more	15	99	24	1	76	246
Government payments (see text) .....farms	41	205	159	1	86	493
.....\$1,000	97	2,561	680	(D)	501	5,365
Total income from farm-related sources .....farms	80	290	134	14	177	410
.....\$1,000	990	3,498	823	66	8,426	8,181
Total farm production expenses .....\$1,000	12,087	68,312	15,389	696	32,276	244,909
Average per farm .....dollars	37,304	83,308	33,526	12,880	64,941	301,612
Net cash farm income of the operations .....farms	324	820	459	54	497	812
.....\$1,000	-2,285	8,159	1,872	118	10,750	50,081
Average per farm .....dollars	-7,053	9,951	4,079	2,183	21,630	61,677
Livestock and poultry:						
Cattle and calves inventory .....farms	89	180	179	21	75	202
.....number	2,555	4,760	5,212	259	2,909	54,333
Beef cows .....farms	72	124	98	18	59	94
.....number	892	981	1,317	(D)	1,085	2,685
Milk cows .....farms	9	16	35	2	3	35
.....number	247	1,098	1,125	(D)	98	24,675
Cattle and calves sold .....farms	73	111	138	16	67	170
.....number	896	1,806	2,743	73	1,800	44,802
Hogs and pigs inventory .....farms	16	26	38	6	10	22
.....number	84	112	483	95	(D)	46,355
Hogs and pigs sold .....farms	24	27	42	8	18	32
.....number	389	740	551	405	(D)	214,139
Sheep and lambs inventory .....farms	12	51	31	8	17	20
.....number	238	1,250	427	280	197	314
Layers inventory (see text) .....farms	65	133	85	18	58	44
.....number	2,878	3,508	2,492	415	2,267	1,646
Broilers and other meat-type chickens sold .....farms	23	18	12	3	1	12
.....number	1,304	4,274	706	46	(D)	25,439
Selected crops harvested:						
Corn for grain .....farms	18	162	86	-	44	332
.....acres	474	29,567	4,822	-	4,022	85,331
.....bushels	48,713	4,426,902	718,796	-	516,042	13,131,021
Corn for silage or greenchop .....farms	21	19	23	1	17	74
.....acres	581	1,203	1,410	(D)	1,179	21,012
.....tons	7,334	17,704	18,146	(D)	20,520	386,806
Wheat for grain, all .....farms	11	63	33	-	19	158
.....acres	129	4,300	1,762	-	1,195	18,654
.....bushels	3,694	274,149	106,913	-	58,478	1,382,339
Other spring wheat for grain (see text) .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-
Winter wheat for grain .....farms	11	63	33	-	19	158
.....acres	129	4,300	1,762	-	1,195	18,654
.....bushels	3,694	274,149	106,913	-	58,478	1,382,339
Oats for grain .....farms	19	8	43	-	29	5
.....acres	739	74	552	-	2,139	81
.....bushels	46,471	4,980	28,047	-	103,711	3,353
Barley for grain .....farms	4	3	3	-	8	-
.....acres	60	14	(D)	-	767	-
.....bushels	3,520	680	(D)	-	47,430	-
Sorghum for grain .....farms	-	-	1	-	-	-
.....acres	-	-	(D)	-	-	-
.....bushels	-	-	(D)	-	-	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Farms .....number	1,205	208	1,153	912	954	244
Land in farms acres	254,245	26,016	495,258	178,200	233,990	33,828
Average size of farm acres	211	125	430	195	245	139
Median size of farm acres	60	80	129	35	67	69
Estimated market value of land and buildings:						
Average per farm dollars	909,201	294,396	2,597,983	1,040,491	1,215,280	437,110
Average per acre dollars	4,309	2,354	6,048	5,325	4,955	3,153
Estimated market value of all machinery and equipment .....\$1,000	180,076	10,294	415,961	131,238	196,569	25,137
Average per farm dollars	149,441	49,491	360,764	143,901	206,048	103,020
Farms by size:						
1 to 9 acres	139	20	100	140	99	14
10 to 49 acres	395	56	242	409	324	89
50 to 179 acres	418	86	302	188	276	89
180 to 499 acres	120	41	250	107	132	38
500 to 999 acres	63	4	98	28	70	12
1,000 acres or more	70	1	161	40	53	2
Total cropland .....farms	1,056	175	1,055	736	807	206
.....acres	212,346	13,353	458,761	152,247	200,122	22,913
Harvested cropland .....farms	777	147	850	664	712	173
.....acres	191,068	9,740	430,557	144,920	187,157	19,239
Irrigated land .....farms	59	22	37	65	56	16
.....acres	8,802	30	3,065	1,768	5,113	184
Market value of agricultural products sold (see text) .....\$1,000	165,110	6,307	610,778	113,798	382,945	14,892
Average per farm dollars	137,021	30,324	529,729	124,779	401,410	61,035
Crops, including nursery and greenhouse crops .....\$1,000	84,795	2,292	262,969	72,923	83,897	4,069
Livestock, poultry, and their products .....\$1,000	80,315	4,015	347,809	40,876	299,048	10,824
Farms by value of sales:						
Less than \$2,500	527	98	356	388	323	117
\$2,500 to \$4,999	115	32	28	100	78	25
\$5,000 to \$9,999	98	16	42	88	87	21
\$10,000 to \$24,999	118	27	67	104	107	30
\$25,000 to \$49,999	64	13	76	48	89	21
\$50,000 to \$99,999	80	13	94	50	68	9
\$100,000 or more	203	9	490	134	202	21
Government payments (see text) .....farms	603	27	871	180	434	81
.....\$1,000	7,375	52	12,201	3,921	5,053	503
Total income from farm-related sources .....farms	482	35	794	390	446	69
.....\$1,000	5,986	219	17,902	6,689	6,851	403
Total farm production expenses .....\$1,000	149,048	5,477	532,831	99,562	344,896	12,319
Average per farm dollars	123,691	26,333	462,126	109,169	361,526	50,489
Net cash farm income of the operations .....farms	1,205	208	1,153	912	954	244
.....\$1,000	29,424	1,100	108,049	24,847	49,953	3,479
Average per farm dollars	24,418	5,290	93,711	27,245	52,362	14,257
Livestock and poultry:						
Cattle and calves inventory .....farms	279	64	304	198	323	79
.....number	29,434	1,868	138,244	17,978	46,751	6,479
Beef cows .....farms	135	57	79	120	181	52
.....number	1,607	540	1,139	1,412	3,007	1,145
Milk cows .....farms	69	6	73	44	49	14
.....number	10,080	618	50,274	8,501	16,360	2,016
Cattle and calves sold .....farms	256	34	275	167	258	54
.....number	27,754	1,208	110,965	7,852	28,663	2,882
Hogs and pigs inventory .....farms	51	18	27	41	46	4
.....number	32,192	71	35,761	2,316	89,222	13
.....farms	55	19	30	61	54	7
Hogs and pigs sold .....number	96,568	131	86,418	5,142	197,739	36
.....farms	85	28	20	74	52	15
Sheep and lambs inventory .....farms	3,368	677	379	3,252	1,410	642
.....number	117	38	57	184	109	31
Layers inventory (see text) .....farms	2,645	1,119	(D)	17,389	(D)	950
.....number	12	13	24	58	7	2
Broilers and other meat-type chickens sold .....farms	390	4,373	4,564	6,280	321	(D)
.....number						
Selected crops harvested:						
Corn for grain .....farms	299	8	454	167	333	30
.....acres	67,520	560	91,560	48,901	66,036	3,587
.....bushels	10,558,633	72,472	17,131,948	7,833,259	10,939,560	510,688
Corn for silage or greenchop .....farms	50	-	137	34	83	17
.....acres	6,757	-	27,669	5,406	16,011	1,820
.....tons	131,995	-	554,565	114,880	318,959	28,298
Wheat for grain, all .....farms	112	1	435	95	165	15
.....acres	9,216	(D)	75,200	11,915	10,906	649
.....bushels	725,304	(D)	7,342,679	878,267	800,897	45,424
Other spring wheat for grain (see text) .....farms	-	-	-	2	-	-
.....acres	-	(D)	-	(D)	-	-
.....bushels	-	(D)	-	(D)	-	-
Winter wheat for grain .....farms	112	1	435	93	165	15
.....acres	9,216	(D)	75,200	(D)	10,906	649
.....bushels	725,304	(D)	7,342,679	(D)	800,897	45,424
Oats for grain .....farms	22	19	27	4	12	9
.....acres	289	856	1,008	184	279	260
.....bushels	16,933	32,363	108,168	3,800	18,657	21,772
Barley for grain .....farms	1	3	5	-	1	1
.....acres	(D)	250	166	-	(D)	(D)
.....bushels	(D)	(D)	9,688	-	(D)	(D)
Sorghum for grain .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Farms number	133	959	923	707	225	1,010
Land in farms .....acres	23,450	211,752	160,412	138,569	27,137	157,466
Average size of farm .....acres	176	221	174	196	121	156
Median size of farm .....acres	80	80	44	30	70	40
Estimated market value of land and buildings:						
Average per farm .....dollars	348,316	905,013	866,522	1,382,696	320,046	1,150,595
Average per acre .....dollars	1,976	4,099	4,986	7,055	2,654	7,380
Estimated market value of all machinery and equipment .....\$1,000	8,607	149,930	107,128	145,774	19,990	135,654
Average per farm .....dollars	64,714	156,666	116,065	206,186	88,846	134,311
Farms by size:						
1 to 9 acres	7	68	142	142	21	173
10 to 49 acres	36	286	339	295	67	373
50 to 179 acres	56	365	273	135	94	281
180 to 499 acres	24	151	88	72	40	109
500 to 999 acres	7	54	45	27	-	39
1,000 acres or more	3	35	36	36	3	35
Total cropland .....farms	114	826	753	553	175	821
Harvested cropland .....acres	10,638	174,203	125,804	111,842	16,318	124,769
Irrigated land .....farms	107	734	668	513	133	740
.....acres	8,251	158,504	114,362	106,116	9,343	114,998
Market value of agricultural products sold (see text) .....\$1,000	3,665	116,848	70,807	236,922	8,325	262,815
Average per farm .....dollars	27,560	121,843	76,714	335,109	37,000	260,213
Crops, including nursery and greenhouse crops .....\$1,000	3,248	61,718	43,582	176,451	7,683	202,387
Livestock, poultry, and their products .....\$1,000	418	55,130	27,225	60,471	642	60,428
Farms by value of sales:						
Less than \$2,500	72	344	398	259	97	357
\$2,500 to \$4,999	11	79	103	54	25	98
\$5,000 to \$9,999	14	75	86	77	32	133
\$10,000 to \$24,999	15	115	107	88	43	91
\$25,000 to \$49,999	16	96	48	40	16	69
\$50,000 to \$99,999	1	73	59	44	5	60
\$100,000 or more	4	177	122	145	7	202
Government payments (see text) .....farms	10	401	239	153	45	189
.....\$1,000	38	3,450	3,526	2,664	170	2,199
Total income from farm-related sources .....farms	21	372	337	288	86	386
.....\$1,000	164	3,679	4,313	9,522	658	9,249
Total farm production expenses .....\$1,000	4,113	103,285	73,198	192,517	7,715	230,518
Average per farm .....dollars	30,926	107,701	79,304	272,301	34,291	228,236
Net cash farm income of the operations .....farms	133	959	923	707	225	1,010
.....\$1,000	-246	20,691	5,448	56,591	1,437	43,745
Average per farm .....dollars	-1,849	21,576	5,902	80,044	6,387	43,311
Livestock and poultry:						
Cattle and calves inventory .....farms	39	302	255	133	50	285
.....number	957	29,123	13,249	17,677	1,110	23,737
Beef cows .....farms	33	166	164	85	36	200
.....number	556	2,373	2,522	1,288	431	2,236
Milk cows .....farms	-	56	38	8	5	42
.....number	-	10,673	3,980	8,405	44	8,952
Cattle and calves sold .....farms	27	245	213	112	39	232
.....number	509	13,573	6,736	9,132	386	10,876
Hogs and pigs inventory .....farms	13	33	54	26	20	37
.....number	59	2,838	5,416	94,417	209	(D)
Hogs and pigs sold .....farms	10	43	54	29	40	72
.....number	102	7,382	19,257	116,931	344	35,753
Sheep and lambs inventory .....farms	27	47	62	23	14	68
.....number	367	1,232	5,824	3,061	135	1,224
Layers inventory (see text) .....farms	22	90	162	116	54	182
.....number	1,174	2,788	8,289	1,995	4,308	4,485
Broilers and other meat-type chickens sold .....farms	1	27	39	24	25	42
.....number	(D)	11,991	5,970	1,656	1,115	3,042
Selected crops harvested:						
Corn for grain .....farms	1	271	221	165	4	190
.....acres	(D)	35,146	44,352	50,140	143	39,658
.....bushels	(D)	5,367,704	5,710,143	7,605,497	14,240	5,944,078
Corn for silage or greenchop .....farms	4	69	33	23	6	53
.....acres	96	8,089	3,813	3,433	142	7,168
.....tons	1,518	140,207	67,622	71,232	1,720	137,870
Wheat for grain, all .....farms	4	123	88	29	16	69
.....acres	192	11,480	6,219	2,835	1,160	6,102
.....bushels	10,040	756,319	412,477	204,681	64,458	396,676
Other spring wheat for grain (see text) .....farms	4	1	-	-	-	-
.....acres	192	(D)	-	-	-	-
.....bushels	10,040	(D)	-	-	-	-
Winter wheat for grain .....farms	-	123	88	29	16	69
.....acres	-	(D)	6,219	2,835	1,160	6,102
.....bushels	-	(D)	412,477	204,681	64,458	396,676
Oats for grain .....farms	14	37	23	6	8	20
.....acres	521	1,099	437	141	218	413
.....bushels	36,901	63,026	24,491	11,665	8,786	23,784
Barley for grain .....farms	9	4	1	1	1	4
.....acres	150	253	45	(D)	(D)	106
.....bushels	5,174	14,003	1,799	(D)	(D)	2,240
Sorghum for grain .....farms	-	6	-	3	1	-
.....acres	-	18	-	109	(D)	-
.....bushels	-	810	-	11,364	(D)	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Farms .....number	9	168	1,013	470	1,361	724
Land in farms acres	240	21,630	165,464	50,053	385,784	89,370
Average size of farm acres	27	129	163	106	283	123
Median size of farm acres	20	81	43	49	65	26
Estimated market value of land and buildings:						
Average per farm dollars	90,000	316,975	752,544	779,662	1,481,398	703,733
Average per acre dollars	3,375	2,462	4,607	7,321	5,226	5,701
Estimated market value of all machinery and equipment .....\$1,000	240	8,887	143,465	52,462	267,007	62,262
Average per farm dollars	26,667	52,897	141,624	111,622	196,185	85,997
Farms by size:						
1 to 9 acres	-	7	102	73	145	146
10 to 49 acres	9	56	425	165	436	301
50 to 179 acres	-	80	284	161	417	168
180 to 499 acres	-	18	121	59	145	68
500 to 999 acres	-	5	47	8	114	22
1,000 acres or more	-	2	34	4	104	19
Total cropland .....farms	9	143	805	405	1,217	544
.....acres	84	11,844	128,679	29,946	345,221	67,218
Harvested cropland .....farms	6	121	730	374	955	479
.....acres	30	8,701	120,062	23,968	322,729	59,573
Irrigated land .....farms	-	16	83	132	90	70
.....acres	-	111	2,366	2,343	9,772	1,126
Market value of agricultural products sold (see text) .....\$1,000	2	3,247	86,954	42,442	259,884	48,482
Average per farm dollars	167	19,325	85,838	90,302	190,951	66,964
Crops, including nursery and greenhouse crops .....\$1,000	2	1,354	63,390	39,772	168,061	30,288
Livestock, poultry, and their products .....\$1,000	-	1,892	23,564	2,670	91,823	18,195
Farms by value of sales:						
Less than \$2,500	9	92	374	151	500	342
\$2,500 to \$4,999	-	20	114	34	95	85
\$5,000 to \$9,999	-	20	104	48	102	84
\$10,000 to \$24,999	-	18	120	55	141	72
\$25,000 to \$49,999	-	9	88	38	95	31
\$50,000 to \$99,999	-	5	63	54	95	30
\$100,000 or more	-	4	150	90	333	80
Government payments (see text) .....farms	-	11	182	66	725	96
.....\$1,000	-	49	1,424	376	11,691	1,444
Total income from farm-related sources .....farms	3	62	356	158	614	194
.....\$1,000	10	1,016	5,159	3,285	10,268	3,433
Total farm production expenses .....\$1,000	49	4,518	75,778	44,249	229,074	43,603
Average per farm dollars	5,486	26,894	74,806	94,146	168,313	60,225
Net cash farm income of the operations .....farms	9	168	1,013	470	1,361	724
.....\$1,000	-38	-206	17,759	1,854	52,769	9,756
Average per farm dollars	-4,226	-1,226	17,531	3,945	38,772	13,475
Livestock and poultry:						
Cattle and calves inventory .....farms	-	58	282	46	225	150
.....number	-	1,866	14,464	1,498	35,459	6,363
Beef cows .....farms	-	37	195	28	121	111
.....number	-	508	2,827	447	1,382	1,233
Milk cows .....farms	-	13	32	13	30	13
.....number	-	375	2,468	186	14,751	1,990
Cattle and calves sold .....farms	-	45	205	33	197	113
.....number	-	643	9,539	963	31,190	2,231
Hogs and pigs inventory .....farms	-	6	59	14	50	39
.....number	-	29	1,329	181	14,720	1,225
Hogs and pigs sold .....farms	-	9	52	30	48	47
.....number	-	103	3,177	775	30,227	1,684
Sheep and lambs inventory .....farms	-	11	91	24	54	46
.....number	-	386	2,018	297	5,183	1,066
Layers inventory (see text) .....farms	-	29	182	54	111	165
.....number	-	582	7,409	1,764	3,386	5,298
Broilers and other meat-type chickens sold .....farms	-	1	26	15	27	49
.....number	-	(D)	2,509	3,470	4,824	3,137
Selected crops harvested:						
Corn for grain .....farms	-	8	213	36	452	101
.....acres	-	856	36,032	2,788	110,522	16,630
.....bushels	-	111,633	6,152,838	314,474	19,632,966	2,516,325
Corn for silage or greenchop .....farms	-	7	35	10	53	15
.....acres	-	319	3,139	228	13,022	1,899
.....tons	-	4,949	60,197	2,541	266,352	34,048
Wheat for grain, all .....farms	-	4	94	5	284	41
.....acres	-	210	6,855	275	27,203	4,472
.....bushels	-	14,260	522,071	19,352	2,300,892	288,910
Other spring wheat for grain (see text) .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-
Winter wheat for grain .....farms	-	4	94	5	284	41
.....acres	-	210	6,855	275	27,203	4,472
.....bushels	-	14,260	522,071	19,352	2,300,892	288,910
Oats for grain .....farms	-	4	16	11	11	2
.....acres	-	(D)	318	204	133	(D)
.....bushels	-	(D)	26,556	11,583	7,610	(D)
Barley for grain .....farms	-	-	2	-	1	-
.....acres	-	-	(D)	-	(D)	-
.....bushels	-	-	(D)	-	(D)	-
Sorghum for grain .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Farms number	71	101	404	274	179	472
Land in farms .....acres	9,895	25,046	73,660	41,371	30,250	85,429
Average size of farm .....acres	139	248	182	151	169	181
Median size of farm .....acres	40	80	34	76	50	68
Estimated market value of land and buildings:						
Average per farm .....dollars	351,299	495,340	928,906	435,471	372,759	563,138
Average per acre .....dollars	2,521	1,997	5,095	2,884	2,206	3,111
Estimated market value of all machinery and equipment .....\$1,000	4,607	7,518	60,359	22,296	15,271	62,408
Average per farm .....dollars	64,881	74,432	149,403	81,371	85,310	132,221
Farms by size:						
1 to 9 acres	18	5	54	8	27	44
10 to 49 acres	22	33	171	95	62	152
50 to 179 acres	15	31	71	116	47	158
180 to 499 acres	9	17	63	44	27	75
500 to 999 acres	6	7	26	8	10	30
1,000 acres or more	1	8	19	3	6	13
Total cropland .....farms	47	84	353	243	136	414
.....acres	4,037	13,204	66,628	19,323	11,318	62,996
Harvested cropland .....farms	38	82	325	211	118	356
.....acres	(D)	10,347	61,906	13,199	9,427	51,987
Irrigated land .....farms	6	6	68	46	42	58
.....acres	(D)	7	4,286	1,014	66	4,186
Market value of agricultural products sold (see text) .....\$1,000	3,771	7,140	78,824	10,325	3,676	56,686
Average per farm .....dollars	53,119	70,690	195,109	37,683	20,539	120,098
Crops, including nursery and greenhouse crops .....\$1,000	3,333	823	68,751	7,804	1,134	32,939
Livestock, poultry, and their products .....\$1,000	438	6,316	10,074	2,522	2,542	23,747
Farms by value of sales:						
Less than \$2,500	43	41	121	114	84	173
\$2,500 to \$4,999	9	19	33	44	21	68
\$5,000 to \$9,999	2	9	46	37	23	44
\$10,000 to \$24,999	5	11	35	33	31	52
\$25,000 to \$49,999	2	6	38	8	6	29
\$50,000 to \$99,999	4	5	31	11	5	34
\$100,000 or more	6	10	100	27	9	72
Government payments (see text) .....farms	8	14	101	41	17	122
.....\$1,000	(D)	173	800	246	46	943
Total income from farm-related sources .....farms	16	23	152	105	34	211
.....\$1,000	129	300	2,613	1,343	168	2,055
Total farm production expenses .....\$1,000	3,748	5,621	68,232	11,398	5,055	46,285
Average per farm .....dollars	52,786	55,657	168,892	41,599	28,241	98,061
Net cash farm income of the operations .....farms	71	101	404	274	179	472
.....\$1,000	157	1,991	14,005	515	-1,165	13,399
Average per farm .....dollars	2,208	19,713	34,666	1,881	-6,506	28,387
Livestock and poultry:						
Cattle and calves inventory .....farms	18	34	59	61	50	123
.....number	683	3,979	4,241	1,344	1,393	11,203
Beef cows .....farms	18	26	26	49	35	79
.....number	383	808	349	661	485	1,175
Milk cows .....farms	-	13	13	16	7	27
.....number	-	1,077	698	58	303	3,526
Cattle and calves sold .....farms	12	27	40	46	33	100
.....number	433	2,131	4,259	1,597	540	4,544
Hogs and pigs inventory .....farms	12	2	5	11	14	9
.....number	96	(D)	(D)	59	92	(D)
Hogs and pigs sold .....farms	12	4	9	11	17	14
.....number	186	14	495	57	126	27,677
Sheep and lambs inventory .....farms	-	14	26	15	17	16
.....number	-	352	297	537	125	473
Layers inventory (see text) .....farms	25	19	41	51	45	64
.....number	478	297	2,668	2,985	5,157	3,374
Broilers and other meat-type chickens sold .....farms	9	4	12	11	6	14
.....number	636	93	1,350	1,087	704	2,862
Selected crops harvested:						
Corn for grain .....farms	-	-	97	36	2	96
.....acres	-	-	14,525	4,651	(D)	14,223
.....bushels	-	-	2,454,366	522,677	(D)	2,234,769
Corn for silage or greenchop .....farms	-	5	15	14	8	20
.....acres	-	754	1,064	557	248	2,322
.....tons	-	8,720	15,622	6,478	3,968	42,612
Wheat for grain, all .....farms	-	3	28	7	-	74
.....acres	-	132	1,902	169	-	4,663
.....bushels	-	(D)	134,453	8,087	-	253,909
Other spring wheat for grain (see text) .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-
Winter wheat for grain .....farms	-	3	28	7	-	74
.....acres	-	132	1,902	169	-	4,663
.....bushels	-	(D)	134,453	8,087	-	253,909
Oats for grain .....farms	-	7	5	3	4	42
.....acres	-	284	232	26	62	1,295
.....bushels	-	10,225	11,333	1,332	2,345	67,922
Barley for grain .....farms	-	2	-	-	1	-
.....acres	-	(D)	-	-	(D)	-
.....bushels	-	(D)	-	-	(D)	-
Sorghum for grain .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Farms .....number	694	353	530	406	1,085	962
Land in farms acres	115,118	79,621	87,688	113,624	209,838	230,362
Average size of farm acres	166	226	165	280	193	239
Median size of farm acres	80	100	45	80	36	64
Estimated market value of land and buildings:						
Average per farm dollars	581,429	479,385	916,909	1,023,840	1,190,516	955,776
Average per acre dollars	3,505	2,125	5,542	3,658	6,156	3,991
Estimated market value of all machinery and equipment .....\$1,000	101,118	40,025	64,190	83,517	162,905	164,187
Average per farm dollars	145,703	113,385	121,112	205,707	150,143	170,672
Farms by size:						
1 to 9 acres	25	18	57	29	177	70
10 to 49 acres	195	87	215	116	449	365
50 to 179 acres	329	126	171	134	212	314
180 to 499 acres	113	86	46	63	131	119
500 to 999 acres	17	24	19	36	71	50
1,000 acres or more	15	12	22	28	45	44
Total cropland .....farms	615	295	436	326	939	815
.....acres	81,522	47,190	69,899	88,669	194,088	191,937
Harvested cropland .....farms	536	264	360	289	822	693
.....acres	67,217	38,250	61,885	79,495	188,153	176,344
Irrigated land .....farms	66	16	34	50	88	123
.....acres	17,642	102	639	8,513	4,281	59,511
Market value of agricultural products sold (see text) .....\$1,000	180,065	37,598	46,896	148,708	174,504	180,469
Average per farm dollars	259,459	106,509	88,483	366,276	160,834	187,598
Crops, including nursery and greenhouse crops .....\$1,000	38,799	4,308	26,764	22,013	167,904	128,519
Livestock, poultry, and their products .....\$1,000	141,265	33,289	20,132	126,695	6,600	51,950
Farms by value of sales:						
Less than \$2,500	240	132	233	160	386	392
\$2,500 to \$4,999	80	44	58	15	71	86
\$5,000 to \$9,999	95	51	46	43	91	98
\$10,000 to \$24,999	95	44	61	51	131	103
\$25,000 to \$49,999	64	23	51	31	76	68
\$50,000 to \$99,999	55	12	27	16	94	40
\$100,000 or more	65	47	54	90	236	175
Government payments (see text) .....farms	189	95	212	104	474	264
.....\$1,000	909	610	2,366	759	4,555	2,732
Total income from farm-related sources .....farms	283	143	196	178	586	408
.....\$1,000	3,273	1,751	1,825	2,548	6,235	6,398
Total farm production expenses .....\$1,000	171,138	30,591	46,497	127,958	157,725	155,427
Average per farm dollars	246,597	86,661	87,729	315,167	145,368	161,567
Net cash farm income of the operations .....farms	694	353	530	406	1,085	962
.....\$1,000	13,108	9,368	4,591	24,058	27,569	34,171
Average per farm dollars	18,888	26,537	8,661	59,255	25,409	35,521
Livestock and poultry:						
Cattle and calves inventory .....farms	309	118	143	189	122	305
.....number	14,435	16,115	7,972	49,216	3,329	21,092
Beef cows .....farms	175	73	115	99	74	170
.....number	2,543	1,482	(D)	1,747	541	1,765
Milk cows .....farms	89	37	4	70	4	66
.....number	4,010	6,883	(D)	25,582	306	9,080
Cattle and calves sold .....farms	226	105	108	139	100	219
.....number	6,900	4,639	5,739	31,023	3,262	12,352
Hogs and pigs inventory .....farms	52	13	34	21	22	50
.....number	99,041	105	3,069	109	409	18,429
Hogs and pigs sold .....farms	59	20	28	25	32	40
.....number	(D)	149	5,871	351	554	36,332
Sheep and lambs inventory .....farms	26	19	35	9	38	54
.....number	4,858	224	364	259	500	975
Layers inventory (see text) .....farms	146	64	95	74	93	137
.....number	7,804	2,042	8,301	5,070	4,317	10,652
Broilers and other meat-type chickens sold .....farms	36	7	16	17	37	19
.....number	10,468	1,640	5,548	9,918	2,306	446
Selected crops harvested:						
Corn for grain .....farms	178	33	125	53	349	281
.....acres	19,406	4,622	17,191	8,108	60,372	63,784
.....bushels	2,642,012	451,102	2,795,279	1,188,093	10,995,175	9,193,007
Corn for silage or greenchop .....farms	64	48	5	80	14	80
.....acres	3,516	6,916	525	22,975	289	8,637
.....tons	65,186	96,910	8,592	398,178	5,679	148,646
Wheat for grain, all .....farms	31	9	37	8	204	111
.....acres	3,052	1,117	2,452	472	16,817	18,124
.....bushels	194,503	51,390	170,548	26,792	1,354,096	1,296,001
Other spring wheat for grain (see text) .....farms	-	-	-	-	-	-
.....acres	-	(D)	-	-	-	-
.....bushels	-	(D)	-	-	-	-
Winter wheat for grain .....farms	31	8	37	8	204	111
.....acres	3,052	(D)	2,452	472	16,817	18,124
.....bushels	194,503	(D)	170,548	26,792	1,354,096	1,296,001
Oats for grain .....farms	75	30	7	11	2	45
.....acres	805	909	66	249	(D)	1,344
.....bushels	37,727	44,178	3,460	17,637	(D)	86,189
Barley for grain .....farms	1	22	-	-	1	-
.....acres	(D)	752	-	-	(D)	-
.....bushels	(D)	35,513	-	-	(D)	-
Sorghum for grain .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Farms number	178	476	850	514	545	294
Land in farms .....acres	26,099	63,182	136,232	28,856	127,077	70,099
Average size of farm .....acres	147	133	160	56	233	238
Median size of farm .....acres	75	37	60	23	80	80
Estimated market value of land and buildings:						
Average per farm .....dollars	314,723	852,881	623,318	652,488	969,750	666,927
Average per acre .....dollars	2,146	6,425	3,889	11,623	4,159	2,797
Estimated market value of all machinery and equipment .....\$1,000	19,611	53,569	107,516	34,531	100,098	52,329
Average per farm .....dollars	110,173	112,539	126,490	67,181	183,666	177,989
Farms by size:						
1 to 9 acres	4	69	66	100	36	29
10 to 49 acres	58	222	327	254	164	72
50 to 179 acres	80	116	304	137	196	95
180 to 499 acres	26	46	95	16	85	65
500 to 999 acres	7	12	29	4	37	19
1,000 acres or more	3	11	29	3	27	14
Total cropland .....farms	145	385	704	366	492	249
Harvested cropland .....farms	16,313	45,758	96,749	17,417	93,641	47,739
.....acres	118	329	620	318	425	229
Irrigated land .....farms	4	104	98	83	70	5
.....acres	5	3,642	11,982	624	13,131	(D)
Market value of agricultural products sold (see text) .....\$1,000	9,169	74,677	128,314	22,329	124,691	49,812
Average per farm .....dollars	51,512	156,884	150,958	43,442	228,790	169,429
Crops, including nursery and greenhouse crops .....\$1,000	3,613	43,964	48,256	19,640	82,572	12,517
Livestock, poultry, and their products .....\$1,000	5,556	30,713	80,058	2,689	42,119	37,295
Farms by value of sales:						
Less than \$2,500	93	207	365	289	208	99
\$2,500 to \$4,999	15	47	84	43	54	24
\$5,000 to \$9,999	22	59	79	53	25	32
\$10,000 to \$24,999	23	49	118	43	65	31
\$25,000 to \$49,999	7	29	62	31	44	19
\$50,000 to \$99,999	6	26	24	12	27	25
\$100,000 or more	12	59	118	43	122	64
Government payments (see text) .....farms	39	53	113	21	81	123
.....\$1,000	177	173	296	161	699	677
Total income from farm-related sources .....farms	58	181	325	122	295	119
.....\$1,000	332	3,129	3,155	5,223	6,006	1,238
Total farm production expenses .....\$1,000	7,311	68,052	106,131	26,143	114,773	37,604
Average per farm .....dollars	41,071	142,965	124,859	50,862	210,592	127,903
Net cash farm income of the operations .....farms	178	476	850	514	545	294
.....\$1,000	2,368	9,927	25,634	1,570	16,623	14,123
Average per farm .....dollars	13,303	20,855	30,158	3,054	30,500	48,038
Livestock and poultry:						
Cattle and calves inventory .....farms	66	157	276	51	119	126
.....number	3,021	10,094	31,396	664	6,638	16,963
Beef cows .....farms	46	114	177	42	61	71
.....number	295	1,093	1,757	(D)	678	1,208
Milk cows .....farms	9	20	57	6	14	53
.....number	1,058	5,311	13,167	(D)	2,301	7,916
Cattle and calves sold .....farms	47	101	227	30	84	107
.....number	1,117	6,587	19,149	283	2,993	6,472
Hogs and pigs inventory .....farms	21	52	45	16	28	9
.....number	213	7,757	9,617	216	(D)	60
Hogs and pigs sold .....farms	27	59	39	19	18	11
.....number	371	21,673	(D)	288	(D)	50
Sheep and lambs inventory .....farms	3	18	37	35	9	14
.....number	60	140	464	448	257	1,181
Layers inventory (see text) .....farms	36	117	145	103	61	44
.....number	882	6,221	3,446	3,315	1,504	1,397
Broilers and other meat-type chickens sold .....farms	6	36	25	20	28	8
.....number	600	2,554	1,373	608	1,021	92
Selected crops harvested:						
Corn for grain .....farms	9	71	166	17	124	62
.....acres	993	8,599	19,713	2,234	20,565	8,378
.....bushels	120,442	1,249,352	2,739,919	335,564	2,836,277	1,262,626
Corn for silage or greenchop .....farms	4	15	79	2	21	56
.....acres	396	3,091	12,812	(D)	2,693	5,194
.....tons	6,636	59,012	220,213	(D)	47,501	79,830
Wheat for grain, all .....farms	11	22	42	9	44	28
.....acres	840	1,758	3,868	656	4,080	3,129
.....bushels	40,212	82,404	272,759	45,883	231,405	227,181
Other spring wheat for grain (see text) .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-
Winter wheat for grain .....farms	11	22	42	9	44	28
.....acres	840	1,758	3,868	656	4,080	3,129
.....bushels	40,212	82,404	272,759	45,883	231,405	227,181
Oats for grain .....farms	3	7	17	-	18	13
.....acres	94	209	463	-	654	537
.....bushels	5,440	9,777	25,155	-	39,115	33,382
Barley for grain .....farms	-	-	1	-	2	1
.....acres	-	-	(D)	-	(D)	(D)
.....bushels	-	-	(D)	-	(D)	(D)
Sorghum for grain .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Farms .....number	114	625	144	193	1,130	322
Land in farms acres	27,106	103,633	16,177	33,273	171,883	64,490
Average size of farm acres	238	166	112	172	152	200
Median size of farm acres	152	78	43	60	39	101
Estimated market value of land and buildings:						
Average per farm dollars	379,699	497,961	307,892	479,329	1,258,057	469,658
Average per acre dollars	1,597	3,003	2,741	2,780	8,271	2,345
Estimated market value of all machinery and equipment .....\$1,000	7,814	49,509	5,630	15,475	189,629	30,136
Average per farm dollars	68,540	79,214	39,097	80,181	167,813	93,591
Farms by size:						
1 to 9 acres	1	27	20	13	191	11
10 to 49 acres	12	207	59	71	451	71
50 to 179 acres	49	245	35	57	297	144
180 to 499 acres	38	114	20	32	120	63
500 to 999 acres	12	18	9	15	37	22
1,000 acres or more	2	14	1	5	34	11
Total cropland .....farms	110	547	88	155	949	297
Harvested cropland .....acres	12,519	67,390	6,516	17,534	145,207	41,011
Irrigated land .....farms	94	463	70	133	911	214
.....acres	9,279	53,698	5,133	12,562	138,227	32,240
Irrigated land .....farms	4	23	3	21	283	18
.....acres	(D)	2,027	(D)	1,127	23,036	1,761
Market value of agricultural products sold (see text) .....\$1,000	3,096	43,531	5,566	6,235	506,662	18,889
Average per farm dollars	27,160	69,649	38,656	32,308	448,373	58,661
Crops, including nursery and greenhouse crops .....\$1,000	2,493	11,663	1,330	5,047	281,964	13,012
Livestock, poultry, and their products .....\$1,000	604	31,868	4,236	1,189	224,698	5,877
Farms by value of sales:						
Less than \$2,500	46	277	70	78	291	172
\$2,500 to \$4,999	6	67	17	17	89	22
\$5,000 to \$9,999	14	80	11	22	122	31
\$10,000 to \$24,999	23	93	17	41	148	32
\$25,000 to \$49,999	11	46	4	13	68	20
\$50,000 to \$99,999	7	15	4	9	84	17
\$100,000 or more	7	47	21	13	328	28
Government payments (see text) .....farms	18	116	7	36	221	85
.....\$1,000	14	1,101	20	64	2,675	374
Total income from farm-related sources .....farms	35	212	63	70	552	136
.....\$1,000	125	1,242	747	551	8,072	593
Total farm production expenses .....\$1,000	2,398	37,514	4,082	6,224	432,147	15,674
Average per farm dollars	21,034	60,022	28,345	32,251	382,431	48,678
Net cash farm income of the operations .....farms	114	625	144	193	1,130	322
.....\$1,000	838	8,360	2,251	625	85,262	4,182
Average per farm dollars	7,349	13,376	15,635	3,241	75,453	12,988
Livestock and poultry:						
Cattle and calves inventory .....farms	31	243	52	41	368	95
.....number	1,245	17,494	2,514	885	52,235	3,681
Beef cows .....farms	30	166	21	27	202	59
.....number	(D)	2,780	383	371	2,718	840
Milk cows .....farms	1	51	20	-	61	16
.....number	(D)	6,389	744	-	15,058	1,021
Cattle and calves sold .....farms	23	176	40	36	293	75
.....number	488	6,436	849	320	24,244	1,806
Hogs and pigs inventory .....farms	-	26	23	9	30	22
.....number	-	202	109	79	61,455	78
Hogs and pigs sold .....farms	2	29	21	18	67	10
.....number	(D)	314	404	310	153,457	83
Sheep and lambs inventory .....farms	1	22	13	8	45	12
.....number	(D)	1,754	452	145	1,756	100
Layers inventory (see text) .....farms	8	72	51	35	157	33
.....number	201	1,627	1,064	1,830	(D)	842
Broilers and other meat-type chickens sold .....farms	-	20	11	11	31	10
.....number	-	368	349	(D)	(D)	407
Selected crops harvested:						
Corn for grain .....farms	-	77	8	14	241	50
.....acres	-	6,375	448	731	41,952	5,146
.....bushels	-	853,948	62,109	95,128	6,962,382	710,366
Corn for silage or greenchop .....farms	-	55	14	7	89	19
.....acres	-	6,716	407	107	13,840	1,864
.....tons	-	104,242	6,904	1,198	244,048	24,148
Wheat for grain, all .....farms	1	23	1	9	68	33
.....acres	(D)	1,425	(D)	898	4,070	3,632
.....bushels	(D)	93,158	(D)	45,456	256,180	206,281
Other spring wheat for grain (see text) .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-
Winter wheat for grain .....farms	1	23	1	9	68	33
.....acres	(D)	1,425	(D)	898	4,070	3,632
.....bushels	(D)	93,158	(D)	45,456	256,180	206,281
Oats for grain .....farms	5	24	1	23	15	45
.....acres	50	627	(D)	793	299	1,703
.....bushels	1,200	33,953	(D)	44,897	18,516	104,319
Barley for grain .....farms	2	2	3	-	2	6
.....acres	(D)	(D)	70	-	(D)	73
.....bushels	(D)	(D)	4,500	-	(D)	2,770
Sorghum for grain .....farms	-	1	-	-	1	-
.....acres	-	(D)	-	-	(D)	-
.....bushels	-	(D)	-	-	(D)	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Farms number	48	1,250	1,077	896	1,315	62
Land in farms .....acres	5,757	327,025	182,185	244,952	436,511	15,034
Average size of farm .....acres	120	262	169	273	332	242
Median size of farm .....acres	70	68	40	58	112	110
Estimated market value of land and buildings:						
Average per farm .....dollars	293,961	1,518,681	888,682	1,562,992	1,636,584	441,401
Average per acre .....dollars	2,451	5,805	5,254	5,717	4,930	1,820
Estimated market value of all machinery and equipment .....\$1,000	3,658	202,973	142,364	211,243	360,579	4,055
Average per farm .....dollars	76,198	162,379	132,186	235,762	274,204	65,397
Farms by size:						
1 to 9 acres	1	129	120	97	73	4
10 to 49 acres	20	423	446	311	370	19
50 to 179 acres	21	356	266	254	350	19
180 to 499 acres	5	184	141	122	276	8
500 to 999 acres	-	86	72	38	139	8
1,000 acres or more	1	72	32	74	107	4
Total cropland .....farms	28	1,139	949	751	1,194	47
.....acres	2,949	300,464	160,322	212,343	400,979	5,892
Harvested cropland .....farms	24	950	861	678	1,070	39
.....acres	2,501	281,625	148,193	197,620	379,179	3,793
Irrigated land .....farms	8	49	79	259	61	5
.....acres	677	1,687	966	123,099	1,742	7
Market value of agricultural products sold (see text) .....\$1,000	782	170,258	80,888	230,675	357,672	2,109
Average per farm .....dollars	16,287	136,206	75,105	257,450	271,994	34,012
Crops, including nursery and greenhouse crops .....\$1,000	300	149,585	71,704	158,610	194,146	1,027
Livestock, poultry, and their products .....\$1,000	482	20,672	9,184	72,065	163,525	1,082
Farms by value of sales:						
Less than \$2,500	23	386	429	331	284	29
\$2,500 to \$4,999	10	69	82	66	52	10
\$5,000 to \$9,999	4	103	98	58	119	1
\$10,000 to \$24,999	3	166	120	104	110	8
\$25,000 to \$49,999	5	126	107	54	121	5
\$50,000 to \$99,999	-	123	69	69	138	1
\$100,000 or more	3	277	172	214	491	8
Government payments (see text) .....farms	8	789	238	356	649	13
.....\$1,000	30	6,853	2,041	5,839	7,801	98
Total income from farm-related sources .....farms	16	628	364	406	754	7
.....\$1,000	375	7,072	3,529	15,037	11,753	583
Total farm production expenses .....\$1,000	1,181	148,461	66,381	200,239	287,131	2,549
Average per farm .....dollars	24,600	118,768	61,635	223,481	218,351	41,115
Net cash farm income of the operations .....farms	48	1,250	1,077	896	1,315	62
.....\$1,000	6	35,722	20,077	51,312	90,094	241
Average per farm .....dollars	124	28,578	18,642	57,268	68,512	3,880
Livestock and poultry:						
Cattle and calves inventory .....farms	13	167	240	227	465	17
.....number	468	8,305	7,996	12,106	80,873	885
Beef cows .....farms	12	84	157	107	215	10
.....number	224	858	2,189	1,470	3,332	357
Milk cows .....farms	-	23	19	49	164	-
.....number	-	2,749	1,311	4,964	28,557	-
Cattle and calves sold .....farms	11	146	167	161	399	17
.....number	167	4,687	3,797	7,431	81,020	859
Hogs and pigs inventory .....farms	-	37	17	63	46	1
.....number	-	9,879	109	61,848	6,229	(D)
Hogs and pigs sold .....farms	2	50	32	61	40	5
.....number	(D)	22,262	308	160,884	14,261	19
Sheep and lambs inventory .....farms	1	31	64	34	53	3
.....number	(D)	236	1,753	1,002	991	90
Layers inventory (see text) .....farms	11	95	213	172	164	6
.....number	738	2,091	5,271	6,595	4,753	(D)
Broilers and other meat-type chickens sold .....farms	6	9	56	36	24	2
.....number	3,600	178	2,572	5,562,544	18,943	(D)
Selected crops harvested:						
Corn for grain .....farms	-	522	182	385	449	1
.....acres	-	100,075	26,077	100,831	82,155	(D)
.....bushels	-	16,160,127	4,310,749	14,049,421	15,332,418	(D)
Corn for silage or greenchop .....farms	-	26	19	39	148	-
.....acres	-	1,618	1,082	3,163	20,220	-
.....tons	-	34,058	21,158	66,120	430,109	-
Wheat for grain, all .....farms	-	253	109	32	393	1
.....acres	-	20,837	8,445	2,036	44,361	(D)
.....bushels	-	1,543,198	628,401	154,576	3,913,929	(D)
Other spring wheat for grain (see text) .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
.....bushels	-	-	-	-	-	-
Winter wheat for grain .....farms	-	253	109	32	393	1
.....acres	-	20,837	8,445	2,036	44,361	(D)
.....bushels	-	1,543,198	628,401	154,576	3,913,929	(D)
Oats for grain .....farms	-	18	10	13	39	4
.....acres	-	340	126	263	1,021	228
.....bushels	-	20,474	8,190	16,247	73,208	14,693
Barley for grain .....farms	-	-	2	5	2	1
.....acres	-	-	(D)	34	(D)	(D)
.....bushels	-	-	(D)	1,686	(D)	(D)
Sorghum for grain .....farms	-	1	-	5	-	-
.....acres	-	(D)	-	1,229	-	-
.....bushels	-	(D)	-	180,319	-	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Farms .....number	972	1,241	953	1,245	248	304
Land in farms acres	210,473	329,785	151,784	178,995	10,037	40,208
Average size of farm acres	217	266	159	144	40	132
Median size of farm acres	47	76	45	35	10	64
Estimated market value of land and buildings:						
Average per farm dollars	976,860	1,386,278	921,952	1,124,667	467,878	445,486
Average per acre dollars	4,511	5,217	5,789	7,823	11,561	3,368
Estimated market value of all machinery and equipment .....\$1,000	147,354	281,217	143,550	139,938	17,517	18,506
Average per farm dollars	151,599	226,605	150,630	112,400	70,633	60,875
Farms by size:						
1 to 9 acres	117	116	109	130	120	15
10 to 49 acres	380	410	388	613	78	116
50 to 179 acres	251	352	327	274	40	122
180 to 499 acres	118	179	82	135	5	38
500 to 999 acres	58	103	25	60	5	8
1,000 acres or more	48	81	22	33	-	5
Total cropland .....farms	837	1,105	861	1,009	181	276
Harvested cropland .....acres	187,115	298,460	118,101	150,403	7,800	26,164
Irrigated land .....farms	732	903	763	865	173	230
.....acres	175,854	279,531	104,976	139,750	6,771	20,358
Market value of agricultural products sold (see text) .....\$1,000	97,476	230,955	205,549	91,167	23,132	18,149
Average per farm dollars	100,284	186,104	215,686	73,226	93,272	59,701
Crops, including nursery and greenhouse crops .....\$1,000	65,717	160,315	167,450	69,551	22,389	8,704
Livestock, poultry, and their products .....\$1,000	31,759	70,639	38,099	21,616	743	9,445
Farms by value of sales:						
Less than \$2,500	355	422	359	481	91	126
\$2,500 to \$4,999	92	76	82	128	23	51
\$5,000 to \$9,999	89	100	80	94	20	26
\$10,000 to \$24,999	109	117	105	183	52	43
\$25,000 to \$49,999	93	99	71	89	21	9
\$50,000 to \$99,999	79	114	66	74	10	18
\$100,000 or more	155	313	190	196	31	31
Government payments (see text) .....farms	445	655	137	306	12	29
.....\$1,000	3,670	7,168	1,602	3,438	56	164
Total income from farm-related sources .....farms	418	651	379	546	94	99
.....\$1,000	4,464	11,648	8,441	9,233	2,498	763
Total farm production expenses .....\$1,000	85,946	197,990	177,947	94,316	23,547	15,896
Average per farm dollars	88,422	159,541	186,723	75,755	94,948	52,288
Net cash farm income of the operations .....farms	972	1,241	953	1,245	248	304
.....\$1,000	19,664	51,780	37,644	9,523	2,139	3,180
Average per farm dollars	20,231	41,724	39,501	7,649	8,625	10,461
Livestock and poultry:						
Cattle and calves inventory .....farms	195	294	140	240	29	94
.....number	18,570	26,120	11,325	11,650	254	3,706
Beef cows .....farms	120	154	110	142	22	58
.....number	1,252	2,580	1,224	1,508	190	541
Milk cows .....farms	27	49	16	32	3	23
.....number	6,711	9,564	5,992	2,334	9	1,217
Cattle and calves sold .....farms	149	238	95	183	12	64
.....number	7,221	22,113	4,352	7,792	74	1,680
Hogs and pigs inventory .....farms	29	27	29	46	8	22
.....number	316	34,264	10,509	1,785	103	134
Hogs and pigs sold .....farms	50	34	44	37	15	22
.....number	618	73,850	60,122	2,074	155	130
Sheep and lambs inventory .....farms	54	41	40	118	24	6
.....number	1,085	980	964	9,468	644	103
Layers inventory (see text) .....farms	145	151	153	233	53	50
.....number	2,629	4,420	7,105	11,486	1,452	1,296
Broilers and other meat-type chickens sold .....farms	45	33	25	56	19	7
.....number	2,942	4,636	1,361	7,591	1,581	138
Selected crops harvested:						
Corn for grain .....farms	292	440	115	282	26	31
.....acres	44,077	81,008	40,307	44,136	1,124	4,934
.....bushels	6,558,978	13,378,127	6,771,823	6,501,058	117,632	752,546
Corn for silage or greenchop .....farms	23	60	11	41	-	16
.....acres	4,674	5,288	1,160	2,241	-	1,047
.....tons	95,109	104,853	24,026	38,352	-	17,039
Wheat for grain, all .....farms	140	248	13	151	4	4
.....acres	17,155	33,521	646	10,890	(D)	(D)
.....bushels	1,289,577	2,759,305	49,592	817,538	(D)	(D)
Other spring wheat for grain (see text) .....farms	-	-	-	-	-	1
.....acres	-	-	-	-	-	(D)
.....bushels	-	-	-	-	-	(D)
Winter wheat for grain .....farms	140	248	13	151	4	3
.....acres	17,155	33,521	646	10,890	(D)	(D)
.....bushels	1,289,577	2,759,305	49,592	817,538	(D)	(D)
Oats for grain .....farms	15	33	-	19	2	14
.....acres	510	663	-	357	(D)	214
.....bushels	40,846	59,965	-	15,458	(D)	10,526
Barley for grain .....farms	2	3	-	2	-	-
.....acres	(D)	25	-	(D)	-	-
.....bushels	(D)	950	-	(D)	-	-
Sorghum for grain .....farms	-	4	1	-	-	-
.....acres	-	150	(D)	-	-	-
.....bushels	-	6,026	(D)	-	-	-

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Selected crops harvested: - Con.						
Sorghum for silage or greenchop .....farms	47	4	-	2	-	2
acres	2,072	200	-	(D)	-	(D)
tons	19,028	1,000	-	(D)	-	(D)
Soybeans for beans .....farms	11,988	14	-	245	29	10
acres	2,487,343	3,095	-	52,974	7,841	1,761
bushels	107,048,753	134,862	-	2,621,381	285,006	65,877
Dry edible beans, excluding chickpeas and limas (see text) .....farms	1,085	10	-	6	11	1
acres	225,334	1,340	-	422	1,354	(D)
cwt	4,487,274	25,058	-	8,734	23,301	(D)
Forage - land used for all hay and haylage, grass silage, and greenchop (see text) .....farms	18,833	154	64	521	235	125
acres	1,009,570	11,150	6,724	24,914	14,722	8,711
tons, dry equivalent	2,674,133	25,746	14,684	76,971	40,387	18,442
Sunflower seed, all .....farms	46	-	1	-	7	-
acres	1,735	-	(D)	-	(D)	-
pounds	3,095,470	-	(D)	-	(D)	-
Sugarbeets for sugar .....farms	661	-	1	-	-	-
acres	145,790	-	(D)	-	-	-
tons	3,693,023	-	(D)	-	-	-
Vegetables harvested for sale (see text) .....farms	3,047	13	30	78	26	43
acres	165,620	17	55	6,199	124	1,827
Potatoes .....farms	761	-	13	12	13	23
acres	50,511	-	8	(D)	(D)	(D)
Sweet potatoes .....farms	70	-	-	2	-	-
acres	(D)	-	-	(D)	-	-
Land in orchards (see text) .....farms	2,552	11	4	50	37	63
acres	98,220	45	6	1,744	57	6,754
Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Selected crops harvested: - Con.						
Sorghum for silage or greenchop .....farms	-	-	-	2	-	-
acres	-	-	-	(D)	-	-
tons	-	-	-	(D)	-	-
Soybeans for beans .....farms	134	-	173	380	2	220
acres	21,514	-	35,441	62,837	(D)	43,163
bushels	929,686	-	1,564,120	2,913,203	(D)	1,887,041
Dry edible beans, excluding chickpeas and limas (see text) .....farms	21	-	-	114	-	-
acres	4,680	-	-	21,475	-	-
cwt	89,802	-	-	375,935	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text) .....farms	116	44	424	134	46	211
acres	8,218	4,604	23,672	6,503	1,639	3,767
tons, dry equivalent	22,446	6,701	80,032	17,050	2,822	8,926
Sunflower seed, all .....farms	-	-	-	1	-	-
acres	-	-	-	(D)	-	-
pounds	-	-	-	(D)	-	-
Sugarbeets for sugar .....farms	15	-	-	77	-	-
acres	2,443	-	-	11,524	-	-
tons	63,670	-	-	249,147	-	-
Vegetables harvested for sale (see text) .....farms	18	7	25	73	19	109
acres	2,044	6	110	6,503	56	6,482
Potatoes .....farms	1	5	8	15	6	23
acres	(D)	1	2	1,470	2	65
Sweet potatoes .....farms	-	-	-	-	-	4
acres	-	-	-	-	-	1
Land in orchards (see text) .....farms	4	6	11	10	42	227
acres	21	(D)	13	22	2,306	11,234

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Selected crops harvested: - Con.						
Sorghum for silage or greenchop	farms	-	-	1	-	-
	acres	-	-	(D)	-	-
	tons	-	-	(D)	-	-
Soybeans for beans	farms	326	333	232	1	4
	acres	81,501	73,670	59,407	(D)	(D)
	bushels	3,523,111	2,814,313	2,742,155	(D)	(D)
Dry edible beans, excluding chickpeas and limas (see text)	farms	-	-	-	-	4
	acres	-	-	-	-	4
	cwt	-	-	-	-	88
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms	316	369	283	114	159
	acres	8,630	10,142	6,695	5,524	12,455
	tons, dry equivalent	28,778	27,205	15,206	8,271	14,815
Sunflower seed, all	farms	-	-	-	-	-
	acres	-	-	-	-	-
	pounds	-	-	-	-	-
Sugarbeets for sugar	farms	-	-	-	-	-
	acres	-	-	-	-	-
	tons	-	-	-	-	-
Vegetables harvested for sale (see text)	farms	27	65	49	28	23
	acres	1,753	557	7,957	161	39
Potatoes	farms	3	6	9	16	7
	acres	(D)	4	1,961	30	2
Sweet potatoes	farms	-	1	1	-	-
	acres	-	(D)	(D)	-	-
Land in orchards (see text)	farms	4	38	38	32	21
	acres	(D)	82	1,876	822	43
Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Selected crops harvested: - Con.						
Sorghum for silage or greenchop	farms	2	2	-	-	-
	acres	(D)	(D)	-	-	-
	tons	(D)	(D)	-	-	-
Soybeans for beans	farms	29	402	-	3	378
	acres	2,824	76,885	-	(D)	89,937
	bushels	112,817	3,187,501	-	(D)	3,841,335
Dry edible beans, excluding chickpeas and limas (see text)	farms	1	8	-	7	8
	acres	(D)	1,046	-	1,063	1,166
	cwt	(D)	24,281	-	12,032	19,844
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms	231	385	13	139	88
	acres	14,827	19,692	245	14,580	4,251
	tons, dry equivalent	40,226	77,203	334	29,082	6,292
Sunflower seed, all	farms	1	-	-	1	-
	acres	(D)	-	-	(D)	-
	pounds	(D)	-	-	(D)	-
Sugarbeets for sugar	farms	-	2	-	1	-
	acres	-	(D)	-	(D)	-
	tons	-	(D)	-	(D)	-
Vegetables harvested for sale (see text)	farms	17	31	1	17	10
	acres	35	604	(D)	713	386
Potatoes	farms	6	8	-	7	3
	acres	1	(D)	-	680	339
Sweet potatoes	farms	-	1	-	-	-
	acres	-	(D)	-	-	-
Land in orchards (see text)	farms	13	22	-	20	13
	acres	20	42	-	161	79

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Selected crops harvested: - Con.						
Sorghum for silage or greenchop						
farms	-	-	3	-	2	-
acres	-	-	24	-	(D)	-
tons	-	-	50	-	(D)	-
Soybeans for beans						
farms	-	194	54	-	21	443
acres	-	48,961	7,409	-	1,947	100,574
bushels	-	1,780,176	283,288	-	66,431	4,228,815
Dry edible beans, excluding chickpeas and limas (see text)						
farms	-	9	6	-	-	30
acres	-	657	522	-	-	6,812
cwt	-	10,009	8,518	-	-	107,797
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)						
farms	143	313	281	27	171	222
acres	9,821	9,703	11,155	1,156	10,361	17,849
tons, dry equivalent	13,328	18,517	17,788	1,306	18,566	61,829
Sunflower seed, all						
farms	2	-	1	-	1	-
acres	(D)	-	(D)	-	(D)	-
pounds	(D)	-	(D)	-	(D)	-
Sugarbeets for sugar						
farms	-	1	5	-	-	25
acres	-	(D)	851	-	-	8,308
tons	-	(D)	19,218	-	-	185,032
Vegetables harvested for sale (see text)						
farms	41	70	18	4	36	27
acres	287	841	461	8	172	3,344
Potatoes						
farms	20	8	2	3	9	11
acres	15	(D)	(D)	(Z)	3	5
Sweet potatoes						
farms	-	-	-	-	-	9
acres	-	-	-	-	-	1
Land in orchards (see text)						
farms	29	25	8	5	159	4
acres	111	165	29	6	7,279	38
Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Selected crops harvested: - Con.						
Sorghum for silage or greenchop						
farms	-	-	-	-	1	-
acres	-	-	-	-	(D)	-
tons	-	-	-	-	(D)	-
Soybeans for beans						
farms	401	-	445	239	355	22
acres	91,124	-	66,153	65,526	72,065	2,646
bushels	3,803,596	-	3,399,190	2,782,725	3,114,324	103,240
Dry edible beans, excluding chickpeas and limas (see text)						
farms	-	-	344	-	6	1
acres	-	-	84,466	-	296	(D)
cwt	-	-	1,858,266	-	5,404	(D)
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)						
farms	422	94	313	383	412	137
acres	15,948	7,542	28,458	12,071	20,190	10,113
tons, dry equivalent	52,049	10,808	122,606	35,469	75,235	21,838
Sunflower seed, all						
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
pounds	-	-	-	-	-	-
Sugarbeets for sugar						
farms	-	-	219	-	1	-
acres	-	-	58,505	-	(D)	-
tons	-	-	1,568,009	-	(D)	-
Vegetables harvested for sale (see text)						
farms	46	23	31	48	36	9
acres	367	77	269	170	1,375	15
Potatoes						
farms	2	16	8	9	12	2
acres	(D)	9	(D)	8	10	(D)
Sweet potatoes						
farms	-	-	-	1	1	-
acres	-	-	-	(D)	(D)	-
Land in orchards (see text)						
farms	25	13	20	40	22	19
acres	175	14	21	72	159	28

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Selected crops harvested: - Con.						
Sorghum for silage or greenchop	farms	-	-	-	-	-
	acres	2	-	-	-	-
	tons	(D)	-	-	-	-
Soybeans for beans	farms	324	216	161	1	158
	acres	(D)	43,887	36,566	(D)	28,905
	bushels	(D)	1,501,946	1,752,011	(D)	1,206,582
Dry edible beans, excluding chickpeas and limas (see text)	farms	21	-	-	-	13
	acres	3,690	-	-	-	2,598
	cwt	65,325	-	-	-	44,092
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms	86	440	236	79	404
	acres	6,414	14,619	10,460	4,325	17,325
	tons, dry equivalent	10,646	33,500	29,127	8,299	45,997
Sunflower seed, all	farms	-	-	-	2	-
	acres	-	-	-	(D)	-
	pounds	-	-	-	(D)	-
Sugarbeets for sugar	farms	1	-	-	-	-
	acres	(D)	-	-	-	-
	tons	(D)	-	-	-	-
Vegetables harvested for sale (see text)	farms	6	54	51	11	79
	acres	497	513	1,353	1,841	2,797
Potatoes	farms	5	29	7	5	13
	acres	494	12	3	1,310	11
Sweet potatoes	farms	-	1	-	-	-
	acres	-	(D)	-	-	-
Land in orchards (see text)	farms	4	23	26	11	101
	acres	3	61	518	23	10,051
Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Selected crops harvested: - Con.						
Sorghum for silage or greenchop	farms	-	-	-	4	-
	acres	-	-	-	637	-
	tons	-	-	-	6,253	-
Soybeans for beans	farms	7	273	4	565	120
	acres	580	52,197	565	152,255	24,325
	bushels	24,579	2,107,348	(D)	7,386,531	955,776
Dry edible beans, excluding chickpeas and limas (see text)	farms	-	12	-	-	-
	acres	-	644	-	-	-
	cwt	-	14,230	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms	97	460	114	368	291
	acres	6,405	16,356	3,897	18,120	11,105
	tons, dry equivalent	8,736	38,039	8,463	65,871	24,146
Sunflower seed, all	farms	-	-	-	2	2
	acres	-	-	-	(D)	(D)
	pounds	-	-	-	(D)	(D)
Sugarbeets for sugar	farms	-	4	-	-	-
	acres	-	1,339	-	-	-
	tons	-	32,796	-	-	-
Vegetables harvested for sale (see text)	farms	9	65	54	61	59
	acres	49	2,036	137	2,356	1,017
Potatoes	farms	2	17	24	18	10
	acres	(D)	15	20	11	32
Sweet potatoes	farms	-	1	2	3	3
	acres	-	(D)	(D)	(D)	6
Land in orchards (see text)	farms	6	39	198	36	43
	acres	15	174	15,206	603	156

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Selected crops harvested: - Con.						
Sorghum for silage or greenchop .....farms	-	-	-	1	-	-
acres	-	-	-	(D)	-	-
tons	-	-	-	(D)	-	-
Soybeans for beans .....farms	-	-	145	12	-	65
acres	-	-	35,141	329	-	7,474
bushels	-	-	1,357,327	6,535	-	323,417
Dry edible beans, excluding chickpeas and limas (see text) .....farms	-	-	2	-	-	-
acres	-	-	(D)	-	-	-
cwt	-	-	(D)	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text) .....farms	23	66	129	119	71	191
acres	2,217	9,098	3,763	4,892	8,940	14,523
tons, dry equivalent	3,286	16,441	7,380	7,422	13,689	44,696
Sunflower seed, all .....farms	-	-	-	-	-	2
acres	-	-	-	-	-	(D)
pounds	-	-	-	-	-	(D)
Sugarbeets for sugar .....farms	-	1	-	-	-	-
acres	-	(D)	-	-	-	-
tons	-	(D)	-	-	-	-
Vegetables harvested for sale (see text) .....farms	3	9	64	23	26	46
acres	(D)	20	2,099	255	41	3,184
Potatoes .....farms	1	2	8	6	10	15
acres	(D)	(D)	8	3	4	(D)
Sweet potatoes .....farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Land in orchards (see text) .....farms	3	8	26	28	9	46
acres	(D)	22	599	1,384	20	3,817
Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Selected crops harvested: - Con.						
Sorghum for silage or greenchop .....farms	1	1	-	2	1	1
acres	(D)	(D)	-	(D)	(D)	(D)
tons	(D)	(D)	-	(D)	(D)	(D)
Soybeans for beans .....farms	48	7	143	-	499	214
acres	7,227	612	27,805	-	99,914	33,790
bushels	262,628	6,897	1,186,870	-	4,716,393	1,165,986
Dry edible beans, excluding chickpeas and limas (see text) .....farms	4	1	22	-	-	36
acres	1,560	(D)	2,557	-	-	9,609
cwt	26,560	(D)	50,316	-	-	158,894
Forage - land used for all hay and haylage, grass silage, and greenchop (see text) .....farms	439	200	174	215	220	437
acres	24,492	22,298	8,061	37,273	4,477	18,951
tons, dry equivalent	51,831	52,022	15,865	127,845	14,512	57,746
Sunflower seed, all .....farms	-	1	1	-	-	-
acres	-	(D)	(D)	-	-	-
pounds	-	(D)	(D)	-	-	-
Sugarbeets for sugar .....farms	-	-	14	-	-	5
acres	-	-	2,731	-	-	695
tons	-	-	58,567	-	-	23,237
Vegetables harvested for sale (see text) .....farms	55	20	36	17	71	47
acres	6,784	36	382	63	5,760	19,781
Potatoes .....farms	27	1	3	5	14	18
acres	(D)	(D)	(Z)	(D)	(D)	16,883
Sweet potatoes .....farms	5	-	3	-	2	-
acres	1	-	(Z)	-	(D)	-
Land in orchards (see text) .....farms	14	21	20	6	35	19
acres	76	58	52	(D)	132	617

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Selected crops harvested: - Con.						
Sorghum for silage or greenchop						
farms	-	1	5	-	1	-
acres	-	(D)	124	-	(D)	-
tons	-	(D)	(D)	-	(D)	-
Soybeans for beans						
farms	21	52	101	19	61	37
acres	3,798	10,639	16,064	2,495	8,841	6,059
bushels	138,225	438,059	533,503	94,804	362,230	258,624
Dry edible beans, excluding chickpeas and limas (see text)						
farms	1	-	1	-	1	2
acres	(D)	-	(D)	-	(D)	(D)
cwt	(D)	-	(D)	-	(D)	(D)
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)						
farms	102	174	462	137	210	203
acres	6,939	8,973	25,194	6,848	10,575	18,712
tons, dry equivalent	15,508	23,578	64,335	10,093	25,535	60,658
Sunflower seed, all						
farms	-	-	1	-	-	-
acres	-	-	(D)	-	-	-
pounds	-	-	(D)	-	-	-
Sugarbeets for sugar						
farms	1	-	-	-	-	1
acres	(D)	-	-	-	-	(D)
tons	(D)	-	-	-	-	(D)
Vegetables harvested for sale (see text)						
farms	10	52	50	59	104	5
acres	38	2,141	7,553	489	15,381	(D)
Potatoes						
farms	-	13	11	10	4	4
acres	-	(D)	(D)	4	4	1
Sweet potatoes						
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Land in orchards (see text)						
farms	9	34	32	35	106	13
acres	11	2,741	1,878	361	13,288	46
Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Selected crops harvested: - Con.						
Sorghum for silage or greenchop						
farms	-	-	-	-	2	-
acres	-	-	-	-	(D)	-
tons	-	-	-	-	(D)	-
Soybeans for beans						
farms	-	15	3	9	230	37
acres	-	1,479	120	889	41,154	5,198
bushels	-	63,441	3,340	22,031	1,881,791	204,214
Dry edible beans, excluding chickpeas and limas (see text)						
farms	-	2	-	2	-	2
acres	-	(D)	-	(D)	-	(D)
cwt	-	(D)	-	(D)	-	(D)
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)						
farms	88	411	63	85	451	169
acres	8,890	35,312	4,042	7,766	19,186	12,679
tons, dry equivalent	20,067	81,448	8,009	16,678	67,627	29,078
Sunflower seed, all						
farms	-	-	-	-	7	-
acres	-	-	-	-	43	-
pounds	-	-	-	-	34,640	-
Sugarbeets for sugar						
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
tons	-	-	-	-	-	-
Vegetables harvested for sale (see text)						
farms	2	16	6	13	76	16
acres	(D)	(D)	5	884	3,643	1,522
Potatoes						
farms	2	6	1	3	21	7
acres	(D)	(D)	(D)	(D)	48	1,511
Sweet potatoes						
farms	2	-	-	-	2	-
acres	(D)	-	-	-	(D)	-
Land in orchards (see text)						
farms	2	11	3	15	72	7
acres	(D)	17	3	14	4,663	25

--continued

Table 1. County Summary Highlights: 2017 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Selected crops harvested: - Con.						
Sorghum for silage or greenchop .....farms	-	-	2	1	-	-
acres	-	-	(D)	(D)	-	-
tons	-	-	(D)	-	-	-
Soybeans for beans .....farms	-	651	401	304	632	1
acres	-	128,150	93,558	63,509	139,410	(D)
bushels	-	5,506,777	3,659,730	2,994,733	6,508,775	(D)
Dry edible beans, excluding chickpeas and limas (see text) .....farms	-	45	6	-	115	1
acres	-	5,662	756	-	25,246	(D)
cwt	-	102,997	9,544	-	537,352	(D)
Forage - land used for all hay and haylage, grass silage, and greenchop (see text) .....farms	19	190	445	363	546	29
acres	2,372	5,076	14,783	11,563	42,451	2,845
tons, dry equivalent	3,518	15,691	31,195	29,605	163,867	4,453
Sunflower seed, all .....farms	-	4	-	2	-	-
acres	-	220	-	(D)	-	-
pounds	-	500,000	-	(D)	-	-
Sugarbeets for sugar .....farms	-	91	11	-	107	1
acres	-	14,784	1,652	-	24,907	(D)
tons	-	360,168	39,806	-	642,356	(D)
Vegetables harvested for sale (see text) .....farms	4	52	61	53	57	5
acres	3	6,785	977	14,571	423	13
Potatoes .....farms	-	10	17	19	12	-
acres	-	(D)	17	11,752	10	-
Sweet potatoes .....farms	-	-	-	-	2	-
acres	-	-	-	-	(D)	-
Land in orchards (see text) .....farms	-	29	31	26	27	-
acres	-	59	51	233	123	-
Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Selected crops harvested: - Con.						
Sorghum for silage or greenchop .....farms	-	1	-	-	-	-
acres	-	(D)	-	-	-	-
tons	-	(D)	-	-	-	-
Soybeans for beans .....farms	411	475	106	334	32	3
acres	94,305	84,455	28,063	62,682	3,657	(D)
bushels	3,682,776	3,707,205	1,346,118	2,307,053	114,392	(D)
Dry edible beans, excluding chickpeas and limas (see text) .....farms	25	183	-	-	-	1
acres	1,593	41,466	-	-	-	(D)
cwt	30,025	808,977	-	-	-	(D)
Forage - land used for all hay and haylage, grass silage, and greenchop (see text) .....farms	349	376	284	474	18	161
acres	12,743	15,923	9,249	17,702	515	8,732
tons, dry equivalent	40,333	43,422	19,917	43,796	903	17,523
Sunflower seed, all .....farms	2	-	3	2	-	-
acres	(D)	-	3	(D)	-	-
pounds	(D)	-	420	(D)	-	-
Sugarbeets for sugar .....farms	5	72	-	-	-	-
acres	498	15,760	-	-	-	-
tons	8,792	401,944	-	-	-	-
Vegetables harvested for sale (see text) .....farms	30	65	67	111	81	10
acres	120	3,634	8,190	897	624	14
Potatoes .....farms	8	14	10	29	15	3
acres	23	(D)	12	22	9	(D)
Sweet potatoes .....farms	-	-	2	12	9	-
acres	-	-	(D)	6	2	-
Land in orchards (see text) .....farms	17	21	141	69	18	16
acres	95	65	6,833	333	43	47

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)						
Total sales (see text) farms, 2017	47,641	223	126	1,172	415	333
..... 2012	52,194	235	93	1,396	458	415
..... \$1,000, 2017	8,220,935	11,494	4,225	584,373	25,896	35,472
..... 2012	8,678,050	11,400	3,025	580,835	23,653	20,996
Average per farm dollars, 2017	172,560	51,543	33,533	498,612	62,399	106,521
..... 2012	166,265	48,509	32,528	416,071	51,644	50,592
2017 value of sales:						
Less than \$1,000 (see text) farms	13,700	76	33	259	152	86
..... \$1,000	2,494	14	16	47	25	12
\$1,000 to \$2,499 farms	4,177	24	20	109	27	40
..... \$1,000	6,991	39	(D)	198	47	67
\$2,500 to \$4,999 farms	4,268	22	12	113	61	33
..... \$1,000	15,370	80	37	390	202	138
\$5,000 to \$9,999 farms	4,545	23	14	125	54	28
..... \$1,000	32,413	165	(D)	937	393	186
\$10,000 to \$19,999 farms	4,393	19	13	85	37	45
..... \$1,000	62,300	298	168	1,203	532	638
\$20,000 to \$24,999 farms	1,238	4	3	38	11	8
..... \$1,000	27,610	98	67	844	255	172
\$25,000 to \$39,999 farms	2,459	9	4	56	10	15
..... \$1,000	78,038	295	125	1,722	322	498
\$40,000 to \$49,999 farms	1,060	9	5	20	6	9
..... \$1,000	47,137	390	226	881	275	400
\$50,000 to \$99,999 farms	3,084	6	11	84	14	19
..... \$1,000	219,685	472	666	6,043	970	1,337
\$100,000 to \$249,999 farms	3,310	22	8	89	20	16
..... \$1,000	524,748	3,095	1,220	13,048	3,727	2,763
\$250,000 to \$499,999 farms	2,184	6	1	54	8	16
..... \$1,000	774,377	1,752	(D)	18,680	2,628	5,205
\$500,000 or more farms	3,223	3	2	140	15	18
..... \$1,000	6,429,773	4,797	(D)	540,380	16,518	24,055
2012 value of sales:						
Less than \$1,000 (see text) farms	15,801	77	18	416	150	172
..... \$1,000	2,024	15	5	83	23	23
\$1,000 to \$2,499 farms	4,530	31	12	102	49	27
..... \$1,000	7,477	49	19	177	82	40
\$2,500 to \$4,999 farms	4,303	23	10	132	53	39
..... \$1,000	15,534	85	33	476	192	135
\$5,000 to \$9,999 farms	4,609	29	17	117	35	53
..... \$1,000	32,855	192	124	836	236	384
\$10,000 to \$19,999 farms	4,529	25	13	115	49	24
..... \$1,000	64,480	323	194	1,640	667	325
\$20,000 to \$24,999 farms	1,417	5	5	45	17	10
..... \$1,000	31,531	117	110	968	378	217
\$25,000 to \$39,999 farms	2,742	11	8	65	23	19
..... \$1,000	86,674	356	262	2,056	738	617
\$40,000 to \$49,999 farms	1,244	3	2	31	15	10
..... \$1,000	55,195	127	(D)	1,382	653	438
\$50,000 to \$99,999 farms	3,623	8	2	98	15	25
..... \$1,000	258,419	555	(D)	7,134	1,113	1,733
\$100,000 to \$249,999 farms	3,597	12	4	83	30	19
..... \$1,000	575,489	1,806	742	12,561	4,608	2,921
\$250,000 to \$499,999 farms	2,317	4	1	57	10	9
..... \$1,000	819,615	1,475	(D)	19,106	3,425	3,003
\$500,000 or more farms	3,482	7	1	135	12	8
..... \$1,000	6,728,760	6,299	(D)	534,417	11,538	11,158
Value of sales by commodity or commodity group:						
Crops, including nursery and greenhouse crops farms, 2017	31,228	139	97	800	261	244
..... 2012	31,697	138	61	839	259	238
..... \$1,000, 2017	4,644,252	5,008	1,262	176,650	7,645	28,983
..... 2012	5,506,437	4,591	890	194,085	9,507	15,336
Grains, oilseeds, dry beans, and dry peas						
..... farms, 2017	16,493	44	15	350	74	43
..... 2012	18,514	44	11	433	124	69
..... \$1,000, 2017	2,611,695	3,438	128	69,400	5,829	1,664
..... 2012	3,613,250	3,319	267	103,748	7,467	2,900
Corn						
..... farms, 2017	11,688	32	4	300	41	38
..... 2012	14,282	28	5	354	65	66
..... \$1,000, 2017	1,290,882	1,273	51	42,376	1,989	881
..... 2012	2,069,927	1,723	160	71,593	3,231	2,120
Wheat						
..... farms, 2017	4,967	16	1	91	28	4
..... 2012	6,223	15	1	120	38	10
..... \$1,000, 2017	167,092	(D)	(D)	1,606	567	(D)
..... 2012	295,758	(D)	(D)	4,141	1,078	(D)
Soybeans						
..... farms, 2017	11,961	14	-	244	29	10
..... 2012	12,039	12	-	279	60	8
..... \$1,000, 2017	998,608	1,225	-	24,770	2,421	591
..... 2012	1,092,453	629	-	27,790	2,415	332
Sorghum						
..... farms, 2017	48	-	-	2	-	2
..... 2012	109	-	-	1	-	2
..... \$1,000, 2017	1,386	-	-	(D)	-	(D)
..... 2012	686	-	-	(D)	(D)	(D)
Barley						
..... farms, 2017	172	1	2	1	5	-
..... 2012	307	1	6	3	15	-
..... \$1,000, 2017	736	(D)	(D)	(D)	18	-
..... 2012	1,769	(D)	(D)	(D)	(D)	-
Rice						
..... farms, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
..... \$1,000, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)						
Total sales (see text) .....farms, 2017	350	65	938	726	197	872
.....2012	421	57	1,031	766	181	1,063
.....\$1,000, 2017	43,001	2,210	139,682	116,537	10,027	171,350
.....2012	51,202	1,472	140,071	165,294	6,396	161,542
Average per farm .....dollars, 2017	122,860	34,007	148,915	160,520	50,900	196,502
.....2012	121,620	25,833	135,859	215,789	35,339	151,968
2017 value of sales:						
Less than \$1,000 (see text) .....farms	147	13	316	175	55	184
.....\$1,000	22	(D)	57	15	15	36
\$1,000 to \$2,499 .....farms	22	6	78	42	34	72
.....\$1,000	35	8	124	70	50	136
\$2,500 to \$4,999 .....farms	16	14	68	27	19	68
.....\$1,000	65	51	232	90	70	244
\$5,000 to \$9,999 .....farms	13	5	116	40	26	65
.....\$1,000	91	44	887	305	197	462
\$10,000 to \$19,999 .....farms	28	7	115	54	21	97
.....\$1,000	430	103	1,643	745	314	1,388
\$20,000 to \$24,999 .....farms	4	3	22	30	4	24
.....\$1,000	84	65	489	668	93	553
\$25,000 to \$39,999 .....farms	14	1	40	59	7	47
.....\$1,000	451	(D)	1,296	1,891	207	1,558
\$40,000 to \$49,999 .....farms	9	3	29	24	3	40
.....\$1,000	400	141	1,288	1,049	133	1,754
\$50,000 to \$99,999 .....farms	32	7	32	62	9	70
.....\$1,000	2,476	357	2,387	4,670	678	4,841
\$100,000 to \$249,999 .....farms	13	3	36	91	8	72
.....\$1,000	1,910	324	5,307	15,407	1,329	11,276
\$250,000 to \$499,999 .....farms	19	3	35	57	3	61
.....\$1,000	7,199	1,082	13,054	21,273	1,064	21,452
\$500,000 or more .....farms	33	-	51	65	8	72
.....\$1,000	29,838	-	112,919	70,354	5,877	127,650
2012 value of sales:						
Less than \$1,000 (see text) .....farms	212	12	392	229	56	311
.....\$1,000	9	(D)	56	13	7	35
\$1,000 to \$2,499 .....farms	26	10	82	23	23	51
.....\$1,000	39	17	138	33	(D)	90
\$2,500 to \$4,999 .....farms	20	7	115	30	18	74
.....\$1,000	75	24	404	105	65	271
\$5,000 to \$9,999 .....farms	24	6	78	35	28	79
.....\$1,000	167	53	550	251	219	562
\$10,000 to \$19,999 .....farms	27	14	106	42	17	94
.....\$1,000	384	199	1,494	619	232	1,276
\$20,000 to \$24,999 .....farms	8	-	29	14	5	30
.....\$1,000	183	-	635	307	106	684
\$25,000 to \$39,999 .....farms	10	1	49	42	6	69
.....\$1,000	301	(D)	1,524	1,382	182	2,175
\$40,000 to \$49,999 .....farms	5	-	24	25	1	30
.....\$1,000	212	-	1,068	1,129	(D)	1,336
\$50,000 to \$99,999 .....farms	14	3	41	82	11	106
.....\$1,000	1,003	213	2,984	5,980	709	7,251
\$100,000 to \$249,999 .....farms	23	2	40	86	7	97
.....\$1,000	3,623	(D)	6,203	14,319	1,258	15,211
\$250,000 to \$499,999 .....farms	18	2	25	59	7	66
.....\$1,000	6,430	(D)	8,635	20,610	2,260	25,064
\$500,000 or more .....farms	34	-	50	99	2	56
.....\$1,000	38,775	-	116,380	120,545	(D)	107,588
Value of sales by commodity or commodity group:						
Crops, including nursery and greenhouse crops						
.....farms, 2017	220	50	526	523	123	678
.....2012	203	38	499	518	113	726
.....\$1,000, 2017	29,046	1,291	43,167	102,895	7,868	156,686
.....2012	35,825	783	47,415	157,210	3,320	145,902
Grains, oilseeds, dry beans, and dry peas						
.....farms, 2017	158	14	260	446	24	261
.....2012	131	22	254	432	31	310
.....\$1,000, 2017	23,340	802	37,024	76,020	668	44,569
.....2012	28,453	522	42,609	107,905	396	64,560
Corn						
.....farms, 2017	116	3	190	350	21	192
.....2012	104	4	205	347	27	227
.....\$1,000, 2017	8,933	230	20,807	32,409	644	26,651
.....2012	12,032	(D)	23,521	60,344	385	40,251
Wheat						
.....farms, 2017	58	-	60	164	-	20
.....2012	63	1	67	206	3	38
.....\$1,000, 2017	(D)	-	1,283	5,142	-	281
.....2012	4,149	(D)	3,128	(D)	(D)	1,481
Soybeans						
.....farms, 2017	133	-	173	380	2	220
.....2012	93	1	155	326	2	244
.....\$1,000, 2017	9,486	-	14,722	27,155	(D)	17,627
.....2012	8,683	(D)	15,700	27,623	(D)	22,774
Sorghum						
.....farms, 2017	-	-	-	2	-	-
.....2012	1	-	1	-	-	-
.....\$1,000, 2017	-	-	-	(D)	-	-
Barley						
.....farms, 2017	1	-	1	1	-	-
.....2012	-	3	2	2	-	2
.....\$1,000, 2017	(D)	-	(D)	(D)	-	-
Rice						
.....farms, 2017	-	76	(D)	(D)	-	(D)
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa	
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)							
Total sales (see text)	farms, 2017	789	958	747	271	330	427
	2012	1,054	1,023	798	297	313	409
	\$1,000, 2017	162,296	113,869	153,388	8,415	7,146	10,675
	2012	175,346	133,035	187,159	9,917	9,275	12,566
Average per farm	dollars, 2017	205,698	118,861	205,338	31,050	21,654	25,001
	2012	166,363	130,044	234,534	33,390	29,632	30,723
2017 value of sales:							
Less than \$1,000 (see text)	farms	218	282	222	75	126	115
	\$1,000	48	51	32	14	(D)	23
\$1,000 to \$2,499	farms	43	70	59	38	44	47
	\$1,000	73	126	105	(D)	72	74
\$2,500 to \$4,999	farms	58	94	87	36	45	42
	\$1,000	218	335	328	130	163	167
\$5,000 to \$9,999	farms	88	91	49	31	41	63
	\$1,000	627	634	325	212	299	427
\$10,000 to \$19,999	farms	60	92	64	43	32	62
	\$1,000	865	1,308	907	597	424	846
\$20,000 to \$24,999	farms	17	22	20	3	3	12
	\$1,000	399	499	442	65	71	254
\$25,000 to \$39,999	farms	32	50	45	12	12	31
	\$1,000	978	1,543	1,457	374	342	916
\$40,000 to \$49,999	farms	14	20	10	-	3	11
	\$1,000	642	877	443	-	135	493
\$50,000 to \$99,999	farms	64	74	48	16	14	20
	\$1,000	4,804	5,539	3,344	1,055	969	1,464
\$100,000 to \$249,999	farms	73	69	42	11	2	18
	\$1,000	12,263	10,812	6,014	1,723	(D)	2,875
\$250,000 to \$499,999	farms	46	47	51	2	4	3
	\$1,000	17,099	15,792	16,573	(D)	1,268	1,019
\$500,000 or more	farms	76	47	50	4	4	3
	\$1,000	124,279	76,352	123,417	3,361	3,136	2,116
2012 value of sales:							
Less than \$1,000 (see text)	farms	378	328	271	102	88	79
	\$1,000	43	42	49	10	17	10
\$1,000 to \$2,499	farms	56	88	61	41	43	53
	\$1,000	96	137	87	68	(D)	88
\$2,500 to \$4,999	farms	64	63	70	25	54	48
	\$1,000	243	226	264	101	196	173
\$5,000 to \$9,999	farms	92	100	52	38	49	67
	\$1,000	650	710	386	270	360	482
\$10,000 to \$19,999	farms	87	77	52	31	36	60
	\$1,000	1,235	1,086	764	448	483	868
\$20,000 to \$24,999	farms	8	42	28	9	3	13
	\$1,000	175	938	617	205	65	290
\$25,000 to \$39,999	farms	37	51	31	14	16	39
	\$1,000	1,193	1,631	1,027	439	479	1,162
\$40,000 to \$49,999	farms	21	18	17	9	9	3
	\$1,000	941	786	786	409	394	130
\$50,000 to \$99,999	farms	97	77	57	9	5	19
	\$1,000	6,676	5,612	4,013	563	344	1,386
\$100,000 to \$249,999	farms	80	66	68	7	3	19
	\$1,000	13,674	10,851	10,767	1,030	485	3,095
\$250,000 to \$499,999	farms	59	55	27	7	1	6
	\$1,000	20,531	18,478	10,340	2,258	(D)	2,649
\$500,000 or more	farms	75	58	64	5	6	3
	\$1,000	129,889	92,537	158,059	4,116	6,080	2,235
Value of sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops							
..... farms, 2017		519	648	494	159	185	269
..... 2012		613	616	481	164	191	269
..... \$1,000, 2017		106,933	69,594	99,836	4,991	4,201	4,023
..... 2012		125,375	86,006	125,673	5,978	5,615	5,235
Grains, oilseeds, dry beans, and dry peas							
..... farms, 2017		395	411	305	38	19	22
..... 2012		479	447	323	59	24	52
..... \$1,000, 2017		87,295	61,765	72,904	1,244	411	83
..... 2012		110,539	75,896	112,964	2,309	647	(D)
Corn							
..... farms, 2017		312	308	241	36	8	1
..... 2012		382	364	271	52	16	3
..... \$1,000, 2017		55,109	33,520	47,635	1,089	206	(D)
..... 2012		68,303	41,323	92,228	1,824	460	9
Wheat							
..... farms, 2017		45	81	20	9	10	1
..... 2012		74	115	40	4	4	6
..... \$1,000, 2017		827	1,418	174	19	77	(D)
..... 2012		1,796	3,359	727	53	96	40
Soybeans							
..... farms, 2017		325	333	229	1	4	-
..... 2012		363	350	230	2	6	1
..... \$1,000, 2017		31,212	26,507	24,942	(D)	(D)	-
..... 2012		40,350	30,353	19,870	(D)	(D)	(D)
Sorghum							
..... farms, 2017		-	1	1	-	-	-
..... 2012		3	-	-	-	-	-
..... \$1,000, 2017		-	(D)	(D)	-	-	-
..... 2012		16	(D)	-	(D)	(D)	-
Barley							
..... farms, 2017		-	2	4	5	9	3
..... 2012		-	-	3	3	11	12
..... \$1,000, 2017		-	(D)	(D)	(D)	26	(D)
..... 2012		-	-	(D)	(D)	33	50
Rice							
..... farms, 2017		-	-	-	-	-	-
..... 2012		-	-	-	-	-	-
..... \$1,000, 2017		-	-	-	-	-	-
..... 2012		-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)						
Total sales (see text) .....farms, 2017	396	1,017	45	253	158	962
.....farms, 2012	460	1,128	49	283	162	1,163
.....\$1,000, 2017	22,059	224,284	215	10,800	4,372	83,305
.....farms, 2012	20,361	262,630	260	14,966	5,631	119,049
Average per farm .....dollars, 2017	55,705	220,535	4,775	42,688	27,670	86,595
.....2012	44,263	232,828	5,308	52,883	34,759	102,364
2017 value of sales:						
Less than \$1,000 (see text) .....farms	123	277	21	83	64	226
.....\$1,000	21	53	(D)	(D)	13	36
.....farms	35	93	4	32	30	72
.....\$1,000	62	151	8	59	48	122
.....farms	48	88	8	25	18	96
.....\$2,500 to \$4,999	163	329	29	98	67	338
.....farms	49	99	5	18	14	107
.....\$1,000	337	688	37	116	104	739
.....\$10,000 to \$19,999	36	74	3	30	16	93
.....farms	501	1,095	44	431	221	1,323
.....\$20,000 to \$24,999	11	38	3	11	2	25
.....farms	251	838	68	241	(D)	565
.....\$1,000	19	88	1	13	1	44
.....farms	628	2,787	(D)	438	(D)	1,388
.....\$25,000 to \$39,999	10	14	-	2	1	23
.....farms	422	638	-	(D)	(D)	1,033
.....\$1,000	21	70	-	7	3	88
.....farms	1,395	4,781	-	433	163	6,469
.....\$100,000 to \$249,999	32	57	-	21	6	93
.....farms	4,463	8,926	-	2,868	1,127	14,982
.....\$1,000	5	38	-	1	1	55
.....farms	1,639	13,372	-	1,966	(D)	19,995
.....\$250,000 to \$499,999	7	81	-	5	2	40
.....farms	12,177	190,627	-	4,042	(D)	36,316
.....\$1,000	135	351	16	97	50	329
.....farms	17	32	-	19	7	38
.....\$1,000	70	62	6	28	22	110
.....farms	115	104	13	42	(D)	188
.....\$1,000	40	65	11	25	11	87
.....farms	137	235	40	95	39	311
.....\$2,500 to \$4,999	72	91	9	24	24	92
.....farms	525	648	58	172	175	676
.....\$1,000	51	71	2	27	24	100
.....farms	698	1,020	(D)	409	318	1,438
.....\$20,000 to \$24,999	12	26	3	12	2	28
.....farms	265	554	60	268	(D)	628
.....\$1,000	23	65	2	9	11	66
.....farms	768	2,062	(D)	(D)	362	2,090
.....\$25,000 to \$39,999	7	47	-	1	6	24
.....farms	310	2,103	-	(D)	280	1,078
.....\$1,000	12	108	-	23	-	97
.....farms	887	7,846	-	1,542	-	7,185
.....\$50,000 to \$99,999	23	91	-	22	4	99
.....farms	3,584	13,889	-	3,653	(D)	15,829
.....\$1,000	10	54	-	7	6	60
.....farms	3,701	19,482	-	2,255	1,808	21,510
.....\$250,000 to \$499,999	5	97	-	8	2	71
.....farms	9,354	214,654	-	6,182	(D)	68,080
.....\$1,000	Value of sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops .....farms, 2017	224	659	8	163	87	673
.....farms, 2012	244	678	16	170	105	713
.....\$1,000, 2017	4,823	72,219	22	6,469	2,379	74,393
.....farms, 2012	6,172	122,553	70	7,632	2,904	99,774
Grains, oilseeds, dry beans, and dry peas .....farms, 2017	95	462	2	41	10	425
.....farms, 2012	93	513	5	62	34	522
.....\$1,000, 2017	3,013	63,507	(D)	1,108	74	70,295
.....farms, 2012	4,295	107,005	19	3,084	729	94,283
Corn .....farms, 2017	66	298	2	25	8	284
.....farms, 2012	72	383	5	41	8	388
.....\$1,000, 2017	1,400	28,263	(D)	436	63	30,297
.....farms, 2012	2,472	54,918	15	1,642	607	46,783
Wheat .....farms, 2017	20	195	-	3	1	131
.....farms, 2012	22	278	-	8	2	189
.....\$1,000, 2017	262	4,883	-	(D)	(D)	3,386
.....farms, 2012	468	11,286	-	120	(D)	8,499
Soybeans .....farms, 2017	29	402	-	3	-	378
.....farms, 2012	26	422	-	2	-	412
.....\$1,000, 2017	1,078	29,435	-	(D)	-	35,693
.....farms, 2012	1,184	39,937	-	(D)	-	38,758
Sorghum .....farms, 2017	-	1	-	-	-	-
.....farms, 2012	-	2	-	1	-	4
.....\$1,000, 2017	-	(D)	-	-	-	-
.....farms, 2012	-	(D)	-	(D)	-	6
Barley .....farms, 2017	3	6	-	12	-	3
.....farms, 2012	4	2	1	22	5	-
.....\$1,000, 2017	16	(D)	-	95	-	3
.....farms, 2012	18	(D)	(D)	291	(D)	-
Rice .....farms, 2017	-	-	-	-	-	-
.....farms, 2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....farms, 2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)						
Total sales (see text) farms, 2017	324	820	459	54	497	812
..... 2012	287	835	533	62	504	878
..... \$1,000, 2017	8,714	70,413	15,759	747	34,099	281,445
..... 2012	6,724	91,340	19,348	497	18,246	345,033
Average per farm dollars, 2017	26,895	85,870	34,333	13,829	68,610	346,607
..... 2012	23,430	109,389	36,299	8,016	36,202	392,976
2017 value of sales:						
Less than \$1,000 (see text) farms	119	273	140	9	126	173
..... \$1,000	(D)	45	23	1	27	25
\$1,000 to \$2,499 farms	27	68	54	7	31	47
..... \$1,000	47	112	96	13	51	78
\$2,500 to \$4,999 farms	38	88	62	16	58	38
..... \$1,000	139	314	222	53	209	126
\$5,000 to \$9,999 farms	36	89	54	10	71	67
..... \$1,000	245	634	363	67	472	493
\$10,000 to \$19,999 farms	44	93	51	3	51	80
..... \$1,000	575	1,245	672	36	704	1,178
\$20,000 to \$24,999 farms	10	16	15	-	21	30
..... \$1,000	221	360	336	-	481	678
\$25,000 to \$39,999 farms	18	45	22	4	30	46
..... \$1,000	535	1,460	708	133	995	1,491
\$40,000 to \$49,999 farms	8	14	7	2	13	22
..... \$1,000	358	651	315	(D)	573	952
\$50,000 to \$99,999 farms	9	35	30	2	20	63
..... \$1,000	674	2,361	2,224	(D)	1,415	4,426
\$100,000 to \$249,999 farms	1	41	11	1	45	95
..... \$1,000	(D)	6,449	1,283	(D)	7,461	14,806
\$250,000 to \$499,999 farms	11	28	8	-	18	42
..... \$1,000	3,694	9,709	2,753	-	6,217	14,729
\$500,000 or more farms	3	30	5	-	13	109
..... \$1,000	2,043	47,073	6,763	-	15,494	242,462
2012 value of sales:						
Less than \$1,000 (see text) farms	67	244	153	23	150	245
..... \$1,000	16	38	17	6	19	16
\$1,000 to \$2,499 farms	49	105	59	12	58	51
..... \$1,000	77	171	96	16	103	88
\$2,500 to \$4,999 farms	35	76	69	5	40	33
..... \$1,000	127	286	262	(D)	152	123
\$5,000 to \$9,999 farms	38	89	68	6	54	55
..... \$1,000	286	643	495	42	382	401
\$10,000 to \$19,999 farms	44	68	57	8	73	61
..... \$1,000	647	1,023	845	105	1,059	916
\$20,000 to \$24,999 farms	7	24	23	-	18	24
..... \$1,000	156	518	502	-	404	528
\$25,000 to \$39,999 farms	19	38	30	6	23	41
..... \$1,000	559	1,211	977	201	709	1,295
\$40,000 to \$49,999 farms	3	23	9	-	14	30
..... \$1,000	131	1,007	399	-	628	1,331
\$50,000 to \$99,999 farms	11	60	40	2	25	60
..... \$1,000	(D)	4,301	2,790	(D)	1,838	4,245
\$100,000 to \$249,999 farms	9	43	13	-	31	77
..... \$1,000	1,371	7,011	1,813	-	4,696	11,954
\$250,000 to \$499,999 farms	4	26	5	-	13	73
..... \$1,000	1,720	8,719	1,959	-	4,396	26,317
\$500,000 or more farms	1	39	7	-	5	128
..... \$1,000	(D)	66,411	9,192	-	3,860	297,819
Value of sales by commodity or commodity group:						
Crops, including nursery and greenhouse crops						
..... farms, 2017	213	508	290	33	378	598
..... 2012	189	501	305	35	328	559
..... \$1,000, 2017	6,124	60,891	8,833	217	28,372	121,891
..... 2012	4,444	81,039	13,658	362	13,927	199,091
Grains, oilseeds, dry beans, and dry peas						
..... farms, 2017	48	250	125	2	63	508
..... 2012	47	280	165	9	81	471
..... \$1,000, 2017	528	33,408	6,341	(D)	3,490	98,643
..... 2012	791	52,714	10,480	97	4,620	169,391
Corn farms, 2017	29	168	93	1	51	356
..... 2012	36	176	140	4	73	377
..... \$1,000, 2017	343	15,196	2,850	(D)	2,070	49,024
..... 2012	637	25,892	4,973	30	3,337	97,721
Wheat farms, 2017	11	62	33	-	19	158
..... 2012	3	91	30	2	20	200
..... \$1,000, 2017	15	1,181	424	-	237	5,895
..... 2012	(D)	3,326	746	(D)	483	12,435
Soybeans farms, 2017	-	194	54	-	21	443
..... 2012	1	211	78	2	14	385
..... \$1,000, 2017	-	16,624	2,623	-	632	40,004
..... 2012	(D)	22,993	3,414	(D)	510	53,728
Sorghum farms, 2017	-	-	3	-	2	-
..... 2012	-	-	-	-	1	2
..... \$1,000, 2017	-	-	(D)	-	(D)	-
..... 2012	-	(D)	-	-	(D)	(D)
Barley farms, 2017	4	3	3	-	8	-
..... 2012	7	8	7	2	4	2
..... \$1,000, 2017	11	2	(D)	-	(D)	-
..... 2012	41	(D)	14	(D)	(D)	(D)
Rice farms, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
..... \$1,000, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)						
Total sales (see text) .....farms, 2017	1,205	208	1,153	912	954	244
.....2012	1,530	177	1,205	944	1,109	283
.....\$1,000, 2017	165,110	6,307	610,778	113,798	382,945	14,892
.....2012	161,533	4,014	654,564	131,340	406,147	17,083
Average per farm .....dollars, 2017	137,021	30,324	529,729	124,779	401,410	61,035
.....2012	105,577	22,675	543,207	139,132	366,228	60,363
2017 value of sales:						
Less than \$1,000 (see text) .....farms	444	70	306	289	233	97
.....\$1,000	44	14	19	74	28	19
.....farms	83	28	50	99	90	20
.....\$1,000	126	54	89	164	147	37
.....farms	115	32	28	100	78	25
.....\$2,500 to \$4,999	413	117	101	382	292	92
.....farms	98	16	42	88	87	21
.....\$1,000	695	115	306	623	599	148
.....\$10,000 to \$19,999	89	20	52	78	83	20
.....farms	1,274	270	762	1,070	1,158	280
.....\$20,000 to \$24,999	29	7	15	26	24	10
.....farms	625	154	345	590	548	234
.....\$1,000	46	13	49	36	61	13
.....farms	1,469	409	1,580	1,108	1,955	393
.....\$1,000	18	-	27	12	28	8
.....farms	808	-	1,189	523	1,251	368
.....\$1,000	80	13	94	50	68	9
.....farms	5,881	963	6,800	3,568	5,022	614
.....\$100,000 to \$249,999	72	6	143	44	72	3
.....farms	11,956	903	22,684	7,030	11,464	564
.....\$1,000	48	-	109	40	38	11
.....farms	17,126	-	40,315	13,921	14,397	3,292
.....\$1,000	83	3	238	50	92	7
.....farms	124,692	3,310	536,587	84,746	346,085	8,852
.....\$1,000	698	60	335	237	307	95
.....farms	62	8	17	41	31	13
.....\$1,000	97	19	37	95	92	29
.....farms	155	30	59	152	154	47
.....\$1,000	91	28	48	110	59	45
.....farms	318	96	161	394	223	164
.....\$1,000	100	21	32	104	87	31
.....farms	723	145	214	742	659	215
.....\$1,000	132	13	41	80	81	31
.....farms	1,919	171	598	1,102	1,168	447
.....\$1,000	36	2	22	17	31	7
.....farms	797	(D)	479	392	699	154
.....\$1,000	71	9	40	43	55	11
.....farms	2,236	306	1,289	1,302	1,738	323
.....\$1,000	22	4	15	36	38	3
.....farms	958	181	643	1,579	1,659	134
.....\$1,000	61	17	107	60	77	9
.....farms	4,563	1,189	7,841	4,089	5,518	601
.....\$1,000	89	1	137	49	89	4
.....farms	14,520	(D)	22,498	7,684	14,156	626
.....\$1,000	65	2	113	40	69	7
.....farms	22,925	(D)	41,190	13,362	24,588	2,562
.....\$1,000	68	1	278	73	124	11
.....farms	112,357	(D)	579,576	100,502	355,554	11,796
.....\$1,000	687	134	776	535	621	156
.....farms, 2017	707	110	787	579	686	154
.....2012	84,795	2,292	262,969	72,923	83,897	4,069
.....\$1,000, 2017	115,914	2,126	334,344	101,658	128,514	6,226
.....2012	465	27	668	275	447	48
.....farms, 2017	523	25	696	333	506	57
.....2012	76,254	330	195,045	58,108	73,892	2,854
.....\$1,000, 2017	95,078	351	229,754	89,040	115,394	4,771
.....2012	300	8	476	173	341	35
.....farms, 2017	402	9	580	256	424	43
.....2012	37,389	165	72,878	27,966	41,125	1,613
.....\$1,000, 2017	48,953	239	109,761	47,979	70,241	2,972
.....2012	112	1	435	95	163	15
.....farms, 2017	141	-	442	141	215	13
.....2012	3,134	(D)	32,079	3,848	3,532	196
.....\$1,000, 2017	5,270	(D)	37,028	11,047	6,906	464
.....2012	401	-	441	236	353	22
.....farms, 2017	390	-	419	262	346	16
.....2012	35,674	-	31,057	26,198	28,998	964
.....\$1,000, 2017	40,688	-	29,442	29,888	37,762	1,104
.....2012	6	-	1	-	1	-
.....farms, 2017	6	-	-	-	3	2
.....2012	(D)	-	(D)	-	(D)	(D)
.....\$1,000, 2017	(D)	-	(D)	-	(D)	(D)
.....2012	1	3	5	2	1	1
.....farms, 2017	2	3	5	2	2	4
.....2012	(D)	(D)	39	-	(D)	(D)
.....\$1,000, 2017	(D)	(D)	(D)	(D)	(D)	(D)
.....2012	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)						
Total sales (see text) farms, 2017	133	959	923	707	225	1,010
..... farms, 2012	117	928	1,073	734	224	1,159
..... \$1,000, 2017	3,665	116,848	70,807	236,922	8,325	262,815
..... farms, 2012	3,653	119,400	78,185	243,969	8,803	231,861
Average per farm dollars, 2017	27,560	121,843	76,714	335,109	37,000	260,213
..... farms, 2012	31,222	128,663	72,866	332,383	39,300	200,053
2017 value of sales:						
Less than \$1,000 (see text) farms	54	277	314	197	74	254
..... \$1,000	(D)	47	68	42	18	59
\$1,000 to \$2,499 farms	18	67	84	62	23	103
..... \$1,000	32	105	144	97	37	168
\$2,500 to \$4,999 farms	11	79	103	54	25	98
..... \$1,000	41	288	388	205	93	354
\$5,000 to \$9,999 farms	14	75	86	77	32	133
..... \$1,000	107	557	646	563	218	988
\$10,000 to \$19,999 farms	11	88	87	65	37	72
..... \$1,000	163	1,281	1,250	956	518	1,025
\$20,000 to \$24,999 farms	4	27	20	23	6	19
..... \$1,000	84	604	452	505	142	410
\$25,000 to \$39,999 farms	13	66	26	32	14	53
..... \$1,000	415	2,254	765	991	419	1,719
\$40,000 to \$49,999 farms	3	30	22	8	2	16
..... \$1,000	124	1,351	989	372	(D)	732
\$50,000 to \$99,999 farms	1	73	59	44	5	60
..... \$1,000	(D)	5,162	4,016	3,212	272	4,063
\$100,000 to \$249,999 farms	-	81	57	27	3	53
..... \$1,000	-	12,174	10,004	4,167	472	8,275
\$250,000 to \$499,999 farms	-	49	26	28	1	58
..... \$1,000	-	15,874	8,748	10,706	(D)	19,285
\$500,000 or more farms	4	47	39	90	3	91
..... \$1,000	2,600	77,151	43,337	215,106	5,762	225,738
2012 value of sales:						
Less than \$1,000 (see text) farms	31	282	345	183	86	341
..... \$1,000	(D)	38	54	21	14	54
\$1,000 to \$2,499 farms	17	79	109	78	26	111
..... \$1,000	28	134	176	137	42	184
\$2,500 to \$4,999 farms	22	67	91	56	37	102
..... \$1,000	76	248	323	200	130	376
\$5,000 to \$9,999 farms	17	67	137	61	23	111
..... \$1,000	118	472	979	435	146	760
\$10,000 to \$19,999 farms	9	74	103	79	28	88
..... \$1,000	121	1,032	1,456	1,111	414	1,212
\$20,000 to \$24,999 farms	2	37	19	19	3	34
..... \$1,000	(D)	824	421	428	66	741
\$25,000 to \$39,999 farms	3	59	52	44	5	60
..... \$1,000	87	1,901	1,661	1,392	153	1,939
\$40,000 to \$49,999 farms	4	21	25	14	3	36
..... \$1,000	180	932	1,092	630	125	1,586
\$50,000 to \$99,999 farms	4	64	63	42	6	84
..... \$1,000	246	4,764	4,442	2,947	400	6,074
\$100,000 to \$249,999 farms	5	84	60	36	2	78
..... \$1,000	716	13,474	9,267	5,650	(D)	12,820
\$250,000 to \$499,999 farms	-	45	28	27	2	38
..... \$1,000	-	16,623	10,256	9,397	(D)	14,284
\$500,000 or more farms	3	49	41	95	3	76
..... \$1,000	2,028	78,959	48,057	221,622	6,320	191,832
Value of sales by commodity or commodity group:						
Crops, including nursery and greenhouse crops farms, 2017	87	632	560	465	126	660
..... farms, 2012	83	569	608	441	105	664
..... \$1,000, 2017	3,248	61,718	43,582	176,451	7,683	202,387
..... farms, 2012	3,188	78,428	54,110	194,521	8,109	180,389
Grains, oilseeds, dry beans, and dry peas						
..... farms, 2017	19	431	300	211	25	255
..... farms, 2012	20	395	375	228	25	299
..... \$1,000, 2017	235	53,076	35,104	51,805	505	38,830
..... farms, 2012	(D)	73,177	48,825	72,872	1,485	56,098
Corn farms, 2017	5	279	227	169	8	201
..... farms, 2012	8	278	307	203	8	254
..... \$1,000, 2017	64	18,449	19,411	34,425	81	23,889
..... farms, 2012	87	32,566	25,719	56,334	737	38,081
Wheat farms, 2017	4	123	88	29	16	69
..... farms, 2012	3	165	119	38	9	90
..... \$1,000, 2017	45	3,481	1,745	926	300	1,715
..... farms, 2012	53	9,385	3,276	1,773	562	3,033
Soybeans farms, 2017	2	324	216	161	1	157
..... farms, 2012	-	272	250	167	-	162
..... \$1,000, 2017	(D)	28,615	13,858	16,340	(D)	11,707
..... farms, 2012	-	29,332	19,613	14,689	-	13,311
Sorghum farms, 2017	-	2	3	3	1	1
..... farms, 2012	-	8	-	1	1	-
..... \$1,000, 2017	-	(D)	-	61	(D)	-
..... farms, 2012	-	60	133	(D)	(D)	(D)
Barley farms, 2017	9	4	4	1	1	4
..... farms, 2012	5	9	2	-	2	-
..... \$1,000, 2017	(D)	(D)	(D)	(D)	(D)	13
..... farms, 2012	(D)	97	(D)	-	(D)	-
Rice farms, 2017	-	-	-	-	-	-
..... farms, 2012	-	-	-	-	-	-
..... \$1,000, 2017	-	-	-	-	-	-
..... farms, 2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)						
Total sales (see text) .....farms, 2017	9	168	1,013	470	1,361	724
.....farms, 2012	6	200	1,133	494	1,618	734
.....\$1,000, 2017	2	3,247	86,954	42,442	259,884	48,482
.....farms, 2012	(D)	4,061	113,355	20,494	204,571	52,251
Average per farm .....dollars, 2017	167	19,325	85,838	90,302	190,951	66,964
.....farms, 2012	(D)	20,307	100,048	41,485	126,434	71,186
2017 value of sales:						
Less than \$1,000 (see text) .....farms	9	65	261	108	408	256
.....\$1,000	2	17	43	21	40	49
.....farms	-	27	113	43	92	86
.....\$1,000	-	53	181	81	143	137
.....farms	-	20	114	34	95	85
.....\$2,500 to \$4,999	-	67	394	112	343	310
.....farms	-	20	104	48	102	84
.....\$1,000	-	138	715	342	727	605
.....\$10,000 to \$19,999	-	16	102	44	97	60
.....farms	-	251	1,389	628	1,333	848
.....\$20,000 to \$24,999	-	2	18	11	44	12
.....farms	-	(D)	397	239	1,001	264
.....\$1,000	-	8	64	16	62	24
.....farms	-	245	1,906	464	1,968	725
.....\$25,000 to \$39,999	-	1	24	22	33	7
.....farms	-	(D)	1,071	987	1,484	289
.....\$1,000	-	5	63	54	95	30
.....farms	-	426	4,804	3,887	6,280	2,291
.....\$100,000 to \$249,999	-	-	61	37	110	38
.....farms	-	-	9,496	6,088	18,653	5,848
.....\$1,000	-	2	46	40	95	27
.....farms	-	(D)	16,536	13,406	32,473	10,301
.....\$250,000 to \$499,999	-	2	43	13	128	15
.....farms	-	(D)	50,022	16,185	195,440	26,815
.....\$1,000	-	-	-	-	-	-
2012 value of sales:						
Less than \$1,000 (see text) .....farms	4	71	350	164	624	249
.....\$1,000	-	10	59	18	39	33
.....farms	-	18	102	29	104	73
.....\$1,000	-	28	182	51	166	123
.....farms	2	30	103	35	104	77
.....\$1,000	(D)	110	374	121	375	275
.....farms	-	37	104	53	106	71
.....\$1,000	-	272	736	360	735	478
.....\$10,000 to \$19,999	-	20	102	59	105	61
.....farms	-	285	1,478	802	1,528	874
.....\$20,000 to \$24,999	-	2	32	17	42	22
.....farms	-	(D)	720	381	948	504
.....\$1,000	-	6	62	27	87	39
.....farms	-	172	1,894	851	2,728	1,228
.....\$25,000 to \$39,999	-	1	22	21	42	18
.....farms	-	(D)	955	932	1,871	778
.....\$1,000	-	7	83	44	123	48
.....farms	-	447	5,931	2,895	8,547	3,301
.....\$100,000 to \$249,999	-	2	75	30	95	34
.....farms	-	(D)	11,258	4,360	14,844	5,262
.....\$1,000	-	5	40	9	78	21
.....farms	-	1,460	14,766	2,862	27,525	7,260
.....\$250,000 to \$499,999	-	1	58	6	108	21
.....farms	-	(D)	74,999	6,860	145,265	32,136
.....\$1,000	-	-	-	-	-	-
Value of sales by commodity or commodity group:						
Crops, including nursery and greenhouse crops .....farms, 2017	6	100	618	347	865	393
.....farms, 2012	-	100	676	326	841	383
.....\$1,000, 2017	2	1,354	63,390	39,772	168,061	30,288
.....farms, 2012	-	2,290	91,404	17,776	144,060	38,712
Grains, oilseeds, dry beans, and dry peas .....farms, 2017	-	18	314	37	643	153
.....farms, 2012	-	26	363	55	660	176
.....\$1,000, 2017	-	632	42,769	1,385	152,268	18,749
.....farms, 2012	-	1,592	66,733	839	129,526	25,195
Corn .....farms, 2017	-	13	214	34	467	106
.....farms, 2012	-	22	255	46	484	137
.....\$1,000, 2017	-	355	20,837	975	70,772	8,718
.....farms, 2012	-	1,251	35,411	656	61,394	12,944
Wheat .....farms, 2017	-	4	94	5	284	41
.....farms, 2012	-	5	131	7	298	70
.....\$1,000, 2017	-	44	2,264	84	10,403	(D)
.....farms, 2012	-	110	4,536	68	16,532	2,999
Soybeans .....farms, 2017	-	7	271	4	565	120
.....farms, 2012	-	6	270	2	552	129
.....\$1,000, 2017	-	227	19,140	(D)	70,799	8,696
.....farms, 2012	-	207	26,394	(D)	51,265	9,171
Sorghum .....farms, 2017	-	-	-	-	3	-
.....farms, 2012	-	-	4	1	3	-
.....\$1,000, 2017	-	-	-	-	178	-
.....farms, 2012	-	-	15	(D)	(D)	-
Barley .....farms, 2017	-	-	2	-	1	-
.....farms, 2012	-	-	3	3	6	1
.....\$1,000, 2017	-	-	(D)	-	(D)	-
.....farms, 2012	-	-	26	1	77	(D)
Rice .....farms, 2017	-	-	-	-	-	-
.....farms, 2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....farms, 2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)						
Total sales (see text) farms, 2017	71	101	404	274	179	472
..... farms, 2012	43	103	502	324	168	440
..... \$1,000, 2017	3,771	7,140	78,824	10,325	3,676	56,686
..... farms, 2012	3,615	5,360	73,242	7,628	2,298	52,881
Average per farm dollars, 2017	53,119	70,690	195,109	37,683	20,539	120,098
..... farms, 2012	84,067	52,036	145,909	23,544	13,676	120,183
2017 value of sales:						
Less than \$1,000 (see text) farms	33	34	88	72	54	138
..... \$1,000	(D)	11	18	15	(D)	24
\$1,000 to \$2,499 farms	10	7	33	42	30	35
..... \$1,000	17	13	58	67	54	64
\$2,500 to \$4,999 farms	9	19	33	44	21	68
..... \$1,000	27	70	109	160	78	231
\$5,000 to \$9,999 farms	2	9	46	37	23	44
..... \$1,000	(D)	55	363	263	169	307
\$10,000 to \$19,999 farms	4	11	20	25	22	42
..... \$1,000	57	140	274	390	357	643
\$20,000 to \$24,999 farms	1	-	15	8	9	10
..... \$1,000	(D)	-	325	173	197	227
\$25,000 to \$39,999 farms	2	4	30	6	1	21
..... \$1,000	(D)	(D)	963	158	(D)	683
\$40,000 to \$49,999 farms	-	2	8	2	5	8
..... \$1,000	(D)	(D)	349	(D)	209	353
\$50,000 to \$99,999 farms	4	5	31	11	5	34
..... \$1,000	(D)	378	2,198	749	373	2,279
\$100,000 to \$249,999 farms	5	3	38	9	4	29
..... \$1,000	568	593	5,979	1,268	705	4,681
\$250,000 to \$499,999 farms	-	4	29	17	5	15
..... \$1,000	-	1,598	11,196	5,767	1,488	5,449
\$500,000 or more farms	1	3	33	1	-	28
..... \$1,000	(D)	4,074	56,993	(D)	-	41,746
2012 value of sales:						
Less than \$1,000 (see text) farms	12	26	115	101	55	133
..... \$1,000	(D)	10	13	15	5	22
\$1,000 to \$2,499 farms	3	11	47	52	32	31
..... \$1,000	4	19	71	91	53	49
\$2,500 to \$4,999 farms	4	14	37	33	16	42
..... \$1,000	16	49	130	118	59	145
\$5,000 to \$9,999 farms	7	5	35	46	20	45
..... \$1,000	50	33	248	317	146	304
\$10,000 to \$19,999 farms	2	20	41	29	24	48
..... \$1,000	(D)	297	592	446	347	660
\$20,000 to \$24,999 farms	-	3	14	12	1	10
..... \$1,000	-	72	321	274	(D)	226
\$25,000 to \$39,999 farms	6	8	35	17	11	28
..... \$1,000	199	262	1,153	558	365	867
\$40,000 to \$49,999 farms	-	4	15	3	2	9
..... \$1,000	-	165	665	133	(D)	404
\$50,000 to \$99,999 farms	4	4	39	12	5	28
..... \$1,000	(D)	245	2,714	(D)	325	1,948
\$100,000 to \$249,999 farms	3	5	52	14	-	28
..... \$1,000	453	991	8,382	2,424	-	4,566
\$250,000 to \$499,999 farms	-	1	36	3	1	12
..... \$1,000	-	(D)	12,918	1,074	(D)	4,511
\$500,000 or more farms	2	2	36	2	1	26
..... \$1,000	(D)	(D)	46,034	(D)	(D)	39,179
Value of sales by commodity or commodity group:						
Crops, including nursery and greenhouse crops farms, 2017	31	64	296	201	99	331
..... farms, 2012	25	60	332	203	73	288
..... \$1,000, 2017	3,333	823	68,751	7,804	1,134	32,939
..... farms, 2012	2,954	1,185	58,381	6,492	815	31,689
Grains, oilseeds, dry beans, and dry peas						
..... farms, 2017	-	5	173	54	7	151
..... farms, 2012	2	13	201	64	12	141
..... \$1,000, 2017	-	(D)	21,672	3,249	83	12,893
..... farms, 2012	(D)	213	26,773	1,737	(D)	15,368
Corn						
..... farms, 2017	-	1	99	42	5	100
..... farms, 2012	1	5	134	56	3	108
..... \$1,000, 2017	-	(D)	8,367	3,065	76	8,508
..... farms, 2012	(D)	(D)	11,985	1,588	6	9,980
Wheat						
..... farms, 2017	-	3	28	7	-	74
..... farms, 2012	-	4	44	4	-	64
..... \$1,000, 2017	-	(D)	565	(D)	-	1,083
..... farms, 2012	-	136	1,228	(D)	-	2,206
Soybeans						
..... farms, 2017	-	-	145	12	-	65
..... farms, 2012	-	-	169	5	-	57
..... \$1,000, 2017	-	-	12,701	83	-	3,069
..... farms, 2012	-	-	13,246	94	-	3,032
Sorghum						
..... farms, 2017	-	-	-	1	-	-
..... farms, 2012	-	1	-	1	-	2
..... \$1,000, 2017	-	-	-	(D)	-	-
..... farms, 2012	-	(D)	-	(D)	-	(D)
Barley						
..... farms, 2017	-	-	-	-	1	-
..... farms, 2012	1	1	1	-	6	2
..... \$1,000, 2017	-	-	-	-	(D)	-
..... farms, 2012	(D)	(D)	(D)	-	11	(D)
Rice						
..... farms, 2017	-	-	-	-	-	-
..... farms, 2012	-	-	-	-	-	-
..... \$1,000, 2017	-	-	-	-	-	-
..... farms, 2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)						
Total sales (see text) .....farms, 2017	694	353	530	406	1,085	962
.....farms, 2012	779	398	555	433	1,144	1,127
.....\$1,000, 2017	180,065	37,598	46,896	148,708	174,504	180,469
.....\$1,000, 2012	113,257	41,402	70,088	126,002	173,897	213,940
Average per farm .....dollars, 2017	259,459	106,509	88,483	366,276	160,834	187,598
.....dollars, 2012	145,388	104,025	126,285	290,999	152,008	189,831
2017 value of sales:						
Less than \$1,000 (see text) .....farms	181	86	195	129	304	302
.....\$1,000	48	19	48	34	60	65
\$1,000 to \$2,499 .....farms	59	46	38	31	82	90
.....\$1,000	96	80	59	49	137	164
\$2,500 to \$4,999 .....farms	80	44	58	15	71	86
.....\$1,000	290	161	205	52	237	300
\$5,000 to \$9,999 .....farms	95	51	46	43	91	98
.....\$1,000	670	348	339	314	647	702
\$10,000 to \$19,999 .....farms	64	41	55	44	98	81
.....\$1,000	872	592	742	601	1,427	1,112
\$20,000 to \$24,999 .....farms	31	3	6	7	33	22
.....\$1,000	703	69	129	154	721	503
\$25,000 to \$39,999 .....farms	49	14	39	20	51	52
.....\$1,000	1,520	462	1,276	657	1,612	1,688
\$40,000 to \$49,999 .....farms	15	9	12	11	25	16
.....\$1,000	688	407	539	473	1,131	704
\$50,000 to \$99,999 .....farms	55	12	27	16	94	40
.....\$1,000	3,980	772	1,841	1,003	6,868	3,159
\$100,000 to \$249,999 .....farms	38	14	19	15	98	78
.....\$1,000	6,261	2,257	3,009	2,481	16,312	12,161
\$250,000 to \$499,999 .....farms	7	16	14	16	86	33
.....\$1,000	2,122	5,142	4,798	5,927	31,590	11,580
\$500,000 or more .....farms	20	17	21	59	52	64
.....\$1,000	162,816	27,286	33,912	136,961	113,764	148,332
2012 value of sales:						
Less than \$1,000 (see text) .....farms	212	116	194	114	254	330
.....\$1,000	32	20	22	22	34	42
\$1,000 to \$2,499 .....farms	76	42	51	57	87	127
.....\$1,000	123	70	80	91	147	211
\$2,500 to \$4,999 .....farms	65	46	47	37	78	92
.....\$1,000	244	160	181	138	288	338
\$5,000 to \$9,999 .....farms	64	44	46	45	100	115
.....\$1,000	437	305	340	319	714	809
\$10,000 to \$19,999 .....farms	113	40	46	35	99	103
.....\$1,000	1,560	620	641	473	1,459	1,446
\$20,000 to \$24,999 .....farms	15	13	16	5	47	23
.....\$1,000	332	294	357	111	1,070	518
\$25,000 to \$39,999 .....farms	47	17	34	31	84	52
.....\$1,000	1,463	521	1,085	958	2,510	1,581
\$40,000 to \$49,999 .....farms	22	3	7	16	35	21
.....\$1,000	998	138	308	688	1,554	949
\$50,000 to \$99,999 .....farms	64	19	36	12	128	62
.....\$1,000	4,873	1,345	2,551	858	9,343	4,438
\$100,000 to \$249,999 .....farms	52	21	33	22	93	69
.....\$1,000	8,065	3,577	5,564	3,803	14,895	10,617
\$250,000 to \$499,999 .....farms	22	16	17	15	74	54
.....\$1,000	7,185	5,343	6,067	4,931	24,791	19,299
\$500,000 or more .....farms	27	21	28	44	65	79
.....\$1,000	87,945	29,009	52,890	113,610	117,092	173,693
Value of sales by commodity or commodity group:						
Crops, including nursery and greenhouse crops .....farms, 2017	490	233	321	262	788	629
.....farms, 2012	475	249	301	273	839	683
.....\$1,000, 2017	38,799	4,308	26,764	22,013	167,904	128,519
.....\$1,000, 2012	45,979	7,914	47,595	31,202	166,044	154,177
Grains, oilseeds, dry beans, and dry peas .....farms, 2017	228	76	176	93	563	384
.....farms, 2012	274	111	184	105	657	409
.....\$1,000, 2017	14,701	2,271	22,760	6,952	86,979	58,419
.....\$1,000, 2012	23,482	5,324	41,758	10,332	98,330	84,633
Corn .....farms, 2017	194	46	126	81	355	305
.....farms, 2012	245	81	155	99	454	365
.....\$1,000, 2017	10,570	1,537	9,135	6,710	37,342	35,489
.....\$1,000, 2012	19,856	4,283	23,459	9,861	51,219	56,496
Wheat .....farms, 2017	31	9	37	8	204	111
.....farms, 2012	36	7	52	13	206	108
.....\$1,000, 2017	(D)	224	731	(D)	5,951	(D)
.....\$1,000, 2012	(D)	(D)	2,585	342	9,136	8,340
Soybeans .....farms, 2017	48	7	143	-	496	214
.....farms, 2012	43	14	130	2	543	168
.....\$1,000, 2017	2,201	(D)	11,162	-	43,674	11,013
.....\$1,000, 2012	1,685	601	13,646	(D)	37,899	12,904
Sorghum .....farms, 2017	-	1	2	2	1	1
.....farms, 2012	-	3	-	9	1	-
.....\$1,000, 2017	-	(D)	-	(D)	(D)	(D)
.....\$1,000, 2012	(D)	(D)	(D)	(D)	(D)	(D)
Barley .....farms, 2017	1	21	-	-	1	-
.....farms, 2012	6	28	-	1	2	4
.....\$1,000, 2017	(D)	71	-	-	(D)	-
.....\$1,000, 2012	(D)	194	-	(D)	(D)	10
Rice .....farms, 2017	-	-	-	-	-	-
.....farms, 2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....\$1,000, 2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)						
Total sales (see text)						
..... farms, 2017	178	476	850	514	545	294
..... 2012	151	514	923	537	609	280
..... \$1,000, 2017	9,169	74,677	128,314	22,329	124,691	49,812
..... 2012	8,132	76,000	113,848	25,907	101,180	46,261
Average per farm						
..... dollars, 2017	51,512	156,884	150,958	43,442	228,790	169,429
..... 2012	53,853	147,860	123,346	48,243	166,141	165,216
2017 value of sales:						
Less than \$1,000 (see text)						
..... farms	60	142	292	218	166	63
..... \$1,000	(D)	30	72	32	42	17
..... farms	33	65	73	71	42	36
..... \$1,000	52	104	128	120	67	58
..... farms	15	47	84	43	54	24
..... \$2,500 to \$4,999						
..... farms	58	168	311	146	193	80
..... \$1,000	22	59	79	53	25	32
..... farms	159	405	564	372	184	231
..... \$1,000						
..... farms	18	34	89	32	48	22
..... \$1,000	253	447	1,192	448	675	316
..... farms	5	15	29	11	17	9
..... \$20,000 to \$24,999						
..... farms	105	319	651	236	372	197
..... \$1,000	-	22	48	22	40	9
..... farms	-	687	1,503	708	1,261	272
..... \$1,000	7	7	14	9	4	10
..... farms	318	327	608	404	187	441
..... \$1,000						
..... farms	6	26	24	12	27	25
..... \$50,000 to \$99,999						
..... farms	445	1,923	1,730	763	1,799	1,560
..... \$1,000	4	12	49	26	43	12
..... farms	656	2,124	7,715	3,692	6,962	1,798
..... \$1,000	2	15	16	9	23	21
..... farms	(D)	5,453	5,747	3,055	8,365	7,820
..... \$250,000 to \$499,999						
..... farms	6	32	53	8	56	31
..... \$1,000	6,534	62,690	108,094	12,354	104,583	37,024
..... \$1,000						
2012 value of sales:						
Less than \$1,000 (see text)						
..... farms	47	161	285	219	150	60
..... \$1,000	(D)	26	45	27	23	9
..... farms	12	63	82	76	50	36
..... \$1,000	20	94	138	120	85	65
..... farms	15	28	92	59	68	41
..... \$2,500 to \$4,999						
..... farms	53	98	324	203	255	155
..... \$1,000	20	62	99	48	45	25
..... farms	154	436	695	352	307	195
..... \$1,000						
..... farms	24	50	95	38	45	29
..... \$10,000 to \$19,999						
..... farms	321	675	1,372	515	648	420
..... \$1,000	1	5	23	9	24	7
..... farms	(D)	110	494	201	541	163
..... \$25,000 to \$39,999						
..... farms	8	17	51	25	52	10
..... \$1,000	235	501	1,633	726	1,635	280
..... farms	3	11	21	12	10	8
..... \$40,000 to \$49,999						
..... farms	141	476	938	534	435	353
..... \$1,000						
..... farms	6	37	48	14	51	11
..... \$50,000 to \$99,999						
..... farms	465	2,634	3,359	999	3,575	796
..... \$1,000	6	35	55	12	57	9
..... farms	1,096	5,783	8,619	1,688	8,992	1,320
..... \$1,000	5	21	28	12	23	14
..... farms	1,736	7,218	9,547	3,838	8,341	4,972
..... \$500,000 or more						
..... farms	4	24	44	13	34	30
..... \$1,000	3,877	57,950	86,683	16,704	76,343	37,531
..... \$1,000						
Value of sales by commodity or commodity group:						
Crops, including nursery and greenhouse crops						
..... farms, 2017	100	277	515	261	378	204
..... 2012	86	306	549	241	412	186
..... \$1,000, 2017	3,613	43,964	48,256	19,640	82,572	12,517
..... 2012	4,295	46,846	45,412	22,664	64,095	13,478
Grains, oilseeds, dry beans, and dry peas						
..... farms, 2017	24	90	217	35	159	92
..... 2012	35	134	301	39	198	87
..... \$1,000, 2017	1,971	9,807	18,665	2,482	13,356	8,259
..... 2012	3,155	17,903	24,243	4,950	(D)	9,661
Corn						
..... farms, 2017	8	73	183	19	125	70
..... 2012	19	112	272	29	166	67
..... \$1,000, 2017	248	5,363	12,318	1,330	8,749	4,052
..... 2012	1,001	12,610	18,968	3,060	16,450	6,593
Wheat						
..... farms, 2017	11	22	42	9	43	28
..... 2012	12	23	53	12	40	18
..... \$1,000, 2017	(D)	347	1,238	248	867	1,249
..... 2012	308	1,580	1,135	(D)	(D)	1,311
Soybeans						
..... farms, 2017	21	52	101	19	61	37
..... 2012	21	64	92	19	39	14
..... \$1,000, 2017	1,279	4,053	4,959	898	3,265	2,340
..... 2012	1,679	3,646	4,015	1,395	1,708	915
Sorghum						
..... farms, 2017	-	1	-	-	1	-
..... 2012	-	-	-	-	2	2
..... \$1,000, 2017	-	(D)	-	-	(D)	-
..... 2012	-	-	(D)	-	(D)	(D)
Barley						
..... farms, 2017	-	-	1	-	1	1
..... 2012	-	-	2	-	3	3
..... \$1,000, 2017	-	-	(D)	-	(D)	(D)
..... 2012	-	-	(D)	-	1	(D)
Rice						
..... farms, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
..... \$1,000, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)						
Total sales (see text) .....farms, 2017	114	625	144	193	1,130	322
.....2012	109	750	145	180	1,363	323
.....\$1,000, 2017	3,096	43,531	5,566	6,235	506,662	18,889
.....2012	2,204	45,684	6,907	7,065	534,405	22,821
Average per farm .....dollars, 2017	27,160	69,649	38,656	32,308	448,373	58,661
.....2012	20,217	60,912	47,635	39,251	392,080	70,654
2017 value of sales:						
Less than \$1,000 (see text) .....farms	38	204	46	62	228	120
.....\$1,000	(D)	44	9	6	38	10
.....farms	8	73	24	16	63	52
.....\$1,000	14	120	(D)	30	105	77
.....farms	6	67	17	17	89	22
.....\$2,500 to \$4,999	21	250	61	64	313	86
.....farms	14	80	11	22	122	31
.....\$1,000	91	563	87	160	898	232
.....\$10,000 to \$19,999	15	69	10	35	121	26
.....farms	201	997	148	502	1,762	398
.....\$20,000 to \$24,999	8	24	7	6	27	6
.....farms	174	541	155	124	622	128
.....\$1,000	4	33	4	13	42	11
.....farms	131	995	109	407	1,313	371
.....\$1,000	7	13	-	-	26	9
.....\$40,000 to \$49,999	322	546	-	-	1,158	407
.....farms	7	15	4	9	84	17
.....\$1,000	491	997	272	510	5,851	1,104
.....farms	5	10	15	7	91	9
.....\$100,000 to \$249,999	803	1,426	2,424	910	15,079	1,442
.....\$1,000	2	16	5	3	62	10
.....farms	(D)	5,690	1,686	1,031	21,969	3,009
.....\$250,000 to \$499,999	-	21	1	3	175	9
.....farms	-	31,363	(D)	2,492	457,554	11,626
.....\$1,000	-	-	-	-	-	-
2012 value of sales:						
Less than \$1,000 (see text) .....farms	39	217	38	51	277	91
.....\$1,000	8	36	(D)	10	31	14
.....farms	9	106	18	15	94	37
.....\$1,000	19	179	26	26	152	59
.....farms	11	93	14	21	113	34
.....\$2,500 to \$4,999	11	93	14	21	113	34
.....farms	(D)	321	(D)	(D)	415	126
.....\$1,000	6	109	9	22	104	33
.....farms	39	786	67	159	733	225
.....\$1,000	17	79	18	22	111	40
.....\$10,000 to \$19,999	245	1,112	284	310	1,670	571
.....farms	3	17	7	5	49	12
.....\$20,000 to \$24,999	63	381	149	110	1,081	273
.....farms	7	29	6	21	116	13
.....\$1,000	217	894	(D)	643	3,681	406
.....farms	5	9	1	3	32	8
.....\$40,000 to \$49,999	220	420	(D)	128	1,427	375
.....farms	7	27	14	9	101	20
.....\$1,000	450	1,913	936	572	7,130	1,486
.....farms	4	25	13	6	121	10
.....\$100,000 to \$249,999	600	3,977	2,316	865	19,367	1,619
.....\$1,000	1	18	6	1	80	15
.....farms	(D)	6,657	2,063	(D)	28,377	4,770
.....\$500,000 or more	-	21	1	4	165	10
.....farms	-	29,008	(D)	3,753	470,341	12,899
.....\$1,000	-	-	-	-	-	-
Value of sales by commodity or commodity group:						
Crops, including nursery and greenhouse crops .....farms, 2017	80	403	67	114	787	186
.....2012	73	446	64	116	953	209
.....\$1,000, 2017	2,493	11,663	1,330	5,047	281,964	13,012
.....2012	1,656	13,010	1,178	6,044	300,308	17,469
Grains, oilseeds, dry beans, and dry peas						
.....farms, 2017	6	114	13	34	334	101
.....2012	15	153	29	44	427	119
.....\$1,000, 2017	5	4,589	291	969	44,839	5,885
.....2012	(D)	6,579	(D)	1,333	50,688	10,454
Corn .....farms, 2017	-	100	8	15	254	57
.....2012	4	127	26	36	345	59
.....\$1,000, 2017	(D)	3,352	246	347	25,919	2,797
.....2012	(D)	5,490	(D)	499	34,965	4,072
Wheat .....farms, 2017	1	23	1	9	68	32
.....2012	5	22	2	13	88	35
.....\$1,000, 2017	(D)	441	(D)	195	1,086	828
.....2012	(D)	280	(D)	449	2,126	1,892
Soybeans .....farms, 2017	-	15	3	9	230	37
.....2012	2	20	-	5	243	52
.....\$1,000, 2017	-	607	32	209	17,740	1,821
.....2012	(D)	453	-	189	13,185	3,659
Sorghum .....farms, 2017	-	1	-	-	3	-
.....2012	-	3	1	1	1	3
.....\$1,000, 2017	-	(D)	-	-	(D)	-
.....2012	-	7	(D)	(D)	(D)	(D)
Barley .....farms, 2017	2	2	2	7	2	6
.....2012	3	5	5	7	2	8
.....\$1,000, 2017	(D)	(D)	(D)	-	(D)	7
.....2012	10	9	21	(D)	(D)	(D)
Rice .....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)						
Total sales (see text) farms, 2017	48	1,250	1,077	896	1,315	62
..... 2012	58	1,318	1,049	967	1,467	65
..... \$1,000, 2017	782	170,258	80,888	230,675	357,672	2,109
..... 2012	(D)	243,639	107,937	238,053	420,966	2,168
Average per farm dollars, 2017	16,287	136,206	75,105	257,450	271,994	34,012
..... 2012	(D)	184,855	102,895	246,177	286,957	33,357
2017 value of sales:						
Less than \$1,000 (see text) farms	14	319	303	252	223	27
..... \$1,000	4	44	78	33	28	4
..... farms	9	67	126	79	61	2
..... \$1,000	17	113	209	118	102	(D)
..... farms	10	69	82	66	52	10
..... \$2,500 to \$4,999	40	251	303	230	198	33
..... farms	4	103	98	58	119	1
..... \$5,000 to \$9,999	31	765	673	401	854	(D)
..... farms	3	138	108	78	86	8
..... \$10,000 to \$19,999	51	2,013	1,577	1,045	1,231	98
..... farms	-	28	12	26	24	-
..... \$20,000 to \$24,999	-	613	255	582	540	-
..... farms	5	98	72	35	78	5
..... \$25,000 to \$39,999	172	3,111	2,326	1,063	2,553	169
..... farms	-	28	35	19	43	-
..... \$40,000 to \$49,999	-	1,275	1,533	808	1,873	-
..... farms	-	123	69	69	138	1
..... \$50,000 to \$99,999	-	8,682	5,146	4,737	9,976	(D)
..... farms	3	122	101	68	151	6
..... \$100,000 to \$249,999	467	17,993	15,980	10,741	24,855	887
..... farms	-	88	37	56	121	2
..... \$250,000 to \$499,999	-	31,199	13,615	20,256	43,400	(D)
..... farms	-	67	34	90	219	-
..... \$500,000 or more	-	104,197	39,193	190,660	272,063	-
..... farms	-	-	-	-	-	-
2012 value of sales:						
Less than \$1,000 (see text) farms	25	385	244	257	353	24
..... \$1,000	2	20	30	36	30	6
..... farms	5	54	94	93	73	8
..... \$1,000	8	90	156	155	125	16
..... farms	7	49	90	86	74	7
..... \$2,500 to \$4,999	24	168	327	297	248	26
..... farms	7	95	123	63	72	5
..... \$5,000 to \$9,999	43	681	916	456	519	34
..... farms	7	101	84	61	94	11
..... \$10,000 to \$19,999	102	1,415	1,182	868	1,334	136
..... farms	-	32	31	28	44	1
..... \$20,000 to \$24,999	-	732	680	621	1,005	(D)
..... farms	5	57	58	59	63	1
..... \$25,000 to \$39,999	153	1,800	1,905	1,908	2,018	(D)
..... farms	1	45	43	23	30	-
..... \$40,000 to \$49,999	(D)	1,995	1,950	1,043	1,343	-
..... farms	1	136	95	55	131	2
..... \$50,000 to \$99,999	(D)	9,776	6,520	4,081	9,742	(D)
..... farms	-	148	91	101	179	2
..... \$100,000 to \$249,999	-	24,576	15,784	15,710	29,402	(D)
..... farms	-	104	44	52	125	3
..... \$250,000 to \$499,999	-	37,826	14,912	18,761	44,699	955
..... farms	-	112	52	89	229	1
..... \$500,000 or more	-	164,560	63,575	194,117	330,501	(D)
..... farms	-	-	-	-	-	-
Value of sales by commodity or commodity group:						
Crops, including nursery and greenhouse crops farms, 2017	25	916	755	586	992	27
..... 2012	29	888	720	603	1,012	41
..... \$1,000, 2017	300	149,585	71,704	158,610	194,146	1,027
..... 2012	290	223,309	97,871	190,933	280,054	1,365
Grains, oilseeds, dry beans, and dry peas						
..... farms, 2017	3	765	425	438	756	4
..... 2012	5	759	446	466	849	5
..... \$1,000, 2017	(D)	115,051	50,494	98,994	154,715	(D)
..... 2012	(D)	174,570	85,376	151,096	220,428	610
Corn farms, 2017	-	524	185	394	489	1
..... 2012	4	614	255	426	593	1
..... \$1,000, 2017	-	54,157	14,372	70,408	60,170	(D)
..... 2012	41	94,152	40,533	119,535	100,677	(D)
Wheat farms, 2017	-	253	109	31	393	1
..... 2012	-	342	154	63	453	1
..... \$1,000, 2017	-	6,758	2,673	843	(D)	(D)
..... 2012	-	13,344	4,852	1,115	30,642	(D)
Soybeans farms, 2017	-	650	399	302	632	1
..... 2012	1	617	402	314	659	-
..... \$1,000, 2017	-	50,775	33,039	26,671	61,207	(D)
..... 2012	(D)	62,402	39,613	30,285	72,513	-
Sorghum farms, 2017	-	1	2	6	-	-
..... 2012	-	4	-	-	1	-
..... \$1,000, 2017	-	(D)	(D)	922	-	-
..... 2012	-	89	(D)	-	(D)	-
Barley farms, 2017	-	-	2	5	2	1
..... 2012	-	3	6	7	3	-
..... \$1,000, 2017	-	-	(D)	12	(D)	(D)
..... 2012	-	8	(D)	6	(D)	-
Rice farms, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
..... \$1,000, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT)						
Total sales (see text) .....farms, 2017	972	1,241	953	1,245	248	304
.....farms, 2012	1,033	1,322	1,113	1,236	287	357
.....\$1,000, 2017	97,476	230,955	205,549	91,167	23,132	18,149
.....farms, 2012	145,170	274,446	194,664	87,761	26,535	9,676
Average per farm .....dollars, 2017	100,284	186,104	215,686	73,226	93,272	59,701
.....farms, 2012	140,532	207,599	174,900	71,004	92,455	27,103
2017 value of sales:						
Less than \$1,000 (see text) .....farms	277	341	265	390	52	98
.....\$1,000	40	47	75	62	6	16
.....farms	78	81	94	91	39	28
.....\$1,000	126	128	163	163	68	46
.....farms	92	76	82	128	23	51
.....\$1,000	327	284	312	453	72	183
.....farms	89	100	80	94	20	26
.....\$1,000	629	691	563	663	143	183
.....farms	79	90	82	151	42	33
.....\$1,000	1,118	1,307	1,158	2,214	585	466
.....farms	30	27	23	32	10	10
.....\$1,000	665	601	496	711	231	223
.....farms	68	58	49	62	14	7
.....\$1,000	2,160	1,908	1,565	1,949	450	(D)
.....farms	25	41	22	27	7	2
.....\$1,000	1,128	1,851	970	1,194	311	(D)
.....farms	79	114	66	74	10	18
.....\$1,000	5,601	8,135	4,721	5,419	766	1,222
.....farms	80	117	86	102	20	18
.....\$1,000	13,076	17,943	13,756	16,418	3,115	2,398
.....farms	26	73	42	59	4	4
.....\$1,000	9,366	26,890	14,894	21,131	1,159	1,600
.....farms	49	123	62	35	7	9
.....\$1,000	63,240	171,170	166,876	40,791	16,226	11,503
2012 value of sales:						
Less than \$1,000 (see text) .....farms	214	442	342	390	86	129
.....\$1,000	24	46	55	61	16	23
.....farms	103	77	72	140	29	43
.....\$1,000	175	122	127	234	(D)	69
.....farms	95	79	81	101	43	42
.....\$1,000	341	283	289	377	155	153
.....farms	78	77	99	80	23	50
.....\$1,000	563	533	734	594	146	345
.....farms	103	77	95	112	26	29
.....\$1,000	1,508	1,096	1,326	1,581	378	390
.....farms	27	32	43	47	7	10
.....\$1,000	624	705	941	1,040	155	219
.....farms	57	54	68	71	12	15
.....\$1,000	1,834	1,768	2,193	2,292	393	490
.....farms	32	21	25	35	9	8
.....\$1,000	1,427	937	1,091	1,549	372	345
.....farms	97	117	105	79	28	13
.....\$1,000	7,019	8,458	7,287	5,518	2,116	935
.....farms	95	118	77	92	13	8
.....\$1,000	15,112	19,200	12,305	14,635	2,131	1,203
.....farms	64	84	48	49	2	7
.....\$1,000	23,068	29,677	16,488	17,334	(D)	2,190
.....farms	68	144	58	40	9	3
.....\$1,000	93,475	211,620	151,828	42,545	19,912	3,314
Value of sales by commodity or commodity group:						
Crops, including nursery and greenhouse crops .....farms, 2017	635	814	686	787	169	182
.....farms, 2012	693	773	732	743	182	211
.....\$1,000, 2017	65,717	160,315	167,450	69,551	22,389	8,704
.....farms, 2012	113,439	226,266	161,414	67,584	26,059	4,829
Grains, oilseeds, dry beans, and dry peas .....farms, 2017	463	619	157	404	41	43
.....farms, 2012	533	603	239	430	66	70
.....\$1,000, 2017	62,031	131,030	37,020	46,974	1,456	3,517
.....farms, 2012	107,142	183,435	58,345	46,662	3,322	2,232
Corn .....farms, 2017	291	443	119	285	26	35
.....farms, 2012	368	478	199	303	50	55
.....\$1,000, 2017	21,973	52,757	23,885	21,676	(D)	2,633
.....farms, 2012	49,687	91,975	49,204	23,589	1,592	2,027
Wheat .....farms, 2017	140	248	13	151	4	4
.....farms, 2012	286	280	20	210	6	9
.....\$1,000, 2017	5,381	13,797	213	3,627	(D)	(D)
.....farms, 2012	13,198	21,145	397	6,708	(D)	(D)
Soybeans .....farms, 2017	410	475	106	334	32	3
.....farms, 2012	462	448	118	342	45	1
.....\$1,000, 2017	33,561	36,967	12,899	21,528	1,013	(D)
.....farms, 2012	43,570	43,179	8,692	16,257	1,644	(D)
Sorghum .....farms, 2017	-	2	1	-	-	-
.....farms, 2012	1	7	7	-	-	1
.....\$1,000, 2017	-	(D)	(D)	-	-	-
.....farms, 2012	(D)	(D)	10	-	-	(D)
Barley .....farms, 2017	2	3	-	2	-	-
.....farms, 2012	2	10	3	6	-	1
.....\$1,000, 2017	(D)	(D)	-	(D)	-	-
.....farms, 2012	(D)	(D)	11	33	-	(D)
Rice .....farms, 2017	-	-	-	-	-	-
.....farms, 2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....farms, 2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
..... farms, 2017	2,577	16	14	31	31	14
..... farms, 2012	3,013	16	6	36	46	23
..... farms, \$1,000, 2017	152,991	804	55	615	834	113
..... farms, \$1,000, 2012	152,656	520	60	218	697	278
Tobacco	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
..... farms, 2012	-	-	-	-	-	-
..... farms, \$1,000, 2017	-	-	-	-	-	-
..... farms, \$1,000, 2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
..... farms, 2012	-	-	-	-	-	-
..... farms, \$1,000, 2017	-	-	-	-	-	-
..... farms, \$1,000, 2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes						
..... farms, 2017	3,089	13	30	81	26	45
..... farms, 2012	2,793	7	15	82	21	37
..... farms, \$1,000, 2017	535,068	69	237	25,686	385	7,115
..... farms, \$1,000, 2012	462,726	20	78	18,360	223	4,691
Fruits, tree nuts, and berries						
..... farms, 2017	2,876	9	4	108	27	70
..... farms, 2012	2,304	5	6	88	12	45
..... farms, \$1,000, 2017	440,718	94	4	17,790	294	16,071
..... farms, \$1,000, 2012	257,133	(D)	(D)	15,199	162	4,049
Fruits and tree nuts						
..... farms, 2017	1,953	8	4	43	21	57
..... farms, 2012	1,361	2	-	24	7	38
..... farms, \$1,000, 2017	294,371	87	(D)	5,735	104	15,827
..... farms, \$1,000, 2012	133,091	(D)	-	1,121	(D)	3,945
Berries						
..... farms, 2017	1,321	3	2	77	15	26
..... farms, 2012	1,124	4	6	68	5	13
..... farms, \$1,000, 2017	146,347	7	(D)	12,055	190	244
..... farms, \$1,000, 2012	124,043	2	(D)	14,078	(D)	104
Nursery, greenhouse, floriculture, and sod (see text)						
..... farms, 2017	1,939	4	12	72	12	31
..... farms, 2012	2,235	6	17	79	10	29
..... farms, \$1,000, 2017	739,749	(D)	331	59,040	108	1,671
..... farms, \$1,000, 2012	727,847	167	197	52,582	216	1,346
Cultivated Christmas trees and short rotation woody crops (see text)						
..... farms, 2017	774	3	3	16	4	24
..... farms, 2012	826	5	1	24	14	12
..... farms, \$1,000, 2017	28,732	(D)	6	1,438	22	965
..... farms, \$1,000, 2012	30,210	(D)	(D)	811	77	125
Cultivated Christmas trees (see text)						
..... farms, 2017	774	3	3	16	4	24
..... farms, 2012	744	5	1	22	11	12
..... farms, \$1,000, 2017	28,732	(D)	6	1,438	22	965
..... farms, \$1,000, 2012	29,643	(D)	(D)	(D)	68	125
Short rotation woody crops						
..... farms, 2017	-	-	-	-	-	-
..... farms, 2012	101	1	-	2	3	-
..... farms, \$1,000, 2017	-	-	-	-	-	-
..... farms, \$1,000, 2012	567	(D)	-	(D)	9	-
Other crops and hay (see text)						
..... farms, 2017	14,059	113	59	351	188	116
..... farms, 2012	13,067	99	39	322	158	116
..... farms, \$1,000, 2017	288,290	1,329	557	3,294	1,006	1,497
..... farms, \$1,000, 2012	415,271	1,028	312	3,386	1,362	2,225
Maple syrup						
..... farms, 2017	872	8	7	13	9	16
..... farms, 2012	631	5	5	18	3	8
..... farms, \$1,000, 2017	6,254	25	102	31	28	86
..... farms, \$1,000, 2012	2,859	14	33	47	(D)	49
Livestock, poultry, and their products						
..... farms, 2017	17,298	69	67	528	157	106
..... farms, 2012	18,447	94	49	549	214	126
..... farms, \$1,000, 2017	3,576,684	6,486	2,963	407,723	18,251	6,488
..... farms, \$1,000, 2012	3,171,614	6,808	2,135	386,750	14,146	5,660
Poultry and eggs						
..... farms, 2017	5,300	13	44	121	42	39
..... farms, 2012	4,565	20	25	135	58	41
..... farms, \$1,000, 2017	480,253	55	29	134,989	75	653
..... farms, \$1,000, 2012	472,218	190	24	135,948	27	128
Cattle and calves						
..... farms, 2017	9,539	44	34	315	102	45
..... farms, 2012	10,677	59	22	290	156	72
..... farms, \$1,000, 2017	628,397	1,190	1,350	26,166	1,544	2,046
..... farms, \$1,000, 2012	603,653	1,522	676	19,313	2,091	2,435
Milk from cows						
..... farms, 2017	1,652	9	7	81	33	2
..... farms, 2012	1,913	7	6	74	34	2
..... farms, \$1,000, 2017	1,786,057	4,542	1,411	109,519	16,540	(D)
..... farms, \$1,000, 2012	1,540,609	4,744	1,264	81,849	11,784	(D)
Hogs and pigs						
..... farms, 2017	2,441	7	24	85	28	10
..... farms, 2012	2,150	5	7	82	21	15
..... farms, \$1,000, 2017	608,555	(D)	54	133,904	45	111
..... farms, \$1,000, 2012	482,177	2	21	147,247	(D)	41
Sheep, goats, wool, mohair, and milk						
..... farms, 2017	2,741	3	14	72	13	19
..... farms, 2012	2,544	4	11	83	17	10
..... farms, \$1,000, 2017	14,796	(D)	104	406	39	60
..... farms, \$1,000, 2012	13,963	(D)	135	419	51	69
Horses, ponies, mules, burros, and donkeys (see text)						
..... farms, 2017	1,558	-	1	34	11	3
..... farms, 2012	2,796	9	10	64	16	9
..... farms, \$1,000, 2017	17,091	-	(D)	726	7	22
..... farms, \$1,000, 2012	29,097	59	11	313	159	25

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
.....farms, 2017	29	14	19	121	7	5
.....2012	32	17	24	130	7	18
.....\$1,000, 2017	2,715	572	(D)	11,297	(D)	10
.....2012	(D)	362	(D)	12,050	7	(D)
Tobacco	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes						
.....farms, 2017	18	7	25	73	19	110
.....2012	17	3	23	64	14	136
.....\$1,000, 2017	2,473	4	211	14,295	(D)	41,347
.....2012	2,095	6	218	18,564	(D)	39,862
Fruits, tree nuts, and berries						
.....farms, 2017	3	6	16	14	45	255
.....2012	10	-	18	12	35	252
.....\$1,000, 2017	(D)	(D)	157	111	5,371	37,018
.....2012	16	-	76	(D)	1,967	19,825
Fruits and tree nuts						
.....farms, 2017	2	6	11	6	42	200
.....2012	6	-	7	7	30	202
.....\$1,000, 2017	(D)	(D)	60	105	5,287	32,266
.....2012	13	-	20	20	1,936	15,626
Berries						
.....farms, 2017	1	5	7	9	14	100
.....2012	4	-	11	7	5	87
.....\$1,000, 2017	(D)	2	97	6	84	4,752
.....2012	4	-	55	(D)	31	4,200
Nursery, greenhouse, floriculture, and sod (see text)						
.....farms, 2017	2	1	17	14	19	79
.....2012	2	3	20	26	12	88
.....\$1,000, 2017	(D)	(D)	2,164	3,222	730	30,221
.....2012	(D)	(D)	1,628	3,439	(D)	20,819
Cultivated Christmas trees and short rotation woody crops (see text)						
.....farms, 2017	8	-	6	5	3	5
.....2012	12	-	7	7	3	11
.....\$1,000, 2017	4	-	22	10	(D)	188
.....2012	(D)	-	15	(D)	(D)	113
Cultivated Christmas trees (see text)						
.....farms, 2017	8	-	6	5	3	5
.....2012	12	-	7	7	3	11
.....\$1,000, 2017	4	-	22	10	(D)	188
.....2012	(D)	-	15	(D)	(D)	113
Short rotation woody crops						
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Other crops and hay (see text)						
.....farms, 2017	93	38	304	154	49	154
.....2012	87	21	277	174	54	156
.....\$1,000, 2017	3,039	437	3,590	9,237	204	3,344
.....2012	5,108	(D)	2,870	27,193	378	722
Maple syrup						
.....farms, 2017	5	2	16	1	12	10
.....2012	2	2	13	1	10	6
.....\$1,000, 2017	1	(D)	87	(D)	5	8
.....2012	(D)	(D)	76	(D)	25	19
Livestock, poultry, and their products						
.....farms, 2017	72	39	423	113	81	200
.....2012	77	25	440	109	57	201
.....\$1,000, 2017	13,955	919	96,515	13,642	2,159	14,663
.....2012	15,377	690	92,656	8,085	3,077	15,640
Poultry and eggs						
.....farms, 2017	24	11	117	38	38	69
.....2012	19	5	76	32	21	54
.....\$1,000, 2017	8	37	(D)	34	(D)	58
.....2012	12	(D)	(D)	(D)	19	31
Cattle and calves						
.....farms, 2017	48	33	264	56	28	85
.....2012	52	19	276	60	24	87
.....\$1,000, 2017	2,718	829	18,952	1,491	1,201	1,514
.....2012	2,284	(D)	14,287	1,426	1,499	1,492
Milk from cows						
.....farms, 2017	13	-	29	11	-	5
.....2012	18	-	29	9	-	7
.....\$1,000, 2017	11,204	-	71,507	11,212	-	4,193
.....2012	13,039	-	66,145	6,119	-	5,734
Hogs and pigs						
.....farms, 2017	11	2	49	5	8	31
.....2012	5	-	58	8	10	42
.....\$1,000, 2017	16	(D)	(D)	41	(D)	8,576
.....2012	31	-	(D)	150	(D)	7,753
Sheep, goats, wool, mohair, and milk						
.....farms, 2017	2	2	51	12	18	41
.....2012	4	-	67	10	4	51
.....\$1,000, 2017	(D)	(D)	351	45	59	67
.....2012	(D)	-	272	(D)	13	48
Horses, ponies, mules, burros, and donkeys (see text)						
.....farms, 2017	-	3	39	11	4	23
.....2012	1	-	84	14	6	29
.....\$1,000, 2017	-	2	462	757	111	148
.....2012	(D)	-	1,726	75	29	166

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
..... farms, 2017	26	15	7	18	11	19
..... farms, 2012	28	30	14	28	10	47
..... farms, \$1,000, 2017	147	298	(D)	39	(D)	65
..... farms, 2012	75	(D)	(D)	174	30	(D)
Tobacco	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
..... farms, 2012	-	-	-	-	-	-
..... farms, \$1,000, 2017	-	-	-	-	-	-
..... farms, 2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
..... farms, 2012	-	-	-	-	-	-
..... farms, \$1,000, 2017	-	-	-	-	-	-
..... farms, 2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes						
..... farms, 2017	27	66	50	31	23	22
..... farms, 2012	42	35	34	23	24	16
..... farms, \$1,000, 2017	9,395	2,065	18,481	(D)	156	270
..... farms, 2012	(D)	1,794	7,580	598	187	109
Fruits, tree nuts, and berries						
..... farms, 2017	7	39	27	31	28	17
..... farms, 2012	17	17	23	10	17	8
..... farms, \$1,000, 2017	80	271	4,374	1,407	1,422	44
..... farms, 2012	61	288	(D)	1,548	3,127	35
Fruits and tree nuts						
..... farms, 2017	4	27	25	24	18	11
..... farms, 2012	5	7	17	5	5	4
..... farms, \$1,000, 2017	80	154	4,167	1,377	(D)	16
..... farms, 2012	44	(D)	983	(D)	79	9
Berries						
..... farms, 2017	3	18	9	11	10	6
..... farms, 2012	12	13	10	7	12	4
..... farms, \$1,000, 2017	1	117	207	30	(D)	28
..... farms, 2012	17	(D)	(D)	(D)	3,047	26
Nursery, greenhouse, floriculture, and sod (see text)						
..... farms, 2017	12	26	21	17	15	15
..... farms, 2012	16	29	29	14	12	17
..... farms, \$1,000, 2017	8,814	4,014	577	577	158	354
..... farms, 2012	(D)	6,749	2,692	430	241	(D)
Cultivated Christmas trees and short rotation woody crops (see text)						
..... farms, 2017	5	8	2	1	19	8
..... farms, 2012	7	11	7	7	14	3
..... farms, \$1,000, 2017	20	326	(D)	(D)	512	66
..... farms, 2012	37	81	(D)	3	214	(D)
Cultivated Christmas trees (see text)						
..... farms, 2017	5	8	2	1	19	8
..... farms, 2012	7	7	7	6	12	3
..... farms, \$1,000, 2017	20	326	(D)	(D)	512	66
..... farms, 2012	37	38	(D)	(D)	202	(D)
Short rotation woody crops						
..... farms, 2017	-	-	-	-	-	-
..... farms, 2012	-	5	-	1	6	-
..... farms, \$1,000, 2017	-	-	-	-	-	-
..... farms, 2012	-	43	-	(D)	12	-
Other crops and hay (see text)						
..... farms, 2017	183	241	190	103	124	231
..... farms, 2012	167	201	177	109	141	242
..... farms, \$1,000, 2017	1,329	1,153	(D)	1,200	1,542	3,205
..... farms, 2012	1,406	1,199	1,222	1,091	1,198	4,574
Maple syrup						
..... farms, 2017	1	13	9	20	22	11
..... farms, 2012	-	10	6	12	9	14
..... farms, \$1,000, 2017	(D)	11	17	565	551	299
..... farms, 2012	-	17	30	137	(D)	222
Livestock, poultry, and their products						
..... farms, 2017	306	345	238	110	136	190
..... farms, 2012	328	326	264	111	127	196
..... farms, \$1,000, 2017	55,362	44,275	53,552	3,424	2,945	6,652
..... farms, 2012	49,971	47,028	61,485	3,939	3,660	7,331
Poultry and eggs						
..... farms, 2017	92	102	57	43	73	62
..... farms, 2012	91	86	53	26	44	47
..... farms, \$1,000, 2017	(D)	367	1,489	(D)	38	50
..... farms, 2012	1,942	88	(D)	11	(D)	32
Cattle and calves						
..... farms, 2017	192	188	116	54	58	100
..... farms, 2012	183	193	127	70	81	111
..... farms, \$1,000, 2017	6,404	6,744	1,786	912	1,053	2,298
..... farms, 2012	6,404	8,036	2,189	906	1,323	2,840
Milk from cows						
..... farms, 2017	26	22	6	4	7	6
..... farms, 2012	30	26	9	7	5	11
..... farms, \$1,000, 2017	13,380	22,534	2,506	1,747	1,758	2,361
..... farms, 2012	13,868	19,384	1,295	2,682	2,199	2,482
Hogs and pigs						
..... farms, 2017	68	60	52	16	28	32
..... farms, 2012	53	40	50	11	12	21
..... farms, \$1,000, 2017	30,570	14,117	46,884	(D)	38	83
..... farms, 2012	26,620	19,163	57,132	18	21	32
Sheep, goats, wool, mohair, and milk						
..... farms, 2017	45	77	48	27	15	53
..... farms, 2012	55	50	49	17	16	29
..... farms, \$1,000, 2017	312	179	(D)	493	32	566
..... farms, 2012	419	175	(D)	22	45	453
Horses, ponies, mules, burros, and donkeys (see text)						
..... farms, 2017	35	30	24	6	10	22
..... farms, 2012	56	49	51	21	12	42
..... farms, \$1,000, 2017	121	304	(D)	174	11	238
..... farms, 2012	420	128	304	271	34	317

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
.....farms, 2017	47	31	2	17	4	21
.....2012	25	37	3	34	19	19
.....\$1,000, 2017	257	912	(D)	507	(D)	916
.....2012	153	841	(D)	1,027	64	236
Tobacco	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes						
.....farms, 2017	17	32	1	19	10	26
.....2012	20	34	4	22	10	23
.....\$1,000, 2017	95	2,107	(D)	2,752	1,802	891
.....2012	150	2,191	10	2,411	1,502	2,274
Fruits, tree nuts, and berries						
.....farms, 2017	4	16	-	14	8	19
.....2012	9	21	-	11	9	4
.....\$1,000, 2017	16	255	-	173	56	147
.....2012	(D)	270	-	(D)	44	3
Fruits and tree nuts						
.....farms, 2017	1	13	-	10	6	13
.....2012	-	7	-	9	6	-
.....\$1,000, 2017	(D)	(D)	-	122	(D)	(D)
.....2012	-	(D)	-	(D)	(D)	-
Berries						
.....farms, 2017	4	5	-	8	2	11
.....2012	9	14	-	3	3	4
.....\$1,000, 2017	(D)	(D)	-	51	(D)	(D)
.....2012	(D)	(D)	-	(D)	(D)	3
Nursery, greenhouse, floriculture, and sod (see text)						
.....farms, 2017	5	34	-	6	2	20
.....2012	9	37	2	3	4	25
.....\$1,000, 2017	142	2,357	-	628	(D)	1,023
.....2012	96	6,960	(D)	(D)	76	1,240
Cultivated Christmas trees and short rotation woody crops (see text)						
.....farms, 2017	11	10	-	9	2	19
.....2012	11	16	1	9	4	15
.....\$1,000, 2017	67	48	-	99	(D)	282
.....2012	(D)	111	(D)	12	1	99
Cultivated Christmas trees (see text)						
.....farms, 2017	11	10	-	9	2	19
.....2012	11	16	1	9	4	12
.....\$1,000, 2017	67	48	-	99	(D)	282
.....2012	42	111	(D)	12	1	(D)
Short rotation woody crops						
.....farms, 2017	-	-	-	-	-	-
.....2012	2	-	-	-	-	3
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	(D)	-	-	-	-	(D)
Other crops and hay (see text)						
.....farms, 2017	157	215	8	123	67	279
.....2012	167	197	8	113	75	249
.....\$1,000, 2017	1,489	3,946	(D)	1,709	383	1,756
.....2012	1,576	6,016	22	1,754	553	1,876
Maple syrup						
.....farms, 2017	14	8	-	16	5	28
.....2012	15	8	-	7	4	26
.....\$1,000, 2017	145	34	-	20	2	206
.....2012	53	26	-	(D)	1	175
Livestock, poultry, and their products						
.....farms, 2017	200	398	24	116	63	309
.....2012	226	408	22	126	70	411
.....\$1,000, 2017	17,236	152,065	193	4,331	1,993	8,911
.....2012	14,189	140,077	190	7,334	2,727	19,275
Poultry and eggs						
.....farms, 2017	57	107	14	42	15	80
.....2012	70	77	11	28	15	114
.....\$1,000, 2017	19	90	22	23	9	72
.....2012	(D)	57	12	15	9	72
Cattle and calves						
.....farms, 2017	137	242	8	60	27	187
.....2012	128	273	10	92	43	245
.....\$1,000, 2017	6,819	20,090	52	2,185	341	3,326
.....2012	4,328	22,916	113	2,511	926	7,881
Milk from cows						
.....farms, 2017	33	50	-	8	3	22
.....2012	24	66	-	22	6	37
.....\$1,000, 2017	9,950	129,968	-	2,055	1,518	5,034
.....2012	8,715	114,912	-	4,756	1,730	6,521
Hogs and pigs						
.....farms, 2017	19	33	11	11	14	43
.....2012	26	40	2	21	19	39
.....\$1,000, 2017	10	1,295	40	(D)	63	108
.....2012	91	1,619	(D)	32	28	3,776
Sheep, goats, wool, mohair, and milk						
.....farms, 2017	32	87	10	12	5	32
.....2012	35	61	3	7	3	50
.....\$1,000, 2017	193	425	(D)	24	11	165
.....2012	105	240	19	(D)	2	360
Horses, ponies, mules, burros, and donkeys (see text)						
.....farms, 2017	30	27	8	-	9	36
.....2012	59	33	11	5	7	71
.....\$1,000, 2017	159	152	58	-	22	176
.....2012	768	217	27	4	27	527

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
..... farms, 2017	25	25	64	1	30	36
..... 2012	27	17	63	1	37	51
..... \$1,000, 2017	158	405	439	(D)	423	3,720
..... 2012	71	451	1,334	(D)	267	5,501
Tobacco	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
..... \$1,000, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
..... \$1,000, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes						
..... farms, 2017	42	70	18	4	36	28
..... 2012	20	47	17	1	41	24
..... \$1,000, 2017	2,175	3,386	635	13	421	8,924
..... 2012	1,222	2,422	723	(D)	677	5,399
Fruits, tree nuts, and berries						
..... farms, 2017	32	22	9	3	164	9
..... 2012	7	13	9	2	138	5
..... \$1,000, 2017	129	759	138	(D)	19,175	(D)
..... 2012	27	242	(D)	(D)	6,159	(D)
..... Fruits and tree nuts						
..... farms, 2017	24	15	6	3	149	2
..... 2012	5	3	1	1	123	1
..... \$1,000, 2017	116	276	(D)	(D)	18,812	(D)
..... 2012	(D)	6	(D)	(D)	5,973	(D)
..... Berries						
..... farms, 2017	10	17	6	2	21	7
..... 2012	2	10	9	2	23	4
..... \$1,000, 2017	13	483	(D)	(D)	363	18
..... 2012	(D)	236	13	(D)	186	(D)
Nursery, greenhouse, floriculture, and sod (see text)						
..... farms, 2017	32	32	5	2	22	4
..... 2012	28	54	5	3	26	18
..... \$1,000, 2017	2,554	21,594	78	(D)	2,090	(D)
..... 2012	1,558	19,828	486	99	1,359	(D)
Cultivated Christmas trees and short rotation woody crops (see text)						
..... farms, 2017	5	22	8	2	6	4
..... 2012	11	15	7	2	10	4
..... \$1,000, 2017	84	196	19	(D)	33	2
..... 2012	100	71	(D)	(D)	151	(D)
Cultivated Christmas trees (see text)						
..... farms, 2017	5	22	8	2	6	4
..... 2012	10	14	6	2	10	4
..... \$1,000, 2017	84	196	19	(D)	33	2
..... 2012	(D)	(D)	9	(D)	(D)	(D)
Short rotation woody crops						
..... farms, 2017	-	-	-	-	-	-
..... 2012	1	1	1	-	1	-
..... \$1,000, 2017	-	-	-	-	-	-
..... 2012	(D)	(D)	(D)	-	(D)	-
Other crops and hay (see text)						
..... farms, 2017	116	221	190	24	163	168
..... 2012	124	206	185	23	127	163
..... \$1,000, 2017	653	1,546	1,621	99	3,162	10,828
..... 2012	746	5,762	1,808	137	961	(D)
..... Maple syrup						
..... farms, 2017	11	12	5	-	24	8
..... 2012	6	11	4	6	20	8
..... \$1,000, 2017	59	18	14	-	375	13
..... 2012	(D)	14	2	2	134	20
Livestock, poultry, and their products						
..... farms, 2017	135	248	216	31	140	222
..... 2012	146	282	250	24	154	268
..... \$1,000, 2017	2,590	9,523	6,926	530	5,727	159,554
..... 2012	2,280	10,301	5,689	135	4,319	145,942
Poultry and eggs						
..... farms, 2017	56	95	65	19	43	25
..... 2012	46	97	46	12	47	43
..... \$1,000, 2017	53	74	34	6	35	11,265
..... 2012	29	62	29	7	(D)	16,793
Cattle and calves						
..... farms, 2017	73	111	138	16	67	170
..... 2012	96	118	168	14	80	189
..... \$1,000, 2017	802	1,789	2,047	94	2,137	22,642
..... 2012	1,098	2,099	1,909	60	1,595	(D)
Milk from cows						
..... farms, 2017	3	10	20	3	3	32
..... 2012	5	14	37	-	5	32
..... \$1,000, 2017		4,672	4,469	-	214	103,994
..... 2012	1,031	5,305	3,303	-	637	80,950
Hogs and pigs						
..... farms, 2017	24	27	42	8	18	32
..... 2012	15	28	31	3	21	32
..... \$1,000, 2017	49	79	79	39	(D)	21,268
..... 2012	29	25	64	(D)	1,347	(D)
Sheep, goats, wool, mohair, and milk						
..... farms, 2017	18	49	20	9	13	17
..... 2012	18	40	25	1	5	23
..... \$1,000, 2017	83	178	63	32	12	52
..... 2012	41	161	111	(D)	7	64
Horses, ponies, mules, burros, and donkeys (see text)						
..... farms, 2017	6	13	18	2	17	11
..... 2012	16	52	38	2	21	32
..... \$1,000, 2017	15	62	202	(D)	(D)	201
..... 2012	44	722	251	(D)	125	1,504

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
.....farms, 2017	24	19	362	6	22	12
.....2012	44	21	402	8	49	16
.....\$1,000, 2017	(D)	(D)	58,993	95	(D)	(D)
.....2012	111	52	53,460	(D)	469	206
Tobacco	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes						
.....farms, 2017	46	23	31	49	28	9
.....2012	43	24	18	43	30	12
.....\$1,000, 2017	834	320	(D)	886	2,506	26
.....2012	(D)	136	1,134	1,193	3,555	246
Fruits, tree nuts, and berries						
.....farms, 2017	16	33	7	49	23	17
.....2012	10	28	11	20	17	12
.....\$1,000, 2017	1,605	(D)	20	265	1,042	(D)
.....2012	615	242	44	55	1,576	(D)
Fruits and tree nuts						
.....farms, 2017	12	6	3	33	20	9
.....2012	4	10	3	15	14	7
.....\$1,000, 2017	(D)	(D)	(D)	180	948	(D)
.....2012	(D)	53	(D)	39	(D)	(D)
Berries						
.....farms, 2017	6	24	2	19	10	11
.....2012	8	23	8	6	7	6
.....\$1,000, 2017	(D)	274	(D)	85	94	59
.....2012	(D)	190	(D)	16	(D)	64
Nursery, greenhouse, floriculture, and sod (see text)						
.....farms, 2017	19	11	9	33	13	1
.....2012	17	14	16	47	17	7
.....\$1,000, 2017	3,649	355	687	10,451	1,685	(D)
.....2012	(D)	524	372	9,048	2,561	(D)
Cultivated Christmas trees and short rotation woody crops (see text)						
.....farms, 2017	6	2	4	22	10	4
.....2012	9	5	5	20	9	3
.....\$1,000, 2017	75	(D)	(D)	1,697	22	(D)
.....2012	84	3	10	341	74	(D)
Cultivated Christmas trees (see text)						
.....farms, 2017	6	2	4	22	10	4
.....2012	9	5	5	17	6	3
.....\$1,000, 2017	75	(D)	(D)	1,697	22	(D)
.....2012	84	3	10	(D)	44	(D)
Short rotation woody crops						
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	4	4	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	(D)	30	-
Other crops and hay (see text)						
.....farms, 2017	276	83	353	220	255	106
.....2012	225	68	344	208	249	98
.....\$1,000, 2017	2,378	955	65,773	1,516	4,749	1,080
.....2012	1,782	870	103,030	1,980	5,355	1,102
Maple syrup						
.....farms, 2017	5	10	2	12	12	4
.....2012	15	6	-	12	13	2
.....\$1,000, 2017	52	110	(D)	20	38	102
.....2012	44	6	-	101	55	(D)
Livestock, poultry, and their products						
.....farms, 2017	406	69	352	396	394	88
.....2012	498	61	392	384	468	116
.....\$1,000, 2017	80,315	4,015	347,809	40,876	299,048	10,824
.....2012	45,619	1,888	320,221	29,682	277,633	10,857
Poultry and eggs						
.....farms, 2017	70	41	57	154	80	14
.....2012	117	31	43	86	83	20
.....\$1,000, 2017	(D)	91	(D)	530	(D)	(D)
.....2012	99	19	(D)	114	7	15
Cattle and calves						
.....farms, 2017	256	34	275	167	258	54
.....2012	301	32	324	183	311	84
.....\$1,000, 2017	18,788	1,158	125,600	5,311	(D)	2,382
.....2012	14,723	332	129,812	4,845	(D)	2,530
Milk from cows						
.....farms, 2017	41	3	71	31	42	12
.....2012	66	6	88	30	63	16
.....\$1,000, 2017	44,804	2,667	200,349	33,128	70,256	8,233
.....2012	21,776	1,464	162,586	(D)	(D)	8,145
Hogs and pigs						
.....farms, 2017	55	19	30	61	54	7
.....2012	49	12	32	39	52	7
.....\$1,000, 2017	15,871	21	14,234	884	(D)	7
.....2012	8,026	10	(D)	721	26,322	10
Sheep, goats, wool, mohair, and milk						
.....farms, 2017	94	23	34	73	59	15
.....2012	99	10	22	76	53	22
.....\$1,000, 2017	390	70	103	421	206	69
.....2012	498	10	72	623	150	84
Horses, ponies, mules, burros, and donkeys (see text)						
.....farms, 2017	53	3	9	55	28	7
.....2012	70	5	16	65	60	15
.....\$1,000, 2017	318	(D)	34	313	202	68
.....2012	394	33	49	864	318	42

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
farms, 2017	15	66	26	9	11	39
2012	11	67	28	14	11	45
\$1,000, 2017	103	2,463	(D)	(D)	(D)	1,507
2012	105	1,738	(D)	(D)	(D)	(D)
Tobacco	-	-	-	-	-	-
farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
\$1,000, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
\$1,000, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes						
farms, 2017	6	30	54	54	11	79
2012	12	17	37	52	11	79
\$1,000, 2017	2,493	3,369	1,430	1,825	5,503	11,464
2012	2,441	265	928	3,314	5,770	7,936
Fruits, tree nuts, and berries						
farms, 2017	5	19	25	29	16	105
2012	6	13	20	21	6	106
\$1,000, 2017	14	(D)	116	1,238	69	57,928
2012	(D)	(D)	(D)	(D)	22	27,747
Fruits and tree nuts						
farms, 2017	4	7	12	22	11	97
2012	3	4	11	18	-	88
\$1,000, 2017	(D)	(D)	49	1,221	38	57,147
2012	6	(D)	154	1,266	-	27,136
Berries						
farms, 2017	1	15	14	13	8	19
2012	3	10	10	5	6	30
\$1,000, 2017	(D)	98	68	17	31	781
2012	(D)	110	(D)	(D)	22	611
Nursery, greenhouse, floriculture, and sod (see text)						
farms, 2017	1	15	32	97	7	91
2012	1	10	26	80	7	93
\$1,000, 2017	(D)	539	4,800	118,914	557	91,087
2012	(D)	(D)	1,807	114,855	325	85,408
Cultivated Christmas trees and short rotation woody crops (see text)						
farms, 2017	4	2	15	10	23	20
2012	3	7	15	13	16	7
\$1,000, 2017	(D)	(D)	81	82	239	419
2012	(Z)	(D)	(D)	(D)	115	206
Cultivated Christmas trees (see text)						
farms, 2017	4	2	15	10	23	20
2012	3	5	14	11	13	7
\$1,000, 2017	(D)	(D)	81	82	239	419
2012	(Z)	(D)	54	(D)	84	206
Short rotation woody crops						
farms, 2017	-	-	-	-	-	-
2012	-	2	2	2	3	-
\$1,000, 2017	-	-	-	-	-	-
2012	-	(D)	(D)	(D)	31	-
Other crops and hay (see text)						
farms, 2017	71	310	271	178	84	289
2012	68	270	269	144	66	266
\$1,000, 2017	484	4,585	2,051	2,587	811	2,659
2012	479	4,297	2,271	2,168	391	2,994
Maple syrup						
farms, 2017	6	23	11	20	14	14
2012	6	13	2	6	7	13
\$1,000, 2017	86	40	17	10	84	52
2012	2	50	(D)	6	17	96
Livestock, poultry, and their products						
farms, 2017	51	352	388	267	99	441
2012	48	330	424	267	88	465
\$1,000, 2017	418	55,130	27,225	60,471	642	60,428
2012	465	40,972	24,076	49,448	694	51,472
Poultry and eggs						
farms, 2017	16	65	137	79	45	132
2012	16	48	101	63	28	86
\$1,000, 2017	(D)	305	278	32	46	(D)
2012	(D)	80	366	(D)	(D)	(D)
Cattle and calves						
farms, 2017	27	245	213	112	39	232
2012	30	233	212	130	43	252
\$1,000, 2017	347	14,798	6,675	4,094	352	11,317
2012	390	12,547	8,342	3,070	467	10,561
Milk from cows						
farms, 2017	-	49	26	8	1	34
2012	-	41	21	9	-	39
\$1,000, 2017	-	37,100	15,202	34,275	(D)	37,933
2012	-	27,520	12,221	26,914	-	31,609
Hogs and pigs						
farms, 2017	10	43	54	29	40	72
2012	8	23	39	37	15	51
\$1,000, 2017	20	1,340	3,400	20,040	48	6,383
2012	11	(D)	(D)	14,223	22	(D)
Sheep, goats, wool, mohair, and milk						
farms, 2017	13	58	84	61	13	56
2012	2	40	93	44	17	64
\$1,000, 2017	18	(D)	1,032	745	14	(D)
2012	(D)	146	2,019	785	23	87
Horses, ponies, mules, burros, and donkeys (see text)						
farms, 2017	3	19	24	43	3	40
2012	3	40	69	59	9	69
\$1,000, 2017	15	945	(D)	359	35	608
2012	40	211	479	438	115	2,080

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
.....farms, 2017	-	5	30	12	17	4
.....2012	-	9	33	23	12	6
.....\$1,000, 2017	-	7	(D)	(D)	(D)	(D)
.....2012	-	24	351	104	(D)	(D)
Tobacco	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes	-	9	66	58	61	59
.....farms, 2017	-	10	73	32	49	44
.....2012	-	169	10,546	(D)	7,437	4,501
.....\$1,000, 2017	-	(D)	14,595	560	6,573	(D)
.....2012	-	2	43	208	39	32
Fruits, tree nuts, and berries	6	1	21	166	32	12
.....farms, 2017	2	(D)	601	35,292	3,400	329
.....2012	(D)	(D)	(D)	14,487	3,698	124
.....\$1,000, 2017	6	2	39	195	34	22
.....2012	-	1	12	158	25	3
Fruits and tree nuts	1	(D)	450	34,956	3,206	172
.....farms, 2017	6	(D)	334	14,196	3,539	33
.....2012	-	1	8	27	19	16
.....\$1,000, 2017	6	(D)	9	18	14	9
.....2012	1	(D)	151	336	195	157
.....\$1,000, 2017	-	-	(D)	291	159	91
.....2012	-	4	44	41	33	35
Nursery, greenhouse, floriculture, and sod (see text)	-	8	59	35	42	54
.....farms, 2017	-	(D)	6,204	1,295	1,836	4,741
.....2012	-	147	3,982	1,284	2,489	5,300
Cultivated Christmas trees and short rotation woody crops (see text)	-	4	18	7	10	11
.....farms, 2017	-	6	15	12	4	11
.....2012	-	(D)	166	(D)	27	85
.....\$1,000, 2017	-	(D)	(D)	66	4	(D)
.....2012	-	4	18	7	10	11
Cultivated Christmas trees (see text)	-	4	8	12	4	9
.....farms, 2017	-	(D)	166	(D)	27	85
.....2012	-	(D)	73	(D)	(D)	(D)
Short rotation woody crops	-	-	-	-	-	-
.....farms, 2017	-	2	8	1	1	2
.....2012	-	(D)	(D)	(D)	(D)	(D)
.....\$1,000, 2017	-	79	299	104	240	200
.....2012	-	66	335	109	190	195
Other crops and hay (see text)	-	391	3,104	993	3,093	1,882
.....farms, 2017	-	407	5,523	541	1,771	1,602
.....2012	-	2	21	17	9	5
Maple syrup	-	2	15	8	3	3
.....farms, 2017	-	(D)	34	91	7	13
.....2012	-	(D)	88	33	1	2
.....\$1,000, 2017	-	70	436	138	365	294
.....2012	2	77	461	112	394	289
Livestock, poultry, and their products	-	1,892	23,564	2,670	91,823	18,195
.....farms, 2017	(D)	1,772	21,951	2,718	60,511	13,539
.....2012	-	24	130	54	97	135
Poultry and eggs	-	20	110	38	87	90
.....farms, 2017	-	(D)	1,382	(D)	87	100
.....2012	-	5	725	35	34	112
Cattle and calves	-	45	205	33	197	113
.....farms, 2017	-	42	262	45	204	112
.....2012	-	432	11,080	964	20,770	2,092
.....\$1,000, 2017	-	612	10,830	1,551	16,718	2,029
.....2012	-	5	31	5	29	11
Milk from cows	-	2	37	4	25	8
.....farms, 2017	-	1,341	8,900	511	64,395	9,046
.....2012	-	(D)	9,003	599	37,731	9,513
.....\$1,000, 2017	-	9	52	30	48	47
.....2012	-	13	35	15	30	29
Hogs and pigs	-	21	379	107	5,363	(D)
.....farms, 2017	-	14	187	48	(D)	307
.....2012	-	14	100	27	64	59
Sheep, goats, wool, mohair, and milk	-	15	66	8	69	60
.....farms, 2017	-	73	398	(D)	353	197
.....2012	-	29	289	9	181	164
.....\$1,000, 2017	-	7	67	13	38	23
.....2012	2	26	74	28	89	63
Horses, ponies, mules, burros, and donkeys (see text)	-	15	1,179	280	727	156
.....farms, 2017	(D)	100	758	373	3,754	1,310
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
..... farms, 2017	-	3	7	17	6	54
..... 2012	-	7	11	15	10	48
..... \$1,000, 2017	-	(D)	39	65	(D)	232
..... 2012	-	54	(D)	37	(D)	145
Tobacco	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
..... \$1,000, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
..... \$1,000, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes	3	9	64	23	32	48
..... farms, 2017	3	9	64	23	32	48
..... 2012	5	3	66	24	19	44
..... \$1,000, 2017	(D)	(D)	6,530	714	304	5,749
..... 2012	(D)	21	8,924	1,024	127	6,027
Fruits, tree nuts, and berries	2	11	27	30	12	45
..... farms, 2017	2	11	27	30	12	45
..... 2012	1	4	16	25	13	34
..... \$1,000, 2017	(D)	32	(D)	2,056	(D)	7,651
..... 2012	(D)	(D)	(D)	1,457	(D)	6,000
Fruits and tree nuts	2	8	21	22	6	42
..... farms, 2017	2	8	21	22	6	42
..... 2012	1	3	15	14	6	21
..... \$1,000, 2017	(D)	20	4,034	1,708	(D)	7,424
..... 2012	(D)	(D)	960	1,014	(D)	(D)
Berries	-	3	15	16	8	8
..... farms, 2017	-	3	15	16	8	8
..... 2012	-	1	6	15	11	14
..... \$1,000, 2017	-	13	(D)	349	9	228
..... 2012	-	(D)	(D)	442	30	(D)
Nursery, greenhouse, floriculture, and sod (see text)	5	4	52	20	24	15
..... farms, 2017	5	4	52	20	24	15
..... 2012	3	1	76	30	9	13
..... \$1,000, 2017	(D)	37	35,723	1,024	393	4,819
..... 2012	(D)	(D)	20,814	1,447	70	2,233
Cultivated Christmas trees and short rotation woody crops (see text)	2	3	8	9	2	10
..... farms, 2017	2	3	8	9	2	10
..... 2012	3	-	6	20	2	19
..... \$1,000, 2017	(D)	1	(D)	268	(D)	267
..... 2012	(D)	-	(D)	413	(D)	309
Cultivated Christmas trees (see text)	2	3	8	9	2	10
..... farms, 2017	2	3	8	9	2	10
..... 2012	3	-	3	17	2	19
..... \$1,000, 2017	(D)	1	(D)	268	(D)	267
..... 2012	(D)	-	(D)	402	(D)	309
Short rotation woody crops	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
..... 2012	-	-	3	3	-	-
..... \$1,000, 2017	-	-	-	-	-	-
..... 2012	-	-	25	11	-	-
Other crops and hay (see text)	22	45	86	120	57	162
..... farms, 2017	22	45	86	120	57	162
..... 2012	16	50	77	103	44	140
..... \$1,000, 2017	(D)	668	459	492	319	1,560
..... 2012	(D)	931	638	416	517	1,753
Maple syrup	7	5	-	15	7	14
..... farms, 2017	7	5	-	15	7	14
..... 2012	1	9	-	13	5	2
..... \$1,000, 2017	11	364	-	12	17	48
..... 2012	(D)	211	-	39	20	(D)
Livestock, poultry, and their products	43	53	114	105	82	174
..... farms, 2017	43	53	114	105	82	174
..... 2012	18	57	150	123	81	164
..... \$1,000, 2017	438	6,316	10,074	2,522	2,542	23,747
..... 2012	661	4,175	14,861	1,136	1,482	21,191
Poultry and eggs	23	12	45	45	38	59
..... farms, 2017	23	12	45	45	38	59
..... 2012	5	19	49	48	26	50
..... \$1,000, 2017	(D)	5	48	51	77	90
..... 2012	(D)	12	156	(D)	77	56
Cattle and calves	12	27	40	46	33	100
..... farms, 2017	12	27	40	46	33	100
..... 2012	16	36	61	69	42	83
..... \$1,000, 2017	(D)	1,932	(D)	2,122	455	3,853
..... 2012	654	891	12,430	764	593	6,652
Milk from cows	-	6	7	2	5	18
..... farms, 2017	-	6	7	2	5	18
..... 2012	-	4	11	1	1	16
..... \$1,000, 2017	-	4,311	2,995	(D)	1,320	14,518
..... 2012	-	3,180	1,730	(D)	(D)	10,970
Hogs and pigs	12	4	9	11	17	14
..... farms, 2017	12	4	9	11	17	14
..... 2012	5	5	16	30	19	27
..... \$1,000, 2017	(D)	(D)	62	(D)	29	4,942
..... 2012	4	8	57	50	158	(D)
Sheep, goats, wool, mohair, and milk	-	14	23	22	6	17
..... farms, 2017	-	14	23	22	6	17
..... 2012	-	16	23	12	13	24
..... \$1,000, 2017	-	29	91	68	(D)	59
..... 2012	-	62	38	42	46	(D)
Horses, ponies, mules, burros, and donkeys (see text)	2	1	7	4	6	11
..... farms, 2017	2	1	7	4	6	11
..... 2012	-	9	23	12	17	15
..... \$1,000, 2017	(D)	(D)	307	23	20	43
..... 2012	-	20	429	78	194	44

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
.....farms, 2017	80	32	28	23	4	79
.....2012	120	35	33	15	13	104
.....\$1,000, 2017	1,135	371	1,732	131	(D)	6,052
.....2012	1,431	166	(D)	53	(D)	6,883
Tobacco	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes						
.....farms, 2017	55	20	36	17	74	47
.....2012	48	18	28	17	78	72
.....\$1,000, 2017	20,652	65	698	162	27,972	56,215
.....2012	(D)	(D)	838	1,034	34,375	58,213
Fruits, tree nuts, and berries						
.....farms, 2017	19	16	32	9	34	22
.....2012	14	12	13	5	34	20
.....\$1,000, 2017	218	87	(D)	108	686	(D)
.....2012	(D)	19	76	56	630	276
Fruits and tree nuts						
.....farms, 2017	9	15	12	6	23	11
.....2012	1	11	3	-	26	7
.....\$1,000, 2017	162	(D)	(D)	10	554	1,971
.....2012	(D)	(D)	(D)	-	539	134
Berries						
.....farms, 2017	16	2	22	6	15	16
.....2012	13	2	12	5	11	14
.....\$1,000, 2017	56	(D)	118	98	132	(D)
.....2012	(D)	(D)	(D)	56	91	142
Nursery, greenhouse, floriculture, and sod (see text)						
.....farms, 2017	29	4	16	15	55	25
.....2012	23	9	17	23	69	31
.....\$1,000, 2017	352	157	353	4,959	49,704	4,831
.....2012	171	(D)	695	1,021	31,989	4,154
Cultivated Christmas trees and short rotation woody crops (see text)						
.....farms, 2017	5	14	1	39	26	13
.....2012	4	19	5	47	18	21
.....\$1,000, 2017	14	88	(D)	4,959	1,544	(D)
.....2012	(D)	256	2	14,805	75	1,864
Cultivated Christmas trees (see text)						
.....farms, 2017	5	14	1	39	26	13
.....2012	4	18	5	45	15	21
.....\$1,000, 2017	14	88	(D)	4,959	1,544	(D)
.....2012	(D)	(D)	2	14,801	55	1,864
Short rotation woody crops						
.....farms, 2017	-	-	-	-	-	-
.....2012	-	1	-	4	4	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	(D)	-	4	20	-
Other crops and hay (see text)						
.....farms, 2017	328	157	127	160	183	313
.....2012	272	154	102	154	159	321
.....\$1,000, 2017	2,862	1,640	2,731	4,872	1,020	4,159
.....2012	(D)	2,067	4,226	3,953	645	5,037
Maple syrup						
.....farms, 2017	31	15	6	6	4	21
.....2012	19	11	4	8	1	12
.....\$1,000, 2017	147	326	12	2	1	46
.....2012	50	18	5	9	(D)	(D)
Livestock, poultry, and their products						
.....farms, 2017	342	175	191	199	216	411
.....2012	367	186	187	211	245	460
.....\$1,000, 2017	141,265	33,289	20,132	126,695	6,600	51,950
.....2012	67,278	33,488	22,493	94,800	7,852	59,763
Poultry and eggs						
.....farms, 2017	118	46	70	45	78	86
.....2012	82	35	38	49	84	97
.....\$1,000, 2017	569	45	153	133	113	(D)
.....2012	951	23	32	40	166	(D)
Cattle and calves						
.....farms, 2017	226	105	108	139	100	219
.....2012	264	133	113	131	76	300
.....\$1,000, 2017	(D)	3,811	3,280	23,453	4,276	7,627
.....2012	(D)	(D)	(D)	12,055	4,119	11,537
Milk from cows						
.....farms, 2017	62	37	2	56	3	55
.....2012	98	39	2	51	5	79
.....\$1,000, 2017	14,148	28,629	(D)	102,612	1,286	36,184
.....2012	15,435	26,170	(D)	82,365	2,295	42,120
Hogs and pigs						
.....farms, 2017	59	20	28	25	32	40
.....2012	59	21	26	20	38	47
.....\$1,000, 2017	(D)	24	(D)	35	73	6,430
.....2012	(D)	33	1,063	70	96	4,626
Sheep, goats, wool, mohair, and milk						
.....farms, 2017	38	10	26	17	46	70
.....2012	30	10	21	28	37	63
.....\$1,000, 2017	359	18	26	154	147	(D)
.....2012	268	61	78	52	(D)	246
Horses, ponies, mules, burros, and donkeys (see text)						
.....farms, 2017	34	15	8	6	16	37
.....2012	61	15	26	34	43	75
.....\$1,000, 2017	301	29	50	13	122	370
.....2012	1,137	30	145	79	236	349

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
farms, 2017	4	10	28	6	52	21
2012	15	15	29	2	58	31
\$1,000, 2017	(D)	(D)	(D)	6	(D)	(D)
2012	166	67	100	(D)	(D)	812
Tobacco	-	-	-	-	-	-
farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
\$1,000, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
\$1,000, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes						
farms, 2017	10	52	50	65	104	5
2012	3	26	42	42	112	6
\$1,000, 2017	154	3,806	15,568	1,077	39,465	(D)
2012	(D)	3,749	10,308	424	(D)	(D)
Fruits, tree nuts, and berries						
farms, 2017	5	45	41	25	88	4
2012	2	43	24	18	95	4
\$1,000, 2017	2	21,616	9,487	946	26,992	36
2012	(D)	16,107	5,298	253	12,716	26
Fruits and tree nuts						
farms, 2017	4	19	27	8	76	2
2012	2	14	18	14	84	3
\$1,000, 2017	(D)	12,755	9,291	782	26,109	(D)
2012	(D)	4,897	5,142	167	12,080	(D)
Berries						
farms, 2017	1	31	19	20	13	2
2012	-	31	9	7	14	1
\$1,000, 2017	(D)	8,860	195	164	883	(D)
2012	-	11,210	156	85	637	(D)
Nursery, greenhouse, floriculture, and sod (see text)						
farms, 2017	8	37	27	47	7	3
2012	-	34	25	70	20	7
\$1,000, 2017	161	6,652	1,627	13,636	351	(D)
2012	-	5,686	2,096	15,832	3,167	(D)
Cultivated Christmas trees and short rotation woody crops (see text)						
farms, 2017	-	13	14	30	36	1
2012	1	12	8	26	25	2
\$1,000, 2017	-	86	55	851	1,319	(D)
2012	(D)	42	149	367	4,784	(D)
Cultivated Christmas trees (see text)						
farms, 2017	-	13	14	30	36	1
2012	1	10	8	21	25	2
\$1,000, 2017	-	86	55	851	1,319	(D)
2012	(D)	38	149	350	4,784	(D)
Short rotation woody crops						
farms, 2017	-	-	-	-	-	-
2012	-	3	-	5	-	-
\$1,000, 2017	-	-	-	-	-	-
2012	-	5	-	17	-	-
Other crops and hay (see text)						
farms, 2017	84	127	322	115	169	146
2012	60	138	289	98	170	119
\$1,000, 2017	1,325	1,998	2,854	647	1,089	2,753
2012	1,068	3,358	3,317	838	1,643	1,696
Maple syrup						
farms, 2017	5	10	18	5	7	4
2012	2	3	11	9	9	7
\$1,000, 2017	3	12	26	15	63	71
2012	(D)	(Z)	29	8	62	29
Livestock, poultry, and their products						
farms, 2017	78	223	372	159	158	149
2012	86	226	416	185	207	142
\$1,000, 2017	5,556	30,713	80,058	2,689	42,119	37,295
2012	3,837	29,154	68,437	3,243	37,085	32,782
Poultry and eggs						
farms, 2017	26	99	101	73	49	28
2012	28	67	97	70	49	17
\$1,000, 2017	(D)	113	46	65	(D)	(D)
2012	11	123	(D)	143	(D)	9
Cattle and calves						
farms, 2017	47	101	227	30	84	107
2012	68	106	253	39	104	108
\$1,000, 2017	911	7,964	15,224	243	2,438	4,531
2012	844	8,386	9,386	388	(D)	7,126
Milk from cows						
farms, 2017	7	10	49	1	12	43
2012	4	16	56	2	25	38
\$1,000, 2017	4,338	18,232	56,904	(D)	9,306	32,493
2012	2,717	18,673	53,137	(D)	13,318	25,522
Hogs and pigs						
farms, 2017	27	59	39	19	18	11
2012	6	27	50	24	31	12
\$1,000, 2017	46	3,766	(D)	(D)	(D)	(D)
2012	9	1,404	2,563	49	17,930	32
Sheep, goats, wool, mohair, and milk						
farms, 2017	2	35	53	27	32	17
2012	1	24	34	41	24	10
\$1,000, 2017	(D)	(D)	184	88	187	167
2012	(D)	(D)	110	(D)	106	61
Horses, ponies, mules, burros, and donkeys (see text)						
farms, 2017	4	26	38	37	24	1
2012	11	43	79	60	41	6
\$1,000, 2017	16	131	383	1,626	188	(D)
2012	(D)	182	344	505	237	(D)

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
.....farms, 2017	5	28	3	23	35	50
.....2012	11	29	1	15	26	51
.....\$1,000, 2017	2	186	1	218	70	432
.....2012	25	340	(D)	180	404	737
Tobacco	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes						
.....farms, 2017	2	16	6	13	76	17
.....2012	7	18	3	13	90	22
.....\$1,000, 2017	(D)	(D)	(D)	2,490	20,929	5,341
.....2012	9	255	(D)	3,112	14,075	5,141
Fruits, tree nuts, and berries						
.....farms, 2017	2	13	3	10	164	7
.....2012	1	13	4	6	128	9
.....\$1,000, 2017	(D)	(D)	(D)	57	66,201	(D)
.....2012	(D)	61	10	35	45,536	(D)
Fruits and tree nuts						
.....farms, 2017	2	6	1	3	66	4
.....2012	1	9	2	-	30	3
.....\$1,000, 2017	(D)	(D)	(D)	(D)	27,425	49
.....2012	(D)	42	(D)	-	11,709	63
Berries						
.....farms, 2017	-	8	3	8	107	5
.....2012	-	6	2	6	101	6
.....\$1,000, 2017	-	68	(D)	(D)	38,777	(D)
.....2012	-	20	(D)	35	33,827	(D)
Nursery, greenhouse, floriculture, and sod (see text)						
.....farms, 2017	4	8	-	7	128	4
.....2012	2	24	2	7	196	7
.....\$1,000, 2017	855	142	-	258	146,441	(D)
.....2012	(D)	140	(D)	172	186,973	681
Cultivated Christmas trees and short rotation woody crops (see text)						
.....farms, 2017	-	3	-	4	16	-
.....2012	-	10	-	3	24	5
.....\$1,000, 2017	-	(D)	-	43	832	-
.....2012	-	239	-	19	348	(D)
Cultivated Christmas trees (see text)						
.....farms, 2017	-	3	-	4	16	-
.....2012	-	9	-	3	17	5
.....\$1,000, 2017	-	(D)	-	43	832	-
.....2012	-	(D)	-	19	310	(D)
Short rotation woody crops						
.....farms, 2017	-	-	-	-	-	-
.....2012	-	1	-	-	7	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	(D)	-	-	39	-
Other crops and hay (see text)						
.....farms, 2017	74	331	62	81	259	137
.....2012	68	336	39	81	301	109
.....\$1,000, 2017	1,558	4,917	1,000	1,229	2,721	1,371
.....2012	1,228	5,735	617	1,372	2,689	1,110
Maple syrup						
.....farms, 2017	2	18	20	3	11	14
.....2012	-	12	12	4	7	1
.....\$1,000, 2017	(D)	66	486	(D)	15	287
.....2012	-	29	117	(D)	10	(D)
Livestock, poultry, and their products						
.....farms, 2017	41	263	84	70	435	115
.....2012	43	344	93	71	510	128
.....\$1,000, 2017	604	31,868	4,236	1,189	224,698	5,877
.....2012	548	32,674	5,729	1,022	234,096	5,352
Poultry and eggs						
.....farms, 2017	9	57	31	27	92	32
.....2012	9	65	37	26	108	43
.....\$1,000, 2017	3	86	(D)	130	114,138	(D)
.....2012	7	86	27	44	142,585	35
Cattle and calves						
.....farms, 2017	23	176	40	36	293	75
.....2012	27	236	56	41	327	84
.....\$1,000, 2017	400	4,517	669	340	23,243	1,658
.....2012	(D)	4,938	1,629	391	21,961	1,547
Milk from cows						
.....farms, 2017	1	36	18	-	53	14
.....2012	1	59	21	1	66	11
.....\$1,000, 2017	(D)	26,820	3,173	-	61,887	3,828
.....2012	(D)	27,059	3,497	(D)	58,132	3,668
Hogs and pigs						
.....farms, 2017	2	29	21	18	67	10
.....2012	4	42	4	4	59	17
.....\$1,000, 2017	(D)	36	38	54	24,297	(D)
.....2012	9	135	2	(D)	10,377	21
Sheep, goats, wool, mohair, and milk						
.....farms, 2017	1	27	7	11	51	7
.....2012	3	55	8	6	80	11
.....\$1,000, 2017	(D)	217	30	58	422	31
.....2012	24	226	56	(D)	539	(D)
Horses, ponies, mules, burros, and donkeys (see text)						
.....farms, 2017	4	37	13	16	34	8
.....2012	2	34	27	12	57	8
.....\$1,000, 2017	4	62	296	230	562	32
.....2012	(D)	102	473	205	411	22

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
farms, 2017	3	67	16	46	153	4
2012	2	90	33	30	190	4
\$1,000, 2017	(D)	(D)	405	137	16,972	292
2012	(D)	4,576	374	154	16,570	(D)
Tobacco	-	-	-	-	-	-
farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
\$1,000, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
\$1,000, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes						
farms, 2017	4	49	61	53	57	5
2012	2	47	49	55	47	7
\$1,000, 2017	7	14,168	3,856	52,736	1,251	11
2012	(D)	10,393	1,987	34,461	919	(D)
Fruits, tree nuts, and berries	-	37	25	14	24	1
farms, 2017	-	27	15	16	9	4
2012	-	475	96	(D)	154	(D)
\$1,000, 2017	-	429	212	(D)	51	13
2012	-	16	18	9	16	-
farms, 2017	-	11	10	5	3	1
2012	-	49	62	240	92	-
\$1,000, 2017	-	66	89	(D)	7	(D)
2012	-	22	15	8	11	1
farms, 2017	-	20	8	14	8	3
2012	-	426	34	(D)	63	(D)
\$1,000, 2017	-	363	123	(D)	44	(D)
2012	-	-	-	-	-	-
Nursery, greenhouse, floriculture, and sod (see text)						
farms, 2017	4	28	56	13	25	1
2012	5	38	39	16	30	6
\$1,000, 2017	60	6,266	12,398	3,651	3,480	(D)
2012	64	6,959	5,569	2,762	6,284	(D)
Cultivated Christmas trees and short rotation woody crops (see text)						
farms, 2017	1	8	25	1	7	2
2012	1	17	18	6	5	5
\$1,000, 2017	(D)	47	1,038	(D)	24	(D)
2012	(D)	61	81	(D)	17	1
Cultivated Christmas trees (see text)						
farms, 2017	1	8	25	1	7	2
2012	1	15	18	5	5	5
\$1,000, 2017	(D)	47	1,038	(D)	24	(D)
2012	(D)	(D)	81	(D)	17	1
Short rotation woody crops	-	-	-	-	-	-
farms, 2017	-	2	-	1	-	-
2012	-	(D)	-	(D)	-	-
\$1,000, 2017	-	215	337	245	436	18
2012	20	219	287	188	365	23
\$1,000, 2017	223	13,579	3,822	2,900	34,522	180
2012	159	30,897	4,646	2,349	52,354	(D)
Maple syrup						
farms, 2017	2	10	11	7	22	2
2012	4	5	2	7	15	4
\$1,000, 2017	(D)	5	5	(D)	40	(D)
2012	5	14	(D)	6	32	2
Livestock, poultry, and their products						
farms, 2017	28	251	365	339	525	28
2012	20	242	340	362	485	24
\$1,000, 2017	482	20,672	9,184	72,065	163,525	1,082
2012	(D)	20,330	10,065	47,120	140,912	804
Poultry and eggs						
farms, 2017	14	70	149	144	107	6
2012	6	55	87	105	106	4
\$1,000, 2017	(D)	375	114	16,846	220	(D)
2012	3	46	103	4,319	233	(D)
Cattle and calves						
farms, 2017	11	146	167	161	399	17
2012	12	135	192	178	361	18
\$1,000, 2017	215	4,832	3,957	4,751	59,063	875
2012	140	3,998	4,899	6,692	40,592	(D)
Milk from cows						
farms, 2017	-	19	36	36	125	-
2012	-	25	12	38	134	1
\$1,000, 2017	-	11,035	4,329	20,930	100,591	-
2012	-	10,360	4,441	21,815	96,723	(D)
Hogs and pigs						
farms, 2017	2	50	32	61	40	5
2012	-	27	19	69	33	1
\$1,000, 2017	(D)	3,944	(D)	28,598	2,545	4
2012	-	5,428	(D)	12,846	2,247	(D)
Sheep, goats, wool, mohair, and milk						
farms, 2017	4	41	61	45	46	2
2012	2	35	45	70	29	-
\$1,000, 2017	7	40	212	(D)	143	(D)
2012	(D)	40	105	(D)	258	-
Horses, ponies, mules, burros, and donkeys (see text)						
farms, 2017	1	14	29	57	42	-
2012	3	22	52	78	71	1
\$1,000, 2017	(D)	186	335	579	261	-
2012	4	232	262	669	342	(D)

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Crops, including nursery and greenhouse crops - Con.						
Grains, oilseeds, dry beans, and dry peas - Con.						
Other grains, oilseeds, dry beans, and dry peas						
.....farms, 2017	43	217	5	28	2	16
.....2012	37	213	11	33	1	31
.....\$1,000, 2017	(D)	27,504	(D)	(D)	(D)	(D)
.....2012	(D)	27,035	31	76	(D)	95
Tobacco	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes						
.....farms, 2017	30	67	68	111	87	11
.....2012	22	54	85	99	62	16
.....\$1,000, 2017	357	11,498	30,909	3,349	2,131	25
.....2012	365	8,311	28,671	5,328	1,629	259
Fruits, tree nuts, and berries						
.....farms, 2017	13	11	314	61	21	9
.....2012	5	16	307	39	9	14
.....\$1,000, 2017	172	41	87,120	1,015	(D)	103
.....2012	(D)	120	60,033	548	(D)	49
Fruits and tree nuts						
.....farms, 2017	9	5	131	39	18	3
.....2012	2	6	109	21	4	3
.....\$1,000, 2017	(D)	5	15,229	639	66	49
.....2012	(D)	14	9,499	180	(D)	4
Berries						
.....farms, 2017	5	7	220	40	12	8
.....2012	3	12	207	21	7	11
.....\$1,000, 2017	(D)	36	71,891	376	(D)	54
.....2012	(D)	106	50,534	369	9	45
Nursery, greenhouse, floriculture, and sod (see text)						
.....farms, 2017	22	29	51	68	69	10
.....2012	19	22	46	77	71	12
.....\$1,000, 2017	1,210	895	(D)	14,104	18,604	393
.....2012	1,753	593	12,395	11,762	20,925	82
Cultivated Christmas trees and short rotation woody crops (see text)						
.....farms, 2017	6	7	16	31	2	29
.....2012	8	8	14	22	2	30
.....\$1,000, 2017	23	63	(D)	356	(D)	3,631
.....2012	(D)	13	(D)	308	(D)	1,244
Cultivated Christmas trees (see text)						
.....farms, 2017	6	7	16	31	2	29
.....2012	8	6	13	16	2	30
.....\$1,000, 2017	23	63	(D)	356	(D)	3,631
.....2012	(D)	(D)	(D)	266	(D)	1,244
Short rotation woody crops						
.....farms, 2017	-	-	-	-	-	-
.....2012	-	2	1	6	-	-
.....\$1,000, 2017	-	-	-	-	-	-
.....2012	-	(D)	(D)	42	-	-
Other crops and hay (see text)						
.....farms, 2017	215	307	226	378	31	124
.....2012	243	313	200	298	32	128
.....\$1,000, 2017	1,923	16,788	1,720	3,753	111	1,036
.....2012	4,144	33,794	(D)	2,976	112	963
Maple syrup						
.....farms, 2017	3	17	13	24	6	14
.....2012	7	9	13	18	3	17
.....\$1,000, 2017	25	56	7	23	1	38
.....2012	(D)	30	11	(D)	(Z)	21
Livestock, poultry, and their products						
.....farms, 2017	314	383	245	487	80	113
.....2012	351	392	272	477	79	147
.....\$1,000, 2017	31,759	70,639	38,099	21,616	743	9,445
.....2012	31,730	48,180	33,251	20,177	476	4,847
Poultry and eggs						
.....farms, 2017	108	101	108	187	50	34
.....2012	79	108	68	148	39	56
.....\$1,000, 2017	54	(D)	148	308	288	17
.....2012	62	(D)	(D)	199	241	(D)
Cattle and calves						
.....farms, 2017	149	238	95	183	12	64
.....2012	197	270	152	161	16	74
.....\$1,000, 2017	5,203	15,669	2,378	9,222	85	1,515
.....2012	5,524	(D)	3,178	7,903	61	1,183
Milk from cows						
.....farms, 2017	22	44	7	26	-	17
.....2012	25	38	14	25	-	17
.....\$1,000, 2017	26,090	37,108	25,213	8,747	-	4,676
.....2012	24,731	23,503	25,491	7,979	-	2,831
Hogs and pigs						
.....farms, 2017	50	34	44	37	15	22
.....2012	59	43	33	48	14	8
.....\$1,000, 2017	107	13,179	7,453	244	(D)	20
.....2012	210	1,509	3,180	1,257	15	9
Sheep, goats, wool, mohair, and milk						
.....farms, 2017	66	44	45	115	32	18
.....2012	64	29	34	127	16	11
.....\$1,000, 2017	176	(D)	(D)	2,027	56	33
.....2012	248	112	268	1,488	29	30
Horses, ponies, mules, burros, and donkeys (see text)						
.....farms, 2017	24	40	21	56	6	11
.....2012	62	45	22	105	17	26
.....\$1,000, 2017	109	(D)	97	633	81	53
.....2012	913	317	222	1,070	88	83

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture farms, 2017	57	3	-	-	-	7
2012	70	2	-	-	-	4
\$1,000, 2017	8,834	169	-	-	-	(D)
2012	3,982	(D)	-	-	-	(D)
Other animals and other animal products (see text) farms, 2017	1,626	7	12	37	7	8
2012	1,451	5	9	36	6	9
\$1,000, 2017	32,700	511	(D)	2,013	1	108
2012	25,914	(D)	4	1,661	(D)	171
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) farms, 2017						
2012	5,669	21	51	154	55	58
\$1,000, 2017	6,243	28	28	166	69	85
2012	90,677	93	218	2,801	316	919
2012	58,793	64	111	1,782	141	657
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) farms, 2017						
2012	1,029	-	19	39	5	18
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	235,827	-	329	75,605	17	622
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) farms, 2017						
2012	1,450	8	10	42	14	20
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	47,857	6	12	(D)	154	1,031
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture farms, 2017	-	1	-	-	-	-
2012	-	1	-	-	-	-
\$1,000, 2017	-	(D)	-	-	-	-
2012	-	(D)	-	-	-	-
Other animals and other animal products (see text) farms, 2017	6	4	24	13	14	22
2012	1	1	25	10	9	27
\$1,000, 2017	(D)	2	231	62	727	108
2012	(D)	(D)	151	208	(D)	415
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) farms, 2017						
2012	17	10	95	66	55	170
\$1,000, 2017	32	11	114	77	40	159
2012	18	102	1,927	623	297	10,237
2012	73	15	1,446	746	320	5,878
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) farms, 2017						
2012	2	4	7	17	12	40
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	(D)	15	161	874	132	23,993
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) farms, 2017						
2012	6	5	26	14	22	30
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	4	11	966	136	154	7,044
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture .....farms, 2017	-	-	1	-	-	6
2012	-	-	1	-	-	4
\$1,000, 2017	-	-	(D)	-	-	958
2012	-	-	(D)	-	-	(D)
Other animals and other animal products (see text) .....farms, 2017	18	24	24	9	6	15
2012	22	21	26	15	11	16
\$1,000, 2017	245	31	460	39	15	98
2012	298	54	310	28	(D)	(D)
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) .....farms, 2017						
2012	65	98	68	67	49	54
\$1,000, 2017	77	102	84	45	55	53
2012	1,085	852	1,210	658	666	494
2012	599	578	745	351	173	203
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) .....farms, 2017						
2012	13	21	17	10	5	11
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	237	301	2,233	249	(D)	128
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) .....farms, 2017						
2012	24	14	10	9	8	15
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	57	84	412	203	51	329
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture .....farms, 2017	-	-	-	1	-	-
2012	2	-	-	1	-	-
\$1,000, 2017	-	-	-	(D)	-	-
2012	(D)	-	-	(D)	-	-
Other animals and other animal products (see text) .....farms, 2017	21	24	2	12	11	38
2012	10	26	4	1	9	35
\$1,000, 2017	85	46	(D)	24	30	29
2012	(D)	116	(D)	(D)	5	138
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) .....farms, 2017						
2012	40	107	8	35	21	88
\$1,000, 2017	52	119	9	35	15	118
2012	259	648	84	203	233	469
2012	130	560	16	434	39	466
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) .....farms, 2017						
2012	2	15	-	4	7	12
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	(D)	413	-	(D)	37	91
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) .....farms, 2017						
2012	15	38	4	21	6	19
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	(D)	116	(D)	101	45	199
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture farms, 2017	3	-	-	3	-	-
2012	1	-	-	1	-	-
\$1,000, 2017	(D)	-	-	354	-	-
2012	(D)	-	-	(D)	-	-
Other animals and other animal products (see text) farms, 2017	7	35	5	5	18	9
2012	8	46	12	3	11	16
\$1,000, 2017	34	2,668	32	(D)	1,525	130
2012	(D)	1,928	24	1	(D)	159
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) farms, 2017						
2012	52	108	55	15	81	33
\$1,000, 2017	1,781	1,593	522	60	3,134	948
2012	1,214	1,175	367	24	947	512
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) farms, 2017						
2012	16	8	3	1	23	9
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	761	61	10	(D)	2,353	546
	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) farms, 2017						
2012	26	21	5	5	34	4
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	360	283	(D)	4	10,145	(D)
	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture farms, 2017	2	-	-	-	1	1
2012	-	-	-	1	-	1
\$1,000, 2017	(D)	-	-	-	(D)	(D)
2012	-	-	-	(D)	-	(D)
Other animals and other animal products (see text) farms, 2017	24	5	12	51	17	4
2012	40	9	13	42	15	6
\$1,000, 2017	100	(D)	(D)	288	59	(D)
2012	104	19	350	(D)	32	(D)
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) farms, 2017						
2012	82	47	47	121	88	31
\$1,000, 2017	1,218	342	664	494	847	104
2012	846	220	300	573	646	158
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) farms, 2017						
2012	12	9	10	25	7	-
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	(D)	48	734	30	(D)	-
	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) farms, 2017						
2012	21	6	6	41	20	5
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	557	8	419	359	34	6
	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture .....farms, 2017	-	-	1	-	2	2
2012	2	1	6	-	3	1
\$1,000, 2017	-	-	(D)	-	(D)	(D)
2012	(D)	(D)	(D)	-	18	(D)
Other animals and other animal products (see text) .....farms, 2017	2	17	49	28	6	41
2012	1	19	38	34	8	37
\$1,000, 2017	(D)	(D)	170	926	3	(D)
2012	(D)	(D)	371	(D)	(D)	679
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) .....farms, 2017						
2012	13	74	108	104	33	192
\$1,000, 2017	17	87	109	111	27	189
2012	46	831	1,234	984	160	3,625
	31	563	1,021	722	54	3,015
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) .....farms, 2017						
2012	10	9	11	12	7	38
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	1,442	926	477	144	(D)	18,278
	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) .....farms, 2017						
2012	5	22	28	34	7	58
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	2	588	138	396	(D)	1,273
	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture .....farms, 2017	-	1	1	-	-	-
2012	-	1	1	-	-	4
\$1,000, 2017	-	(D)	(D)	-	-	-
2012	-	(D)	(D)	-	-	2
Other animals and other animal products (see text) .....farms, 2017	-	2	57	18	37	38
2012	-	3	39	9	50	22
\$1,000, 2017	-	(D)	(D)	404	128	(D)
2012	-	(D)	(D)	103	147	103
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) .....farms, 2017						
2012	6	13	143	114	107	110
\$1,000, 2017	-	21	181	77	127	109
2012	(Z)	46	2,247	2,706	1,065	545
	-	60	3,905	535	919	496
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) .....farms, 2017						
2012	-	-	24	43	22	16
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	-	-	1,037	1,612	(D)	2,553
	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) .....farms, 2017						
2012	-	4	29	45	27	17
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	-	21	203	6,518	548	238
	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture farms, 2017	-	1	1	-	2	-
2012	-	-	-	2	-	1
\$1,000, 2017	-	(D)	(D)	-	(D)	-
2012	-	-	-	(D)	-	(D)
Other animals and other animal products (see text) farms, 2017	-	5	16	15	12	25
2012	1	7	17	6	13	15
\$1,000, 2017	-	10	177	50	599	243
2012	(D)	2	20	43	(D)	(D)
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) farms, 2017						
2012	2	15	75	63	52	63
\$1,000, 2017	(D)	16	92	52	43	71
2012	26	35	6,509	538	388	611
		90	3,643	607	217	326
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) farms, 2017						
2012	-	5	6	14	9	14
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) farms, 2017						
2012	1	6	14	24	10	14
\$1,000, 2017	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	(NA)	31	642	309	23	186
		(NA)	(NA)	(NA)	(NA)	(NA)

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture farms, 2017	-	-	1	-	-	1
2012	2	-	-	-	1	1
\$1,000, 2017	-	-	(D)	-	-	(D)
2012	(D)	-	-	-	(D)	(D)
Other animals and other animal products (see text) farms, 2017	52	14	13	15	30	57
2012	30	17	10	21	36	36
\$1,000, 2017	646	733	47	294	583	1,069
2012	(D)	(D)	92	138	77	753
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) farms, 2017						
2012	97	40	77	47	83	96
\$1,000, 2017	88	39	66	45	112	113
2012	941	100	469	440	2,486	1,143
	590	126	202	153	1,301	733
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) farms, 2017						
2012	5	10	11	14	10	8
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	27	303	173	306	4,901	168
	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) farms, 2017						
2012	26	9	29	15	18	30
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	213	13	137	229	398	566
	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture .....farms, 2017	-	1	3	-	-	-
2012	-	1	1	1	-	3
\$1,000, 2017	-	(D)	(D)	-	-	-
2012	-	(D)	(D)	(D)	-	10
Other animals and other animal products (see text) .....farms, 2017	2	19	23	28	9	13
2012	3	21	35	20	21	3
\$1,000, 2017	(D)	374	(D)	342	(D)	71
2012	(D)	176	(D)	1,160	66	(D)
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) .....farms, 2017						
2012	25	90	85	71	68	31
\$1,000, 2017	17	63	124	94	84	31
2012	117	2,935	872	1,527	1,281	129
2012	78	390	781	513	880	83
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) .....farms, 2017						
2012	1	9	25	4	20	2
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	(D)	(D)	8,215	28	8,840	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) .....farms, 2017						
2012	5	11	19	41	17	8
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	3	(D)	116	959	676	9
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	2	3	1
\$1,000, 2017	-	-	-	-	-	-
2012	-	-	-	(D)	2	(D)
Other animals and other animal products (see text) .....farms, 2017	11	14	8	11	27	17
2012	3	31	16	8	24	4
\$1,000, 2017	39	130	(D)	376	150	301
2012	(D)	128	45	232	90	38
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) .....farms, 2017						
2012	12	42	23	22	149	38
\$1,000, 2017	10	83	23	25	188	48
2012	236	183	180	69	4,657	300
2012	26	325	138	164	3,184	259
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) .....farms, 2017						
2012	3	6	4	-	67	12
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	(D)	(D)	160	-	26,225	37
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) .....farms, 2017						
2012	8	14	5	3	23	13
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	64	204	8	(D)	391	139
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

Table 2. Market Value of Agricultural Products Sold Including Food Marketing Practices and Value-Added Products: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture farms, 2017	-	-	1	-	-	1
2012	-	-	1	-	-	-
\$1,000, 2017	-	-	(D)	-	-	(D)
2012	-	-	(D)	-	-	-
Other animals and other animal products (see text) farms, 2017	2	19	28	32	57	2
2012	1	25	27	25	27	3
\$1,000, 2017	(D)	260	91	(D)	702	(D)
2012	(D)	226	150	(D)	518	3
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) farms, 2017						
2012	10	47	125	92	105	10
\$1,000, 2017	8	95	137	90	96	12
2012	20	624	842	784	1,363	(D)
2012	17	744	1,076	516	543	23
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) farms, 2017						
2012	-	8	10	9	13	-
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	-	66	27	524	543	-
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) farms, 2017						
2012	-	8	34	11	18	1
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	-	68	296	217	144	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (SEE TEXT) - Con.						
Total sales (see text) - Con.						
Value of sales by commodity or commodity group: - Con.						
Livestock, poultry, and their products - Con.						
Aquaculture farms, 2017	1	-	2	2	2	2
2012	1	-	3	3	4	1
\$1,000, 2017	(D)	-	(D)	(D)	(D)	(D)
2012	(D)	-	(D)	(D)	5	(D)
Other animals and other animal products (see text) farms, 2017	17	26	28	86	31	17
2012	25	27	12	35	24	7
\$1,000, 2017	(D)	142	(D)	(D)	201	(D)
2012	(D)	198	20	(D)	37	383
FOOD MARKETING PRACTICES (SEE TEXT)						
Value of food sold directly to consumers (see text) farms, 2017						
2012	84	110	146	228	77	40
\$1,000, 2017	114	140	182	183	74	60
2012	503	1,829	3,468	3,653	1,541	261
2012	504	1,143	2,680	1,786	888	209
Value of agricultural products sold directly to retail markets, institutions, and food hubs for local or regionally branded products (see text) farms, 2017						
2012	5	14	51	43	18	4
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	18	74	30,610	381	382	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
VALUE-ADDED PRODUCTS SOLD (SEE TEXT)						
Value of processed or value-added agricultural products sold (see text) farms, 2017						
2012	12	14	51	53	31	4
\$1,000, 2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2012	24	75	770	439	81	3
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Table 3. Farm Production Expenses: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Total farm production expenses .....farms, 2017	47,641	223	126	1,172	415	333
2012	52,194	235	93	1,396	458	415
\$1,000, 2017	7,208,181	10,585	4,388	492,678	20,991	29,311
2012	6,942,117	10,631	2,788	499,507	21,042	24,255
Average per farm .....dollars, 2017	151,302	47,467	34,823	420,373	50,581	88,022
2012	133,006	45,239	29,982	357,813	45,944	58,445
Fertilizer, lime, and soil conditioners purchased .....farms, 2017	25,277	87	54	648	175	195
2012	26,149	91	42	682	212	199
\$1,000, 2017	592,379	508	156	17,630	1,726	2,331
2012	785,135	795	210	25,207	1,817	2,343
Chemicals purchased .....farms, 2017	21,160	61	31	545	99	157
2012	25,051	73	39	650	173	187
\$1,000, 2017	360,374	142	35	11,644	649	3,415
2012	362,470	209	57	12,016	638	2,318
Seeds, plants, vines, and trees purchased .....farms, 2017	20,784	63	62	503	134	142
2012	24,913	93	37	620	195	164
\$1,000, 2017	604,053	694	211	17,438	1,456	1,751
2012	600,433	456	103	23,149	1,040	1,526
Cover crop seed purchased (see text) .....farms, 2017	4,189	14	19	91	53	46
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	9,812	21	6	206	72	8
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased .....farms, 2017	11,498	38	45	375	106	72
2012	12,053	53	34	363	130	86
\$1,000, 2017	390,358	(D)	158	34,699	414	724
2012	326,573	438	164	39,541	365	858
Breeding livestock purchased or leased .....farms, 2017	4,570	21	21	146	46	14
2012	4,980	21	18	177	49	27
\$1,000, 2017	87,771	(D)	57	4,582	201	68
2012	79,605	168	92	4,087	205	87
Other livestock and poultry purchased or leased .....farms, 2017	8,630	18	38	284	83	64
2012	8,785	38	21	261	97	71
\$1,000, 2017	302,587	123	101	30,117	213	656
2012	246,968	270	73	35,454	161	771
Feed purchased .....farms, 2017	22,882	105	76	685	222	134
2012	24,389	123	59	721	267	159
\$1,000, 2017	1,269,333	2,197	799	179,919	4,772	1,805
2012	1,240,433	2,368	524	188,878	3,769	1,910
Gasoline, fuels, and oils purchased .....farms, 2017	45,095	209	121	1,133	402	329
2012	49,756	225	86	1,343	445	393
\$1,000, 2017	313,479	746	306	13,324	1,473	1,777
2012	397,260	826	252	16,046	1,877	1,797
Utilities .....farms, 2017	32,201	146	79	833	291	227
2012	33,863	160	71	968	301	231
\$1,000, 2017	190,561	383	253	11,898	684	1,037
2012	159,587	324	125	10,900	692	845
Repairs, supplies, and maintenance costs .....farms, 2017	39,756	189	121	973	334	281
2012	42,041	184	79	1,133	366	318
\$1,000, 2017	524,438	1,427	441	23,053	1,606	2,511
2012	482,696	1,179	277	21,304	1,747	1,637
Hired farm labor .....farms, 2017	11,907	32	20	360	69	99
2012	13,620	60	16	405	98	131
\$1,000, 2017	952,388	909	500	68,966	2,659	6,768
2012	744,744	1,017	336	53,713	1,414	4,983
Contract labor .....farms, 2017	3,245	8	4	114	10	32
2012	3,906	9	5	133	26	49
\$1,000, 2017	109,346	(D)	50	9,066	140	212
2012	71,648	124	(D)	5,066	93	427
Customwork and custom hauling .....farms, 2017	9,567	29	9	261	59	31
2012	10,726	33	9	330	103	51
\$1,000, 2017	165,370	519	46	5,393	471	107
2012	147,478	302	42	4,605	554	335
Cash rent for land, buildings, and grazing fees .....farms, 2017	12,268	51	30	330	82	49
2012	13,999	57	27	362	124	65
\$1,000, 2017	486,995	572	453	17,689	734	940
2012	470,091	770	179	19,655	2,782	814
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....farms, 2017	3,900	4	6	105	26	34
2012	3,758	12	2	122	23	18
\$1,000, 2017	54,493	(D)	5	1,703	70	302
2012	53,824	28	(D)	3,314	87	157
Interest expense .....farms, 2017	16,660	53	41	400	122	117
2012	20,346	89	26	494	182	151
\$1,000, 2017	297,871	325	276	12,768	1,220	1,373
2012	293,485	545	91	11,800	1,810	1,600
Secured by real estate .....farms, 2017	13,505	44	30	324	103	83
2012	16,443	75	15	391	159	123
\$1,000, 2017	212,045	281	147	9,280	891	1,077
2012	208,958	425	76	8,162	1,389	1,142
Not secured by real estate .....farms, 2017	9,651	34	30	227	70	71
2012	11,124	48	17	280	92	74
\$1,000, 2017	85,827	44	129	3,488	329	297
2012	84,527	120	16	3,638	420	457
Property taxes paid .....farms, 2017	45,697	220	122	1,128	409	329
2012	50,155	229	89	1,344	448	398
\$1,000, 2017	250,626	591	321	8,214	1,368	1,894
2012	217,503	560	218	7,066	1,080	1,229

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Total farm production expenses farms, 2017	350	65	938	726	197	872
2012	421	57	1,031	766	181	1,063
\$1,000, 2017	35,772	1,517	116,680	98,323	10,740	144,640
2012	36,018	1,638	106,949	108,883	8,962	142,329
Average per farm dollars, 2017	102,205	23,343	124,392	135,431	54,519	165,871
2012	85,552	28,737	103,733	142,145	49,512	133,894
Fertilizer, lime, and soil conditioners purchased farms, 2017	189	23	414	455	120	571
2012	168	23	371	472	96	627
\$1,000, 2017	4,654	119	6,635	16,349	411	11,173
2012	6,318	201	9,246	24,159	513	13,975
Chemicals purchased farms, 2017	164	16	339	437	84	539
2012	162	23	364	496	97	660
\$1,000, 2017	2,054	53	3,536	8,797	1,063	11,773
2012	1,979	(D)	3,696	8,324	723	11,590
Seeds, plants, vines, and trees purchased farms, 2017	155	25	293	429	98	420
2012	168	25	375	502	78	531
\$1,000, 2017	4,180	211	6,850	14,682	442	13,553
2012	3,248	75	6,845	14,531	438	13,659
Cover crop seed purchased (see text) farms, 2017	22	4	54	103	30	73
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	102	1	109	413	7	79
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	44	19	264	73	43	131
2012	59	16	287	92	35	142
\$1,000, 2017	411	68	6,122	576	525	4,052
2012	302	89	4,242	367	945	2,739
Breeding livestock purchased or leased farms, 2017	17	5	117	31	5	35
2012	27	7	130	25	8	65
\$1,000, 2017	142	57	2,886	398	8	290
2012	186	39	2,374	82	65	559
Other livestock and poultry purchased or leased farms, 2017	37	14	191	48	41	112
2012	39	10	190	74	33	87
\$1,000, 2017	269	11	3,236	178	517	3,762
2012	116	50	1,868	285	881	2,180
Feed purchased farms, 2017	92	38	547	156	89	263
2012	110	33	586	167	70	327
\$1,000, 2017	4,046	89	31,941	1,823	331	4,875
2012	5,058	251	27,975	2,040	633	7,179
Gasoline, fuels, and oils purchased farms, 2017	307	63	886	672	173	824
2012	383	57	986	741	180	1,036
\$1,000, 2017	2,741	98	4,205	6,761	489	5,353
2012	3,129	142	5,175	9,012	564	7,902
Utilities farms, 2017	212	41	594	485	143	616
2012	212	41	622	528	141	724
\$1,000, 2017	771	72	3,194	2,273	375	3,524
2012	692	60	2,848	2,215	239	2,808
Repairs, supplies, and maintenance costs farms, 2017	268	59	773	616	168	728
2012	298	51	794	636	158	864
\$1,000, 2017	3,649	141	8,422	9,958	987	9,030
2012	3,427	137	7,338	11,249	707	11,769
Hired farm labor farms, 2017	67	10	196	178	43	280
2012	76	15	203	206	58	404
\$1,000, 2017	3,382	75	11,988	6,149	3,202	36,975
2012	3,037	197	10,501	6,038	1,775	31,100
Contract labor farms, 2017	11	4	74	34	23	115
2012	17	-	74	57	23	131
\$1,000, 2017	(D)	19	1,305	357	401	3,356
2012	177	-	586	327	119	2,481
Customwork and custom hauling farms, 2017	83	6	217	150	32	194
2012	85	3	216	168	18	242
\$1,000, 2017	716	3	4,251	1,183	416	3,337
2012	643	(D)	4,336	1,258	296	2,721
Cash rent for land, buildings, and grazing fees farms, 2017	112	11	220	281	19	237
2012	106	10	246	298	27	271
\$1,000, 2017	2,350	158	8,381	12,060	174	10,269
2012	2,952	86	6,288	12,947	232	8,808
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	40	3	71	62	26	81
2012	32	1	50	89	17	75
\$1,000, 2017	(D)	1	612	745	76	820
2012	157	(D)	591	1,059	70	609
Interest expense farms, 2017	124	22	346	321	64	293
2012	168	11	383	351	56	413
\$1,000, 2017	1,291	114	4,043	5,215	494	4,852
2012	1,517	138	5,657	5,076	661	7,625
Secured by real estate farms, 2017	102	18	276	262	43	236
2012	138	10	332	284	51	322
\$1,000, 2017	856	68	3,005	3,820	312	3,800
2012	1,154	83	4,445	3,384	579	5,943
Not secured by real estate farms, 2017	59	10	207	168	36	157
2012	80	6	171	195	23	226
\$1,000, 2017	435	46	1,038	1,395	182	1,052
2012	363	55	1,212	1,692	81	1,682
Property taxes paid farms, 2017	339	65	900	685	186	830
2012	402	55	1,001	735	176	1,023
\$1,000, 2017	1,847	179	4,086	4,971	538	4,926
2012	1,215	136	3,543	4,349	418	4,388

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa	
Total farm production expenses	farms, 2017	789	958	747	271	330	427
	2012	1,054	1,023	798	297	313	409
	\$1,000, 2017	140,272	107,115	136,525	7,005	7,810	10,790
Average per farm	2012	137,658	120,040	139,970	8,957	11,016	11,464
	dollars, 2017	177,785	111,811	182,765	25,850	23,667	25,270
	2012	130,605	117,341	175,401	30,157	35,194	28,028
Fertilizer, lime, and soil conditioners purchased	farms, 2017	466	517	421	119	120	131
	2012	515	543	429	143	121	104
	\$1,000, 2017	16,277	11,904	12,860	777	532	303
Chemicals purchased	2012	20,342	16,835	16,680	953	493	259
	farms, 2017	398	449	365	87	89	45
	2012	514	520	406	130	88	78
Seeds, plants, vines, and trees purchased	\$1,000, 2017	8,040	5,665	9,687	303	70	33
	2012	7,799	5,687	8,380	436	197	36
	farms, 2017	400	407	357	90	109	105
Cover crop seed purchased (see text)	2012	486	542	382	126	108	134
	\$1,000, 2017	15,374	12,837	13,540	484	233	154
	2012	17,188	12,590	11,618	386	212	196
Livestock and poultry purchased or leased	farms, 2017	54	74	57	22	19	24
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2017	183	144	183	90	6	12
Breeding livestock purchased or leased	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	farms, 2017	211	205	169	78	86	107
	2012	229	230	183	74	79	115
Other livestock and poultry purchased or leased	\$1,000, 2017	11,267	3,244	6,972	318	252	535
	2012	6,743	4,465	5,487	247	272	891
	farms, 2017	82	84	72	20	24	38
Feed purchased	2012	75	85	80	29	25	58
	\$1,000, 2017	1,677	253	1,041	28	180	157
	2012	648	861	1,488	125	102	473
Gasoline, fuels, and oils purchased	farms, 2017	159	154	112	75	64	83
	2012	188	168	127	59	62	78
	\$1,000, 2017	9,590	2,991	5,931	290	72	378
Utilities	2012	6,095	3,604	3,999	122	170	418
	farms, 2017	388	470	364	141	188	219
	2012	449	493	392	144	164	220
Repairs, supplies, and maintenance costs	\$1,000, 2017	16,976	13,544	21,396	810	1,451	1,749
	2012	19,142	18,952	36,728	1,005	1,496	2,898
	farms, 2017	746	895	701	253	325	409
Contract labor	2012	982	982	764	292	306	389
	\$1,000, 2017	7,306	4,747	5,941	470	562	827
	2012	8,888	7,192	8,596	706	962	1,060
Customwork and custom hauling	farms, 2017	521	615	489	180	206	276
	2012	662	672	506	188	200	270
	\$1,000, 2017	3,949	3,108	3,875	328	304	483
Hired farm labor	2012	3,473	2,983	3,293	350	347	615
	farms, 2017	660	782	602	208	274	339
	2012	813	841	634	247	245	332
Cash rent for land, buildings, and grazing fees	\$1,000, 2017	10,636	8,610	7,766	688	1,051	1,391
	2012	10,032	9,380	7,696	1,011	1,150	1,235
	farms, 2017	184	200	171	57	44	78
Rent and lease expenses for machinery, equipment, and farm share of vehicles	2012	250	261	178	58	77	114
	\$1,000, 2017	10,249	11,133	13,798	622	781	1,403
	2012	8,465	9,786	9,766	904	1,314	880
Interest expense	farms, 2017	81	42	51	20	7	15
	2012	90	97	68	21	20	21
	\$1,000, 2017	1,281	518	1,064	136	14	35
Secured by real estate	2012	708	598	590	104	41	57
	farms, 2017	219	178	179	30	27	39
	2012	280	228	208	36	25	52
Not secured by real estate	\$1,000, 2017	3,056	2,487	3,148	146	72	101
	2012	2,439	2,242	4,450	63	240	104
	farms, 2017	234	237	233	39	46	88
Property taxes paid	2012	299	299	225	45	44	97
	\$1,000, 2017	15,668	9,318	13,327	166	448	713
	2012	12,275	9,476	7,989	612	273	718
Property taxes paid	farms, 2017	83	42	69	5	5	10
	2012	65	56	48	5	11	10
	\$1,000, 2017	1,284	855	980	6	21	17
Secured by real estate	2012	1,746	753	1,444	12	184	27
	farms, 2017	350	343	269	58	51	131
	2012	524	450	326	101	102	159
Not secured by real estate	\$1,000, 2017	7,136	5,603	6,483	338	185	879
	2012	7,008	6,175	6,151	758	1,042	981
	farms, 2017	271	291	211	45	36	112
Property taxes paid	2012	434	377	278	81	83	127
	\$1,000, 2017	5,347	4,016	4,425	289	108	630
	2012	5,273	4,502	5,182	462	676	754
Property taxes paid	farms, 2017	217	189	138	36	27	82
	2012	287	225	162	49	58	115
	\$1,000, 2017	1,788	1,588	2,058	49	76	249
Property taxes paid	2012	1,735	1,673	969	296	366	228
	farms, 2017	758	933	715	257	317	416
	2012	1,012	979	766	288	302	405
Property taxes paid	\$1,000, 2017	4,568	5,167	5,365	756	628	1,128
	2012	4,198	4,665	3,825	821	766	885

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Total farm production expenses farms, 2017	396	1,017	45	253	158	962
2012	460	1,128	49	283	162	1,163
\$1,000, 2017	20,050	210,457	720	10,159	4,647	71,275
2012	17,878	199,709	724	12,185	5,457	90,254
Average per farm dollars, 2017	50,631	206,939	16,006	40,154	29,411	74,091
2012	38,865	177,047	14,770	43,058	33,683	77,604
Fertilizer, lime, and soil conditioners purchased farms, 2017	165	559	18	94	50	537
2012	164	594	14	135	68	589
\$1,000, 2017	767	14,801	16	939	284	11,631
2012	1,181	22,197	15	1,297	541	17,207
Chemicals purchased farms, 2017	90	508	10	54	51	465
2012	126	619	9	111	52	562
\$1,000, 2017	235	7,341	2	437	215	5,668
2012	325	7,260	2	484	236	6,371
Seeds, plants, vines, and trees purchased farms, 2017	101	490	5	67	60	462
2012	155	613	12	131	54	565
\$1,000, 2017	695	13,837	2	515	316	11,052
2012	800	15,932	9	553	435	11,378
Cover crop seed purchased (see text) farms, 2017	23	77	1	16	26	63
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	5	118	(D)	13	14	94
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	140	268	10	71	35	180
2012	165	302	20	87	43	244
\$1,000, 2017	1,662	6,853	21	483	129	953
2012	1,249	7,984	40	712	152	4,297
Breeding livestock purchased or leased farms, 2017	67	125	2	40	11	53
2012	70	116	2	55	14	130
\$1,000, 2017	945	3,582	(D)	264	76	351
2012	293	4,261	(D)	418	73	647
Other livestock and poultry purchased or leased farms, 2017	103	185	10	41	29	150
2012	131	227	19	43	32	159
\$1,000, 2017	717	3,271	(D)	219	53	602
2012	956	3,723	(D)	293	79	3,650
Feed purchased farms, 2017	262	528	41	120	76	411
2012	272	496	36	159	87	526
\$1,000, 2017	5,494	52,928	165	870	761	2,640
2012	4,329	46,217	166	1,696	925	7,803
Gasoline, fuels, and oils purchased farms, 2017	372	978	43	239	155	924
2012	428	1,084	49	279	157	1,098
\$1,000, 2017	1,063	8,106	37	948	420	3,739
2012	1,347	10,058	60	1,092	497	5,663
Utilities farms, 2017	260	715	37	163	97	599
2012	276	755	38	204	122	718
\$1,000, 2017	728	5,478	49	435	180	1,628
2012	582	4,559	49	471	227	1,818
Repairs, supplies, and maintenance costs farms, 2017	339	862	31	211	127	800
2012	369	959	44	242	140	933
\$1,000, 2017	2,365	15,115	38	1,705	673	6,623
2012	1,488	14,224	52	1,277	549	7,206
Hired farm labor farms, 2017	69	239	2	44	33	205
2012	89	304	10	66	33	236
\$1,000, 2017	2,535	25,726	(D)	1,343	691	3,075
2012	1,815	19,837	39	1,101	326	3,228
Contract labor farms, 2017	15	61	-	10	5	44
2012	27	60	1	14	7	77
\$1,000, 2017	48	1,043	-	135	8	308
2012	249	929	(D)	17	(D)	531
Customwork and custom hauling farms, 2017	67	282	3	17	13	212
2012	79	313	7	33	33	251
\$1,000, 2017	366	6,125	(D)	108	53	1,544
2012	135	4,343	7	167	75	1,838
Cash rent for land, buildings, and grazing fees farms, 2017	68	268	3	53	14	270
2012	93	335	1	77	31	369
\$1,000, 2017	484	15,104	4	182	27	8,356
2012	495	15,589	(D)	1,219	476	7,594
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	49	101	1	23	4	53
2012	25	87	2	17	3	56
\$1,000, 2017	296	1,364	(D)	90	4	632
2012	174	1,506	(D)	48	(D)	849
Interest expense farms, 2017	117	352	13	73	37	331
2012	148	445	19	120	41	517
\$1,000, 2017	827	9,943	112	374	133	4,353
2012	1,557	9,620	134	582	228	4,356
Secured by real estate farms, 2017	93	281	12	65	30	254
2012	112	359	15	90	37	427
\$1,000, 2017	706	6,972	102	265	105	3,269
2012	1,011	6,160	114	410	163	3,431
Not secured by real estate farms, 2017	72	208	9	35	19	194
2012	79	226	12	56	25	288
\$1,000, 2017	121	2,971	9	109	28	1,084
2012	547	3,460	20	172	64	926
Property taxes paid farms, 2017	378	981	45	238	157	916
2012	452	1,094	45	276	156	1,129
\$1,000, 2017	1,160	6,082	216	891	409	4,695
2012	1,126	5,410	91	742	399	4,657

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Total farm production expenses .....farms, 2017	324	820	459	54	497	812
2012	287	835	533	62	504	878
\$1,000, 2017	12,087	68,312	15,389	696	32,276	244,909
2012	8,473	75,566	16,714	686	28,588	245,236
Average per farm .....dollars, 2017	37,304	83,308	33,526	12,880	64,941	301,612
2012	29,522	90,498	31,358	11,065	56,721	279,312
Fertilizer, lime, and soil conditioners purchased .....farms, 2017	129	383	193	12	288	520
2012	125	385	197	22	295	513
\$1,000, 2017	324	6,791	2,059	10	2,245	19,963
2012	387	9,425	2,487	70	2,634	29,745
Chemicals purchased .....farms, 2017	76	322	136	5	256	493
2012	103	379	157	14	288	505
\$1,000, 2017	56	3,324	579	(D)	3,977	11,850
2012	169	4,153	515	10	2,578	10,922
Seeds, plants, vines, and trees purchased .....farms, 2017	110	324	147	11	193	434
2012	110	385	182	13	256	499
\$1,000, 2017	487	9,625	1,234	21	1,386	20,533
2012	641	9,582	1,431	32	1,563	21,038
Cover crop seed purchased (see text) .....farms, 2017	37	49	32	-	37	34
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	8	167	28	-	15	271
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased .....farms, 2017	91	201	141	23	85	155
2012	74	172	173	15	100	192
\$1,000, 2017	280	990	581	22	1,118	16,031
2012	269	836	527	24	344	13,050
Breeding livestock purchased or leased .....farms, 2017	29	73	60	5	29	63
2012	31	66	78	6	22	85
\$1,000, 2017	144	294	181	13	397	2,586
2012	71	240	224	4	65	1,981
Other livestock and poultry purchased or leased .....farms, 2017	73	148	97	22	60	108
2012	57	141	116	15	85	151
\$1,000, 2017	136	696	400	9	721	13,445
2012	198	597	303	20	279	11,069
Feed purchased .....farms, 2017	163	418	246	36	197	272
2012	173	411	308	34	190	324
\$1,000, 2017	1,405	2,877	2,007	107	1,644	59,369
2012	956	3,753	2,398	79	1,952	56,310
Gasoline, fuels, and oils purchased .....farms, 2017	317	792	421	54	463	753
2012	272	812	501	60	478	812
\$1,000, 2017	622	3,021	1,142	46	1,459	8,860
2012	535	4,541	1,509	62	2,381	12,215
Utilities .....farms, 2017	214	518	252	35	362	536
2012	173	544	301	41	351	595
\$1,000, 2017	722	2,035	451	36	1,005	4,623
2012	230	2,005	495	(D)	825	4,381
Repairs, supplies, and maintenance costs .....farms, 2017	261	686	323	47	388	670
2012	226	696	410	41	397	727
\$1,000, 2017	1,099	4,750	1,391	92	2,716	15,343
2012	599	6,494	1,377	87	2,433	16,133
Hired farm labor .....farms, 2017	64	169	62	13	160	220
2012	86	228	104	16	154	265
\$1,000, 2017	3,941	11,126	1,005	(D)	7,245	22,174
2012	1,691	10,873	893	35	3,680	15,364
Contract labor .....farms, 2017	27	37	16	4	94	59
2012	10	53	23	1	78	83
\$1,000, 2017	161	469	119	5	1,433	1,978
2012	(D)	448	190	(D)	910	1,923
Customwork and custom hauling .....farms, 2017	41	118	43	6	72	196
2012	26	129	71	9	87	212
\$1,000, 2017	138	894	602	2	449	9,002
2012	62	506	514	4	384	7,131
Cash rent for land, buildings, and grazing fees .....farms, 2017	50	177	80	5	80	249
2012	63	211	109	2	91	275
\$1,000, 2017	112	5,412	671	6	1,099	18,568
2012	712	6,613	992	(D)	1,598	20,844
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....farms, 2017	8	43	22	1	59	96
2012	3	48	22	3	51	117
\$1,000, 2017	114	367	29	(D)	484	1,343
2012	(D)	667	49	1	642	2,916
Interest expense .....farms, 2017	80	228	120	10	163	349
2012	117	288	176	16	185	438
\$1,000, 2017	561	2,733	998	86	1,858	8,662
2012	942	2,763	1,038	91	1,688	9,825
Secured by real estate .....farms, 2017	69	201	101	8	139	298
2012	89	212	153	15	147	373
\$1,000, 2017	492	1,775	866	53	1,511	5,731
2012	492	1,871	844	82	1,392	6,588
Not secured by real estate .....farms, 2017	26	138	64	6	80	213
2012	72	180	78	5	98	223
\$1,000, 2017	68	957	132	33	347	2,931
2012	450	892	194	9	296	3,237
Property taxes paid .....farms, 2017	317	785	458	54	479	767
2012	276	790	528	62	487	837
\$1,000, 2017	1,251	4,401	1,386	137	2,105	5,232
2012	841	3,174	1,196	102	1,732	4,716

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Total farm production expenses farms, 2017	1,205	208	1,153	912	954	244
2012	1,530	177	1,205	944	1,109	283
\$1,000, 2017	149,048	5,477	532,831	99,562	344,896	12,319
2012	132,739	3,134	494,642	109,562	305,500	14,036
Average per farm dollars, 2017	123,691	26,333	462,126	109,169	361,526	50,489
2012	86,758	17,707	410,492	116,061	275,473	49,598
Fertilizer, lime, and soil conditioners purchased farms, 2017	538	82	745	430	582	111
2012	623	76	770	462	584	123
\$1,000, 2017	13,349	(D)	40,496	10,568	15,426	802
2012	19,018	282	55,224	18,269	21,499	1,380
Chemicals purchased farms, 2017	463	40	729	345	518	54
2012	614	69	766	457	595	92
\$1,000, 2017	7,054	(D)	26,226	4,299	6,745	261
2012	6,541	66	25,260	5,690	8,971	195
Seeds, plants, vines, and trees purchased farms, 2017	481	62	717	371	471	64
2012	617	73	756	436	573	102
\$1,000, 2017	13,066	573	35,751	10,393	15,836	672
2012	18,480	189	32,507	12,251	16,843	811
Cover crop seed purchased (see text) farms, 2017	88	30	216	47	89	10
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	380	6	1,093	44	125	10
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	265	54	259	236	297	46
2012	347	43	301	246	312	65
\$1,000, 2017	11,087	60	62,837	1,697	29,000	529
2012	6,974	36	52,448	1,271	22,967	560
Breeding livestock purchased or leased farms, 2017	126	16	90	88	141	28
2012	126	12	107	98	155	37
\$1,000, 2017	4,747	34	18,690	612	5,432	204
2012	896	18	10,565	419	7,837	502
Other livestock and poultry purchased or leased farms, 2017	170	42	198	175	207	22
2012	262	35	244	175	211	42
\$1,000, 2017	6,340	26	44,147	1,085	23,568	324
2012	6,077	17	41,882	852	15,129	57
Feed purchased farms, 2017	509	115	391	527	541	127
2012	629	94	425	495	594	160
\$1,000, 2017	21,588	573	138,029	11,466	94,955	2,691
2012	14,945	431	129,616	10,687	76,085	3,316
Gasoline, fuels, and oils purchased farms, 2017	1,085	204	1,076	892	924	234
2012	1,390	163	1,139	905	1,064	274
\$1,000, 2017	6,681	497	20,358	5,253	10,109	756
2012	7,843	377	23,763	7,566	12,739	1,116
Utilities farms, 2017	734	132	874	626	721	169
2012	824	107	884	648	775	183
\$1,000, 2017	3,760	281	8,529	2,285	7,635	473
2012	2,945	171	6,573	2,288	6,025	507
Repairs, supplies, and maintenance costs farms, 2017	955	167	1,015	755	822	208
2012	1,094	125	1,016	772	935	221
\$1,000, 2017	11,885	631	33,153	7,933	17,279	1,467
2012	8,859	296	30,114	9,083	16,649	1,317
Hired farm labor farms, 2017	281	37	373	240	231	30
2012	316	47	388	273	277	50
\$1,000, 2017	17,024	620	40,557	12,433	38,308	759
2012	12,418	334	29,409	11,983	28,543	888
Contract labor farms, 2017	63	7	94	54	51	6
2012	97	7	76	99	82	15
\$1,000, 2017	630	(D)	2,848	395	6,331	(D)
2012	366	16	2,211	658	1,112	24
Customwork and custom hauling farms, 2017	306	12	353	156	269	39
2012	281	15	369	193	341	53
\$1,000, 2017	4,070	35	13,042	2,365	12,353	295
2012	2,027	27	12,290	1,688	5,396	396
Cash rent for land, buildings, and grazing fees farms, 2017	303	33	451	204	298	58
2012	350	13	454	267	368	70
\$1,000, 2017	12,708	190	42,880	9,105	13,106	395
2012	11,034	144	32,874	8,365	11,620	665
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	78	6	139	74	91	12
2012	85	6	139	66	97	15
\$1,000, 2017	1,856	47	3,177	2,475	1,093	(D)
2012	1,132	8	2,178	1,320	1,434	198
Interest expense farms, 2017	440	40	533	305	427	82
2012	645	46	634	356	477	98
\$1,000, 2017	7,246	546	22,552	5,246	9,447	997
2012	6,518	174	21,645	5,624	9,233	828
Secured by real estate farms, 2017	363	24	420	252	359	69
2012	564	35	517	271	382	82
\$1,000, 2017	4,699	435	14,087	3,989	6,627	780
2012	4,908	145	14,374	4,172	6,196	672
Not secured by real estate farms, 2017	268	25	316	152	254	48
2012	322	21	391	221	293	47
\$1,000, 2017	2,547	111	8,465	1,257	2,820	217
2012	1,610	29	7,271	1,452	3,037	156
Property taxes paid farms, 2017	1,168	198	1,083	865	931	242
2012	1,486	175	1,142	879	1,077	275
\$1,000, 2017	5,187	527	9,152	6,494	5,515	821
2012	4,814	322	8,810	5,490	5,392	639

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Total farm production expenses .....farms, 2017	133	959	923	707	225	1,010
2012	117	928	1,073	734	224	1,159
\$1,000, 2017	4,113	103,285	73,198	192,517	7,715	230,518
2012	3,539	89,212	75,410	198,134	8,088	209,122
Average per farm .....dollars, 2017	30,926	107,701	79,304	272,301	34,291	228,236
2012	30,248	96,134	70,279	269,937	36,109	180,433
Fertilizer, lime, and soil conditioners purchased .....farms, 2017	42	538	395	380	108	551
2012	43	466	471	362	97	591
\$1,000, 2017	387	10,343	8,207	12,948	771	11,709
2012	473	13,542	13,184	15,371	877	12,192
Chemicals purchased .....farms, 2017	26	427	355	297	56	437
2012	24	446	451	367	70	571
\$1,000, 2017	167	4,895	4,651	5,256	329	12,796
2012	139	4,806	4,707	6,482	401	12,373
Seeds, plants, vines, and trees purchased .....farms, 2017	34	468	347	313	53	444
2012	34	465	452	389	96	542
\$1,000, 2017	244	8,975	8,014	21,354	487	33,814
2012	177	8,489	7,608	21,481	836	32,148
Cover crop seed purchased (see text) .....farms, 2017	7	62	62	58	21	138
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	41	107	268	116	18	192
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased .....farms, 2017	47	254	245	205	75	300
2012	29	253	297	167	57	293
\$1,000, 2017	159	5,215	3,089	6,937	103	4,287
2012	102	5,511	2,205	3,797	51	4,463
Breeding livestock purchased or leased .....farms, 2017	27	109	104	78	19	100
2012	11	100	146	59	14	119
\$1,000, 2017	88	798	515	736	40	694
2012	85	1,184	607	1,115	21	1,103
Other livestock and poultry purchased or leased .....farms, 2017	33	174	185	151	66	242
2012	21	184	202	126	47	211
\$1,000, 2017	72	4,417	2,574	6,201	64	3,593
2012	17	4,327	1,598	2,682	30	3,361
Feed purchased .....farms, 2017	78	469	545	369	109	572
2012	60	432	579	369	113	656
\$1,000, 2017	147	19,549	7,728	19,554	387	17,281
2012	249	12,076	8,058	23,848	556	21,085
Gasoline, fuels, and oils purchased .....farms, 2017	132	917	878	662	218	976
2012	111	889	1,034	690	203	1,101
\$1,000, 2017	310	5,344	4,024	7,993	425	8,887
2012	288	5,986	5,380	9,956	523	12,030
Utilities .....farms, 2017	87	605	615	481	149	703
2012	77	580	698	484	133	789
\$1,000, 2017	143	2,604	2,201	8,128	405	7,403
2012	107	1,850	2,066	6,812	450	4,813
Repairs, supplies, and maintenance costs .....farms, 2017	122	790	798	585	190	885
2012	99	752	876	600	162	935
\$1,000, 2017	643	8,734	5,834	13,111	1,784	15,853
2012	308	7,375	5,792	16,152	967	12,051
Hired farm labor .....farms, 2017	16	216	212	232	26	328
2012	22	214	260	233	48	362
\$1,000, 2017	892	9,346	6,716	44,145	1,193	49,885
2012	710	5,103	5,245	35,511	1,413	35,745
Contract labor .....farms, 2017	8	74	45	51	11	119
2012	8	60	50	76	16	119
\$1,000, 2017	8	750	418	1,810	132	16,967
2012	58	305	380	1,256	93	9,684
Customwork and custom hauling .....farms, 2017	13	224	149	140	16	180
2012	9	205	173	141	26	196
\$1,000, 2017	15	1,625	1,529	3,171	20	2,425
2012	3	1,352	1,358	8,224	62	5,760
Cash rent for land, buildings, and grazing fees .....farms, 2017	29	277	220	171	24	256
2012	29	245	271	181	18	317
\$1,000, 2017	195	9,407	6,511	7,711	290	10,165
2012	340	6,767	5,204	9,127	345	8,663
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....farms, 2017	11	94	43	77	7	84
2012	5	108	37	75	6	82
\$1,000, 2017	11	1,260	1,113	940	7	991
2012	3	587	400	1,445	15	1,033
Interest expense .....farms, 2017	26	373	282	205	76	338
2012	29	391	397	300	65	365
\$1,000, 2017	98	4,633	3,497	4,679	397	9,413
2012	93	4,191	3,825	6,338	607	5,686
Secured by real estate .....farms, 2017	19	330	215	157	58	278
2012	21	331	309	237	55	282
\$1,000, 2017	73	3,610	2,083	3,070	290	6,485
2012	73	3,068	2,601	4,695	421	4,558
Not secured by real estate .....farms, 2017	18	212	177	137	41	175
2012	17	214	214	156	30	193
\$1,000, 2017	25	1,023	1,415	1,608	107	2,928
2012	20	1,123	1,224	1,643	186	1,128
Property taxes paid .....farms, 2017	131	913	893	676	224	968
2012	111	906	1,034	700	212	1,094
\$1,000, 2017	261	4,530	4,278	4,665	601	6,658
2012	210	3,704	4,147	4,085	491	5,822

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Total farm production expenses farms, 2017	9	168	1,013	470	1,361	724
2012	6	200	1,133	494	1,618	734
\$1,000, 2017	49	4,518	75,778	44,249	229,074	43,603
2012	78	5,253	83,063	34,746	189,765	45,418
Average per farm dollars, 2017	5,486	26,894	74,806	94,146	168,313	60,225
2012	13,062	26,267	73,312	70,336	117,284	61,878
Fertilizer, lime, and soil conditioners purchased farms, 2017	3	74	479	314	747	290
2012	-	71	545	297	736	317
\$1,000, 2017	5	299	8,101	2,347	28,544	3,510
2012	-	444	11,743	1,551	29,996	5,026
Chemicals purchased farms, 2017	3	50	416	261	708	278
2012	-	56	526	329	775	302
\$1,000, 2017	1	127	4,324	5,939	13,130	1,831
2012	-	151	4,446	4,299	11,439	2,544
Seeds, plants, vines, and trees purchased farms, 2017	3	52	439	209	668	281
2012	-	75	508	272	774	291
\$1,000, 2017	4	255	8,001	1,370	23,416	3,793
2012	-	315	8,511	1,526	19,301	3,920
Cover crop seed purchased (see text) farms, 2017	3	13	67	62	119	32
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2	9	97	50	241	37
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	-	44	271	88	237	232
2012	-	49	277	66	245	171
\$1,000, 2017	-	138	3,823	459	11,150	570
2012	-	105	4,905	771	3,869	1,165
Breeding livestock purchased or leased farms, 2017	-	22	114	20	79	92
2012	-	20	96	29	92	64
\$1,000, 2017	-	93	493	18	5,249	305
2012	-	56	353	119	921	294
Other livestock and poultry purchased or leased farms, 2017	-	28	205	75	185	167
2012	-	33	209	54	181	133
\$1,000, 2017	-	44	3,330	441	5,901	266
2012	-	50	4,553	652	2,948	872
Feed purchased farms, 2017	3	96	620	165	448	444
2012	6	124	660	141	498	442
\$1,000, 2017	8	899	4,125	793	24,363	5,836
2012	17	792	6,490	766	23,372	5,341
Gasoline, fuels, and oils purchased farms, 2017	9	155	979	434	1,250	707
2012	6	193	1,107	473	1,495	712
\$1,000, 2017	2	316	4,547	2,353	9,985	2,030
2012	15	420	5,781	2,173	11,490	3,039
Utilities farms, 2017	3	103	671	345	847	493
2012	2	142	780	378	877	484
\$1,000, 2017	1	170	2,124	1,339	4,828	1,536
2012	(D)	176	2,008	1,014	3,383	1,174
Repairs, supplies, and maintenance costs farms, 2017	3	144	881	384	1,126	613
2012	4	157	952	417	1,239	589
\$1,000, 2017	6	509	7,567	3,963	16,349	4,406
2012	10	475	6,744	2,300	13,266	4,085
Hired farm labor farms, 2017	-	27	232	230	319	145
2012	-	40	293	212	376	164
\$1,000, 2017	-	440	9,685	13,814	17,931	6,147
2012	-	562	10,374	9,232	13,660	5,102
Contract labor farms, 2017	-	3	52	120	77	44
2012	-	7	65	128	59	49
\$1,000, 2017	-	3	921	1,927	1,621	872
2012	-	66	501	2,133	1,700	854
Customwork and custom hauling farms, 2017	3	21	169	93	285	114
2012	-	27	210	95	355	107
\$1,000, 2017	2	116	1,149	803	5,070	950
2012	-	46	1,322	632	4,556	854
Cash rent for land, buildings, and grazing fees farms, 2017	-	17	267	78	460	135
2012	-	30	298	95	463	158
\$1,000, 2017	-	100	5,339	1,081	34,649	2,012
2012	-	240	5,193	977	23,986	2,601
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	-	9	59	43	87	48
2012	-	6	70	53	113	32
\$1,000, 2017	-	35	871	197	1,375	620
2012	-	22	553	209	2,032	232
Interest expense farms, 2017	3	38	367	179	502	197
2012	4	61	393	177	590	221
\$1,000, 2017	13	130	4,425	2,306	10,276	1,907
2012	9	436	3,631	2,304	8,651	2,143
Secured by real estate farms, 2017	3	28	307	144	391	164
2012	2	53	294	146	495	153
\$1,000, 2017	13	88	3,176	1,943	7,063	1,408
2012	(D)	373	2,686	2,020	6,133	1,673
Not secured by real estate farms, 2017	-	23	214	95	314	114
2012	2	26	247	91	315	139
\$1,000, 2017	-	42	1,249	363	3,213	499
2012	(D)	62	946	285	2,517	470
Property taxes paid farms, 2017	9	168	971	443	1,267	694
2012	6	192	1,086	462	1,509	706
\$1,000, 2017	4	526	5,022	2,295	8,847	3,409
2012	5	568	4,096	2,110	7,037	3,251

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Total farm production expenses .....farms, 2017	71	101	404	274	179	472
2012	43	103	502	324	168	440
\$1,000, 2017	3,748	5,621	68,232	11,398	5,055	46,285
2012	3,072	4,314	64,185	10,121	3,686	41,626
Average per farm .....dollars, 2017	52,786	55,657	168,892	41,599	28,241	98,061
2012	71,435	41,884	127,858	31,239	21,942	94,606
Fertilizer, lime, and soil conditioners purchased .....farms, 2017	20	40	252	161	80	240
2012	12	37	272	159	64	215
\$1,000, 2017	(D)	75	5,873	641	324	4,443
2012	(D)	(D)	5,806	847	139	5,072
Chemicals purchased .....farms, 2017	14	24	234	109	34	210
2012	12	24	273	144	42	212
\$1,000, 2017	(D)	30	2,955	1,066	107	2,460
2012	(D)	(D)	2,384	705	42	2,540
Seeds, plants, vines, and trees purchased .....farms, 2017	15	43	224	125	78	216
2012	17	40	278	144	42	215
\$1,000, 2017	307	103	11,570	634	184	3,203
2012	181	47	7,334	676	126	2,669
Cover crop seed purchased (see text) .....farms, 2017	1	7	24	50	17	70
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	(D)	(D)	10	24	4	94
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased .....farms, 2017	21	34	81	53	66	83
2012	11	36	91	53	47	94
\$1,000, 2017	(D)	205	(D)	705	406	1,728
2012	(D)	254	7,561	(D)	204	2,200
Breeding livestock purchased or leased .....farms, 2017	6	9	26	7	28	41
2012	2	22	40	18	15	50
\$1,000, 2017	125	23	52	11	153	433
2012	(D)	61	137	25	28	1,140
Other livestock and poultry purchased or leased .....farms, 2017	16	28	66	49	48	47
2012	10	22	66	48	36	57
\$1,000, 2017	(D)	183	(D)	694	253	1,295
2012	(D)	193	7,424	(D)	177	1,060
Feed purchased .....farms, 2017	39	68	172	116	110	215
2012	27	68	208	141	117	215
\$1,000, 2017	194	2,176	2,174	1,118	632	6,005
2012	225	1,176	5,491	628	866	6,362
Gasoline, fuels, and oils purchased .....farms, 2017	66	97	395	265	175	450
2012	41	97	488	295	162	424
\$1,000, 2017	260	303	3,958	684	376	2,366
2012	213	325	4,275	853	322	3,039
Utilities .....farms, 2017	50	62	314	192	126	307
2012	24	59	349	190	100	300
\$1,000, 2017	156	157	2,161	363	286	1,367
2012	114	98	1,460	428	178	928
Repairs, supplies, and maintenance costs .....farms, 2017	58	71	373	239	155	385
2012	32	90	410	241	124	375
\$1,000, 2017	372	585	5,767	1,085	658	3,698
2012	247	399	4,822	725	298	3,301
Hired farm labor .....farms, 2017	14	18	146	58	36	123
2012	11	16	165	61	28	125
\$1,000, 2017	535	832	14,955	1,439	668	8,943
2012	(D)	476	11,505	1,138	323	5,160
Contract labor .....farms, 2017	3	4	25	20	11	31
2012	3	3	41	23	15	32
\$1,000, 2017	(D)	22	584	1,052	76	546
2012	(D)	1	404	1,533	63	486
Customwork and custom hauling .....farms, 2017	6	19	91	40	21	89
2012	10	17	133	31	12	90
\$1,000, 2017	(D)	112	1,385	89	53	883
2012	129	66	948	(D)	13	625
Cash rent for land, buildings, and grazing fees .....farms, 2017	7	18	138	37	19	144
2012	19	38	164	41	22	134
\$1,000, 2017	16	56	3,668	249	52	1,606
2012	244	296	3,219	(D)	69	1,910
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....farms, 2017	4	5	23	36	4	32
2012	2	3	29	11	6	52
\$1,000, 2017	(D)	10	(D)	121	1	235
2012	(D)	2	169	37	7	466
Interest expense .....farms, 2017	15	20	155	83	34	164
2012	17	53	202	91	51	182
\$1,000, 2017	171	235	2,777	607	320	1,992
2012	103	516	2,010	548	338	2,092
Secured by real estate .....farms, 2017	14	15	107	63	27	134
2012	16	42	144	76	39	147
\$1,000, 2017	124	116	2,200	491	297	1,411
2012	80	310	1,363	443	290	1,676
Not secured by real estate .....farms, 2017	9	11	86	43	17	94
2012	10	29	130	48	31	86
\$1,000, 2017	46	119	577	117	23	581
2012	23	206	647	105	47	416
Property taxes paid .....farms, 2017	71	99	375	272	171	457
2012	42	97	460	322	159	430
\$1,000, 2017	126	351	2,110	889	570	1,828
2012	108	192	2,285	904	389	1,543

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Total farm production expenses farms, 2017	694	353	530	406	1,085	962
2012	779	398	555	433	1,144	1,127
\$1,000, 2017	171,138	30,591	46,497	127,958	157,725	155,427
2012	97,829	32,905	49,935	84,933	153,590	150,208
Average per farm dollars, 2017	246,597	86,661	87,729	315,167	145,368	161,567
2012	125,583	82,676	89,973	196,151	134,257	133,282
Fertilizer, lime, and soil conditioners purchased farms, 2017	361	178	274	195	646	545
2012	361	188	276	200	715	587
\$1,000, 2017	5,037	1,434	4,650	4,179	16,856	20,286
2012	7,515	1,940	6,404	3,837	28,562	23,841
Chemicals purchased farms, 2017	250	117	221	153	603	425
2012	329	159	254	178	735	533
\$1,000, 2017	2,954	679	2,052	2,059	10,290	12,933
2012	(D)	1,170	2,467	1,779	9,812	11,863
Seeds, plants, vines, and trees purchased farms, 2017	266	118	233	163	581	375
2012	361	173	258	194	717	537
\$1,000, 2017	4,035	1,251	3,621	5,036	22,016	15,721
2012	4,488	1,277	4,494	3,209	22,613	13,677
Cover crop seed purchased (see text) farms, 2017	80	21	55	39	61	107
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	163	36	71	44	259	390
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	214	85	133	114	144	254
2012	223	113	121	120	179	271
\$1,000, 2017	32,166	221	968	6,552	2,963	6,311
2012	(D)	1,380	5,204	1,025	2,950	6,295
Breeding livestock purchased or leased farms, 2017	122	42	54	64	61	114
2012	157	65	55	61	41	110
\$1,000, 2017	(D)	167	88	6,270	161	604
2012	(D)	1,047	(D)	769	90	885
Other livestock and poultry purchased or leased farms, 2017	142	56	88	66	111	180
2012	139	69	89	84	144	200
\$1,000, 2017	(D)	53	881	282	2,803	5,707
2012	(D)	332	(D)	257	2,860	5,410
Feed purchased farms, 2017	387	207	259	259	361	527
2012	449	232	256	261	364	560
\$1,000, 2017	68,928	9,067	9,893	39,411	2,390	12,436
2012	21,412	8,238	6,841	24,919	3,073	15,567
Gasoline, fuels, and oils purchased farms, 2017	653	332	507	384	1,021	886
2012	743	382	523	404	1,107	1,067
\$1,000, 2017	2,882	1,633	2,374	4,814	7,609	9,867
2012	4,788	1,925	2,739	4,729	9,571	10,218
Utilities farms, 2017	367	253	365	297	712	622
2012	451	256	336	281	673	687
\$1,000, 2017	3,242	1,001	1,353	3,113	3,218	4,678
2012	2,280	921	1,236	1,885	3,181	4,124
Repairs, supplies, and maintenance costs farms, 2017	532	279	457	328	917	780
2012	615	311	411	338	951	869
\$1,000, 2017	5,442	3,277	3,767	9,826	15,660	11,323
2012	5,357	3,055	4,246	6,283	10,937	10,953
Hired farm labor farms, 2017	127	75	101	139	256	209
2012	148	100	88	127	246	285
\$1,000, 2017	13,681	3,130	5,173	23,372	24,430	16,837
2012	7,088	2,673	2,976	15,888	18,585	15,760
Contract labor farms, 2017	18	17	28	33	58	60
2012	37	22	21	39	46	59
\$1,000, 2017	585	82	97	(D)	3,289	2,180
2012	209	220	186	1,956	1,534	460
Customwork and custom hauling farms, 2017	167	83	70	100	253	202
2012	174	77	59	112	272	283
\$1,000, 2017	9,453	1,195	1,391	5,909	1,518	6,660
2012	4,758	725	350	3,535	1,926	6,695
Cash rent for land, buildings, and grazing fees farms, 2017	167	94	97	121	360	248
2012	202	113	100	122	389	318
\$1,000, 2017	4,383	1,228	3,123	2,834	15,005	10,133
2012	3,621	2,032	3,894	3,096	15,261	9,091
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	31	13	56	58	70	103
2012	55	30	39	44	93	78
\$1,000, 2017	594	194	298	(D)	1,787	1,372
2012	338	224	483	572	2,007	1,062
Interest expense farms, 2017	225	146	182	158	423	334
2012	296	125	203	169	446	461
\$1,000, 2017	3,637	2,501	1,657	4,376	5,756	7,525
2012	3,339	1,649	1,817	3,737	5,213	6,735
Secured by real estate farms, 2017	179	128	139	137	348	267
2012	245	92	174	142	336	384
\$1,000, 2017	1,939	1,991	1,159	3,704	3,857	4,929
2012	2,111	1,336	1,380	2,530	3,128	4,477
Not secured by real estate farms, 2017	123	90	100	73	226	204
2012	166	79	78	73	256	207
\$1,000, 2017	1,698	510	497	672	1,899	2,596
2012	1,229	313	436	1,207	2,085	2,259
Property taxes paid farms, 2017	670	349	517	397	1,020	929
2012	763	389	540	417	1,074	1,091
\$1,000, 2017	2,849	1,277	2,666	2,285	5,982	4,950
2012	2,769	1,265	2,029	1,883	4,590	4,617

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Total farm production expenses .....farms, 2017	178	476	850	514	545	294
2012	151	514	923	537	609	280
\$1,000, 2017	7,311	68,052	106,131	26,143	114,773	37,604
2012	5,526	62,796	96,609	26,773	97,509	36,089
Average per farm .....dollars, 2017	41,071	142,965	124,859	50,862	210,592	127,903
2012	36,598	122,171	104,668	49,857	160,113	128,888
Fertilizer, lime, and soil conditioners purchased .....farms, 2017	66	223	428	180	336	143
2012	51	237	462	164	369	139
\$1,000, 2017	611	3,984	7,416	1,279	7,503	2,242
2012	476	4,197	7,278	1,435	6,821	3,022
Chemicals purchased .....farms, 2017	52	164	285	139	275	102
2012	39	214	372	169	361	110
\$1,000, 2017	214	3,114	4,264	585	9,143	836
2012	191	2,997	3,989	721	8,920	754
Seeds, plants, vines, and trees purchased .....farms, 2017	60	180	282	161	242	111
2012	51	212	405	158	319	124
\$1,000, 2017	405	4,287	6,847	1,649	5,789	2,520
2012	378	3,518	4,954	1,479	4,566	1,837
Cover crop seed purchased (see text) .....farms, 2017	16	53	69	28	89	11
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	14	27	100	12	159	11
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased .....farms, 2017	61	156	224	100	127	68
2012	54	121	269	104	145	85
\$1,000, 2017	314	3,975	5,083	281	2,135	1,531
2012	165	2,688	3,756	213	2,582	2,161
Breeding livestock purchased or leased .....farms, 2017	29	65	107	39	41	37
2012	23	37	123	28	69	44
\$1,000, 2017	149	329	2,420	150	275	1,072
2012	60	285	2,103	64	1,088	356
Other livestock and poultry purchased or leased .....farms, 2017	48	134	149	83	107	39
2012	36	99	182	85	103	50
\$1,000, 2017	166	3,647	2,663	131	1,860	459
2012	105	2,403	1,653	149	1,494	1,804
Feed purchased .....farms, 2017	99	286	509	296	216	165
2012	93	311	538	338	262	159
\$1,000, 2017	1,299	11,663	22,086	1,868	18,452	8,997
2012	814	11,912	24,692	2,883	18,214	9,174
Gasoline, fuels, and oils purchased .....farms, 2017	166	454	818	461	529	265
2012	147	497	883	509	593	259
\$1,000, 2017	654	3,788	5,063	1,388	4,721	2,546
2012	643	3,802	5,242	1,519	5,824	2,792
Utilities .....farms, 2017	118	353	534	341	395	199
2012	92	355	560	359	430	184
\$1,000, 2017	237	2,031	3,024	1,397	3,111	1,420
2012	171	1,914	2,421	973	2,275	1,112
Repairs, supplies, and maintenance costs .....farms, 2017	152	374	663	432	481	265
2012	114	395	726	415	498	220
\$1,000, 2017	732	4,721	8,026	2,105	8,699	3,536
2012	494	4,159	6,759	2,123	7,186	3,017
Hired farm labor .....farms, 2017	23	116	200	150	233	94
2012	20	176	217	210	225	63
\$1,000, 2017	466	11,492	15,356	7,044	22,843	4,641
2012	260	11,403	12,586	7,532	17,627	3,664
Contract labor .....farms, 2017	1	42	37	27	66	10
2012	6	41	62	62	57	22
\$1,000, 2017	(D)	2,809	3,852	415	5,395	207
2012	42	491	3,339	507	2,940	201
Customwork and custom hauling .....farms, 2017	27	99	161	44	134	53
2012	22	109	229	52	158	43
\$1,000, 2017	(D)	1,723	3,494	357	1,982	833
2012	80	1,162	1,916	216	2,396	843
Cash rent for land, buildings, and grazing fees .....farms, 2017	34	92	174	41	165	91
2012	42	104	223	61	172	88
\$1,000, 2017	168	1,753	4,835	605	7,399	1,279
2012	341	1,573	4,716	619	5,387	1,714
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....farms, 2017	11	40	57	26	79	31
2012	6	41	59	30	59	22
\$1,000, 2017	219	446	812	163	578	422
2012	120	360	859	193	461	257
Interest expense .....farms, 2017	68	142	262	129	215	115
2012	62	202	335	170	253	107
\$1,000, 2017	628	2,718	3,910	1,649	5,514	1,771
2012	565	3,056	4,008	1,949	3,865	1,611
Secured by real estate .....farms, 2017	62	116	223	105	169	95
2012	47	177	268	122	208	82
\$1,000, 2017	469	1,663	3,211	1,342	4,168	1,291
2012	391	2,016	3,213	1,507	2,719	1,048
Not secured by real estate .....farms, 2017	40	79	157	62	130	65
2012	32	94	194	108	118	57
\$1,000, 2017	159	1,056	699	307	1,346	479
2012	174	1,040	795	442	1,146	564
Property taxes paid .....farms, 2017	177	464	831	484	532	277
2012	150	500	904	501	595	272
\$1,000, 2017	477	2,262	3,761	3,118	3,664	965
2012	341	2,013	3,259	2,168	2,864	1,030

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Total farm production expenses farms, 2017	114	625	144	193	1,130	322
2012	109	750	145	180	1,363	323
\$1,000, 2017	2,398	37,514	4,082	6,224	432,147	15,674
2012	1,725	37,606	6,243	6,127	440,082	18,313
Average per farm dollars, 2017	21,034	60,022	28,345	32,251	382,431	48,678
2012	15,824	50,142	43,054	34,036	322,878	56,697
Fertilizer, lime, and soil conditioners purchased farms, 2017	17	250	65	86	693	159
2012	22	296	49	80	809	149
\$1,000, 2017	70	1,953	262	490	17,265	1,750
2012	72	2,034	323	701	20,976	2,683
Chemicals purchased farms, 2017	11	146	35	63	602	125
2012	18	203	38	69	767	146
\$1,000, 2017	24	822	44	351	15,355	793
2012	10	453	55	300	22,360	986
Seeds, plants, vines, and trees purchased farms, 2017	20	165	32	64	502	112
2012	29	265	53	77	712	156
\$1,000, 2017	70	1,806	100	485	30,217	1,318
2012	34	1,619	175	273	32,586	2,004
Cover crop seed purchased (see text) farms, 2017	6	47	6	8	77	35
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2	29	(Z)	8	101	19
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	29	152	75	52	312	59
2012	21	192	72	58	363	78
\$1,000, 2017	105	907	410	226	25,658	553
2012	40	939	923	229	19,021	270
Breeding livestock purchased or leased farms, 2017	11	79	24	11	117	34
2012	11	113	24	25	143	35
\$1,000, 2017	56	337	101	25	2,056	358
2012	29	626	330	159	2,835	133
Other livestock and poultry purchased or leased farms, 2017	26	99	59	48	245	45
2012	12	99	61	41	273	54
\$1,000, 2017	49	571	309	201	23,602	195
2012	11	313	593	71	16,186	136
Feed purchased farms, 2017	56	368	109	91	601	145
2012	57	433	112	109	636	162
\$1,000, 2017	186	9,531	937	549	99,727	1,459
2012	165	10,664	1,821	765	133,627	1,318
Gasoline, fuels, and oils purchased farms, 2017	108	571	121	190	1,086	304
2012	105	708	133	174	1,311	312
\$1,000, 2017	179	2,156	204	477	13,471	1,111
2012	181	2,840	399	548	16,149	1,650
Utilities farms, 2017	87	393	64	128	809	239
2012	74	453	84	116	995	226
\$1,000, 2017	154	1,170	190	272	13,586	685
2012	83	1,025	163	285	10,329	579
Repairs, supplies, and maintenance costs farms, 2017	97	487	103	185	990	274
2012	88	560	113	146	1,177	258
\$1,000, 2017	360	3,747	543	588	28,892	2,057
2012	251	2,821	513	617	21,479	1,595
Hired farm labor farms, 2017	25	123	30	28	421	76
2012	21	150	41	26	465	71
\$1,000, 2017	247	3,833	314	886	89,819	1,662
2012	175	3,476	345	714	71,147	2,310
Contract labor farms, 2017	5	23	3	6	124	9
2012	5	48	3	13	155	20
\$1,000, 2017	15	50	4	14	12,547	34
2012	(D)	113	2	(D)	7,500	137
Customwork and custom hauling farms, 2017	10	113	23	18	239	61
2012	10	153	44	22	315	70
\$1,000, 2017	47	1,416	119	111	6,944	361
2012	25	814	141	83	4,450	428
Cash rent for land, buildings, and grazing fees farms, 2017	20	135	30	28	326	73
2012	29	153	29	25	415	95
\$1,000, 2017	138	1,833	67	190	14,191	734
2012	107	1,498	337	395	12,551	1,827
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	6	48	12	17	110	27
2012	2	45	5	3	105	12
\$1,000, 2017	38	317	46	54	2,223	42
2012	(D)	130	25	(D)	2,056	97
Interest expense farms, 2017	34	153	38	72	331	106
2012	32	241	80	55	514	112
\$1,000, 2017	194	2,476	189	393	10,421	920
2012	238	2,285	458	374	10,362	732
Secured by real estate farms, 2017	26	136	33	58	266	79
2012	27	189	68	38	418	93
\$1,000, 2017	178	1,889	108	318	7,178	723
2012	195	1,758	357	265	7,238	552
Not secured by real estate farms, 2017	17	86	23	33	156	66
2012	17	146	40	37	260	51
\$1,000, 2017	15	587	81	75	3,242	197
2012	43	527	100	110	3,125	180
Property taxes paid farms, 2017	114	613	138	187	1,074	301
2012	109	723	144	178	1,286	317
\$1,000, 2017	329	2,124	313	627	8,944	1,246
2012	259	2,072	363	527	7,069	862

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Total farm production expenses .....farms, 2017	48	1,250	1,077	896	1,315	62
2012	58	1,318	1,049	967	1,467	65
\$1,000, 2017	1,181	148,461	66,381	200,239	287,131	2,549
2012	806	156,050	74,112	192,982	304,400	2,310
Average per farm .....dollars, 2017	24,600	118,768	61,635	223,481	218,351	41,115
2012	13,896	118,399	70,650	199,568	207,498	35,544
Fertilizer, lime, and soil conditioners purchased .....farms, 2017	16	772	583	556	876	32
2012	12	795	543	568	900	30
\$1,000, 2017	30	26,589	9,210	22,825	30,917	(D)
2012	23	34,144	13,469	28,918	45,394	91
Chemicals purchased .....farms, 2017	7	737	550	447	801	30
2012	15	809	552	505	875	29
\$1,000, 2017	4	15,349	5,515	14,152	16,949	90
2012	5	13,398	4,739	16,888	17,136	42
Seeds, plants, vines, and trees purchased .....farms, 2017	20	685	563	410	819	20
2012	13	770	572	489	921	30
\$1,000, 2017	15	23,461	9,902	15,511	24,800	83
2012	27	22,056	10,601	13,021	27,400	192
Cover crop seed purchased (see text) .....farms, 2017	1	103	71	124	177	6
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	(D)	189	207	681	512	5
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased .....farms, 2017	19	175	228	237	356	15
2012	10	167	203	264	327	19
\$1,000, 2017	123	3,826	1,189	8,747	18,027	445
2012	26	1,779	1,375	6,351	10,626	45
Breeding livestock purchased or leased .....farms, 2017	13	46	80	72	158	8
2012	7	51	78	78	172	12
\$1,000, 2017	34	159	247	940	5,556	200
2012	(D)	154	333	1,426	4,651	36
Other livestock and poultry purchased or leased .....farms, 2017	15	152	183	196	265	9
2012	3	125	143	225	215	7
\$1,000, 2017	89	3,667	942	7,807	12,471	246
2012	(D)	1,625	1,042	4,925	5,975	9
Feed purchased .....farms, 2017	34	316	494	476	570	40
2012	40	298	497	491	597	33
\$1,000, 2017	272	5,498	2,854	23,052	57,403	309
2012	112	7,336	3,955	19,463	55,921	297
Gasoline, fuels, and oils purchased .....farms, 2017	48	1,128	1,061	836	1,262	62
2012	58	1,256	1,028	902	1,411	63
\$1,000, 2017	101	7,262	4,177	9,724	13,987	89
2012	123	10,859	5,348	10,444	20,894	135
Utilities .....farms, 2017	39	889	761	586	1,017	45
2012	37	894	703	564	1,074	46
\$1,000, 2017	70	3,126	1,618	7,074	6,109	51
2012	38	2,976	1,679	5,845	6,451	88
Repairs, supplies, and maintenance costs .....farms, 2017	39	1,032	960	726	1,152	57
2012	46	1,111	893	724	1,234	52
\$1,000, 2017	158	11,093	6,677	15,226	22,958	276
2012	110	13,027	6,887	13,587	24,019	173
Hired farm labor .....farms, 2017	10	299	203	243	441	9
2012	10	374	254	213	455	15
\$1,000, 2017	17	10,999	5,602	21,508	22,816	288
2012	(D)	8,812	4,833	13,289	22,176	386
Contract labor .....farms, 2017	-	53	57	112	94	4
2012	5	74	69	78	107	5
\$1,000, 2017	-	465	264	1,620	1,631	(D)
2012	30	653	514	1,435	1,716	(D)
Customwork and custom hauling .....farms, 2017	9	185	214	307	453	1
2012	1	240	201	309	444	6
\$1,000, 2017	8	1,671	1,160	5,009	7,324	(D)
2012	(D)	1,627	1,545	10,501	7,000	(D)
Cash rent for land, buildings, and grazing fees .....farms, 2017	5	354	321	267	532	12
2012	8	375	353	300	580	11
\$1,000, 2017	31	14,842	5,348	23,043	20,268	162
2012	(D)	18,239	5,620	20,311	24,426	(D)
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....farms, 2017	-	129	68	93	142	2
2012	2	98	49	95	149	4
\$1,000, 2017	-	1,233	586	3,109	2,037	(D)
2012	(D)	964	1,089	1,881	2,965	(D)
Interest expense .....farms, 2017	23	463	337	401	652	18
2012	14	614	348	448	763	22
\$1,000, 2017	54	7,435	3,675	9,182	15,720	51
2012	102	7,137	4,294	9,208	15,287	144
Secured by real estate .....farms, 2017	17	382	273	309	545	10
2012	13	512	284	369	620	20
\$1,000, 2017	49	5,800	2,576	6,551	11,573	26
2012	(D)	5,213	3,092	5,975	10,854	(D)
Not secured by real estate .....farms, 2017	12	292	206	262	408	17
2012	1	301	210	253	492	8
\$1,000, 2017	5	1,635	1,099	2,631	4,147	24
2012	(D)	1,924	1,202	3,232	4,432	(D)
Property taxes paid .....farms, 2017	46	1,173	1,037	850	1,267	60
2012	57	1,275	1,016	923	1,415	62
\$1,000, 2017	164	7,274	4,772	5,560	7,497	334
2012	136	5,983	3,948	6,109	7,350	111

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Total farm production expenses farms, 2017	972	1,241	953	1,245	248	304
2012	1,033	1,322	1,113	1,236	287	357
\$1,000, 2017	85,946	197,990	177,947	94,317	23,547	15,896
2012	101,056	191,800	162,152	91,257	27,405	10,965
Average per farm dollars, 2017	88,422	159,541	186,723	75,755	94,948	52,288
2012	97,827	145,083	145,689	73,833	95,489	30,714
Fertilizer, lime, and soil conditioners purchased farms, 2017	524	772	566	606	139	135
2012	560	743	631	586	155	140
\$1,000, 2017	9,769	22,309	15,306	12,118	955	955
2012	18,705	33,514	15,095	11,984	1,120	675
Chemicals purchased farms, 2017	488	668	510	528	82	85
2012	581	703	634	586	135	131
\$1,000, 2017	5,066	12,683	11,946	5,578	521	360
2012	6,086	13,296	11,043	5,573	475	377
Seeds, plants, vines, and trees purchased farms, 2017	469	681	292	570	118	96
2012	570	706	437	601	152	119
\$1,000, 2017	10,708	19,614	12,956	10,398	2,878	749
2012	11,950	19,394	9,835	9,833	5,336	522
Cover crop seed purchased (see text) farms, 2017	78	173	66	76	18	41
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	99	625	470	191	3	25
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	236	247	159	372	56	80
2012	241	269	190	303	53	74
\$1,000, 2017	1,021	9,752	2,759	4,804	307	702
2012	1,255	6,756	1,915	4,201	203	483
Breeding livestock purchased or leased farms, 2017	93	105	62	136	14	27
2012	83	91	84	102	10	35
\$1,000, 2017	294	2,093	200	339	57	432
2012	638	1,641	341	402	13	244
Other livestock and poultry purchased or leased farms, 2017	175	171	121	323	49	64
2012	184	219	126	227	51	52
\$1,000, 2017	727	7,660	2,559	4,464	250	270
2012	617	5,115	1,574	3,799	189	239
Feed purchased farms, 2017	449	461	348	686	112	160
2012	446	512	386	695	124	185
\$1,000, 2017	10,122	22,788	18,277	4,755	1,405	2,659
2012	11,369	17,269	17,533	8,170	1,171	1,867
Gasoline, fuels, and oils purchased farms, 2017	922	1,149	914	1,212	219	287
2012	995	1,262	1,048	1,192	272	336
\$1,000, 2017	4,974	9,539	6,941	4,903	1,366	1,070
2012	7,059	12,248	11,803	6,262	1,882	1,043
Utilities farms, 2017	663	915	667	838	183	171
2012	702	879	686	805	189	190
\$1,000, 2017	2,542	3,817	4,755	2,667	1,930	702
2012	2,269	3,745	4,038	2,144	935	374
Repairs, supplies, and maintenance costs farms, 2017	816	1,036	772	1,107	214	232
2012	864	1,076	903	1,041	234	264
\$1,000, 2017	8,856	16,026	11,991	7,934	2,181	1,212
2012	10,175	14,988	10,059	6,508	1,561	927
Hired farm labor farms, 2017	198	340	346	306	93	55
2012	212	338	418	310	87	73
\$1,000, 2017	7,986	17,955	44,233	9,769	7,258	3,022
2012	6,671	11,457	32,899	9,575	9,328	1,574
Contract labor farms, 2017	22	88	148	70	26	14
2012	69	66	183	84	24	19
\$1,000, 2017	232	1,366	6,472	639	200	154
2012	502	967	3,973	787	220	243
Customwork and custom hauling farms, 2017	175	302	136	247	19	41
2012	197	247	202	184	24	41
\$1,000, 2017	753	4,715	2,983	1,288	116	241
2012	969	3,080	3,206	1,087	140	126
Cash rent for land, buildings, and grazing fees farms, 2017	251	411	165	312	43	39
2012	295	423	205	344	69	52
\$1,000, 2017	6,018	23,073	10,805	7,472	304	797
2012	7,019	25,038	16,607	6,194	548	527
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	73	180	84	100	18	18
2012	65	179	112	73	14	22
\$1,000, 2017	710	3,256	2,608	868	226	208
2012	743	2,718	2,833	618	65	35
Interest expense farms, 2017	335	554	312	448	55	67
2012	430	529	353	450	82	89
\$1,000, 2017	5,582	9,442	6,150	6,152	446	605
2012	5,472	7,867	6,880	4,556	980	562
Secured by real estate farms, 2017	256	437	252	375	44	60
2012	334	412	288	340	72	67
\$1,000, 2017	4,297	6,491	4,571	4,516	387	331
2012	3,757	5,499	4,219	3,482	860	452
Not secured by real estate farms, 2017	210	338	163	273	28	47
2012	258	324	189	261	35	56
\$1,000, 2017	1,285	2,951	1,579	1,636	59	274
2012	1,715	2,369	2,662	1,073	120	110
Property taxes paid farms, 2017	916	1,175	932	1,178	215	301
2012	991	1,261	1,069	1,174	256	357
\$1,000, 2017	4,693	7,678	5,650	7,883	1,138	969
2012	4,220	6,472	4,469	6,580	1,208	974

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) .....farms, 2017	16,114	78	52	492	154	91
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	101,203	172	205	10,441	319	154
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) .....farms, 2017	20,261	72	51	548	143	149
2012 ¹	27,265	105	46	770	224	187
\$1,000, 2017	544,913	864	172	48,832	1,231	2,211
2012 ¹	588,760	691	181	57,246	1,278	1,476
Production expenses paid by landlords ² .....farms, 2017	648	-	3	16	1	1
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	11,510	-	1	151	(D)	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed .....farms, 2017	20,933	96	43	513	162	143
2012	25,205	107	35	670	217	148
\$1,000, 2017	743,296	2,380	644	43,699	2,574	3,635
2012	697,008	1,404	268	30,467	2,772	2,903
Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) .....farms, 2017	58	28	376	95	50	199
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	476	24	4,331	322	30	352
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) .....farms, 2017	153	24	375	320	97	400
2012 ¹	157	33	484	397	95	598
\$1,000, 2017	2,455	93	6,778	6,102	788	16,419
2012 ¹	2,168	65	8,080	5,930	628	12,977
Production expenses paid by landlords ² .....farms, 2017	1	-	8	5	-	12
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	(D)	-	60	41	-	246
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed .....farms, 2017	159	25	390	385	91	396
2012	178	22	459	431	89	547
\$1,000, 2017	5,333	579	12,645	14,842	1,022	11,522
2012	4,811	212	12,518	16,334	1,027	12,262
Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) .....farms, 2017	288	355	234	94	114	159
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	1,284	1,791	2,092	140	140	428
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) .....farms, 2017	340	360	342	57	93	131
2012 ¹	546	544	421	153	147	205
\$1,000, 2017	5,922	6,583	8,233	517	1,067	611
2012 ¹	7,212	8,261	7,277	590	2,028	622
Production expenses paid by landlords ² .....farms, 2017	10	22	25	2	1	2
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	531	707	214	(D)	(D)	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed .....farms, 2017	352	450	328	81	86	150
2012	538	536	407	87	110	205
\$1,000, 2017	14,063	10,160	12,171	949	955	2,005
2012	14,201	11,661	14,056	1,117	1,026	1,548

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	192	375	37	90	47	296
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	527	4,124	21	111	102	492
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	120	451	11	106	63	370
2012 ¹	238	598	34	155	80	630
\$1,000, 2017	798	16,488	32	592	242	3,887
2012 ¹	1,026	14,044	57	727	377	5,457
Production expenses paid by landlords ² farms, 2017	7	11	-	-	-	11
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	17	132	-	-	-	103
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	150	477	9	112	64	478
2012	174	621	13	142	83	565
\$1,000, 2017	2,085	23,087	72	1,259	769	9,951
2012	1,924	17,394	(D)	1,218	1,145	10,851
Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	109	281	169	26	135	190
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	165	450	244	26	197	3,999
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	114	308	148	21	195	391
2012 ¹	152	458	261	28	247	475
\$1,000, 2017	648	9,049	887	75	1,856	17,380
2012 ¹	419	9,733	1,104	(D)	3,245	18,720
Production expenses paid by landlords ² farms, 2017	-	11	4	-	9	26
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	-	518	4	-	735	589
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	113	338	156	20	215	424
2012	133	382	200	28	264	484
\$1,000, 2017	1,388	6,807	2,202	164	3,700	20,087
2012	1,131	8,105	2,149	117	3,102	21,996
Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	382	65	343	386	427	95
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2,350	58	7,992	1,623	4,505	389
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	474	63	694	369	432	91
2012 ¹	684	73	699	564	668	123
\$1,000, 2017	9,508	310	25,253	5,530	57,256	956
2012 ¹	8,826	261	29,718	7,328	60,990	1,197
Production expenses paid by landlords ² farms, 2017	24	1	27	14	11	2
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	409	(D)	1,137	191	140	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	543	73	719	354	469	92
2012	676	60	790	459	638	108
\$1,000, 2017	16,677	785	44,602	12,860	23,776	2,374
2012	14,218	261	54,468	11,044	26,740	1,906

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) .....farms, 2017	63	354	390	254	56	400
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	51	1,718	950	3,529	64	2,241
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) .....farms, 2017	48	416	368	316	78	472
2012 ¹	56	506	603	444	80	631
\$1,000, 2017	382	4,357	4,437	26,587	320	19,744
2012 ¹	279	7,568	5,852	28,249	402	25,574
Production expenses paid by landlords ² .....farms, 2017	1	8	8	3	6	13
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	(D)	31	203	30	2	305
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed .....farms, 2017	49	430	373	312	87	471
2012	40	463	509	400	73	557
\$1,000, 2017	509	13,491	8,440	18,097	1,203	18,930
2012	391	9,808	7,517	18,721	1,057	15,408
Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) .....farms, 2017	3	61	421	102	325	318
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2	95	1,070	240	2,388	880
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) .....farms, 2017	3	55	390	232	600	282
2012 ¹	4	98	597	284	702	408
\$1,000, 2017	4	360	4,682	3,023	15,153	3,293
2012 ¹	(D)	436	6,766	2,750	12,028	4,087
Production expenses paid by landlords ² .....farms, 2017	-	-	8	3	29	8
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	-	-	29	(D)	665	31
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed .....farms, 2017	3	46	390	259	605	288
2012	2	87	480	282	749	313
\$1,000, 2017	16	614	10,798	6,916	28,431	4,026
2012	(D)	1,115	11,120	3,540	21,277	6,399
Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) .....farms, 2017	35	37	120	82	54	157
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	22	162	576	57	74	835
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) .....farms, 2017	15	37	206	104	65	204
2012 ¹	22	61	284	111	86	226
\$1,000, 2017	(D)	204	3,381	599	266	4,147
2012 ¹	135	275	4,511	581	309	3,234
Production expenses paid by landlords ² .....farms, 2017	-	-	15	3	-	6
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	-	-	52	11	-	111
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed .....farms, 2017	25	41	191	115	46	213
2012	20	37	248	123	68	210
\$1,000, 2017	542	479	5,540	1,207	725	4,785
2012	263	299	5,719	1,083	528	5,093

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	261	143	185	176	263	380
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	5,211	1,016	518	3,254	440	1,346
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	237	147	210	175	531	400
2012 ¹	364	201	259	228	577	535
\$1,000, 2017	6,059	1,405	2,895	7,934	18,516	10,867
2012 ¹	4,618	4,213	4,571	6,599	13,776	9,248
Production expenses paid by landlords ² farms, 2017	6	6	6	8	36	22
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	29	33	30	43	629	616
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	274	126	195	140	553	390
2012	367	180	231	201	605	482
\$1,000, 2017	9,415	3,127	3,877	10,432	15,187	20,832
2012	8,234	3,013	4,803	7,519	16,079	17,422
Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	54	193	298	193	132	126
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	256	517	2,436	489	1,249	1,096
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	51	197	285	191	259	135
2012 ¹	74	299	501	321	318	151
\$1,000, 2017	417	6,769	5,866	1,750	6,596	2,763
2012 ¹	444	7,552	6,835	2,242	5,580	2,897
Production expenses paid by landlords ² farms, 2017	3	3	3	2	5	1
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	38	(D)	(D)	(D)	110	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	72	179	349	141	267	120
2012	71	218	399	181	294	126
\$1,000, 2017	1,079	6,533	10,563	3,003	16,158	5,501
2012	872	5,189	8,451	2,530	11,607	3,249
Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	42	246	66	60	474	91
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	45	962	139	69	5,176	137
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	41	205	44	65	561	127
2012 ¹	52	346	75	89	815	158
\$1,000, 2017	196	2,410	201	443	37,711	814
2012 ¹	82	4,823	200	276	48,420	836
Production expenses paid by landlords ² farms, 2017	-	8	-	-	14	10
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	-	21	-	-	219	45
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	53	250	33	70	550	113
2012	31	324	61	81	752	146
\$1,000, 2017	756	4,192	656	1,075	43,005	2,204
2012	276	3,941	607	988	30,287	1,783

See footnote(s) at end of table.

--continued

Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) .....farms, 2017	26	203	362	319	466	31
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	25	589	455	891	5,092	60
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) .....farms, 2017	24	589	408	409	761	39
2012 ¹	20	676	508	517	864	32
\$1,000, 2017	110	7,748	3,376	14,006	13,598	(D)
2012 ¹	41	7,060	4,216	15,732	15,638	202
Production expenses paid by landlords ² .....farms, 2017	-	23	10	6	34	-
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	-	208	345	18	356	-
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed .....farms, 2017	19	600	442	443	804	17
2012	15	728	478	480	872	27
\$1,000, 2017	194	15,733	10,509	18,858	37,007	104
2012	126	21,227	10,445	18,191	36,909	253
Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock (see text) .....farms, 2017	315	312	226	495	81	101
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	1,127	1,460	755	1,049	144	176
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) .....farms, 2017	414	593	407	591	122	76
2012 ¹	555	688	548	710	145	157
\$1,000, 2017	5,787	12,519	13,359	6,037	2,174	1,315
2012 ¹	6,593	12,991	9,963	7,186	2,233	658
Production expenses paid by landlords ² .....farms, 2017	17	17	6	22	1	1
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	137	265	6	580	(D)	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed .....farms, 2017	407	623	394	540	72	97
2012	563	675	507	606	103	134
\$1,000, 2017	11,800	23,917	15,097	12,020	2,572	1,318
2012	12,733	24,673	18,659	8,637	1,393	1,123

¹ Data for 2012 include expenses for medical supplies, veterinary, and custom services for animals.

² Landlord production expenses are included within total farm production expenses.

Table 4. Net Cash Farm Income of the Operations and Producers: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Net cash farm income of the operations .....\$1,000, 2017	1,496,660	2,426	-70	104,479	6,927	8,066
..... 2012	2,230,681	1,698	482	92,820	4,240	155
Average per farm dollars, 2017	31,415	10,877	-559	89,146	16,692	24,221
..... 2012	42,738	7,225	5,187	66,490	9,258	373
Farms with net gains ¹ farms, 2017	21,009	82	51	519	137	156
..... 2012	24,112	81	38	614	168	154
Average per farm dollars, 2017	95,516	47,615	22,924	235,676	66,979	71,285
..... 2012	113,705	38,554	32,708	185,436	53,108	41,112
Farms with net losses farms, 2017	26,632	141	75	653	278	177
..... 2012	28,082	154	55	782	290	261
Average per farm dollars, 2017	19,151	10,489	16,528	27,316	8,090	17,259
..... 2012	18,196	9,253	13,827	26,903	16,145	23,665
Net cash farm income of producers (see text) .....\$1,000, 2017	1,389,905	2,426	-74	99,304	6,918	8,128
..... 2012	2,108,164	1,697	482	76,774	4,189	169
Average per farm dollars, 2017	29,175	10,877	-588	84,731	16,669	24,409
..... 2012	40,391	7,219	5,187	54,996	9,146	408
Producers reporting net gains ¹ (see text) farms, 2017	20,859	82	51	514	137	156
..... 2012	24,006	81	38	614	168	153
Average per farm dollars, 2017	91,840	47,615	22,859	227,942	66,979	71,685
..... 2012	109,474	38,554	32,708	159,652	52,927	42,014
Producers reporting net losses (see text) farms, 2017	26,782	141	75	658	278	177
..... 2012	28,188	154	55	782	290	262
Average per farm dollars, 2017	19,632	10,489	16,531	27,139	8,124	17,259
..... 2012	18,443	9,262	13,827	27,177	16,216	23,888
Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Net cash farm income of the operations .....\$1,000, 2017	11,182	835	32,272	26,528	1,327	36,123
..... 2012	18,495	-43	42,274	61,865	-207	33,447
Average per farm dollars, 2017	31,948	12,846	34,406	36,540	6,734	41,425
..... 2012	43,931	-747	41,003	80,763	-1,142	31,465
Farms with net gains ¹ farms, 2017	197	33	384	442	79	429
..... 2012	221	18	410	502	60	531
Average per farm dollars, 2017	67,406	33,909	108,780	77,475	39,098	108,688
..... 2012	92,181	18,293	124,504	133,033	33,054	91,487
Farms with net losses farms, 2017	153	32	554	284	118	443
..... 2012	200	39	621	264	121	532
Average per farm dollars, 2017	13,706	8,875	17,146	27,169	14,934	23,712
..... 2012	9,386	9,534	14,127	18,627	18,098	28,445
Net cash farm income of producers (see text) .....\$1,000, 2017	11,067	835	31,507	25,408	1,315	33,418
..... 2012	18,276	-44	41,293	60,108	-218	32,124
Average per farm dollars, 2017	31,621	12,840	33,590	34,997	6,673	38,323
..... 2012	43,412	-765	40,052	78,469	-1,206	30,220
Producers reporting net gains ¹ (see text) farms, 2017	197	33	383	441	79	419
..... 2012	220	18	410	501	60	524
Average per farm dollars, 2017	66,824	33,909	106,136	75,538	38,946	106,622
..... 2012	91,625	18,233	121,855	129,858	32,859	90,776
Producers reporting net losses (see text) farms, 2017	153	32	555	285	118	453
..... 2012	201	39	621	265	121	539
Average per farm dollars, 2017	13,706	8,887	16,474	27,733	14,934	24,850
..... 2012	9,358	9,534	13,957	18,684	18,098	28,650
Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Net cash farm income of the operations .....\$1,000, 2017	34,895	16,456	28,810	2,596	-278	3,657
..... 2012	47,202	21,506	56,028	1,510	-1,217	2,513
Average per farm dollars, 2017	44,227	17,178	38,567	9,578	-842	8,565
..... 2012	44,783	21,022	70,210	5,084	-3,888	6,143
Farms with net gains ¹ farms, 2017	382	360	314	103	112	191
..... 2012	475	414	362	99	103	189
Average per farm dollars, 2017	116,026	70,715	115,304	38,858	20,776	32,346
..... 2012	117,635	79,048	175,270	39,745	17,278	28,448
Farms with net losses farms, 2017	407	598	433	168	218	236
..... 2012	579	609	436	198	210	220
Average per farm dollars, 2017	23,162	15,051	17,080	8,374	11,948	10,682
..... 2012	14,983	18,424	17,018	12,247	14,269	13,019
Net cash farm income of producers (see text) .....\$1,000, 2017	28,561	14,249	25,769	2,612	-282	3,468
..... 2012	44,489	20,030	51,520	1,497	-1,223	2,511
Average per farm dollars, 2017	36,199	14,874	34,496	9,637	-853	8,121
..... 2012	42,210	19,580	64,562	5,040	-3,908	6,140
Producers reporting net gains ¹ (see text) farms, 2017	373	354	311	104	112	191
..... 2012	474	413	359	99	103	189
Average per farm dollars, 2017	106,897	67,204	109,056	38,590	20,824	31,359
..... 2012	112,914	75,619	165,192	39,745	17,227	28,499
Producers reporting net losses (see text) farms, 2017	416	604	436	167	218	236
..... 2012	580	610	439	198	210	220
Average per farm dollars, 2017	27,190	15,796	18,687	8,393	11,990	10,686
..... 2012	15,573	18,361	17,731	12,312	14,274	13,068

See footnote(s) at end of table.

--continued

Table 4. Net Cash Farm Income of the Operations and Producers: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Net cash farm income of the operations .....\$1,000, 2017	3,719	24,620	-396	1,409	72	20,986
..... 2012	3,993	72,841	-403	4,012	728	37,411
Average per farm dollars, 2017	9,391	24,209	-8,796	5,571	455	21,815
..... 2012	8,680	64,575	-8,220	14,177	4,494	32,167
Farms with net gains ¹ .....farms, 2017	169	470	8	85	49	477
..... 2012	160	645	11	107	55	598
Average per farm dollars, 2017	40,136	76,160	12,804	41,982	21,260	56,864
..... 2012	44,726	125,411	3,269	57,281	30,350	74,841
Farms with net losses .....farms, 2017	227	547	37	168	109	485
..... 2012	300	483	38	176	107	565
Average per farm dollars, 2017	13,498	20,429	13,466	12,851	8,897	12,655
..... 2012	10,545	16,665	11,545	12,029	8,796	12,999
Net cash farm income of producers (see text) .....\$1,000, 2017	3,512	23,449	-396	1,420	68	20,161
..... 2012	3,793	71,763	-404	4,010	719	35,197
Average per farm dollars, 2017	8,869	23,057	-8,796	5,611	431	20,957
..... 2012	8,247	63,620	-8,240	14,171	4,440	30,264
Producers reporting net gains ¹ (see text) .....farms, 2017	169	468	8	85	48	472
..... 2012	158	645	11	107	53	590
Average per farm dollars, 2017	38,894	75,624	12,804	42,101	21,651	55,812
..... 2012	44,414	123,830	3,269	57,274	31,445	72,179
Producers reporting net losses (see text) .....farms, 2017	227	549	37	168	110	490
..... 2012	302	483	38	176	109	573
Average per farm dollars, 2017	13,484	21,755	13,466	12,851	8,829	12,618
..... 2012	10,676	16,785	11,572	12,033	8,690	12,895
Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Net cash farm income of the operations .....\$1,000, 2017	-2,285	8,159	1,872	118	10,750	50,081
..... 2012	-1,313	24,545	4,154	-110	-561	112,148
Average per farm dollars, 2017	-7,053	9,951	4,079	2,183	21,630	61,677
..... 2012	-4,575	29,395	7,794	-1,767	-1,113	127,731
Farms with net gains ¹ .....farms, 2017	111	302	208	14	211	474
..... 2012	83	294	211	22	179	580
Average per farm dollars, 2017	25,926	54,201	23,808	25,619	70,463	130,267
..... 2012	22,319	108,727	35,276	11,724	43,898	207,544
Farms with net losses .....farms, 2017	213	518	251	40	286	338
..... 2012	204	541	322	40	325	298
Average per farm dollars, 2017	24,240	15,848	12,269	6,019	14,398	34,512
..... 2012	15,517	13,717	10,214	9,187	25,904	27,610
Net cash farm income of producers (see text) .....\$1,000, 2017	-2,285	8,047	1,821	118	10,330	37,794
..... 2012	-1,315	24,132	4,082	-119	-586	97,387
Average per farm dollars, 2017	-7,053	9,813	3,968	2,183	20,784	46,545
..... 2012	-4,582	28,901	7,659	-1,922	-1,163	110,919
Producers reporting net gains ¹ (see text) .....farms, 2017	111	295	207	14	210	466
..... 2012	82	294	210	20	177	574
Average per farm dollars, 2017	25,926	55,777	23,673	25,618	69,939	109,863
..... 2012	22,595	107,529	35,117	12,568	44,335	185,347
Producers reporting net losses (see text) .....farms, 2017	213	525	252	40	287	346
..... 2012	205	541	323	42	327	304
Average per farm dollars, 2017	24,240	16,014	12,219	6,019	15,183	38,734
..... 2012	15,453	13,828	10,194	8,822	25,790	29,612
Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Net cash farm income of the operations .....\$1,000, 2017	29,424	1,100	108,049	24,847	49,953	3,479
..... 2012	41,258	1,147	190,089	29,498	113,065	4,213
Average per farm dollars, 2017	24,418	5,290	93,711	27,245	52,362	14,257
..... 2012	26,966	6,482	157,750	31,248	101,952	14,887
Farms with net gains ¹ .....farms, 2017	605	81	767	314	420	91
..... 2012	756	68	859	374	592	99
Average per farm dollars, 2017	74,741	40,953	169,916	110,189	148,370	59,389
..... 2012	67,440	27,735	234,708	114,889	205,552	61,369
Farms with net losses .....farms, 2017	600	127	386	598	534	153
..... 2012	774	109	346	570	517	184
Average per farm dollars, 2017	26,325	17,455	57,710	16,308	23,150	12,586
..... 2012	12,566	6,777	33,309	23,632	16,677	10,122
Net cash farm income of producers (see text) .....\$1,000, 2017	25,129	1,089	100,097	24,092	44,899	3,431
..... 2012	39,704	1,143	178,502	28,975	109,980	4,390
Average per farm dollars, 2017	20,854	5,234	86,815	26,416	47,064	14,060
..... 2012	25,950	6,459	148,134	30,694	99,170	15,513
Producers reporting net gains ¹ (see text) .....farms, 2017	602	81	758	313	420	91
..... 2012	753	68	846	373	591	99
Average per farm dollars, 2017	68,102	40,938	166,937	109,526	136,234	58,838
..... 2012	65,496	27,719	225,869	113,898	201,079	63,131
Producers reporting net losses (see text) .....farms, 2017	603	127	395	599	534	153
..... 2012	777	109	359	571	518	184
Average per farm dollars, 2017	26,316	17,538	66,939	17,011	23,070	12,573
..... 2012	12,374	6,805	35,051	23,658	17,101	10,108

See footnote(s) at end of table.

--continued

Table 4. Net Cash Farm Income of the Operations and Producers: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Net cash farm income of the operations .....\$1,000, 2017	-246	20,691	5,448	56,591	1,437	43,745
..... 2012	269	35,132	14,598	53,373	1,218	37,895
Average per farm dollars, 2017	-1,849	21,576	5,902	80,044	6,387	43,311
..... 2012	2,303	37,858	13,605	72,715	5,439	32,697
Farms with net gains ¹ farms, 2017	31	471	289	305	69	352
..... 2012	47	461	383	323	64	461
Average per farm dollars, 2017	18,045	61,471	58,575	210,078	46,360	172,774
..... 2012	21,427	88,250	63,155	204,219	42,233	120,778
Farms with net losses farms, 2017	102	488	634	402	156	658
..... 2012	70	467	690	411	160	698
Average per farm dollars, 2017	7,895	16,929	18,108	18,613	11,294	25,945
..... 2012	10,538	11,887	13,899	30,633	9,278	25,477
Net cash farm income of producers (see text) .....\$1,000, 2017	-247	19,944	4,629	55,630	1,430	41,526
..... 2012	280	34,690	14,610	49,680	1,218	36,200
Average per farm dollars, 2017	-1,860	20,796	5,015	78,684	6,355	41,114
..... 2012	2,391	37,382	13,616	66,851	5,439	31,233
Producers reporting net gains ¹ (see text) farms, 2017	31	472	285	305	69	352
..... 2012	47	460	380	321	64	462
Average per farm dollars, 2017	18,000	59,904	55,934	206,940	46,232	166,465
..... 2012	21,690	87,534	63,785	195,531	42,233	116,764
Producers reporting net losses (see text) farms, 2017	102	487	638	402	156	658
..... 2012	70	468	693	413	160	697
Average per farm dollars, 2017	7,895	17,107	17,731	18,625	11,283	25,943
..... 2012	10,566	11,913	13,894	33,164	9,278	25,459
Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Net cash farm income of the operations .....\$1,000, 2017	-38	-206	17,759	1,854	52,769	9,756
..... 2012	-63	-747	37,606	-5,497	41,454	10,533
Average per farm dollars, 2017	-4,226	-1,226	17,531	3,945	38,772	13,475
..... 2012	-10,442	-3,736	33,192	-11,128	25,620	14,350
Farms with net gains ¹ farms, 2017	6	53	355	175	757	195
..... 2012	-	57	459	155	923	237
Average per farm dollars, 2017	112	18,261	81,321	71,724	84,845	94,244
..... 2012	-	18,690	100,746	47,237	59,140	77,153
Farms with net losses farms, 2017	3	115	658	295	604	529
..... 2012	6	143	674	339	695	497
Average per farm dollars, 2017	12,901	10,207	16,884	36,263	18,972	16,298
..... 2012	10,442	12,675	12,814	37,813	18,895	15,598
Net cash farm income of producers (see text) .....\$1,000, 2017	-38	-206	16,263	1,201	53,751	9,780
..... 2012	-63	-747	37,479	-5,972	41,444	10,482
Average per farm dollars, 2017	-4,226	-1,226	16,054	2,556	39,494	13,508
..... 2012	-10,442	-3,734	33,080	-12,090	25,614	14,281
Producers reporting net gains ¹ (see text) farms, 2017	6	53	355	175	766	195
..... 2012	-	57	459	155	927	237
Average per farm dollars, 2017	112	18,261	77,163	70,424	84,809	94,271
..... 2012	-	18,696	100,520	46,394	58,668	76,929
Producers reporting net losses (see text) farms, 2017	3	115	658	295	595	529
..... 2012	6	143	674	339	691	497
Average per farm dollars, 2017	12,901	10,207	16,915	37,705	18,845	16,263
..... 2012	10,442	12,675	12,848	38,830	18,728	15,593
Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Net cash farm income of the operations .....\$1,000, 2017	157	1,991	14,005	515	-1,165	13,399
..... 2012	773	1,575	13,951	-818	-741	14,154
Average per farm dollars, 2017	2,208	19,713	34,666	1,881	-6,506	28,387
..... 2012	17,977	15,294	27,790	-2,525	-4,412	32,168
Farms with net gains ¹ farms, 2017	18	54	190	94	52	202
..... 2012	18	34	240	101	47	193
Average per farm dollars, 2017	38,184	46,239	120,373	30,591	15,114	82,503
..... 2012	55,819	64,634	93,922	23,003	15,948	90,194
Farms with net losses farms, 2017	53	47	214	180	127	270
..... 2012	25	69	262	223	121	247
Average per farm dollars, 2017	10,011	10,764	41,430	13,112	15,359	12,099
..... 2012	9,270	9,018	32,788	14,087	12,321	13,172
Net cash farm income of producers (see text) .....\$1,000, 2017	157	1,569	14,057	235	-1,165	12,199
..... 2012	778	1,557	13,874	-910	-752	12,128
Average per farm dollars, 2017	2,208	15,533	34,794	858	-6,506	25,846
..... 2012	18,104	15,113	27,637	-2,808	-4,478	27,564
Producers reporting net gains ¹ (see text) farms, 2017	18	54	190	94	52	202
..... 2012	18	34	240	101	46	193
Average per farm dollars, 2017	38,184	38,422	120,630	27,493	15,114	76,584
..... 2012	56,123	64,469	93,584	22,027	16,114	87,668
Producers reporting net losses (see text) farms, 2017	53	47	214	180	127	270
..... 2012	25	69	262	223	122	247
Average per farm dollars, 2017	10,011	10,764	41,416	13,052	15,359	12,114
..... 2012	9,270	9,207	32,772	14,056	12,242	19,400

See footnote(s) at end of table.

--continued

Table 4. Net Cash Farm Income of the Operations and Producers: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Net cash farm income of the operations .....\$1,000, 2017	13,108	9,368	4,591	24,058	27,569	34,171
..... 2012	18,578	11,931	24,263	44,147	34,840	74,903
Average per farm dollars, 2017	18,888	26,537	8,661	59,255	25,409	35,521
..... 2012	23,849	29,979	43,717	101,956	30,455	66,462
Farms with net gains ¹ .....farms, 2017	294	150	229	167	485	388
..... 2012	314	147	249	172	634	515
Average per farm dollars, 2017	62,648	76,630	44,784	178,209	79,047	112,022
..... 2012	78,692	98,982	113,078	280,607	71,002	163,961
Farms with net losses .....farms, 2017	400	203	301	239	600	574
..... 2012	465	251	306	261	510	612
Average per farm dollars, 2017	13,276	10,477	18,820	23,863	17,948	16,191
..... 2012	13,185	10,434	12,724	15,775	19,951	15,584
Net cash farm income of producers (see text) .....\$1,000, 2017	12,140	9,329	3,176	23,694	26,939	32,389
..... 2012	16,920	12,032	21,740	41,452	33,625	71,688
Average per farm dollars, 2017	17,493	26,427	5,993	58,359	24,829	33,668
..... 2012	21,720	30,232	39,172	95,732	29,392	63,610
Producers reporting net gains ¹ (see text) .....farms, 2017	291	150	225	169	479	384
..... 2012	311	148	247	170	628	514
Average per farm dollars, 2017	59,924	76,336	39,702	173,638	79,570	108,718
..... 2012	74,280	98,949	103,989	268,675	69,948	158,449
Producers reporting net losses (see text) .....farms, 2017	403	203	305	237	606	578
..... 2012	468	250	308	263	516	613
Average per farm dollars, 2017	13,146	10,452	18,874	23,844	18,441	16,192
..... 2012	13,209	10,449	12,808	16,057	19,966	15,913
Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Net cash farm income of the operations .....\$1,000, 2017	2,368	9,927	25,634	1,570	16,623	14,123
..... 2012	3,215	18,514	22,593	3,757	12,927	12,025
Average per farm dollars, 2017	13,303	20,855	30,158	3,054	30,500	48,038
..... 2012	21,291	36,019	24,478	6,996	21,227	42,945
Farms with net gains ¹ .....farms, 2017	52	171	292	113	233	172
..... 2012	62	208	359	153	258	119
Average per farm dollars, 2017	68,854	98,271	111,939	85,988	118,642	90,865
..... 2012	65,073	105,069	91,838	80,891	89,462	125,083
Farms with net losses .....farms, 2017	126	305	558	401	312	122
..... 2012	89	306	564	384	351	161
Average per farm dollars, 2017	9,624	22,549	12,638	20,317	35,323	12,341
..... 2012	9,209	10,917	18,399	22,447	28,928	17,766
Net cash farm income of producers (see text) .....\$1,000, 2017	2,341	8,289	24,070	1,557	15,470	14,122
..... 2012	3,216	18,537	22,337	3,755	12,333	11,571
Average per farm dollars, 2017	13,151	17,413	28,317	3,030	28,386	48,033
..... 2012	21,298	36,064	24,200	6,992	20,252	41,324
Producers reporting net gains ¹ (see text) .....farms, 2017	50	171	293	113	234	172
..... 2012	62	209	359	153	259	119
Average per farm dollars, 2017	71,679	90,964	106,225	85,830	113,350	90,875
..... 2012	65,091	104,667	91,334	80,885	88,256	121,373
Producers reporting net losses (see text) .....farms, 2017	128	305	557	401	311	122
..... 2012	89	305	564	384	350	161
Average per farm dollars, 2017	9,711	23,823	12,665	20,303	35,542	12,366
..... 2012	9,209	10,945	18,532	22,450	30,071	17,842
Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Net cash farm income of the operations .....\$1,000, 2017	838	8,360	2,251	625	85,262	4,182
..... 2012	693	10,602	863	1,543	111,092	5,665
Average per farm dollars, 2017	7,349	13,376	15,635	3,241	75,453	12,988
..... 2012	6,360	14,136	5,951	8,574	81,505	17,537
Farms with net gains ¹ .....farms, 2017	51	223	63	72	570	117
..... 2012	49	284	57	70	684	129
Average per farm dollars, 2017	29,391	57,550	47,200	30,645	176,447	56,294
..... 2012	22,878	57,643	38,339	43,686	198,619	72,227
Farms with net losses .....farms, 2017	63	402	81	121	560	205
..... 2012	60	466	88	110	679	194
Average per farm dollars, 2017	10,494	11,128	8,915	13,066	27,345	11,728
..... 2012	7,129	12,378	15,027	13,769	36,470	18,829
Net cash farm income of producers (see text) .....\$1,000, 2017	835	8,366	2,251	621	82,747	4,153
..... 2012	685	10,581	863	1,537	108,595	5,625
Average per farm dollars, 2017	7,321	13,385	15,635	3,216	73,227	12,897
..... 2012	6,283	14,108	5,952	8,539	79,674	17,416
Producers reporting net gains ¹ (see text) .....farms, 2017	51	221	63	72	567	117
..... 2012	49	282	57	70	680	129
Average per farm dollars, 2017	29,329	58,132	47,200	30,645	173,078	56,031
..... 2012	22,706	58,021	38,341	43,602	195,809	71,950
Producers reporting net losses (see text) .....farms, 2017	63	404	81	121	563	205
..... 2012	60	468	88	110	683	194
Average per farm dollars, 2017	10,494	11,093	8,915	13,106	27,332	11,722
..... 2012	7,129	12,352	15,027	13,774	35,952	18,845

See footnote(s) at end of table.

--continued

Table 4. Net Cash Farm Income of the Operations and Producers: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Net cash farm income of the operations \$1,000, 2017	6	35,722	20,077	51,312	90,094	241
..... 2012	-255	99,266	38,293	62,892	135,104	187
Average per farm dollars, 2017	124	28,578	18,642	57,268	68,512	3,880
..... 2012	-4,389	75,316	36,505	65,039	92,095	2,877
Farms with net gains ¹ farms, 2017	16	765	431	392	825	16
..... 2012	20	855	525	452	908	25
Average per farm dollars, 2017	26,847	58,157	65,641	156,770	120,586	38,335
..... 2012	7,839	123,865	86,889	166,700	162,613	30,117
Farms with net losses farms, 2017	32	485	646	504	490	46
..... 2012	38	463	524	515	559	40
Average per farm dollars, 2017	13,238	18,079	12,715	20,122	19,162	8,105
..... 2012	10,825	14,337	13,976	24,186	22,448	14,148
Net cash farm income of producers (see text) \$1,000, 2017	6	28,913	19,035	42,182	87,029	241
..... 2012	-255	90,477	38,721	53,180	128,885	183
Average per farm dollars, 2017	124	23,130	17,674	47,078	66,182	3,880
..... 2012	-4,389	68,647	36,912	54,995	87,856	2,809
Producers reporting net gains ¹ (see text) farms, 2017	16	749	432	384	814	16
..... 2012	20	850	523	450	908	25
Average per farm dollars, 2017	26,847	52,609	62,660	136,482	119,024	38,335
..... 2012	7,839	114,786	88,154	147,143	155,800	29,940
Producers reporting net losses (see text) farms, 2017	32	501	645	512	501	46
..... 2012	38	468	526	517	559	40
Average per farm dollars, 2017	13,238	20,941	12,456	19,975	19,674	8,105
..... 2012	10,825	15,152	14,038	25,211	22,507	14,148

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Net cash farm income of the operations \$1,000, 2017	19,664	51,780	37,644	9,523	2,139	3,180
..... 2012	52,802	96,308	47,665	10,772	2,008	-659
Average per farm dollars, 2017	20,231	41,724	39,501	7,649	8,625	10,461
..... 2012	51,115	72,850	42,826	8,715	6,996	-1,846
Farms with net gains ¹ farms, 2017	462	691	405	444	108	117
..... 2012	573	778	515	449	99	115
Average per farm dollars, 2017	57,339	91,736	126,392	58,981	52,249	47,749
..... 2012	102,115	133,794	114,959	60,505	68,799	25,439
Farms with net losses farms, 2017	510	550	548	801	140	187
..... 2012	460	544	598	787	188	242
Average per farm dollars, 2017	13,385	21,108	24,716	20,805	25,029	12,869
..... 2012	12,414	14,308	19,296	20,832	25,550	14,812
Net cash farm income of producers (see text) \$1,000, 2017	18,346	45,264	33,351	9,634	2,125	3,177
..... 2012	48,708	91,316	47,444	10,759	2,007	-749
Average per farm dollars, 2017	18,874	36,474	34,996	7,738	8,568	10,451
..... 2012	47,152	69,074	42,627	8,704	6,994	-2,099
Producers reporting net gains ¹ (see text) farms, 2017	456	676	404	436	108	117
..... 2012	566	771	512	445	99	115
Average per farm dollars, 2017	55,959	84,743	116,784	60,493	52,119	47,714
..... 2012	96,627	128,862	115,284	61,025	68,799	24,719
Producers reporting net losses (see text) farms, 2017	516	565	549	809	140	187
..... 2012	467	551	601	791	188	242
Average per farm dollars, 2017	13,898	21,279	25,191	20,693	25,029	12,863
..... 2012	12,811	14,586	19,270	20,730	25,552	14,842

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

Table 5. Federal Government Payments and Commodity Credit Corporation Loans: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received .....farms, 2017	15,350	48	8	284	96	49
2012 ¹	20,605	57	27	379	150	129
\$1,000, 2017	167,189	268	12	4,521	861	226
2012 ¹	155,919	263	119	3,286	694	1,324
Average per farm .....dollars, 2017	10,892	5,580	1,473	15,918	8,965	4,621
2012 ¹	7,567	4,618	4,392	8,671	4,629	10,267
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs .....farms, 2017	4,478	2	1	39	-	2
2012	6,545	3	-	75	6	8
\$1,000, 2017	15,875	(D)	(D)	111	-	(D)
2012	18,024	(D)	-	155	13	10
Average per farm .....dollars, 2017	3,545	(D)	(D)	2,854	-	(D)
2012	2,754	(D)	-	2,072	2,236	1,269
Amount from other Federal farm programs .....farms, 2017	13,731	48	7	267	96	49
2012	17,776	56	27	339	150	124
\$1,000, 2017	151,314	(D)	(D)	4,409	861	(D)
2012	137,896	(D)	119	3,131	681	1,314
Average per farm .....dollars, 2017	11,020	(D)	(D)	16,515	8,965	(D)
2012	7,757	(D)	4,392	9,236	4,539	10,599
COMMODITY CREDIT CORPORATION LOANS						
Total .....farms, 2017	451	1	-	22	9	-
2012	366	-	-	25	5	-
\$1,000, 2017	52,640	(D)	-	4,241	223	-
2012	47,247	-	-	5,171	20	-
Amount spent to repay CCC loans .....farms, 2017	424	1	-	17	9	-
2012	285	(D)	-	16	2	-
\$1,000, 2017	44,924	(D)	-	2,069	224	-
2012	28,407	-	-	4,987	(D)	-
Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received .....farms, 2017	250	17	264	492	24	180
2012 ¹	304	15	383	521	37	313
\$1,000, 2017	2,256	7	2,959	4,501	189	2,594
2012 ¹	1,570	79	2,853	2,628	808	3,303
Average per farm .....dollars, 2017	9,024	420	11,209	9,149	7,877	14,411
2012 ¹	5,166	5,287	7,449	5,044	21,846	10,552
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs .....farms, 2017	152	-	127	225	3	22
2012	173	-	191	210	1	59
\$1,000, 2017	608	-	377	584	(D)	65
2012	642	-	478	649	(D)	105
Average per farm .....dollars, 2017	4,002	-	2,971	2,595	(D)	2,968
2012	3,709	-	2,503	3,089	(D)	1,777
Amount from other Federal farm programs .....farms, 2017	205	17	202	413	22	171
2012	237	15	301	454	37	274
\$1,000, 2017	1,648	7	2,582	3,918	(D)	2,529
2012	929	79	2,375	1,979	(D)	3,198
Average per farm .....dollars, 2017	8,038	420	12,782	9,486	(D)	14,787
2012	3,919	5,287	7,890	4,359	(D)	11,671
COMMODITY CREDIT CORPORATION LOANS						
Total .....farms, 2017	7	-	14	19	-	10
2012	1	1	11	30	-	6
\$1,000, 2017	194	-	1,542	2,021	-	573
2012	(D)	(D)	1,335	2,678	-	755
Amount spent to repay CCC loans .....farms, 2017	9	-	11	20	-	5
2012	2	-	11	16	-	2
\$1,000, 2017	195	-	490	2,417	-	605
2012	(D)	-	406	490	-	(D)

See footnote(s) at end of table.

--continued

Table 5. Federal Government Payments and Commodity Credit Corporation Loans: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received farms, 2017	359	352	318	32	36	101
2012 ¹	571	488	382	43	63	129
\$1,000, 2017	5,703	4,522	4,103	104	112	447
2012 ¹	4,329	3,618	2,666	182	221	934
Average per farm dollars, 2017	15,885	12,846	12,902	3,251	3,114	4,424
2012 ¹	7,582	7,414	6,980	4,226	3,511	7,238
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs farms, 2017	130	74	69	1	3	26
2012	229	140	94	3	5	21
\$1,000, 2017	347	245	170	(D)	19	196
2012	544	294	214	4	22	116
Average per farm dollars, 2017	2,673	3,309	2,469	(D)	6,385	7,544
2012	2,376	2,098	2,272	1,272	4,485	5,509
Amount from other Federal farm programs farms, 2017	296	317	273	31	35	92
2012	438	408	333	43	60	126
\$1,000, 2017	5,355	4,277	3,932	(D)	93	251
2012	3,785	3,324	2,453	178	199	818
Average per farm dollars, 2017	18,092	13,492	14,405	(D)	2,656	2,725
2012	8,642	8,148	7,366	4,137	3,313	6,492
COMMODITY CREDIT CORPORATION LOANS						
Total farms, 2017	9	16	21	-	-	-
2012	11	8	7	-	-	-
\$1,000, 2017	1,905	2,842	3,276	-	-	-
2012	1,393	2,239	341	-	-	-
Amount spent to repay CCC loans farms, 2017	7	10	31	-	-	3
2012	13	11	5	-	-	-
\$1,000, 2017	303	1,330	2,565	-	-	22
2012	617	1,231	92	-	-	-
Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received farms, 2017	86	424	-	61	18	362
2012 ¹	114	611	-	101	49	542
\$1,000, 2017	384	4,392	-	133	33	4,192
2012 ¹	438	3,797	-	588	186	3,008
Average per farm dollars, 2017	4,460	10,358	-	2,177	1,841	11,580
2012 ¹	3,845	6,215	-	5,818	3,796	5,549
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs farms, 2017	29	146	-	-	1	63
2012	43	230	-	5	3	147
\$1,000, 2017	56	545	-	-	(D)	208
2012	75	372	-	10	(D)	369
Average per farm dollars, 2017	1,947	3,732	-	-	(D)	3,306
2012	1,744	1,617	-	1,952	(D)	2,510
Amount from other Federal farm programs farms, 2017	68	364	-	61	18	331
2012	92	537	-	98	47	487
\$1,000, 2017	327	3,847	-	133	(D)	3,984
2012	363	3,426	-	578	(D)	2,639
Average per farm dollars, 2017	4,811	10,569	-	2,177	(D)	12,035
2012	3,950	6,379	-	5,897	(D)	5,418
COMMODITY CREDIT CORPORATION LOANS						
Total farms, 2017	-	8	-	2	-	24
2012	-	2	-	-	-	14
\$1,000, 2017	-	(D)	-	(D)	-	3,804
2012	-	(D)	-	-	-	1,782
Amount spent to repay CCC loans farms, 2017	-	3	-	-	-	18
2012	1	7	-	-	1	9
\$1,000, 2017	-	791	-	-	-	3,639
2012	(D)	71	-	-	(D)	1,040

See footnote(s) at end of table.

--continued

Table 5. Federal Government Payments and Commodity Credit Corporation Loans: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received .....farms, 2017	41	205	159	1	86	493
2012 ¹	36	269	204	2	145	602
\$1,000, 2017	97	2,561	680	(D)	501	5,365
2012 ¹	117	2,131	599	(D)	1,273	4,522
Average per farm .....dollars, 2017	2,371	12,491	4,275	(D)	5,827	10,881
2012 ¹	3,256	7,924	2,934	(D)	8,780	7,512
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs .....farms, 2017	-	26	64	-	13	190
2012	4	36	99	-	6	278
\$1,000, 2017	-	55	240	-	54	587
2012	(D)	78	234	-	16	830
Average per farm .....dollars, 2017	-	2,126	3,746	-	4,151	3,091
2012	(D)	2,167	2,362	-	2,596	2,987
Amount from other Federal farm programs .....farms, 2017	41	194	123	1	81	448
2012	36	258	159	2	145	508
\$1,000, 2017	97	2,505	440	(D)	447	4,777
2012	(D)	2,053	365	(D)	1,258	3,692
Average per farm .....dollars, 2017	2,371	12,914	3,577	(D)	5,521	10,663
2012	(D)	7,959	2,294	(D)	8,673	7,267
COMMODITY CREDIT CORPORATION LOANS						
Total .....farms, 2017	-	7	-	-	1	15
2012	-	1	1	-	-	4
\$1,000, 2017	-	439	-	-	(D)	1,277
2012	-	(D)	(D)	-	-	(D)
Amount spent to repay CCC loans .....farms, 2017	-	10	-	-	4	9
2012	-	3	1	-	1	5
\$1,000, 2017	-	489	-	-	28	1,153
2012	-	(D)	(D)	-	(D)	(D)
Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received .....farms, 2017	603	27	871	180	434	81
2012 ¹	883	32	959	257	576	86
\$1,000, 2017	7,375	52	12,201	3,921	5,053	503
2012 ¹	6,159	101	9,479	2,925	4,662	467
Average per farm .....dollars, 2017	12,231	1,912	14,008	21,786	11,643	6,208
2012 ¹	6,975	3,160	9,884	11,382	8,094	5,429
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs .....farms, 2017	342	2	402	18	103	18
2012	593	6	497	31	140	22
\$1,000, 2017	1,368	(D)	1,569	97	328	33
2012	1,525	5	1,447	97	346	30
Average per farm .....dollars, 2017	4,000	(D)	3,903	5,410	3,181	1,857
2012	2,572	835	2,911	3,142	2,470	1,363
Amount from other Federal farm programs .....farms, 2017	426	25	748	172	387	78
2012	547	32	752	249	509	81
\$1,000, 2017	6,007	(D)	10,632	3,824	4,725	469
2012	4,633	96	8,032	2,828	4,316	437
Average per farm .....dollars, 2017	14,102	(D)	14,214	22,233	12,210	6,019
2012	8,470	3,003	10,681	11,357	8,480	5,394
COMMODITY CREDIT CORPORATION LOANS						
Total .....farms, 2017	21	2	19	6	19	2
2012	12	-	9	10	19	2
\$1,000, 2017	3,164	(D)	1,377	1,175	3,177	(D)
2012	2,256	-	866	1,739	1,870	(D)
Amount spent to repay CCC loans .....farms, 2017	20	-	23	4	13	4
2012	8	1	14	3	16	2
\$1,000, 2017	1,934	-	1,169	1,182	3,023	111
2012	968	(D)	1,079	367	2,734	(D)

See footnote(s) at end of table.

--continued

Table 5. Federal Government Payments and Commodity Credit Corporation Loans: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received farms, 2017	10	401	239	153	45	189
2012 ¹	21	485	344	196	38	263
\$1,000, 2017	38	3,450	3,526	2,664	170	2,199
2012 ¹	25	2,703	4,210	2,473	104	2,417
Average per farm dollars, 2017	3,766	8,603	14,752	17,413	3,771	11,632
2012 ¹	1,194	5,574	12,238	12,616	2,724	9,189
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs farms, 2017	-	104	28	16	3	24
2012	-	183	42	29	1	27
\$1,000, 2017	-	217	262	89	(D)	71
2012	-	405	174	55	(D)	54
Average per farm dollars, 2017	-	2,083	9,370	5,536	(D)	2,974
2012	-	2,212	4,145	1,889	(D)	1,996
Amount from other Federal farm programs farms, 2017	10	356	220	149	43	175
2012	21	394	319	180	38	247
\$1,000, 2017	38	3,233	3,263	2,576	(D)	2,127
2012	25	2,299	4,036	2,418	(D)	2,363
Average per farm dollars, 2017	3,766	9,082	14,833	17,288	(D)	12,155
2012	1,194	5,834	12,651	13,433	(D)	9,566
COMMODITY CREDIT CORPORATION LOANS						
Total farms, 2017	-	6	-	4	-	9
2012	-	6	4	6	-	10
\$1,000, 2017	-	881	-	(D)	-	1,148
2012	-	97	(D)	2,634	-	995
Amount spent to repay CCC loans farms, 2017	-	7	-	3	-	10
2012	-	3	2	4	-	12
\$1,000, 2017	-	901	-	(D)	-	561
2012	-	(D)	(D)	686	-	1,089
Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received farms, 2017	-	11	182	66	725	96
2012 ¹	-	24	262	153	1,004	121
\$1,000, 2017	-	49	1,424	376	11,691	1,444
2012 ¹	-	88	2,214	2,363	10,028	1,090
Average per farm dollars, 2017	-	4,475	7,825	5,697	16,125	15,038
2012 ¹	-	3,654	8,449	15,442	9,989	9,012
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs farms, 2017	-	2	23	4	496	7
2012	-	10	33	6	696	9
\$1,000, 2017	-	(D)	122	30	1,770	61
2012	-	12	96	23	2,683	16
Average per farm dollars, 2017	-	(D)	5,322	7,436	3,569	8,754
2012	-	1,193	2,907	3,901	3,854	1,739
Amount from other Federal farm programs farms, 2017	-	11	172	66	651	93
2012	-	18	241	152	747	115
\$1,000, 2017	-	(D)	1,302	346	9,921	1,382
2012	-	76	2,118	2,339	7,346	1,075
Average per farm dollars, 2017	-	(D)	7,569	5,247	15,239	14,865
2012	-	4,209	8,787	15,390	9,834	9,346
COMMODITY CREDIT CORPORATION LOANS						
Total farms, 2017	-	-	-	3	20	-
2012	-	-	3	1	8	-
\$1,000, 2017	-	-	-	(D)	1,523	-
2012	-	-	(D)	(D)	945	-
Amount spent to repay CCC loans farms, 2017	-	-	2	1	18	-
2012	-	-	-	2	10	-
\$1,000, 2017	-	-	(D)	(D)	1,449	-
2012	-	-	-	(D)	821	-

See footnote(s) at end of table.

--continued

Table 5. Federal Government Payments and Commodity Credit Corporation Loans: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received .....farms, 2017	8	14	101	41	17	122
2012 ¹	9	22	118	42	15	119
\$1,000, 2017	(D)	173	800	246	46	943
2012 ¹	79	142	956	241	209	828
Average per farm .....dollars, 2017	(D)	12,339	7,917	5,992	2,707	7,729
2012 ¹	8,755	6,472	8,100	5,731	13,942	6,962
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs .....farms, 2017	-	3	1	1	-	20
2012	-	2	4	1	1	20
\$1,000, 2017	-	2	(D)	(D)	-	85
2012	-	(D)	6	(D)	(D)	36
Average per farm .....dollars, 2017	-	818	(D)	(D)	(D)	4,242
2012	-	(D)	1,450	(D)	(D)	1,778
Amount from other Federal farm programs .....farms, 2017	8	14	101	40	17	116
2012	9	21	116	42	15	107
\$1,000, 2017	(D)	170	(D)	(D)	46	858
2012	79	950	(D)	(D)	(D)	793
Average per farm .....dollars, 2017	(D)	12,164	(D)	(D)	2,707	7,397
2012	8,755	(D)	8,190	(D)	(D)	7,411
COMMODITY CREDIT CORPORATION LOANS						
Total .....farms, 2017	-	-	2	1	-	11
2012	-	1	5	-	-	2
\$1,000, 2017	-	-	(D)	(D)	-	760
2012	-	(D)	430	-	-	(D)
Amount spent to repay CCC loans .....farms, 2017	-	-	-	-	-	9
2012	-	-	3	-	-	2
\$1,000, 2017	-	-	-	-	-	732
2012	-	-	(D)	-	-	(D)
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received .....farms, 2017	189	95	212	104	474	264
2012 ¹	284	149	246	124	581	457
\$1,000, 2017	909	610	2,366	759	4,555	2,732
2012 ¹	904	1,131	2,310	1,568	3,653	2,577
Average per farm .....dollars, 2017	4,810	6,425	11,158	7,302	9,609	10,349
2012 ¹	3,184	7,594	9,391	12,642	6,287	5,639
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs .....farms, 2017	23	3	99	6	150	43
2012	49	-	144	4	152	106
\$1,000, 2017	31	(D)	483	11	414	92
2012	116	-	412	11	359	181
Average per farm .....dollars, 2017	1,349	(D)	4,883	1,865	2,762	2,149
2012	2,372	-	2,861	2,795	2,361	1,711
Amount from other Federal farm programs .....farms, 2017	180	94	182	101	430	245
2012	266	149	207	123	528	423
\$1,000, 2017	878	(D)	1,882	748	4,140	2,640
2012	788	1,131	1,898	1,556	3,294	2,396
Average per farm .....dollars, 2017	4,878	(D)	10,341	7,408	9,628	10,774
2012	2,963	7,594	9,170	12,654	6,239	5,663
COMMODITY CREDIT CORPORATION LOANS						
Total .....farms, 2017	2	-	4	-	6	7
2012	-	1	1	2	9	7
\$1,000, 2017	(D)	-	354	-	(D)	120
2012	-	(D)	(D)	(D)	1,179	104
Amount spent to repay CCC loans .....farms, 2017	2	5	4	-	9	1
2012	2	3	1	1	6	3
\$1,000, 2017	(D)	31	357	-	925	(D)
2012	(D)	85	(D)	(D)	(D)	(D)

See footnote(s) at end of table.

--continued

Table 5. Federal Government Payments and Commodity Credit Corporation Loans: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received farms, 2017	39	53	113	21	81	123
2012 ¹	38	112	192	37	190	132
\$1,000, 2017	177	173	296	161	699	677
2012 ¹	175	658	1,193	226	2,529	927
Average per farm dollars, 2017	4,542	3,269	2,618	7,647	8,627	5,503
2012 ¹	4,611	5,876	6,215	6,120	13,313	7,026
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs farms, 2017	-	7	9	3	8	12
2012	2	22	20	6	15	13
\$1,000, 2017	-	8	18	(D)	29	27
2012	(D)	65	32	32	80	58
Average per farm dollars, 2017	-	1,200	1,957	(D)	3,669	2,214
2012	(D)	2,968	1,587	5,328	5,359	4,476
Amount from other Federal farm programs farms, 2017	39	48	107	20	79	123
2012	38	99	183	33	181	127
\$1,000, 2017	177	165	278	(D)	669	650
2012	(D)	593	1,162	194	2,449	869
Average per farm dollars, 2017	4,542	3,434	2,600	(D)	8,474	5,287
2012	(D)	5,988	6,348	5,893	13,531	6,844
COMMODITY CREDIT CORPORATION LOANS						
Total farms, 2017	-	1	4	1	3	4
2012	1	3	2	-	1	4
\$1,000, 2017	-	(D)	154	(D)	391	(D)
2012	(D)	138	(D)	-	(D)	(D)
Amount spent to repay CCC loans farms, 2017	-	2	3	1	2	3
2012	-	3	4	-	-	4
\$1,000, 2017	-	(D)	98	(D)	(D)	(D)
2012	-	174	53	-	-	(D)
Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received farms, 2017	18	116	7	36	221	85
2012 ¹	14	171	9	58	347	100
\$1,000, 2017	14	1,101	20	64	2,675	374
2012 ¹	91	1,124	44	88	2,689	684
Average per farm dollars, 2017	771	9,495	2,809	1,769	12,105	4,405
2012 ¹	6,514	6,572	4,880	1,511	7,748	6,837
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs farms, 2017	1	16	1	-	28	9
2012	2	34	-	2	34	13
\$1,000, 2017	(D)	32	(D)	-	31	32
2012	(D)	54	-	(D)	94	32
Average per farm dollars, 2017	(D)	1,971	(D)	-	1,090	3,564
2012	(D)	1,588	-	(D)	2,773	2,457
Amount from other Federal farm programs farms, 2017	17	104	6	36	215	84
2012	14	155	9	58	334	94
\$1,000, 2017	(D)	1,070	(D)	64	2,645	342
2012	(D)	1,070	44	(D)	2,594	652
Average per farm dollars, 2017	(D)	10,287	(D)	1,769	12,301	4,075
2012	(D)	6,902	4,880	(D)	7,768	6,933
COMMODITY CREDIT CORPORATION LOANS						
Total farms, 2017	-	-	-	1	7	4
2012	-	1	-	-	5	1
\$1,000, 2017	-	-	-	(D)	619	60
2012	-	(D)	-	-	1,746	(D)
Amount spent to repay CCC loans farms, 2017	-	-	-	-	3	2
2012	-	1	-	-	4	-
\$1,000, 2017	-	-	-	-	(D)	(D)
2012	-	(D)	-	-	17	-

See footnote(s) at end of table.

--continued

Table 5. Federal Government Payments and Commodity Credit Corporation Loans: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received .....farms, 2017	8	789	238	356	649	13
2012 ¹	4	944	342	453	884	7
\$1,000, 2017	30	6,853	2,041	5,839	7,801	98
2012 ¹	(D)	6,093	1,714	4,196	7,213	93
Average per farm .....dollars, 2017	3,760	8,686	8,574	16,402	12,019	7,538
2012 ¹	(D)	6,455	5,013	9,263	8,159	13,297
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs .....farms, 2017	-	326	10	60	144	-
2012	-	453	19	110	274	-
\$1,000, 2017	-	1,366	44	214	513	-
2012	-	1,453	48	246	746	-
Average per farm .....dollars, 2017	-	4,189	4,445	3,569	3,560	-
2012	-	3,240	2,542	2,240	2,723	-
Amount from other Federal farm programs .....farms, 2017	8	694	235	331	593	13
2012	4	765	331	410	754	7
\$1,000, 2017	30	5,487	1,996	5,625	7,288	98
2012	(D)	4,640	1,666	3,950	6,467	93
Average per farm .....dollars, 2017	3,760	7,907	8,494	16,994	12,290	7,538
2012	(D)	6,065	5,034	9,634	8,577	13,297
COMMODITY CREDIT CORPORATION LOANS						
Total .....farms, 2017	-	17	12	5	21	-
2012	-	19	10	11	25	-
\$1,000, 2017	-	1,508	782	386	3,293	-
2012	-	1,504	4,094	1,022	2,336	-
Amount spent to repay CCC loans .....farms, 2017	-	27	10	3	20	-
2012	-	16	10	2	20	-
\$1,000, 2017	-	1,235	712	257	3,400	-
2012	-	1,212	(D)	(D)	1,475	-
Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
GOVERNMENT PAYMENTS (SEE TEXT)						
Total received .....farms, 2017	445	655	137	306	12	29
2012 ¹	571	752	239	392	27	54
\$1,000, 2017	3,670	7,168	1,602	3,438	56	164
2012 ¹	3,634	4,778	2,425	3,466	102	122
Average per farm .....dollars, 2017	8,248	10,944	11,694	11,237	4,693	5,648
2012 ¹	6,364	6,354	10,144	8,843	3,767	2,265
Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs .....farms, 2017	121	292	49	30	1	2
2012	152	367	70	51	4	5
\$1,000, 2017	223	1,257	167	95	(D)	(D)
2012	280	1,089	156	154	6	17
Average per farm .....dollars, 2017	1,839	4,306	3,417	3,157	(D)	(D)
2012	1,844	2,967	2,223	3,023	1,525	3,486
Amount from other Federal farm programs .....farms, 2017	411	548	105	295	12	27
2012	503	596	189	375	25	53
\$1,000, 2017	3,448	5,911	1,435	3,344	(D)	(D)
2012	3,354	3,689	2,269	3,312	96	105
Average per farm .....dollars, 2017	8,389	10,786	13,663	11,335	(D)	(D)
2012	6,667	6,190	12,005	8,833	3,824	1,979
COMMODITY CREDIT CORPORATION LOANS						
Total .....farms, 2017	11	20	7	4	-	-
2012	15	22	1	-	-	-
\$1,000, 2017	370	2,015	3,217	71	-	-
2012	1,544	1,543	(D)	-	-	-
Amount spent to repay CCC loans .....farms, 2017	9	28	8	1	-	-
2012	6	10	-	1	-	-
\$1,000, 2017	270	4,034	3,606	(D)	-	-
2012	329	1,268	-	(D)	-	-

¹ Data for 2012 include loan deficiency payments, marketing loan gains, and net value of commodity certificates.

Table 6. Income From Farm-Related Sources: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Total income from farm-related sources farms, 2017	19,796	70	44	461	134	128
2012	20,264	56	30	534	155	134
\$1,000, 2017	316,717	1,249	80	8,263	1,162	1,679
2012	338,828	666	127	8,205	935	2,089
Average per farm dollars, 2017	15,999	17,839	1,826	17,923	8,672	13,117
2012	16,721	11,900	4,233	15,365	6,034	15,592
Customwork and other agricultural services farms, 2017	2,730	15	12	81	18	15
2012	2,947	7	6	59	29	11
\$1,000, 2017	55,394	877	30	1,601	424	110
2012	48,281	(D)	12	617	402	(D)
Gross cash rent or share payments farms, 2017	8,104	24	6	192	59	22
2012	8,662	23	7	257	70	28
\$1,000, 2017	86,474	164	4	1,984	134	31
2012	81,864	85	3	2,574	157	36
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products farms, 2017	1,836	11	3	36	29	24
2012	1,819	13	9	20	29	43
\$1,000, 2017	16,373	61	(D)	455	471	337
2012	13,886	70	97	120	148	496
Agri-tourism and recreational services farms, 2017	754	-	5	11	6	5
2012	802	5	4	31	6	6
\$1,000, 2017	20,989	-	11	387	(D)	79
2012	18,995	(D)	(D)	567	20	(D)
Patronage dividends and refunds from cooperatives farms, 2017	7,139	27	16	213	26	51
2012	5,863	10	10	159	29	40
\$1,000, 2017	29,647	(D)	(D)	1,696	47	213
2012	28,112	7	7	1,048	32	175
Crop and livestock insurance payments farms, 2017	2,201	2	-	32	9	7
2012	2,076	6	1	50	10	15
\$1,000, 2017	44,560	(D)	-	720	55	(D)
2012	86,591	214	(D)	2,217	131	581
Amount from State and local government agricultural program payments farms, 2017	464	-	-	6	2	2
2012	550	-	-	13	2	1
\$1,000, 2017	3,209	-	-	77	(D)	(D)
2012	2,682	-	-	25	(D)	(D)
Average per farm dollars, 2017	6,916	-	-	12,828	(D)	(D)
2012	4,877	-	-	1,903	(D)	(D)
Other farm-related income sources (see text) farms, 2017	3,055	21	7	74	11	27
2012	3,259	3	1	87	14	23
\$1,000, 2017	60,070	52	10	1,344	23	845
2012	58,353	(D)	(D)	1,038	(D)	333

--continued

Table 6. Income From Farm-Related Sources: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Total income from farm-related sources .....farms, 2017	143	18	413	333	63	422
2012	169	6	399	288	62	497
\$1,000, 2017	1,697	135	6,311	3,812	1,851	6,819
2012	1,740	(D)	6,298	2,826	1,550	10,932
Average per farm .....dollars, 2017	11,864	7,480	15,280	11,447	29,374	16,159
2012	10,295	(D)	15,785	9,812	25,004	21,996
Customwork and other agricultural services .....farms, 2017	26	7	58	35	6	49
2012	15	-	56	32	1	65
\$1,000, 2017	157	(D)	866	388	(D)	1,521
2012	295	-	466	218	(D)	1,004
Gross cash rent or share payments .....farms, 2017	67	5	204	142	7	198
2012	95	1	195	143	13	214
\$1,000, 2017	449	(D)	1,549	1,668	14	1,555
2012	587	(D)	983	1,217	34	2,256
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products .....farms, 2017	11	3	41	3	26	10
2012	15	5	41	13	24	24
\$1,000, 2017	113	104	338	6	109	56
2012	116	37	734	75	138	156
Agri-tourism and recreational services .....farms, 2017	-	-	16	5	2	18
2012	8	1	21	3	2	26
\$1,000, 2017	-	-	(D)	62	(D)	314
2012	11	(D)	115	64	(D)	945
Patronage dividends and refunds from cooperatives .....farms, 2017	64	-	111	122	11	198
2012	40	2	79	96	9	206
\$1,000, 2017	299	-	971	387	74	1,103
2012	519	(D)	1,378	402	32	709
Crop and livestock insurance payments .....farms, 2017	29	-	28	90	9	45
2012	11	-	40	36	8	99
\$1,000, 2017	413	-	870	954	369	1,246
2012	125	-	1,505	582	444	3,793
Amount from State and local government agricultural program payments .....farms, 2017	13	3	1	23	-	3
2012	10	1	11	17	6	8
\$1,000, 2017	130	(Z)	(D)	174	-	17
2012	33	(D)	199	47	21	39
Average per farm .....dollars, 2017	9,975	32	(D)	7,549	-	5,700
2012	3,303	(D)	18,085	2,779	3,464	4,931
Other farm-related income sources (see text) .....farms, 2017	12	-	74	34	11	50
2012	8	-	64	24	13	66
\$1,000, 2017	136	-	1,505	174	(D)	1,008
2012	54	-	918	221	871	2,029

--continued

Table 6. Income From Farm-Related Sources: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa	
Total income from farm-related sources	farms, 2017	353	375	317	86	75	129
	2012	414	390	334	86	70	124
	\$1,000, 2017	7,169	5,181	7,845	1,082	275	3,325
Average per farm	2012	5,184	4,894	6,173	368	303	477
	dollars, 2017	20,308	13,816	24,747	12,583	3,662	25,777
	2012	12,521	12,548	18,482	4,278	4,326	3,843
Customwork and other agricultural services	farms, 2017	50	44	57	5	1	20
	2012	46	56	63	13	11	18
	\$1,000, 2017	1,274	520	1,133	4	(D)	182
Gross cash rent or share payments	2012	727	564	1,366	13	32	17
	farms, 2017	166	179	172	14	23	34
	2012	223	188	159	31	28	36
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products	\$1,000, 2017	3,382	1,071	4,871	(D)	38	(D)
	2012	2,187	1,309	2,931	86	25	131
	farms, 2017	32	23	36	20	22	16
Agri-tourism and recreational services	2012	31	38	59	26	17	25
	\$1,000, 2017	340	57	251	531	58	177
	2012	240	302	310	197	173	82
Patronage dividends and refunds from cooperatives	farms, 2017	7	-	14	5	10	11
	2012	5	21	13	4	8	15
	\$1,000, 2017	26	-	164	211	152	(D)
Crop and livestock insurance payments	2012	20	70	106	(D)	17	85
	farms, 2017	149	100	108	23	6	22
	2012	114	96	82	25	10	26
Amount from State and local government agricultural program payments	\$1,000, 2017	378	318	510	53	1	13
	2012	284	207	212	21	(D)	23
	farms, 2017	47	74	17	1	5	27
Other farm-related income sources (see text)	2012	48	49	30	-	1	17
	\$1,000, 2017	1,271	2,329	624	(D)	(D)	(D)
	2012	1,480	1,850	695	-	(D)	34
Amount from State and local government agricultural program payments	farms, 2017	9	4	13	1	-	4
	2012	7	6	7	4	1	4
	\$1,000, 2017	24	12	74	(D)	-	5
Average per farm	2012	29	13	55	(D)	(D)	5
	dollars, 2017	2,626	3,044	5,691	(D)	-	1,271
	2012	4,214	2,165	7,882	(D)	(D)	1,359
Other farm-related income sources (see text)	farms, 2017	43	39	21	29	12	38
	2012	42	41	36	12	7	32
	\$1,000, 2017	474	874	219	162	22	986
2012	217	579	498	6	52	101	

--continued

Table 6. Income From Farm-Related Sources: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Total income from farm-related sources .....farms, 2017	120	427	8	86	41	487
2012	125	442	17	88	59	550
\$1,000, 2017	1,326	6,402	110	636	314	4,765
2012	1,071	6,122	61	644	368	5,608
Average per farm .....dollars, 2017	11,050	14,992	13,695	7,392	7,654	9,784
2012	8,570	13,852	3,583	7,318	6,232	10,195
Customwork and other agricultural services .....farms, 2017	9	60	-	5	2	47
2012	12	63	-	8	5	60
\$1,000, 2017	11	799	-	7	(D)	447
2012	85	968	-	18	(D)	420
Gross cash rent or share payments .....farms, 2017	78	215	2	28	11	202
2012	58	231	2	24	16	246
\$1,000, 2017	396	2,492	(D)	83	11	1,884
2012	368	1,655	(D)	45	(D)	1,692
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products .....farms, 2017	16	18	1	18	17	47
2012	20	37	3	15	21	47
\$1,000, 2017	85	126	(D)	365	96	190
2012	133	238	7	60	124	451
Agri-tourism and recreational services .....farms, 2017	1	14	3	1	-	2
2012	12	14	8	8	3	11
\$1,000, 2017	(D)	88	(D)	(D)	-	(D)
2012	16	394	22	211	10	748
Patronage dividends and refunds from cooperatives .....farms, 2017	14	134	1	28	5	218
2012	25	107	1	30	8	209
\$1,000, 2017	(D)	784	(D)	14	4	421
2012	103	727	(D)	40	11	232
Crop and livestock insurance payments .....farms, 2017	4	53	-	6	2	42
2012	9	24	-	15	5	56
\$1,000, 2017	(D)	557	-	97	(D)	736
2012	173	524	-	141	90	1,013
Amount from State and local government agricultural program payments .....farms, 2017	-	14	-	4	-	5
2012	8	10	-	6	1	8
\$1,000, 2017	-	110	-	(D)	-	(D)
2012	35	69	-	7	(D)	27
Average per farm .....dollars, 2017	-	7,833	-	(D)	-	(D)
2012	4,357	6,887	-	1,147	(D)	3,317
Other farm-related income sources (see text) .....farms, 2017	23	57	3	20	8	77
2012	16	50	11	12	15	73
\$1,000, 2017	486	1,447	17	62	171	906
2012	159	1,547	30	121	94	1,026

--continued

Table 6. Income From Farm-Related Sources: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Total income from farm-related sources farms, 2017	80	290	134	14	177	410
2012	86	292	169	9	187	406
\$1,000, 2017	990	3,498	823	66	8,426	8,181
2012	318	6,639	922	(D)	8,508	7,829
Average per farm dollars, 2017	12,375	12,061	6,138	4,745	47,603	19,954
2012	3,702	22,737	5,457	(D)	45,495	19,282
Customwork and other agricultural services farms, 2017	7	37	14	5	35	69
2012	17	45	41	2	41	70
\$1,000, 2017	66	219	106	6	655	2,353
2012	17	154	109	(D)	489	1,698
Gross cash rent or share payments farms, 2017	21	122	71	4	56	195
2012	14	116	77	-	59	217
\$1,000, 2017	50	881	542	22	404	3,350
2012	25	639	203	-	251	4,187
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products farms, 2017	18	21	13	-	19	9
2012	22	32	14	4	28	12
\$1,000, 2017	354	264	(D)	-	196	41
2012	169	(D)	87	1	139	91
Agri-tourism and recreational services farms, 2017	17	13	9	2	9	7
2012	8	22	5	1	12	14
\$1,000, 2017	35	166	49	(D)	4,237	5
2012	54	325	(D)	(D)	3,861	132
Patronage dividends and refunds from cooperatives farms, 2017	11	72	23	6	51	127
2012	21	61	25	-	30	110
\$1,000, 2017	(D)	86	31	1	(D)	788
2012	(D)	158	(D)	-	75	831
Crop and livestock insurance payments farms, 2017	2	24	11	-	12	55
2012	1	26	4	-	37	29
\$1,000, 2017	(D)	578	53	-	374	881
2012	(D)	305	(D)	-	1,447	476
Amount from State and local government agricultural program payments farms, 2017	-	6	2	-	2	9
2012	-	6	5	-	3	16
\$1,000, 2017	-	16	(D)	-	(D)	42
2012	-	(D)	78	-	75	115
Average per farm dollars, 2017	-	2,725	(D)	-	(D)	4,659
2012	-	(D)	15,581	-	25,163	7,212
Other farm-related income sources (see text) farms, 2017	20	61	7	2	46	77
2012	15	72	23	2	45	48
\$1,000, 2017	466	1,287	26	(D)	2,487	721
2012	41	4,958	153	(D)	2,171	298

--continued

Table 6. Income From Farm-Related Sources: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Total income from farm-related sources .....farms, 2017	482	35	794	390	446	69
2012	558	45	774	361	498	82
\$1,000, 2017	5,986	219	17,902	6,689	6,851	403
2012	6,306	167	20,688	4,794	7,755	700
Average per farm .....dollars, 2017	12,420	6,247	22,546	17,152	15,362	5,834
2012	11,301	3,705	26,728	13,281	15,573	8,533
Customwork and other agricultural services .....farms, 2017	78	7	130	53	75	8
2012	66	10	121	57	85	10
\$1,000, 2017	1,027	14	2,722	1,114	2,436	108
2012	1,237	41	4,471	692	1,470	(D)
Gross cash rent or share payments .....farms, 2017	233	2	240	135	187	14
2012	317	6	257	135	225	35
\$1,000, 2017	1,930	(D)	6,559	1,207	1,649	137
2012	2,163	5	6,632	1,817	2,100	210
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products .....farms, 2017	28	12	25	38	36	6
2012	33	9	6	27	36	11
\$1,000, 2017	222	115	59	60	176	14
2012	142	62	50	191	366	38
Agri-tourism and recreational services .....farms, 2017	22	-	8	9	11	8
2012	13	4	5	9	9	-
\$1,000, 2017	188	-	63	242	110	6
2012	237	14	34	(D)	61	-
Patronage dividends and refunds from cooperatives .....farms, 2017	144	2	578	124	183	24
2012	103	3	557	66	163	18
\$1,000, 2017	481	(D)	3,290	768	640	53
2012	348	(D)	5,091	(D)	692	38
Crop and livestock insurance payments .....farms, 2017	44	-	113	40	46	5
2012	53	4	86	34	31	8
\$1,000, 2017	1,126	-	2,158	2,116	846	44
2012	1,349	(D)	2,207	1,004	1,392	81
Amount from State and local government agricultural program payments .....farms, 2017	23	-	17	5	12	-
2012	42	1	24	-	19	2
\$1,000, 2017	205	-	122	79	201	-
2012	102	(D)	186	-	110	(D)
Average per farm .....dollars, 2017	8,911	-	7,170	15,860	16,735	-
2012	2,422	(D)	7,737	-	5,779	(D)
Other farm-related income sources (see text) .....farms, 2017	59	13	87	70	52	20
2012	57	17	93	92	64	13
\$1,000, 2017	808	89	2,929	1,103	795	41
2012	729	36	2,016	866	1,565	325

--continued

Table 6. Income From Farm-Related Sources: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Total income from farm-related sources farms, 2017	21	372	337	288	86	386
2012	30	353	384	298	54	436
\$1,000, 2017	164	3,679	4,313	9,522	658	9,249
2012	130	2,241	7,613	5,064	400	12,740
Average per farm dollars, 2017	7,812	9,889	12,797	33,061	7,649	23,961
2012	4,349	6,348	19,824	16,994	7,409	29,220
Customwork and other agricultural services farms, 2017	6	55	42	36	22	33
2012	4	51	51	40	11	36
\$1,000, 2017	6	740	308	1,843	163	205
2012	(D)	401	574	1,261	35	407
Gross cash rent or share payments farms, 2017	1	183	147	101	26	165
2012	7	189	194	130	14	174
\$1,000, 2017	(D)	1,726	960	1,790	119	1,850
2012	9	1,195	950	1,626	27	728
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products farms, 2017	8	26	24	14	14	14
2012	4	27	33	13	17	34
\$1,000, 2017	130	141	273	281	76	112
2012	26	125	255	72	98	363
Agri-tourism and recreational services farms, 2017	-	13	17	11	1	20
2012	1	16	13	26	-	35
\$1,000, 2017	-	25	19	386	(D)	916
2012	(D)	66	33	264	-	462
Patronage dividends and refunds from cooperatives farms, 2017	2	90	85	113	14	129
2012	7	69	69	92	4	114
\$1,000, 2017	(D)	203	181	829	19	1,120
2012	(D)	157	136	450	(D)	613
Crop and livestock insurance payments farms, 2017	-	52	60	22	6	46
2012	-	30	56	14	3	41
\$1,000, 2017	-	553	1,286	268	(D)	2,186
2012	-	173	4,291	298	91	8,400
Amount from State and local government agricultural program payments farms, 2017	-	7	10	8	3	4
2012	-	10	6	8	4	6
\$1,000, 2017	-	18	67	39	5	11
2012	-	21	8	29	(D)	22
Average per farm dollars, 2017	-	2,543	6,745	4,890	1,686	2,633
2012	-	2,112	1,405	3,649	(D)	3,688
Other farm-related income sources (see text) farms, 2017	5	59	51	72	22	70
2012	12	44	63	43	10	91
\$1,000, 2017	(D)	273	1,217	4,085	88	2,850
2012	87	102	1,364	1,065	130	1,744

--continued

Table 6. Income From Farm-Related Sources: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Total income from farm-related sources .....farms, 2017	3	62	356	158	614	194
2012	2	51	406	181	612	213
\$1,000, 2017	10	1,016	5,159	3,285	10,268	3,433
2012	(D)	357	5,100	6,393	16,620	2,610
Average per farm .....dollars, 2017	3,280	16,392	14,491	20,790	16,723	17,694
2012	(D)	7,006	12,562	35,318	27,157	12,254
Customwork and other agricultural services .....farms, 2017	-	3	43	25	91	25
2012	-	9	45	34	99	28
\$1,000, 2017	-	(D)	608	270	2,791	170
2012	-	12	891	193	2,797	360
Gross cash rent or share payments .....farms, 2017	-	18	100	31	297	79
2012	-	20	134	40	273	91
\$1,000, 2017	-	37	542	(D)	4,142	1,068
2012	-	49	459	188	3,062	341
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products .....farms, 2017	-	29	37	25	33	31
2012	-	21	22	30	32	19
\$1,000, 2017	-	592	247	402	203	223
2012	-	80	94	897	318	56
Agri-tourism and recreational services .....farms, 2017	-	7	31	33	4	14
2012	-	3	14	21	6	15
\$1,000, 2017	-	220	1,304	1,360	52	585
2012	-	161	767	1,230	42	226
Patronage dividends and refunds from cooperatives .....farms, 2017	-	11	165	62	217	39
2012	-	6	146	50	132	27
\$1,000, 2017	-	6	309	226	582	44
2012	-	10	348	245	463	(D)
Crop and livestock insurance payments .....farms, 2017	-	2	27	13	94	15
2012	-	4	20	35	127	13
\$1,000, 2017	-	(D)	391	275	1,097	125
2012	-	37	1,070	1,673	8,061	274
Amount from State and local government agricultural program payments .....farms, 2017	-	2	4	1	33	3
2012	-	-	6	10	47	3
\$1,000, 2017	-	(D)	49	(D)	434	38
2012	-	-	3	59	203	(D)
Average per farm .....dollars, 2017	-	(D)	12,333	(D)	13,163	12,549
2012	-	-	457	5,868	4,329	(D)
Other farm-related income sources (see text) .....farms, 2017	3	12	58	25	74	35
2012	2	8	102	39	82	55
\$1,000, 2017	10	64	1,706	517	967	1,180
2012	(D)	9	1,439	1,909	1,674	1,307

--continued

Table 6. Income From Farm-Related Sources: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Total income from farm-related sources farms, 2017	16	23	152	105	34	211
2012	12	20	189	79	45	166
\$1,000, 2017	129	300	2,613	1,343	168	2,055
2012	151	387	3,937	1,434	438	2,071
Average per farm dollars, 2017	8,067	13,041	17,194	12,789	4,939	9,737
2012	12,583	19,362	20,833	18,155	9,738	12,478
Customwork and other agricultural services farms, 2017	3	2	22	18	4	33
2012	1	7	34	13	6	24
\$1,000, 2017	71	(D)	326	539	13	500
2012	(D)	16	303	(D)	34	266
Gross cash rent or share payments farms, 2017	6	3	42	23	4	82
2012	4	1	54	31	3	76
\$1,000, 2017	30	1	100	102	6	410
2012	68	(D)	262	158	2	314
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products farms, 2017	9	7	15	34	17	24
2012	5	4	7	21	17	20
\$1,000, 2017	13	29	247	411	63	471
2012	52	(D)	2	341	99	182
Agri-tourism and recreational services farms, 2017	-	2	5	3	2	1
2012	-	3	11	3	1	5
\$1,000, 2017	-	(D)	726	24	(D)	(D)
2012	-	302	629	(D)	(D)	(D)
Patronage dividends and refunds from cooperatives farms, 2017	3	10	38	18	5	70
2012	3	5	42	6	6	33
\$1,000, 2017	(D)	(D)	(D)	19	(D)	(D)
2012	(D)	34	81	(D)	(D)	110
Crop and livestock insurance payments farms, 2017	-	4	34	4	-	18
2012	-	2	24	9	2	6
\$1,000, 2017	-	139	318	(D)	-	190
2012	-	(D)	445	519	(D)	(D)
Amount from State and local government agricultural program payments farms, 2017	-	-	5	2	1	1
2012	1	-	6	2	1	-
\$1,000, 2017	-	-	(D)	(D)	(D)	(D)
2012	(D)	-	18	(D)	(D)	-
Average per farm dollars, 2017	-	-	(D)	(D)	(D)	(D)
2012	(D)	-	2,997	(D)	(D)	-
Other farm-related income sources (see text) farms, 2017	2	5	43	26	5	47
2012	3	2	54	13	21	39
\$1,000, 2017	(D)	(D)	725	163	(D)	310
2012	(D)	(D)	2,197	26	234	298

--continued

Table 6. Income From Farm-Related Sources: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Total income from farm-related sources .....farms, 2017	283	143	196	178	586	408
2012	246	170	194	179	604	424
\$1,000, 2017	3,273	1,751	1,825	2,548	6,235	6,398
2012	2,246	2,303	1,800	1,510	10,881	8,594
Average per farm .....dollars, 2017	11,564	12,246	9,314	14,316	10,640	15,680
2012	9,129	13,548	9,278	8,438	18,014	20,269
Customwork and other agricultural services .....farms, 2017	33	15	28	29	60	44
2012	30	18	17	29	72	67
\$1,000, 2017	930	58	96	432	1,071	1,560
2012	343	65	68	707	983	1,862
Gross cash rent or share payments .....farms, 2017	128	54	109	82	199	225
2012	114	54	105	78	193	235
\$1,000, 2017	695	110	929	607	1,427	1,946
2012	731	98	1,264	230	1,786	3,029
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products .....farms, 2017	34	40	14	15	19	49
2012	22	40	12	27	13	40
\$1,000, 2017	220	722	67	126	167	389
2012	84	927	51	94	81	212
Agri-tourism and recreational services .....farms, 2017	7	8	14	7	16	12
2012	14	11	1	7	8	14
\$1,000, 2017	216	49	16	100	921	459
2012	166	114	(D)	(D)	(D)	279
Patronage dividends and refunds from cooperatives .....farms, 2017	81	49	24	72	363	121
2012	43	59	30	58	347	82
\$1,000, 2017	257	311	66	557	582	247
2012	287	134	143	259	856	209
Crop and livestock insurance payments .....farms, 2017	17	26	23	19	70	35
2012	13	37	12	6	111	29
\$1,000, 2017	(D)	477	327	549	790	772
2012	205	887	99	91	5,911	1,273
Amount from State and local government agricultural program payments .....farms, 2017	3	8	4	4	5	5
2012	4	7	4	2	13	12
\$1,000, 2017	(D)	14	11	31	24	29
2012	2	6	(D)	(D)	(D)	50
Average per farm .....dollars, 2017	(D)	1,775	2,844	7,634	4,804	5,740
2012	464	885	(D)	(D)	(D)	4,145
Other farm-related income sources (see text) .....farms, 2017	44	8	35	11	54	40
2012	40	16	31	13	72	52
\$1,000, 2017	802	10	313	146	1,253	997
2012	428	73	147	70	944	1,679

--continued

Table 6. Income From Farm-Related Sources: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Total income from farm-related sources farms, 2017	58	181	325	122	295	119
2012	43	172	333	156	269	105
\$1,000, 2017	332	3,129	3,155	5,223	6,006	1,238
2012	434	4,651	4,160	4,397	6,727	925
Average per farm dollars, 2017	5,731	17,285	9,706	42,808	20,359	10,401
2012	10,097	27,043	12,492	28,185	25,008	8,811
Customwork and other agricultural services farms, 2017	8	18	39	20	53	9
2012	12	15	68	16	51	11
\$1,000, 2017	75	205	603	351	1,148	284
2012	69	227	880	259	655	354
Gross cash rent or share payments farms, 2017	16	79	121	27	118	46
2012	7	54	133	28	129	46
\$1,000, 2017	32	482	431	206	1,578	94
2012	19	666	502	120	442	117
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products farms, 2017	13	33	38	17	52	16
2012	11	21	28	10	34	15
\$1,000, 2017	28	295	(D)	100	488	225
2012	44	137	101	(D)	416	129
Agri-tourism and recreational services farms, 2017	3	8	17	15	7	5
2012	4	16	6	13	8	7
\$1,000, 2017	(D)	(D)	(D)	583	530	(D)
2012	104	195	547	1,069	232	(D)
Patronage dividends and refunds from cooperatives farms, 2017	21	30	116	13	121	42
2012	13	30	103	28	61	26
\$1,000, 2017	28	(D)	411	(D)	566	102
2012	36	(D)	316	83	(D)	104
Crop and livestock insurance payments farms, 2017	2	12	37	8	31	10
2012	2	32	23	2	38	3
\$1,000, 2017	(D)	769	914	59	1,214	166
2012	(D)	2,499	1,157	(D)	3,719	(D)
Amount from State and local government agricultural program payments farms, 2017	2	3	2	3	3	2
2012	2	1	4	3	4	4
\$1,000, 2017	(D)	(D)	(D)	(D)	146	(D)
2012	(D)	(D)	63	9	(D)	3
Average per farm dollars, 2017	(D)	(D)	(D)	(D)	48,516	(D)
2012	(D)	(D)	15,648	3,084	(D)	725
Other farm-related income sources (see text) farms, 2017	2	44	49	50	41	18
2012	5	45	53	81	54	15
\$1,000, 2017	(D)	828	348	3,859	336	354
2012	4	813	594	2,844	996	73

--continued

Table 6. Income From Farm-Related Sources: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Total income from farm-related sources .....farms, 2017	35	212	63	70	552	136
2012	31	247	51	64	578	112
\$1,000, 2017	125	1,242	747	551	8,072	593
2012	123	1,401	155	517	14,081	473
Average per farm .....dollars, 2017	3,585	5,857	11,857	7,868	14,623	4,363
2012	3,978	5,672	3,035	8,079	24,361	4,222
Customwork and other agricultural services .....farms, 2017	12	12	9	11	79	8
2012	7	32	19	10	104	19
\$1,000, 2017	15	149	62	33	2,298	55
2012	29	342	57	(D)	2,112	38
Gross cash rent or share payments .....farms, 2017	13	111	12	17	213	72
2012	10	115	19	14	211	60
\$1,000, 2017	28	293	85	78	1,334	172
2012	11	396	26	44	1,216	124
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products .....farms, 2017	3	40	22	18	18	32
2012	11	36	9	20	31	22
\$1,000, 2017	(D)	345	302	308	172	205
2012	39	204	10	209	149	229
Agri-tourism and recreational services .....farms, 2017	2	14	8	3	19	3
2012	2	4	2	9	7	11
\$1,000, 2017	(D)	108	181	51	163	(D)
2012	(D)	8	(D)	108	86	40
Patronage dividends and refunds from cooperatives .....farms, 2017	7	54	8	16	242	21
2012	9	50	6	8	232	12
\$1,000, 2017	7	172	(D)	7	2,091	44
2012	4	91	(D)	5	2,857	23
Crop and livestock insurance payments .....farms, 2017	-	6	-	1	40	9
2012	1	11	-	3	67	1
\$1,000, 2017	-	(D)	-	(D)	510	31
2012	(D)	259	-	(D)	5,975	(D)
Amount from State and local government agricultural program payments .....farms, 2017	-	4	2	2	10	1
2012	-	-	-	1	-	1
\$1,000, 2017	-	(D)	(D)	(D)	21	(D)
2012	-	-	-	(D)	-	(D)
Average per farm .....dollars, 2017	-	(D)	(D)	(D)	2,064	(D)
2012	-	-	-	(D)	-	(D)
Other farm-related income sources (see text) .....farms, 2017	8	20	22	11	95	25
2012	4	51	15	14	98	9
\$1,000, 2017	5	92	106	69	1,482	78
2012	40	102	17	75	1,686	(D)

--continued

Table 6. Income From Farm-Related Sources: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Total income from farm-related sources farms, 2017	16	628	364	406	754	7
2012	20	568	339	418	725	22
\$1,000, 2017	375	7,072	3,529	15,037	11,753	583
2012	88	5,583	2,754	13,625	11,325	236
Average per farm dollars, 2017	23,429	11,262	9,696	37,037	15,587	83,272
2012	4,395	9,830	8,125	32,596	15,621	10,733
Customwork and other agricultural services farms, 2017	4	58	75	85	150	1
2012	-	85	59	94	106	3
\$1,000, 2017	2	873	297	4,985	4,799	(D)
2012	-	725	396	4,373	3,722	1
Gross cash rent or share payments farms, 2017	1	323	142	197	244	-
2012	3	301	134	206	300	-
\$1,000, 2017	(D)	3,017	585	7,339	2,409	-
2012	(D)	3,181	595	6,216	2,831	-
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products farms, 2017	2	23	18	51	38	5
2012	7	26	22	36	37	12
\$1,000, 2017	(D)	132	(D)	251	217	520
2012	42	174	176	412	150	212
Agri-tourism and recreational services farms, 2017	4	9	5	10	16	-
2012	7	6	11	11	10	2
\$1,000, 2017	(D)	64	(D)	34	82	-
2012	(D)	76	35	129	133	(D)
Patronage dividends and refunds from cooperatives farms, 2017	4	196	109	118	448	5
2012	-	126	70	107	342	1
\$1,000, 2017	2	872	197	494	1,501	(D)
2012	-	585	163	274	1,452	(D)
Crop and livestock insurance payments farms, 2017	4	92	63	39	84	1
2012	-	47	31	50	66	1
\$1,000, 2017	7	1,343	1,607	1,100	752	(D)
2012	-	498	458	1,321	656	(D)
Amount from State and local government agricultural program payments farms, 2017	-	34	6	6	16	-
2012	1	27	8	10	20	-
\$1,000, 2017	-	221	36	49	30	-
2012	(D)	108	32	64	77	-
Average per farm dollars, 2017	-	6,505	5,960	8,139	1,860	-
2012	(D)	4,011	3,993	6,418	3,841	-
Other farm-related income sources (see text) farms, 2017	3	71	63	65	93	-
2012	5	81	80	64	85	6
\$1,000, 2017	(D)	550	697	784	1,963	-
2012	27	236	900	836	2,304	(D)

--continued

Table 6. Income From Farm-Related Sources: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Total income from farm-related sources .....farms, 2017	418	651	379	546	94	99
2012	403	611	458	511	92	92
\$1,000, 2017	4,464	11,648	8,441	9,233	2,498	763
2012	5,054	8,884	12,729	10,802	2,777	508
Average per farm .....dollars, 2017	10,679	17,892	22,271	16,910	26,577	7,706
2012	12,541	14,540	27,791	21,138	30,184	5,520
Customwork and other agricultural services .....farms, 2017	38	78	52	81	10	8
2012	52	74	72	86	14	11
\$1,000, 2017	494	1,724	1,765	860	49	43
2012	462	1,441	1,525	713	126	(D)
Gross cash rent or share payments .....farms, 2017	211	275	191	195	9	36
2012	203	283	225	177	13	31
\$1,000, 2017	1,959	5,135	2,143	1,349	43	211
2012	1,332	3,992	5,826	883	42	93
Sales of forest products, excluding Christmas trees, short rotation woody crops, and maple products .....farms, 2017	26	15	54	50	11	21
2012	17	29	37	40	-	19
\$1,000, 2017	169	57	384	152	(D)	181
2012	108	113	242	99	-	84
Agri-tourism and recreational services .....farms, 2017	10	19	5	49	34	10
2012	8	17	18	33	20	5
\$1,000, 2017	29	214	3	569	982	(D)
2012	86	243	154	1,218	494	(D)
Patronage dividends and refunds from cooperatives .....farms, 2017	151	303	134	159	28	20
2012	112	279	123	100	18	7
\$1,000, 2017	491	1,081	1,635	283	29	14
2012	232	1,768	1,404	183	(D)	2
Crop and livestock insurance payments .....farms, 2017	62	84	46	89	12	1
2012	44	44	68	92	9	4
\$1,000, 2017	564	1,636	2,294	2,043	192	(D)
2012	1,659	454	3,184	5,429	209	172
Amount from State and local government agricultural program payments .....farms, 2017	20	26	9	13	2	2
2012	19	23	7	13	1	-
\$1,000, 2017	73	215	51	25	(D)	(D)
2012	73	55	24	74	(D)	-
Average per farm .....dollars, 2017	3,659	8,280	5,627	1,913	(D)	(D)
2012	3,821	2,381	3,430	5,680	(D)	-
Other farm-related income sources (see text) .....farms, 2017	47	106	44	111	27	29
2012	70	72	56	136	36	26
\$1,000, 2017	685	1,586	167	3,951	1,184	254
2012	1,101	785	369	2,203	1,896	89

Table 7. Hired Farm Labor - Workers and Payroll: 2017

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Hired farm labor farms	11,907	32	20	360	69	99
workers	77,475	103	54	4,341	187	748
\$1,000 payroll	952,388	909	500	68,966	2,659	6,768
Farms with-						
1 worker farms	3,615	12	8	75	21	21
workers	3,615	12	8	75	21	21
2 workers farms	2,566	6	4	80	28	18
workers	5,132	12	8	160	56	36
3 or 4 workers farms	2,344	3	5	50	7	25
workers	7,991	(D)	19	166	22	83
5 to 9 workers farms	1,859	10	3	74	13	11
workers	11,795	57	19	450	88	67
10 workers or more farms	1,523	1	-	81	-	24
workers	48,942	(D)	-	3,490	-	541
Workers by days worked:						
150 days or more farms	5,589	14	6	180	44	43
workers	27,177	51	(D)	1,797	102	234
Farms with-						
1 worker farms	2,046	1	3	36	22	16
workers	2,046	1	3	36	22	16
2 workers farms	1,249	3	1	45	10	7
workers	2,498	6	2	90	20	14
3 or 4 workers farms	1,014	7	1	29	4	12
workers	3,464	22	(D)	104	13	40
5 to 9 workers farms	748	3	1	32	8	3
workers	4,684	22	(D)	195	47	20
10 workers or more farms	532	-	-	38	-	5
workers	14,485	-	-	1,372	-	144
Less than 150 days farms	9,295	27	17	275	38	89
workers	50,298	52	(D)	2,544	85	514
Farms with-						
1 worker farms	3,102	12	7	72	8	18
workers	3,102	12	7	72	8	18
2 workers farms	2,094	10	5	64	24	19
workers	4,188	20	10	128	48	38
3 or 4 workers farms	1,929	3	3	45	3	24
workers	6,562	(D)	(D)	152	9	77
5 to 9 workers farms	1,214	2	2	48	3	14
workers	7,490	(D)	(D)	287	20	98
10 workers or more farms	956	-	-	46	-	14
workers	28,956	-	-	1,905	-	283
Reported only workers working						
150 days or more farms	2,612	5	3	85	31	10
workers	9,122	16	11	769	60	22
\$1,000 payroll	250,014	321	(D)	23,559	875	415
Reported only workers working						
less than 150 days farms	6,318	18	14	180	25	56
workers	19,978	33	29	622	62	260
\$1,000 payroll	67,577	93	(D)	1,794	525	1,650
Reported both - workers working						
150 days or more and workers						
working less than 150 days farms	2,977	9	3	95	13	33
150 days or more, workers	18,055	35	4	1,028	42	212
less than 150 days, workers	30,320	19	10	1,922	23	254
\$1,000 payroll	634,797	495	214	43,613	1,258	4,703
Total migrant workers farms	828	-	-	32	-	14
workers	19,602	-	-	1,265	-	132
Migrant farm labor on farms with hired labor farms	760	-	-	28	-	14
workers	18,437	-	-	1,161	-	132
Migrant farm labor on farms reporting only						
contract labor farms	68	-	-	4	-	-
workers	1,165	-	-	104	-	-
Unpaid workers farms	23,260	111	65	597	191	159
workers	54,839	225	163	1,393	474	360

--continued

Table 7. Hired Farm Labor - Workers and Payroll: 2017 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Hired farm labor .....farms	67	10	196	178	43	280
workers	246	(D)	783	756	333	3,584
\$1,000 payroll	3,382	75	11,988	6,149	3,202	36,975
Farms with-						
1 worker .....farms	13	5	81	50	12	42
workers	13	5	81	50	12	42
2 workers .....farms	25	4	33	32	2	68
workers	50	8	66	64	4	136
3 or 4 workers .....farms	13	1	32	41	13	40
workers	45	(D)	110	134	47	134
5 to 9 workers .....farms	13	-	37	37	8	56
workers	82	-	218	238	55	372
10 workers or more .....farms	3	-	13	18	8	74
workers	56	-	308	270	215	2,900
Workers by days worked:						
150 days or more .....farms	42	3	107	85	21	141
workers	114	3	388	289	72	967
Farms with-						
1 worker .....farms	9	3	54	35	8	38
workers	9	3	54	35	8	38
2 workers .....farms	23	-	30	18	1	34
workers	46	-	60	36	2	68
3 or 4 workers .....farms	6	-	5	20	6	23
workers	(D)	-	15	69	18	82
5 to 9 workers .....farms	3	-	7	9	6	24
workers	22	-	51	70	44	148
10 workers or more .....farms	1	-	11	3	-	22
workers	(D)	-	208	79	-	631
Less than 150 days .....farms	45	10	143	139	35	235
workers	132	(D)	395	467	261	2,617
Farms with-						
1 worker .....farms	17	8	51	35	8	41
workers	17	8	51	35	8	41
2 workers .....farms	10	1	30	36	2	46
workers	20	2	60	72	4	92
3 or 4 workers .....farms	11	1	47	37	11	39
workers	(D)	(D)	169	124	39	128
5 to 9 workers .....farms	6	-	13	27	7	47
workers	44	-	(D)	181	46	303
10 workers or more .....farms	1	-	2	4	7	62
workers	(D)	-	(D)	55	164	2,053
Reported only workers working						
150 days or more .....farms	22	-	53	39	8	45
workers	53	-	95	127	20	154
\$1,000 payroll	1,328	-	2,731	1,591	(D)	3,964
Reported only workers working						
less than 150 days .....farms	25	7	89	93	22	139
workers	70	(D)	192	273	91	552
\$1,000 payroll	149	(D)	369	604	(D)	2,071
Reported both - workers working						
150 days or more and workers						
working less than 150 days .....farms	20	3	54	46	13	96
150 days or more, workers	61	(D)	293	162	52	813
less than 150 days, workers	62	(D)	203	194	170	2,065
\$1,000 payroll	1,905	(D)	8,888	3,953	1,869	30,940
Total migrant workers .....farms	-	-	5	1	12	74
workers	-	-	38	(D)	163	1,590
Migrant farm labor on farms with hired labor .....farms	-	-	5	1	12	63
workers	-	-	38	(D)	163	1,495
Migrant farm labor on farms reporting only						
contract labor .....farms	-	-	-	-	-	11
workers	-	-	-	-	-	95
Unpaid workers .....farms	148	40	486	225	113	423
workers	281	94	1,247	549	259	948

--continued

Table 7. Hired Farm Labor - Workers and Payroll: 2017 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Hired farm labor farms	184	200	171	57	44	78
workers	834	856	1,116	166	98	270
\$1,000 payroll	10,249	11,133	13,798	622	781	1,403
Farms with-						
1 worker farms	75	81	60	18	26	24
workers	75	81	60	18	26	24
2 workers farms	32	48	39	17	8	14
workers	64	96	78	34	16	28
3 or 4 workers farms	39	32	28	10	7	19
workers	131	106	90	(D)	24	61
5 to 9 workers farms	25	19	21	10	2	14
workers	162	106	143	55	(D)	80
10 workers or more farms	13	20	23	2	1	7
workers	402	467	745	(D)	(D)	77
Workers by days worked:						
150 days or more farms	75	67	83	17	8	24
workers	255	275	447	47	29	76
Farms with-						
1 worker farms	37	27	37	3	3	10
workers	37	27	37	3	3	10
2 workers farms	12	19	13	8	2	-
workers	24	38	26	16	4	-
3 or 4 workers farms	16	7	8	4	-	5
workers	53	22	26	(D)	17	17
5 to 9 workers farms	4	8	16	1	3	9
workers	26	55	101	(D)	22	49
10 workers or more farms	6	6	9	1	-	-
workers	115	133	257	(D)	-	-
Less than 150 days farms	152	172	127	54	37	67
workers	579	581	669	119	69	194
Farms with-						
1 worker farms	68	77	39	24	23	23
workers	68	77	39	24	23	23
2 workers farms	34	40	42	15	6	11
workers	68	80	84	30	12	22
3 or 4 workers farms	24	28	18	10	7	16
workers	80	92	57	35	(D)	(D)
5 to 9 workers farms	18	15	12	4	-	16
workers	114	88	73	(D)	-	88
10 workers or more farms	8	12	16	1	1	1
workers	249	244	416	(D)	(D)	(D)
Reported only workers working						
150 days or more farms	32	28	44	3	7	11
workers	70	75	91	8	(D)	28
\$1,000 payroll	2,027	1,631	2,492	(D)	378	709
Reported only workers working						
less than 150 days farms	109	133	88	40	36	54
workers	281	287	244	85	59	145
\$1,000 payroll	956	817	1,061	(D)	(D)	387
Reported both - workers working						
150 days or more and workers						
working less than 150 days farms	43	39	39	14	1	13
150 days or more, workers	185	200	356	39	(D)	48
less than 150 days, workers	298	294	425	34	(D)	49
\$1,000 payroll	7,266	8,685	10,245	424	(D)	307
Total migrant workers farms	6	-	14	1	-	-
workers	543	-	374	(D)	-	-
Migrant farm labor on farms with hired labor farms	6	-	13	1	-	-
workers	543	-	(D)	(D)	-	-
Migrant farm labor on farms reporting only						
contract labor farms	-	-	1	-	-	-
workers	-	-	(D)	-	-	-
Unpaid workers farms	395	514	311	143	164	229
workers	1,012	1,255	662	340	359	493

--continued

Table 7. Hired Farm Labor - Workers and Payroll: 2017 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Hired farm labor .....farms	69	239	2	44	33	205
workers	203	1,335	(D)	141	105	763
\$1,000 payroll	2,535	25,726	(D)	1,343	691	3,075
Farms with-						
1 worker .....farms	28	72	-	14	5	66
workers	28	72	-	14	5	66
2 workers .....farms	20	55	-	12	21	44
workers	40	110	-	24	42	88
3 or 4 workers .....farms	10	40	2	9	2	55
workers	35	138	(D)	30	(D)	188
5 to 9 workers .....farms	8	41	-	6	1	24
workers	50	279	-	39	(D)	135
10 workers or more .....farms	3	31	-	3	4	16
workers	50	736	-	34	46	286
Workers by days worked:						
150 days or more .....farms	33	107	-	16	14	46
workers	91	702	-	33	37	90
Farms with-						
1 worker .....farms	17	39	-	5	8	26
workers	17	39	-	5	8	26
2 workers .....farms	5	16	-	6	1	8
workers	10	32	-	12	2	16
3 or 4 workers .....farms	6	15	-	5	1	8
workers	(D)	54	-	16	(D)	27
5 to 9 workers .....farms	4	20	-	-	4	4
workers	20	125	-	-	(D)	21
10 workers or more .....farms	1	17	-	-	-	-
workers	(D)	452	-	-	-	-
Less than 150 days .....farms	54	189	2	38	30	189
workers	112	633	(D)	108	68	673
Farms with-						
1 worker .....farms	28	66	-	16	8	71
workers	28	66	-	16	8	71
2 workers .....farms	12	53	-	9	18	37
workers	24	106	-	18	36	74
3 or 4 workers .....farms	7	31	2	9	1	46
workers	25	107	(D)	(D)	(D)	155
5 to 9 workers .....farms	7	29	-	1	3	23
workers	35	190	-	(D)	(D)	132
10 workers or more .....farms	-	10	-	3	-	12
workers	-	164	-	34	-	241
Reported only workers working						
150 days or more .....farms	15	50	-	6	3	16
workers	29	299	-	14	4	29
\$1,000 payroll	340	9,496	-	307	(D)	621
Reported only workers working						
less than 150 days .....farms	36	132	2	28	19	159
workers	59	333	(D)	77	35	604
\$1,000 payroll	221	1,619	(D)	319	(D)	958
Reported both - workers working						
150 days or more and workers						
working less than 150 days .....farms	18	57	-	10	11	30
150 days or more, workers	62	403	-	19	33	61
less than 150 days, workers	53	300	-	31	33	69
\$1,000 payroll	1,973	14,610	-	717	618	1,496
Total migrant workers .....farms	-	4	-	-	-	1
workers	-	(D)	-	-	-	(D)
Migrant farm labor on farms with hired labor .....farms	-	4	-	-	-	1
workers	-	(D)	-	-	-	(D)
Migrant farm labor on farms reporting only						
contract labor .....farms	-	-	-	-	-	-
workers	-	-	-	-	-	-
Unpaid workers .....farms	228	456	38	135	103	473
workers	635	957	138	306	240	1,119

--continued

Table 7. Hired Farm Labor - Workers and Payroll: 2017 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Hired farm labor farms	64	169	62	13	160	220
workers	362	807	164	41	932	1,410
\$1,000 payroll	3,941	11,126	1,005	(D)	7,245	22,174
Farms with-						
1 worker farms	21	50	32	1	33	75
workers	21	50	32	1	33	75
2 workers farms	2	23	5	4	24	48
workers	4	46	10	8	48	96
3 or 4 workers farms	21	55	20	4	40	36
workers	78	189	70	12	130	126
5 to 9 workers farms	12	21	2	4	35	37
workers	102	117	(D)	20	208	242
10 workers or more farms	8	20	3	-	28	24
workers	157	405	(D)	-	513	871
Workers by days worked:						
150 days or more farms	35	73	15	2	76	111
workers	134	297	22	(D)	201	678
Farms with-						
1 worker farms	7	32	8	-	35	47
workers	7	32	8	-	35	47
2 workers farms	5	11	7	-	20	17
workers	10	22	14	-	40	34
3 or 4 workers farms	12	10	-	-	8	25
workers	(D)	36	-	-	26	83
5 to 9 workers farms	10	16	-	2	10	11
workers	68	92	-	(D)	60	68
10 workers or more farms	1	4	-	-	3	11
workers	(D)	115	-	-	40	446
Less than 150 days farms	54	126	53	11	140	167
workers	228	510	142	(D)	731	732
Farms with-						
1 worker farms	18	33	27	1	30	63
workers	18	33	27	1	30	63
2 workers farms	6	18	4	4	24	37
workers	12	36	8	8	48	74
3 or 4 workers farms	17	49	17	4	36	31
workers	59	168	55	12	123	110
5 to 9 workers farms	7	15	2	2	33	21
workers	45	80	(D)	(D)	217	141
10 workers or more farms	6	11	3	-	17	15
workers	94	193	(D)	-	313	344
Reported only workers working						
150 days or more farms	10	43	9	2	20	53
workers	17	94	13	(D)	38	168
\$1,000 payroll	383	1,312	557	(D)	664	4,585
Reported only workers working						
less than 150 days farms	29	96	47	11	84	109
workers	66	319	127	(D)	269	264
\$1,000 payroll	408	1,080	267	18	978	1,012
Reported both - workers working						
150 days or more and workers						
working less than 150 days farms	25	30	6	-	56	58
150 days or more, workers	117	203	9	-	163	510
less than 150 days, workers	162	191	15	-	462	468
\$1,000 payroll	3,150	8,734	181	-	5,602	16,576
Total migrant workers farms	7	3	2	-	44	9
workers	43	8	(D)	-	332	50
Migrant farm labor on farms with hired labor farms	7	3	2	-	38	9
workers	43	8	(D)	-	283	50
Migrant farm labor on farms reporting only						
contract labor farms	-	-	-	-	6	-
workers	-	-	-	-	49	-
Unpaid workers farms	137	392	225	38	262	333
workers	334	928	581	95	687	644

--continued

Table 7. Hired Farm Labor - Workers and Payroll: 2017 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Hired farm labor .....farms	281	37	373	240	231	30
workers	1,035	183	1,877	1,135	1,541	136
\$1,000 payroll	17,024	620	40,557	12,433	38,308	759
Farms with-						
1 worker .....farms	110	5	119	70	71	13
workers	110	5	119	70	71	13
2 workers .....farms	65	9	67	51	45	2
workers	130	18	134	102	90	4
3 or 4 workers .....farms	52	14	92	55	43	3
workers	185	55	310	184	146	11
5 to 9 workers .....farms	38	5	55	37	42	4
workers	224	28	355	227	263	22
10 workers or more .....farms	16	4	40	27	30	8
workers	386	77	959	552	971	86
Workers by days worked:						
150 days or more .....farms	112	13	234	109	119	8
workers	447	28	1,110	430	872	39
Farms with-						
1 worker .....farms	50	6	104	35	53	2
workers	50	6	104	35	53	2
2 workers .....farms	22	3	46	35	23	1
workers	44	6	92	70	46	2
3 or 4 workers .....farms	23	2	34	13	16	-
workers	72	(D)	122	43	57	-
5 to 9 workers .....farms	8	2	27	17	15	4
workers	51	(D)	174	113	98	(D)
10 workers or more .....farms	9	-	23	9	12	1
workers	230	-	618	169	618	(D)
Less than 150 days .....farms	228	31	248	185	171	27
workers	588	155	767	705	669	97
Farms with-						
1 worker .....farms	100	5	82	65	50	15
workers	100	5	82	65	50	15
2 workers .....farms	57	5	60	40	35	1
workers	114	10	120	80	70	2
3 or 4 workers .....farms	44	15	62	47	48	3
workers	152	54	210	156	160	10
5 to 9 workers .....farms	19	3	36	19	20	3
workers	115	20	219	115	112	15
10 workers or more .....farms	8	3	8	14	18	5
workers	107	66	136	289	277	55
Reported only workers working						
150 days or more .....farms	53	6	125	55	60	3
workers	123	17	558	202	557	22
\$1,000 payroll	3,284	249	17,969	5,131	23,796	367
Reported only workers working						
less than 150 days .....farms	169	24	139	131	112	22
workers	394	131	333	436	372	85
\$1,000 payroll	2,359	117	2,234	398	1,184	90
Reported both - workers working						
150 days or more and workers						
working less than 150 days .....farms	59	7	109	54	59	5
150 days or more, workers	324	11	552	228	315	17
less than 150 days, workers	194	24	434	269	297	12
\$1,000 payroll	11,381	254	20,353	6,904	13,328	302
Total migrant workers .....farms	6	-	5	-	4	-
workers	42	-	51	-	28	-
Migrant farm labor on farms with hired labor .....farms	6	-	5	-	3	-
workers	42	-	51	-	(D)	-
Migrant farm labor on farms reporting only						
contract labor .....farms	-	-	-	-	1	-
workers	-	-	-	-	(D)	-
Unpaid workers .....farms	548	139	437	462	416	143
workers	1,162	368	913	1,051	954	338

--continued

Table 7. Hired Farm Labor - Workers and Payroll: 2017 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Hired farm labor farms	16	216	212	232	26	328
workers	84	758	748	2,788	174	3,014
\$1,000 payroll	892	9,346	6,716	44,145	1,193	49,885
Farms with-						
1 worker farms	8	67	60	75	9	76
workers	8	67	60	75	9	76
2 workers farms	-	47	52	44	6	71
workers	-	94	104	88	12	142
3 or 4 workers farms	2	55	58	28	8	57
workers	(D)	175	192	97	29	189
5 to 9 workers farms	2	33	29	27	-	46
workers	(D)	223	182	173	-	312
10 workers or more farms	4	14	13	58	3	78
workers	(D)	199	210	2,355	124	2,295
Workers by days worked:						
150 days or more farms	4	100	94	130	10	166
workers	36	303	264	987	42	1,078
Farms with-						
1 worker farms	-	36	38	31	3	28
workers	-	36	38	31	3	28
2 workers farms	-	15	25	28	2	47
workers	-	30	50	56	4	94
3 or 4 workers farms	-	35	16	25	2	38
workers	-	120	54	91	(D)	130
5 to 9 workers farms	4	10	10	16	2	30
workers	36	57	66	87	(D)	179
10 workers or more farms	-	4	5	30	1	23
workers	-	60	56	722	(D)	647
Less than 150 days farms	16	161	166	178	23	256
workers	48	455	484	1,801	132	1,936
Farms with-						
1 worker farms	8	55	55	60	10	74
workers	8	55	55	60	10	74
2 workers farms	-	48	45	32	6	58
workers	-	96	90	64	12	116
3 or 4 workers farms	2	36	46	25	4	35
workers	(D)	120	147	85	13	121
5 to 9 workers farms	6	16	13	15	-	33
workers	(D)	98	76	85	-	225
10 workers or more farms	-	6	7	46	3	56
workers	-	86	116	1,507	97	1,400
Reported only workers working						
150 days or more farms	-	55	46	54	3	72
workers	-	162	107	223	9	493
\$1,000 payroll	-	5,357	1,574	4,677	213	23,153
Reported only workers working						
less than 150 days farms	12	116	118	102	16	162
workers	24	325	346	216	27	731
\$1,000 payroll	19	783	1,014	1,327	28	2,005
Reported both - workers working						
150 days or more and workers						
working less than 150 days farms	4	45	48	76	7	94
150 days or more, workers	36	141	157	764	33	585
less than 150 days, workers	24	130	138	1,585	105	1,205
\$1,000 payroll	873	3,206	4,128	38,141	952	24,727
Total migrant workers farms	-	12	3	4	2	74
workers	-	52	4	14	(D)	1,808
Migrant farm labor on farms with hired labor farms	-	12	3	4	2	72
workers	-	52	4	14	(D)	(D)
Migrant farm labor on farms reporting only						
contract labor farms	-	-	-	-	-	2
workers	-	-	-	-	-	(D)
Unpaid workers farms	67	425	484	317	125	527
workers	135	1,015	1,261	720	276	1,435

--continued

Table 7. Hired Farm Labor - Workers and Payroll: 2017 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Hired farm labor .....farms	-	27	232	230	319	145
workers	-	63	891	1,520	1,184	545
\$1,000 payroll	-	440	9,685	13,814	17,931	6,147
Farms with-						
1 worker .....farms	-	13	85	31	122	62
workers	-	13	85	31	122	62
2 workers .....farms	-	7	70	44	87	29
workers	-	14	140	88	174	58
3 or 4 workers .....farms	-	4	29	41	54	33
workers	-	12	102	135	181	115
5 to 9 workers .....farms	-	3	33	73	31	14
workers	-	24	213	468	213	89
10 workers or more .....farms	-	-	15	41	25	7
workers	-	-	351	798	494	221
Workers by days worked:						
150 days or more .....farms	-	12	96	120	170	77
workers	-	(D)	263	385	603	167
Farms with-						
1 worker .....farms	-	4	44	44	80	45
workers	-	4	44	44	80	45
2 workers .....farms	-	7	18	37	36	14
workers	-	14	36	74	72	28
3 or 4 workers .....farms	-	1	17	19	30	11
workers	-	(D)	57	58	103	38
5 to 9 workers .....farms	-	-	14	13	12	5
workers	-	-	86	96	82	(D)
10 workers or more .....farms	-	-	3	7	12	2
workers	-	-	40	113	266	(D)
Less than 150 days .....farms	-	18	188	200	218	97
workers	-	(D)	628	1,135	581	378
Farms with-						
1 worker .....farms	-	9	88	36	105	41
workers	-	9	88	36	105	41
2 workers .....farms	-	2	44	35	48	18
workers	-	4	88	70	96	36
3 or 4 workers .....farms	-	5	27	43	41	26
workers	-	(D)	94	145	137	89
5 to 9 workers .....farms	-	2	22	60	10	10
workers	-	(D)	139	375	69	(D)
10 workers or more .....farms	-	-	7	26	14	2
workers	-	-	219	509	174	(D)
Reported only workers working						
150 days or more .....farms	-	9	44	30	101	48
workers	-	14	102	87	282	82
\$1,000 payroll	-	237	2,123	1,778	6,817	1,544
Reported only workers working						
less than 150 days .....farms	-	15	136	110	149	68
workers	-	25	375	603	336	162
\$1,000 payroll	-	43	1,726	1,578	1,349	597
Reported both - workers working						
150 days or more and workers						
working less than 150 days .....farms	-	3	52	90	69	29
150 days or more, workers	-	8	161	298	321	85
less than 150 days, workers	-	16	253	532	245	216
\$1,000 payroll	-	160	5,836	10,458	9,765	4,007
Total migrant workers .....farms	-	-	4	44	6	2
workers	-	-	(D)	479	165	(D)
Migrant farm labor on farms with hired labor .....farms	-	-	3	37	6	2
workers	-	-	(D)	406	165	(D)
Migrant farm labor on farms reporting only						
contract labor .....farms	-	-	1	7	-	-
workers	-	-	(D)	73	-	-
Unpaid workers .....farms	3	86	500	243	589	387
workers	3	192	1,216	546	1,303	869

--continued

Table 7. Hired Farm Labor - Workers and Payroll: 2017 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Hired farm labor farms	14	18	146	58	36	123
workers	81	59	1,422	317	105	712
\$1,000 payroll	535	832	14,955	1,439	668	8,943
Farms with-						
1 worker farms	6	7	46	16	14	31
workers	6	7	46	16	14	31
2 workers farms	1	5	23	18	7	32
workers	2	10	46	36	14	64
3 or 4 workers farms	-	3	26	8	6	26
workers	-	9	86	27	19	87
5 to 9 workers farms	3	-	20	9	9	17
workers	15	-	111	60	58	112
10 workers or more farms	4	3	31	7	-	17
workers	58	33	1,133	178	-	418
Workers by days worked:						
150 days or more farms	7	6	80	34	14	35
workers	(D)	36	624	109	(D)	208
Farms with-						
1 worker farms	5	3	22	16	6	8
workers	5	3	22	16	6	8
2 workers farms	-	-	7	8	6	7
workers	-	-	14	16	12	14
3 or 4 workers farms	-	-	23	7	1	3
workers	-	-	78	26	(D)	12
5 to 9 workers farms	1	-	12	2	1	9
workers	(D)	-	85	(D)	(D)	50
10 workers or more farms	1	3	16	1	-	8
workers	(D)	33	425	(D)	-	124
Less than 150 days farms	12	12	110	44	29	113
workers	(D)	23	798	208	(D)	504
Farms with-						
1 worker farms	4	4	45	16	13	33
workers	4	4	45	16	13	33
2 workers farms	1	5	18	9	7	28
workers	2	10	36	18	14	56
3 or 4 workers farms	4	3	19	10	1	29
workers	(D)	9	66	(D)	(D)	97
5 to 9 workers farms	-	-	12	2	8	11
workers	-	-	70	(D)	(D)	65
10 workers or more farms	3	-	16	7	-	12
workers	37	-	581	125	-	253
Reported only workers working						
150 days or more farms	2	6	36	14	7	10
workers	(D)	36	293	26	17	38
\$1,000 payroll	(D)	641	4,676	315	397	664
Reported only workers working						
less than 150 days farms	7	12	66	24	22	88
workers	(D)	23	173	71	57	255
\$1,000 payroll	(D)	191	210	168	93	576
Reported both - workers working						
150 days or more and workers						
working less than 150 days farms	5	-	44	20	7	25
150 days or more, workers	21	-	331	83	10	170
less than 150 days, workers	28	-	625	137	21	249
\$1,000 payroll	(D)	-	10,068	957	178	7,702
Total migrant workers farms	2	-	28	12	-	13
workers	(D)	-	230	157	-	148
Migrant farm labor on farms with hired labor farms	2	-	28	8	-	13
workers	(D)	-	230	143	-	148
Migrant farm labor on farms reporting only						
contract labor farms	-	-	-	4	-	-
workers	-	-	-	14	-	-
Unpaid workers farms	33	50	218	160	92	257
workers	55	116	439	428	261	572

--continued

Table 7. Hired Farm Labor - Workers and Payroll: 2017 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Hired farm labor .....farms	127	75	101	139	256	209
workers	710	250	449	1,150	1,795	1,203
\$1,000 payroll	13,681	3,130	5,173	23,372	24,430	16,837
Farms with-						
1 worker .....farms	45	35	36	43	61	50
workers	45	35	36	43	61	50
2 workers .....farms	31	15	25	13	71	58
workers	62	30	50	26	142	116
3 or 4 workers .....farms	25	15	17	24	61	44
workers	88	51	57	82	207	145
5 to 9 workers .....farms	15	6	14	29	33	34
workers	102	46	86	191	197	217
10 workers or more .....farms	11	4	9	30	30	23
workers	413	88	220	808	1,188	675
Workers by days worked:						
150 days or more .....farms	51	40	47	95	114	93
workers	250	112	215	620	749	447
Farms with-						
1 worker .....farms	18	20	21	27	33	31
workers	18	20	21	27	33	31
2 workers .....farms	18	5	13	16	39	15
workers	36	10	26	32	78	30
3 or 4 workers .....farms	7	11	5	16	23	23
workers	22	38	(D)	53	74	82
5 to 9 workers .....farms	3	2	6	16	8	15
workers	20	(D)	33	113	55	94
10 workers or more .....farms	5	2	2	20	11	9
workers	154	(D)	(D)	395	509	210
Less than 150 days .....farms	95	48	72	104	204	167
workers	460	138	234	530	1,046	756
Farms with-						
1 worker .....farms	37	23	27	33	64	44
workers	37	23	27	33	64	44
2 workers .....farms	17	14	16	16	53	58
workers	34	28	32	32	106	116
3 or 4 workers .....farms	26	2	15	26	45	32
workers	94	(D)	53	90	155	106
5 to 9 workers .....farms	9	7	9	19	23	19
workers	60	43	54	120	146	123
10 workers or more .....farms	6	2	5	10	19	14
workers	235	(D)	68	255	575	367
Reported only workers working						
150 days or more .....farms	32	27	29	35	52	42
workers	142	53	63	168	107	123
\$1,000 payroll	(D)	824	1,006	6,440	1,640	2,018
Reported only workers working						
less than 150 days .....farms	76	35	54	44	142	116
workers	296	79	166	95	664	299
\$1,000 payroll	(D)	191	596	400	2,251	579
Reported both - workers working						
150 days or more and workers						
working less than 150 days .....farms	19	13	18	60	62	51
150 days or more, workers	108	59	152	452	642	324
less than 150 days, workers	164	59	68	435	382	457
\$1,000 payroll	4,718	2,115	3,571	16,532	20,539	14,241
Total migrant workers .....farms	-	-	-	4	13	9
workers	-	-	-	(D)	185	215
Migrant farm labor on farms with hired labor .....farms	-	-	-	2	11	9
workers	-	-	-	(D)	(D)	215
Migrant farm labor on farms reporting only						
contract labor .....farms	-	-	-	2	2	-
workers	-	-	-	(D)	(D)	-
Unpaid workers .....farms	385	205	264	177	511	496
workers	1,061	459	620	401	1,149	1,146

--continued

Table 7. Hired Farm Labor - Workers and Payroll: 2017 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Hired farm labor farms	23	116	200	150	233	94
workers	48	1,427	1,315	819	2,833	317
\$1,000 payroll	466	11,492	15,356	7,044	22,843	4,641
Farms with-						
1 worker farms	13	34	77	34	43	40
workers	13	34	77	34	43	40
2 workers farms	1	13	39	31	35	10
workers	2	26	78	62	70	20
3 or 4 workers farms	6	15	28	39	53	24
workers	18	54	101	134	180	82
5 to 9 workers farms	3	25	25	28	35	12
workers	15	145	171	164	241	73
10 workers or more farms	-	29	31	18	67	8
workers	-	1,168	888	425	2,299	102
Workers by days worked:						
150 days or more farms	8	48	82	64	110	64
workers	22	302	524	257	772	202
Farms with-						
1 worker farms	2	9	13	18	27	28
workers	2	9	13	18	27	28
2 workers farms	2	10	24	13	26	5
workers	4	20	48	26	52	10
3 or 4 workers farms	2	10	19	21	17	17
workers	(D)	32	62	75	59	60
5 to 9 workers farms	2	9	16	8	26	11
workers	(D)	59	97	53	165	70
10 workers or more farms	-	10	10	4	14	3
workers	-	182	304	85	469	34
Less than 150 days farms	17	99	163	124	195	47
workers	26	1,125	791	562	2,061	115
Farms with-						
1 worker farms	12	31	75	42	38	19
workers	12	31	75	42	38	19
2 workers farms	1	16	26	25	27	13
workers	2	32	52	50	54	26
3 or 4 workers farms	4	13	26	29	46	7
workers	12	47	87	96	158	(D)
5 to 9 workers farms	-	16	14	15	28	7
workers	-	86	85	90	197	37
10 workers or more farms	-	23	22	13	56	1
workers	-	929	492	284	1,614	(D)
Reported only workers working						
150 days or more farms	6	17	37	26	38	47
workers	(D)	68	226	85	151	109
\$1,000 payroll	200	1,095	3,194	1,237	4,696	1,880
Reported only workers working						
less than 150 days farms	15	68	118	86	123	30
workers	23	322	283	361	621	64
\$1,000 payroll	(D)	551	887	1,052	1,328	100
Reported both - workers working						
150 days or more and workers						
working less than 150 days farms	2	31	45	38	72	17
150 days or more, workers	(D)	234	298	172	621	93
less than 150 days, workers	(D)	803	508	201	1,440	51
\$1,000 payroll	(D)	9,846	11,274	4,755	16,818	2,661
Total migrant workers farms	1	13	20	10	97	1
workers	(D)	622	546	16	2,143	(D)
Migrant farm labor on farms with hired labor farms	1	11	16	10	92	1
workers	(D)	(D)	528	16	2,098	(D)
Migrant farm labor on farms reporting only						
contract labor farms	-	2	4	-	5	-
workers	-	(D)	18	-	45	-
Unpaid workers farms	80	262	433	282	221	124
workers	164	687	1,123	750	497	269

--continued

Table 7. Hired Farm Labor - Workers and Payroll: 2017 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Hired farm labor .....farms	25	123	30	28	421	76
workers	94	449	59	117	7,626	270
\$1,000 payroll	247	3,833	314	886	89,819	1,662
Farms with-						
1 worker .....farms	2	38	9	10	77	28
workers	2	38	9	10	77	28
2 workers .....farms	6	35	16	5	67	21
workers	12	70	32	10	134	42
3 or 4 workers .....farms	8	28	5	7	69	14
workers	27	100	18	27	241	44
5 to 9 workers .....farms	9	18	-	4	69	7
workers	53	123	-	(D)	446	53
10 workers or more .....farms	-	4	-	2	139	6
workers	-	118	-	(D)	6,728	103
Workers by days worked:						
150 days or more .....farms	9	52	17	13	260	27
workers	16	147	22	59	2,487	58
Farms with-						
1 worker .....farms	5	30	12	5	62	14
workers	5	30	12	5	62	14
2 workers .....farms	1	7	5	4	52	6
workers	2	14	10	8	104	12
3 or 4 workers .....farms	3	8	-	3	58	3
workers	9	27	-	(D)	201	11
5 to 9 workers .....farms	-	4	-	-	34	4
workers	-	24	-	-	208	21
10 workers or more .....farms	-	3	-	1	54	-
workers	-	52	-	(D)	1,912	-
Less than 150 days .....farms	23	89	19	22	329	62
workers	78	302	37	58	5,139	212
Farms with-						
1 worker .....farms	3	19	7	7	57	21
workers	3	19	7	7	57	21
2 workers .....farms	4	33	9	8	60	22
workers	8	66	18	16	120	44
3 or 4 workers .....farms	10	23	3	3	62	10
workers	33	82	12	12	212	32
5 to 9 workers .....farms	6	12	-	4	41	3
workers	34	(D)	-	23	269	23
10 workers or more .....farms	-	2	-	-	109	6
workers	-	(D)	-	-	4,481	92
Reported only workers working						
150 days or more .....farms	2	34	11	6	92	14
workers	(D)	80	16	46	411	20
\$1,000 payroll	(D)	1,205	208	(D)	15,534	477
Reported only workers working						
less than 150 days .....farms	16	71	13	15	161	49
workers	(D)	191	29	29	993	157
\$1,000 payroll	111	495	62	(D)	4,597	157
Reported both - workers working						
150 days or more and workers						
working less than 150 days .....farms	7	18	6	7	168	13
150 days or more, workers	14	67	6	13	2,076	38
less than 150 days, workers	15	111	8	29	4,146	55
\$1,000 payroll	(D)	2,133	44	590	69,688	1,028
Total migrant workers .....farms	-	-	-	1	65	1
workers	-	-	-	(D)	2,756	(D)
Migrant farm labor on farms with hired labor .....farms	-	-	-	1	58	1
workers	-	-	-	(D)	2,573	(D)
Migrant farm labor on farms reporting only						
contract labor .....farms	-	-	-	-	7	-
workers	-	-	-	-	183	-
Unpaid workers .....farms	66	314	70	116	521	140
workers	168	725	181	346	1,325	336

--continued

Table 7. Hired Farm Labor - Workers and Payroll: 2017 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Hired farm labor farms	10	299	203	243	441	9
workers	28	969	742	1,218	1,632	(D)
\$1,000 payroll	17	10,999	5,602	21,508	22,816	288
Farms with-						
1 worker farms	3	98	87	92	115	2
workers	3	98	87	92	115	2
2 workers farms	3	83	53	46	102	3
workers	6	166	106	92	204	6
3 or 4 workers farms	3	70	24	41	141	2
workers	(D)	240	82	146	484	(D)
5 to 9 workers farms	-	29	20	52	65	2
workers	-	170	136	354	401	(D)
10 workers or more farms	1	19	19	12	18	-
workers	(D)	295	331	534	428	-
Workers by days worked:						
150 days or more farms	6	120	75	125	221	3
workers	(D)	272	231	557	738	(D)
Farms with-						
1 worker farms	-	52	33	52	70	2
workers	-	52	33	52	70	2
2 workers farms	3	37	11	24	76	-
workers	6	74	22	48	152	-
3 or 4 workers farms	3	20	12	32	44	1
workers	(D)	65	(D)	112	155	(D)
5 to 9 workers farms	-	9	17	11	21	-
workers	-	(D)	104	68	131	-
10 workers or more farms	-	2	2	6	10	-
workers	-	(D)	(D)	277	230	-
Less than 150 days farms	4	237	162	170	315	9
workers	(D)	697	511	661	894	(D)
Farms with-						
1 worker farms	3	82	65	70	107	2
workers	3	82	65	70	107	2
2 workers farms	-	75	45	28	75	5
workers	-	150	90	56	150	10
3 or 4 workers farms	-	46	26	36	84	1
workers	-	158	91	125	269	(D)
5 to 9 workers farms	-	22	19	29	42	1
workers	-	132	120	198	251	(D)
10 workers or more farms	1	12	7	7	7	-
workers	(D)	175	145	212	117	-
Reported only workers working						
150 days or more farms	6	62	41	73	126	-
workers	15	117	66	156	375	-
\$1,000 payroll	14	1,945	556	3,914	9,874	-
Reported only workers working						
less than 150 days farms	4	179	128	118	220	6
workers	13	449	271	337	578	14
\$1,000 payroll	3	2,521	685	957	1,771	(D)
Reported both - workers working						
150 days or more and workers						
working less than 150 days farms	-	58	34	52	95	3
150 days or more, workers	-	155	165	401	363	(D)
less than 150 days, workers	-	248	240	324	316	8
\$1,000 payroll	-	6,533	4,361	16,637	11,171	(D)
Total migrant workers farms	-	4	1	13	5	-
workers	-	17	(D)	147	66	-
Migrant farm labor on farms with hired labor farms	-	4	1	12	5	-
workers	-	17	(D)	(D)	66	-
Migrant farm labor on farms reporting only						
contract labor farms	-	-	-	1	-	-
workers	-	-	-	(D)	-	-
Unpaid workers farms	32	521	514	472	617	32
workers	81	1,080	1,060	1,268	1,789	80

--continued

Table 7. Hired Farm Labor - Workers and Payroll: 2017 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Hired farm labor .....farms	198	340	346	306	93	55
workers	577	1,451	6,446	1,243	855	223
\$1,000 payroll	7,986	17,955	44,233	9,769	7,258	3,022
Farms with-						
1 worker .....farms	98	110	71	90	20	17
workers	98	110	71	90	20	17
2 workers .....farms	37	84	47	72	27	19
workers	74	168	94	144	54	38
3 or 4 workers .....farms	34	55	47	63	17	9
workers	119	193	166	221	56	32
5 to 9 workers .....farms	21	67	90	58	12	3
workers	125	411	556	398	68	17
10 workers or more .....farms	8	24	91	23	17	7
workers	161	569	5,559	390	657	119
Workers by days worked:						
150 days or more .....farms	80	165	158	138	41	25
workers	275	468	1,046	392	254	103
Farms with-						
1 worker .....farms	37	87	52	43	12	2
workers	37	87	52	43	12	2
2 workers .....farms	18	28	19	42	8	13
workers	36	56	38	84	16	26
3 or 4 workers .....farms	5	26	22	34	9	1
workers	18	87	74	118	32	(D)
5 to 9 workers .....farms	15	14	37	16	7	5
workers	85	81	210	103	42	(D)
10 workers or more .....farms	5	10	28	3	5	4
workers	99	157	672	44	152	41
Less than 150 days .....farms	138	272	295	261	68	39
workers	302	983	5,400	851	601	120
Farms with-						
1 worker .....farms	76	104	43	87	24	15
workers	76	104	43	87	24	15
2 workers .....farms	21	63	62	62	12	9
workers	42	126	124	124	24	18
3 or 4 workers .....farms	30	54	38	63	9	8
workers	107	196	133	217	28	29
5 to 9 workers .....farms	8	35	85	33	8	3
workers	47	213	496	193	46	18
10 workers or more .....farms	3	16	67	16	15	4
workers	30	344	4,604	230	479	40
Reported only workers working						
150 days or more .....farms	60	68	51	45	25	16
workers	146	175	155	112	93	38
\$1,000 payroll	2,516	5,244	3,572	2,518	1,784	1,313
Reported only workers working						
less than 150 days .....farms	118	175	188	168	52	30
workers	224	476	1,213	398	199	56
\$1,000 payroll	607	2,226	6,925	866	378	124
Reported both - workers working						
150 days or more and workers						
working less than 150 days .....farms	20	97	107	93	16	9
150 days or more, workers	129	293	891	280	161	65
less than 150 days, workers	78	507	4,187	453	402	64
\$1,000 payroll	4,863	10,485	33,737	6,384	5,095	1,586
Total migrant workers .....farms	3	37	75	1	2	2
workers	10	428	4,115	(D)	(D)	(D)
Migrant farm labor on farms with hired labor .....farms	3	36	68	1	2	2
workers	10	(D)	3,678	(D)	(D)	(D)
Migrant farm labor on farms reporting only						
contract labor .....farms	-	1	7	-	-	-
workers	-	(D)	437	-	-	-
Unpaid workers .....farms	544	519	448	729	154	169
workers	1,099	1,015	1,001	1,566	533	454

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
FARMS AND LAND IN FARMS						
Farms number, 2017	47,641	223	126	1,172	415	333
..... number, 2012	52,194	235	93	1,396	458	415
Land in farms acres, 2017	9,764,090	36,431	20,961	229,743	65,388	55,565
..... acres, 2012	9,948,564	38,309	17,781	270,282	69,274	64,167
Average size of farm acres, 2017	205	163	166	196	158	167
..... acres, 2012	191	163	191	194	151	155
Estimated market value of land and buildings farms, 2017	47,641	223	126	1,172	415	333
..... farms, 2012	52,194	235	93	1,396	458	415
..... dollars, \$1,000, 2017	48,385,690	94,338	42,750	1,374,022	166,437	233,546
..... dollars, 2012	39,988,344	92,729	36,801	1,294,769	168,532	229,972
Average per farm dollars, 2017	1,015,631	423,042	339,285	1,172,374	401,054	701,340
..... dollars, 2012	766,148	394,591	395,705	927,485	367,974	554,150
Average per acre dollars, 2017	4,955	2,590	2,040	5,981	2,545	4,203
..... dollars, 2012	4,020	2,421	2,070	4,790	2,433	3,584
2017 farms by value group:						
\$1 to \$49,999	2,803	12	19	45	40	6
\$50,000 to \$99,999	3,608	35	16	89	36	35
\$100,000 to \$199,999	8,893	40	25	206	138	56
\$200,000 to \$499,999	16,453	79	47	432	124	136
\$500,000 to \$999,999	6,887	35	12	147	49	61
\$1,000,000 to \$1,999,999	3,748	15	4	109	16	17
\$2,000,000 to \$4,999,999	3,217	6	3	81	8	15
\$5,000,000 to \$9,999,999	1,366	1	-	39	4	4
\$10,000,000 or more	666	-	-	24	-	3
Approximate land area acres, 2017	36,197,991	431,779	585,618	528,156	365,994	304,434
Proportion in farms percent, 2017	27.0	8.4	3.6	43.5	17.9	18.3
2017 size of farm:						
1 to 9 acres farms	5,154	6	14	162	31	22
..... acres	23,780	22	79	808	(D)	53
10 to 49 acres farms	16,920	78	47	450	129	104
..... acres	439,602	2,239	1,355	11,429	3,928	2,879
50 to 69 acres farms	3,697	21	13	92	29	38
..... acres	215,779	1,225	753	5,254	1,612	2,198
70 to 99 acres farms	4,931	34	9	101	56	33
..... acres	401,015	2,767	756	8,170	4,430	2,681
100 to 139 acres farms	3,681	11	9	78	57	39
..... acres	427,531	1,264	1,081	9,071	6,966	4,574
140 to 179 acres farms	2,230	19	6	46	26	21
..... acres	350,242	2,977	895	7,311	3,941	3,216
180 to 219 acres farms	1,526	6	3	24	25	12
..... acres	301,459	1,155	598	4,702	4,840	2,349
220 to 259 acres farms	1,191	4	2	30	11	8
..... acres	283,954	950	(D)	7,137	2,614	(D)
260 to 499 acres farms	3,591	24	15	78	22	34
..... acres	1,289,424	8,713	5,727	28,130	8,029	11,949
500 to 999 acres farms	2,560	17	2	52	19	14
..... acres	1,787,990	10,496	(D)	35,940	13,457	9,319
1,000 to 1,999 acres farms	1,504	2	6	43	8	6
..... acres	2,029,547	(D)	8,227	57,878	10,563	8,071
2,000 acres or more farms	656	1	-	16	2	2
..... acres	2,213,767	(D)	-	53,913	(D)	(D)
2012 size of farm:						
1 to 9 acres farms	4,162	12	2	168	23	38
..... acres	20,018	73	(D)	811	111	150
10 to 49 acres farms	18,764	68	43	555	129	132
..... acres	497,573	1,882	1,204	14,512	3,570	3,709
50 to 69 acres farms	4,639	16	7	140	34	35
..... acres	270,763	934	426	7,935	(D)	2,057
70 to 99 acres farms	6,049	49	4	135	82	57
..... acres	491,910	4,034	(D)	10,985	6,669	4,581
100 to 139 acres farms	4,225	19	7	91	55	45
..... acres	492,076	2,258	800	10,536	6,526	5,150
140 to 179 acres farms	2,721	17	2	58	34	22
..... acres	427,361	2,639	(D)	9,233	5,266	3,520
180 to 219 acres farms	1,934	11	4	39	19	23
..... acres	381,740	2,173	816	7,753	3,841	4,432
220 to 259 acres farms	1,340	8	3	29	22	10
..... acres	318,170	1,794	761	6,961	5,158	2,346
260 to 499 acres farms	3,766	17	12	71	30	30
..... acres	1,319,691	5,793	4,263	24,326	10,312	10,851
500 to 999 acres farms	2,574	11	4	56	23	15
..... acres	1,778,392	6,839	2,299	38,273	15,572	10,084
1,000 to 1,999 acres farms	1,417	7	5	35	6	5
..... acres	1,906,091	9,890	6,539	45,563	8,036	6,375
2,000 acres or more farms	603	-	-	19	1	3
..... acres	2,044,779	-	-	93,394	(D)	10,912
LAND IN FARMS ACCORDING TO USE						
Total cropland farms, 2017	40,597	202	117	982	360	296
..... farms, 2012	44,668	202	75	1,162	409	348
..... acres, 2017	7,924,480	24,086	9,937	196,870	42,206	34,179
..... acres, 2012	7,669,071	23,802	8,736	223,343	44,122	33,944
Harvested cropland farms, 2017	35,147	179	102	907	319	260
..... farms, 2012	37,479	179	75	1,037	349	290
..... acres, 2017	7,214,667	20,042	7,799	181,865	35,668	24,661
..... acres, 2012	7,057,978	20,896	7,773	210,987	38,428	27,548

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
FARMS AND LAND IN FARMS						
Farms number, 2017	350	65	938	726	197	872
..... number, 2012	421	57	1,031	766	181	1,063
Land in farms acres, 2017	87,174	17,604	154,624	209,848	18,516	144,583
..... acres, 2012	81,677	17,732	165,185	193,708	20,646	156,418
Average size of farm acres, 2017	249	271	165	289	94	166
..... acres, 2012	194	311	160	253	114	147
Estimated market value of land and buildings farms, 2017	350	65	938	726	197	872
..... farms, 2012	421	57	1,031	766	181	1,063
..... \$1,000, 2017	292,457	38,532	742,368	1,060,199	73,338	931,784
..... \$1,000, 2012	227,248	32,766	657,506	778,193	86,063	874,568
Average per farm dollars, 2017	835,592	592,800	791,437	1,460,329	372,275	1,068,559
..... dollars, 2012	539,783	574,848	637,736	1,015,917	475,487	822,735
Average per acre dollars, 2017	3,355	2,189	4,801	5,052	3,961	6,445
..... dollars, 2012	2,782	1,848	3,980	4,017	4,169	5,591
2017 farms by value group:						
\$1 to \$49,999	27	1	44	51	11	69
\$50,000 to \$99,999	50	4	67	77	15	74
\$100,000 to \$199,999	89	24	161	111	60	130
\$200,000 to \$499,999	70	24	389	176	79	285
\$500,000 to \$999,999	35	5	151	85	17	138
\$1,000,000 to \$1,999,999	25	1	53	80	10	63
\$2,000,000 to \$4,999,999	46	6	47	83	5	77
\$5,000,000 to \$9,999,999	7	-	19	49	-	22
\$10,000,000 or more	1	-	7	14	-	14
Approximate land area acres, 2017	232,433	574,997	353,981	283,073	204,616	363,362
Proportion in farms percent, 2017	37.5	3.1	43.7	74.1	9.0	39.8
2017 size of farm:						
1 to 9 acres farms	28	-	104	71	27	135
..... acres	98	-	594	306	(D)	575
10 to 49 acres farms	91	19	354	196	91	369
..... acres	2,783	558	10,129	5,678	2,424	9,557
50 to 69 acres farms	23	6	83	53	8	56
..... acres	1,369	(D)	4,889	3,017	499	3,218
70 to 99 acres farms	42	7	99	67	27	65
..... acres	3,337	625	8,003	5,343	2,209	5,395
100 to 139 acres farms	41	6	98	54	10	51
..... acres	4,894	724	11,450	6,423	1,109	5,753
140 to 179 acres farms	26	3	39	53	14	32
..... acres	4,180	469	6,288	8,538	2,215	5,038
180 to 219 acres farms	8	1	28	16	4	26
..... acres	1,592	(D)	5,495	3,229	820	5,058
220 to 259 acres farms	9	4	22	18	3	15
..... acres	2,101	945	5,246	4,308	742	3,607
260 to 499 acres farms	28	10	41	76	5	51
..... acres	10,251	3,005	14,508	27,820	1,857	18,626
500 to 999 acres farms	34	4	32	58	7	43
..... acres	25,598	3,012	23,120	41,821	5,123	31,627
1,000 to 1,999 acres farms	17	4	28	49	1	19
..... acres	24,340	5,350	37,197	63,626	(D)	26,465
2,000 acres or more farms	3	1	10	15	-	10
..... acres	6,631	(D)	27,705	39,739	-	29,664
2012 size of farm:						
1 to 9 acres farms	19	2	74	50	18	126
..... acres	104	(D)	384	251	114	598
10 to 49 acres farms	144	15	385	233	57	490
..... acres	4,287	(D)	11,294	6,285	1,217	12,997
50 to 69 acres farms	34	-	115	60	23	82
..... acres	(D)	-	6,703	3,502	1,389	4,717
70 to 99 acres farms	64	2	133	85	19	89
..... acres	5,249	(D)	10,814	6,834	1,620	7,408
100 to 139 acres farms	38	9	80	70	16	61
..... acres	4,544	1,103	9,223	8,124	1,711	7,111
140 to 179 acres farms	23	5	44	40	21	46
..... acres	3,600	802	6,848	6,455	3,239	7,099
180 to 219 acres farms	14	5	49	25	8	22
..... acres	2,713	1,047	9,639	4,921	1,657	4,336
220 to 259 acres farms	11	3	32	21	2	19
..... acres	2,574	742	7,614	5,031	(D)	4,470
260 to 499 acres farms	30	7	50	70	10	54
..... acres	10,547	2,799	17,618	25,444	3,637	20,361
500 to 999 acres farms	29	1	34	59	6	42
..... acres	21,915	(D)	22,732	43,155	4,176	29,400
1,000 to 1,999 acres farms	13	8	25	39	1	24
..... acres	19,348	9,947	33,140	51,032	(D)	31,863
2,000 acres or more farms	2	-	10	14	-	8
..... acres	(D)	-	29,176	32,674	-	26,058
LAND IN FARMS ACCORDING TO USE						
Total cropland farms, 2017	331	52	760	679	161	794
..... farms, 2012	388	50	845	716	143	959
..... acres, 2017	72,958	9,511	119,174	197,074	8,706	123,529
..... acres, 2012	63,020	7,875	119,383	174,498	9,818	126,096
Harvested cropland farms, 2017	234	51	610	569	126	748
..... farms, 2012	226	45	642	584	126	865
..... acres, 2017	63,460	8,278	107,854	183,785	6,794	112,819
..... acres, 2012	52,524	6,954	105,373	166,525	7,560	116,045

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
FARMS AND LAND IN FARMS						
Farms number, 2017	789	958	747	271	330	427
..... number, 2012	1,054	1,023	798	297	313	409
Land in farms acres, 2017	239,418	213,946	198,515	29,940	44,024	89,066
..... acres, 2012	244,208	224,877	188,690	37,540	45,567	93,032
Average size of farm acres, 2017	303	223	266	110	133	209
..... acres, 2012	232	220	236	126	146	227
Estimated market value of land and buildings farms, 2017	789	958	747	271	330	427
..... farms, 2012	1,054	1,023	798	297	313	409
..... dollars, 2017	1,014,206	1,135,753	917,551	112,881	112,792	192,749
..... dollars, 2012	868,002	826,564	747,223	138,308	113,143	150,868
Average per farm dollars, 2017	1,285,432	1,185,546	1,228,314	416,535	341,794	451,403
..... dollars, 2012	823,531	807,981	936,370	465,683	361,480	368,869
Average per acre dollars, 2017	4,236	5,309	4,622	3,770	2,562	2,164
..... dollars, 2012	3,554	3,676	3,960	3,684	2,483	1,622
2017 farms by value group:						
\$1 to \$49,999	29	63	31	10	21	21
\$50,000 to \$99,999	73	52	56	28	36	33
\$100,000 to \$199,999	147	202	141	81	89	128
\$200,000 to \$499,999	265	295	269	83	145	159
\$500,000 to \$999,999	81	116	94	47	31	49
\$1,000,000 to \$1,999,999	81	102	74	19	6	16
\$2,000,000 to \$4,999,999	63	72	47	1	1	18
\$5,000,000 to \$9,999,999	35	37	19	-	-	3
\$10,000,000 or more	15	19	16	2	1	-
Approximate land area acres, 2017	324,104	452,004	313,660	266,451	457,775	997,446
Proportion in farms percent, 2017	73.9	47.3	63.3	11.2	9.6	8.9
2017 size of farm:						
1 to 9 acres farms	70	97	80	24	27	22
..... acres	337	489	350	114	84	67
10 to 49 acres farms	235	311	302	100	95	92
..... acres	6,332	7,410	8,117	2,782	2,728	2,104
50 to 69 acres farms	68	78	46	30	44	17
..... acres	4,087	4,654	2,681	1,729	2,516	(D)
70 to 99 acres farms	122	107	51	27	31	62
..... acres	9,879	8,924	4,160	2,151	2,489	5,161
100 to 139 acres farms	39	88	55	32	37	65
..... acres	4,497	10,220	6,275	3,741	4,138	7,706
140 to 179 acres farms	25	41	29	12	35	32
..... acres	3,868	6,224	4,433	1,839	5,355	5,078
180 to 219 acres farms	26	28	19	13	17	15
..... acres	5,114	5,535	3,814	2,478	3,304	2,880
220 to 259 acres farms	8	25	16	10	9	15
..... acres	1,903	6,017	3,913	2,398	2,074	3,532
260 to 499 acres farms	68	72	62	12	24	66
..... acres	25,395	25,623	23,364	4,094	8,281	22,999
500 to 999 acres farms	69	55	48	8	8	26
..... acres	46,595	37,620	34,644	5,064	5,240	17,543
1,000 to 1,999 acres farms	35	41	23	3	2	14
..... acres	46,151	57,143	32,777	3,550	(D)	18,925
2,000 acres or more farms	24	15	16	-	1	1
..... acres	85,260	44,087	73,987	-	(D)	(D)
2012 size of farm:						
1 to 9 acres farms	66	79	73	26	23	5
..... acres	354	461	323	135	77	27
10 to 49 acres farms	366	280	273	83	99	99
..... acres	10,724	7,483	7,013	2,281	3,122	2,548
50 to 69 acres farms	69	99	97	47	23	24
..... acres	4,079	5,729	5,600	2,720	(D)	(D)
70 to 99 acres farms	147	147	69	33	40	51
..... acres	11,893	12,102	5,624	2,731	3,185	4,141
100 to 139 acres farms	89	102	53	32	33	47
..... acres	10,435	11,743	6,165	3,737	3,819	5,343
140 to 179 acres farms	63	64	41	16	25	31
..... acres	9,837	10,201	6,518	2,472	3,946	4,818
180 to 219 acres farms	38	34	27	13	19	30
..... acres	7,510	6,791	5,292	2,531	3,736	5,790
220 to 259 acres farms	20	26	18	16	11	17
..... acres	4,812	6,230	4,229	3,815	2,570	3,981
260 to 499 acres farms	82	82	67	19	25	57
..... acres	28,719	29,367	23,981	6,586	8,109	19,440
500 to 999 acres farms	62	60	39	9	11	30
..... acres	44,020	42,419	27,215	6,062	7,384	20,315
1,000 to 1,999 acres farms	32	34	26	2	3	17
..... acres	42,536	45,567	35,806	(D)	3,834	22,657
2,000 acres or more farms	20	16	15	1	1	1
..... acres	69,289	46,784	60,924	(D)	(D)	(D)
LAND IN FARMS ACCORDING TO USE						
Total cropland farms, 2017	704	813	646	209	272	369
..... farms, 2012	953	906	669	254	258	354
..... acres, 2017	204,344	174,553	163,681	14,110	22,124	53,245
..... acres, 2012	197,706	175,599	147,980	20,790	21,791	57,377
Harvested cropland farms, 2017	584	714	577	174	220	295
..... farms, 2012	736	763	574	208	235	312
..... acres, 2017	191,614	163,533	154,451	10,203	15,719	30,835
..... acres, 2012	181,344	163,922	139,408	16,911	17,909	46,604

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
FARMS AND LAND IN FARMS						
Farms number, 2017	396	1,017	45	253	158	962
..... number, 2012	460	1,128	49	283	162	1,163
Land in farms acres, 2017	54,609	229,763	2,941	58,764	22,043	210,120
..... acres, 2012	62,506	243,815	2,755	70,832	28,614	223,239
Average size of farm acres, 2017	138	226	65	232	140	218
..... acres, 2012	136	216	56	250	177	192
Estimated market value of land and buildings farms, 2017	396	1,017	45	253	158	962
..... farms, 2012	460	1,128	49	283	162	1,163
..... \$1,000, 2017	164,443	1,299,267	10,299	104,902	60,109	877,435
..... \$1,000, 2012	177,222	1,059,333	9,112	138,219	63,263	830,904
Average per farm dollars, 2017	415,261	1,277,549	228,867	414,631	380,435	912,095
..... dollars, 2012	385,266	939,125	185,968	488,407	390,514	714,449
Average per acre dollars, 2017	3,011	5,655	3,502	1,785	2,727	4,176
..... dollars, 2012	2,835	4,345	3,308	1,951	2,211	3,722
2017 farms by value group:						
\$1 to \$49,999	30	56	6	20	9	53
\$50,000 to \$99,999	34	48	9	27	14	78
\$100,000 to \$199,999	98	196	7	90	35	173
\$200,000 to \$499,999	145	356	19	50	61	308
\$500,000 to \$999,999	66	175	4	43	27	138
\$1,000,000 to \$1,999,999	11	57	-	15	8	106
\$2,000,000 to \$4,999,999	9	79	-	8	4	77
\$5,000,000 to \$9,999,999	3	34	-	-	-	22
\$10,000,000 or more	-	16	-	-	-	7
Approximate land area acres, 2017	361,204	362,506	356,071	749,505	487,003	368,116
Proportion in farms percent, 2017	15.1	63.4	0.8	7.8	4.5	57.1
2017 size of farm:						
1 to 9 acres farms	25	110	6	19	19	68
..... acres	86	522	36	57	(D)	338
10 to 49 acres farms	137	365	22	55	33	332
..... acres	3,593	9,593	500	1,742	706	8,125
50 to 69 acres farms	33	86	2	26	15	99
..... acres	(D)	5,120	(D)	1,536	892	5,767
70 to 99 acres farms	60	106	5	29	16	94
..... acres	4,796	8,630	415	2,382	1,309	7,711
100 to 139 acres farms	44	82	1	28	28	77
..... acres	5,138	9,434	(D)	3,310	3,310	8,895
140 to 179 acres farms	29	38	6	7	8	40
..... acres	4,563	5,817	960	(D)	1,236	6,281
180 to 219 acres farms	8	27	-	17	11	25
..... acres	(D)	5,337	-	3,497	2,152	4,937
220 to 259 acres farms	14	26	-	8	5	20
..... acres	3,361	6,133	-	1,921	1,199	4,758
260 to 499 acres farms	27	59	3	28	16	89
..... acres	9,227	20,510	(D)	9,962	5,538	31,671
500 to 999 acres farms	10	58	-	22	5	70
..... acres	6,730	40,204	-	15,213	3,470	48,119
1,000 to 1,999 acres farms	8	40	-	13	2	36
..... acres	10,773	52,881	-	16,034	(D)	48,593
2,000 acres or more farms	1	20	-	-	-	12
..... acres	(D)	65,582	-	(D)	-	34,925
2012 size of farm:						
1 to 9 acres farms	34	91	5	10	10	85
..... acres	146	443	26	28	28	462
10 to 49 acres farms	153	406	25	56	34	391
..... acres	4,737	10,781	527	1,904	975	10,055
50 to 69 acres farms	45	106	6	19	15	110
..... acres	2,606	6,225	324	1,119	(D)	6,530
70 to 99 acres farms	72	137	6	40	17	134
..... acres	5,798	11,142	441	3,323	1,359	11,097
100 to 139 acres farms	53	92	3	29	20	102
..... acres	6,126	10,741	(D)	3,345	2,396	11,957
140 to 179 acres farms	30	54	2	21	13	67
..... acres	4,694	8,459	(D)	3,265	1,971	10,420
180 to 219 acres farms	19	41	-	21	6	40
..... acres	3,856	8,199	-	4,147	1,186	7,975
220 to 259 acres farms	11	19	-	5	13	20
..... acres	(D)	4,411	-	1,221	3,055	4,825
260 to 499 acres farms	20	68	2	36	21	87
..... acres	7,024	23,527	(D)	11,572	6,801	30,271
500 to 999 acres farms	13	59	-	32	12	82
..... acres	9,205	40,527	-	22,349	8,231	55,277
1,000 to 1,999 acres farms	8	36	-	14	1	35
..... acres	9,447	49,378	-	18,559	(D)	45,521
2,000 acres or more farms	2	19	-	-	-	10
..... acres	(D)	69,982	-	-	-	28,849
LAND IN FARMS ACCORDING TO USE						
Total cropland farms, 2017	314	887	13	219	123	826
..... farms, 2012	379	1,002	22	243	147	1,009
..... acres, 2017	30,407	200,898	334	29,049	8,748	177,091
..... acres, 2012	30,675	205,697	766	35,030	15,485	176,088
Harvested cropland farms, 2017	277	747	13	181	111	733
..... farms, 2012	319	803	22	213	129	844
..... acres, 2017	24,957	186,551	(D)	21,424	5,514	168,296
..... acres, 2012	25,356	194,099	659	28,864	12,416	166,769

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
FARMS AND LAND IN FARMS						
Farms number, 2017	324	820	459	54	497	812
..... number, 2012	287	835	533	62	504	878
Land in farms acres, 2017	39,256	123,920	58,586	5,535	50,886	296,702
..... acres, 2012	39,805	123,276	67,150	6,078	54,558	289,376
Average size of farm acres, 2017	121	151	128	103	102	365
..... acres, 2012	139	148	126	98	108	330
Estimated market value of land and buildings farms, 2017	324	820	459	54	497	812
..... farms, 2012	287	835	533	62	504	878
..... \$1,000, 2017	147,867	652,089	228,987	14,399	323,746	1,611,695
..... \$1,000, 2012	125,837	476,710	189,381	15,946	290,938	1,305,150
Average per farm dollars, 2017	456,379	795,230	498,882	266,642	651,401	1,984,846
..... dollars, 2012	438,456	570,910	355,312	257,198	577,258	1,486,504
Average per acre dollars, 2017	3,767	5,262	3,909	2,601	6,362	5,432
..... dollars, 2012	3,161	3,867	2,820	2,624	5,333	4,510
2017 farms by value group:						
\$1 to \$49,999	5	65	34	3	23	70
\$50,000 to \$99,999	23	60	53	5	49	41
\$100,000 to \$199,999	55	146	112	24	86	100
\$200,000 to \$499,999	150	339	163	17	202	246
\$500,000 to \$999,999	55	92	60	4	62	106
\$1,000,000 to \$1,999,999	27	42	19	-	36	93
\$2,000,000 to \$4,999,999	8	42	17	1	32	79
\$5,000,000 to \$9,999,999	1	29	-	-	4	44
\$10,000,000 or more	-	5	1	-	3	33
Approximate land area acres, 2017	299,215	407,656	321,154	705,367	297,179	363,760
Proportion in farms percent, 2017	13.1	30.4	18.2	0.8	17.1	81.6
2017 size of farm:						
1 to 9 acres farms	28	77	27	2	104	81
..... acres	118	318	(D)	(D)	(D)	368
10 to 49 acres farms	114	410	145	26	181	230
..... acres	3,187	10,079	4,464	920	4,750	6,547
50 to 69 acres farms	18	72	56	4	37	43
..... acres	956	4,068	3,248	216	2,040	2,512
70 to 99 acres farms	43	71	69	10	54	108
..... acres	3,486	5,747	5,577	840	4,465	8,671
100 to 139 acres farms	32	36	53	2	39	39
..... acres	3,643	4,064	5,973	(D)	4,540	4,627
140 to 179 acres farms	20	33	32	4	14	33
..... acres	3,214	5,131	4,861	658	2,161	5,329
180 to 219 acres farms	21	20	13	3	22	37
..... acres	4,173	4,103	2,578	608	4,150	7,289
220 to 259 acres farms	15	11	18	1	3	14
..... acres	3,636	2,680	4,343	(D)	685	3,308
260 to 499 acres farms	24	33	32	1	17	83
..... acres	9,327	11,972	12,013	(D)	5,722	29,615
500 to 999 acres farms	6	29	7	-	22	65
..... acres	3,271	19,748	4,865	-	16,200	46,137
1,000 to 1,999 acres farms	3	16	6	1	3	42
..... acres	4,245	21,133	7,732	(D)	3,500	57,130
2,000 acres or more farms	-	12	1	-	1	37
..... acres	-	34,877	(D)	-	(D)	125,169
2012 size of farm:						
1 to 9 acres farms	25	63	16	3	64	47
..... acres	120	334	106	(D)	275	178
10 to 49 acres farms	70	426	173	17	200	282
..... acres	1,856	10,650	5,311	487	5,312	7,361
50 to 69 acres farms	21	78	55	13	46	50
..... acres	1,232	4,532	(D)	724	2,649	2,962
70 to 99 acres farms	42	68	84	9	64	122
..... acres	3,486	5,562	6,903	764	5,156	9,748
100 to 139 acres farms	25	46	76	4	32	55
..... acres	2,838	5,197	8,847	500	3,712	6,501
140 to 179 acres farms	30	34	41	6	18	54
..... acres	4,738	5,180	6,517	920	2,779	8,432
180 to 219 acres farms	23	32	24	2	21	16
..... acres	4,480	6,165	4,662	(D)	4,087	3,147
220 to 259 acres farms	14	8	18	3	10	25
..... acres	3,355	1,932	4,274	726	(D)	5,998
260 to 499 acres farms	27	28	29	5	32	75
..... acres	9,409	10,189	9,821	1,538	11,088	26,835
500 to 999 acres farms	7	23	12	-	12	75
..... acres	4,026	15,986	8,018	-	8,953	47,754
1,000 to 1,999 acres farms	3	16	2	-	3	42
..... acres	4,265	21,532	(D)	-	3,180	56,518
2,000 acres or more farms	-	13	3	-	2	35
..... acres	-	36,017	7,202	-	(D)	113,942
LAND IN FARMS ACCORDING TO USE						
Total cropland farms, 2017	274	642	399	44	419	723
..... farms, 2012	245	696	475	53	438	783
..... acres, 2017	20,548	104,329	36,517	1,825	36,096	272,446
..... acres, 2012	17,872	102,603	40,121	2,369	36,373	259,530
Harvested cropland farms, 2017	238	581	344	36	394	634
..... farms, 2012	218	629	370	44	400	602
..... acres, 2017	12,896	96,854	29,550	1,299	29,997	259,408
..... acres, 2012	14,399	94,975	31,246	1,891	31,762	243,764

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
FARMS AND LAND IN FARMS						
Farms number, 2017	133	959	923	707	225	1,010
..... number, 2012	117	928	1,073	734	224	1,159
Land in farms acres, 2017	23,450	211,752	160,412	138,569	27,137	157,466
..... acres, 2012	22,939	188,465	183,111	143,540	25,819	157,493
Average size of farm acres, 2017	176	221	171	196	121	156
..... acres, 2012	196	203	171	196	115	136
Estimated market value of land and buildings farms, 2017	133	959	923	707	225	1,010
..... farms, 2012	117	928	1,073	734	224	1,159
..... \$1,000, 2017	46,326	867,907	799,800	977,566	72,010	1,162,101
..... dollars, 2012	45,635	717,270	699,861	667,835	78,596	922,554
Average per farm dollars, 2017	348,316	905,013	866,522	1,382,696	320,046	1,150,595
..... dollars, 2012	390,041	772,920	652,247	909,857	350,877	795,992
Average per acre dollars, 2017	1,976	4,099	4,986	7,055	2,654	7,380
..... dollars, 2012	1,989	3,806	3,822	4,653	3,044	5,858
2017 farms by value group:						
\$1 to \$49,999	12	63	35	62	19	30
\$50,000 to \$99,999	20	75	58	20	14	53
\$100,000 to \$199,999	37	154	182	125	71	144
\$200,000 to \$499,999	44	297	369	248	89	378
\$500,000 to \$999,999	11	192	142	92	27	164
\$1,000,000 to \$1,999,999	4	78	45	48	2	104
\$2,000,000 to \$4,999,999	4	76	52	71	2	84
\$5,000,000 to \$9,999,999	1	15	30	25	1	37
\$10,000,000 or more	-	9	10	16	-	16
Approximate land area acres, 2017	746,252	366,514	449,085	359,806	358,226	542,500
Proportion in farms percent, 2017	3.1	57.8	35.7	38.5	7.6	29.0
2017 size of farm:						
1 to 9 acres farms	7	68	142	142	21	173
..... acres	47	239	794	716	129	834
10 to 49 acres farms	36	286	339	295	67	373
..... acres	1,242	7,845	8,692	6,961	1,640	9,456
50 to 69 acres farms	14	75	90	34	20	90
..... acres	767	4,401	5,368	1,978	1,154	5,255
70 to 99 acres farms	26	113	77	47	26	69
..... acres	2,145	8,995	6,332	3,899	2,082	5,572
100 to 139 acres farms	7	112	74	42	30	77
..... acres	752	12,974	8,673	4,748	3,503	8,870
140 to 179 acres farms	9	65	32	12	18	45
..... acres	1,401	9,974	4,974	1,877	2,868	7,072
180 to 219 acres farms	4	28	22	16	9	35
..... acres	828	5,586	4,342	3,180	1,790	7,090
220 to 259 acres farms	7	29	17	16	10	19
..... acres	1,651	6,884	4,038	3,690	2,343	4,653
260 to 499 acres farms	13	94	49	40	21	55
..... acres	4,671	34,993	17,597	14,328	7,697	18,082
500 to 999 acres farms	7	54	45	27	-	39
..... acres	3,820	37,603	29,933	19,212	-	26,656
1,000 to 1,999 acres farms	2	25	26	24	3	26
..... acres	(D)	37,648	34,338	30,744	3,931	35,036
2,000 acres or more farms	1	10	10	12	-	9
..... acres	(D)	44,610	35,331	47,236	-	28,890
2012 size of farm:						
1 to 9 acres farms	-	72	108	88	23	181
..... acres	-	296	562	474	118	821
10 to 49 acres farms	36	249	415	324	80	444
..... acres	1,145	7,249	10,708	7,648	2,050	11,023
50 to 69 acres farms	7	92	108	62	21	94
..... acres	406	5,371	6,305	3,689	1,256	5,526
70 to 99 acres farms	20	141	117	58	32	95
..... acres	1,683	11,263	9,574	4,714	2,655	7,840
100 to 139 acres farms	11	98	72	45	18	92
..... acres	1,262	11,407	8,456	5,277	2,050	10,824
140 to 179 acres farms	7	56	37	30	12	64
..... acres	1,070	8,767	5,774	4,611	1,943	10,015
180 to 219 acres farms	7	32	35	12	9	33
..... acres	1,407	6,350	6,997	2,381	1,861	6,614
220 to 259 acres farms	8	29	34	16	10	32
..... acres	1,934	6,821	7,953	3,850	2,312	7,742
260 to 499 acres farms	13	76	64	34	11	71
..... acres	4,920	26,186	21,793	12,798	3,731	23,609
500 to 999 acres farms	5	52	45	31	4	26
..... acres	2,805	34,637	31,939	21,623	2,468	17,700
1,000 to 1,999 acres farms	2	24	27	21	4	17
..... acres	(D)	34,180	35,704	26,976	5,375	22,661
2,000 acres or more farms	1	7	11	13	-	10
..... acres	(D)	35,938	37,346	49,499	-	33,118
LAND IN FARMS ACCORDING TO USE						
Total cropland farms, 2017	114	826	753	553	175	821
..... farms, 2012	103	802	867	598	155	888
..... acres, 2017	10,638	174,203	125,804	111,842	16,318	124,769
..... acres, 2012	9,454	148,858	136,040	112,853	12,859	120,547
Harvested cropland farms, 2017	107	734	668	513	133	740
..... farms, 2012	94	653	724	533	122	801
..... acres, 2017	8,251	158,504	114,362	106,116	9,343	114,998
..... acres, 2012	7,488	135,682	125,392	108,770	8,695	113,271

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
FARMS AND LAND IN FARMS						
Farms number, 2017	9	168	1,013	470	1,361	724
..... 2012	6	200	1,133	494	1,618	734
Land in farms acres, 2017	240	21,630	165,464	50,053	385,784	89,370
..... 2012	318	26,025	175,598	59,481	344,347	86,141
Average size of farm acres, 2017	27	129	163	106	283	123
..... 2012	53	130	155	120	213	117
Estimated market value of land and buildings farms, 2017	9	168	1,013	470	1,361	724
..... 2012	6	200	1,133	494	1,618	734
..... \$1,000, 2017	810	53,252	762,327	366,441	2,016,182	509,503
..... 2012	800	67,615	802,783	400,358	1,397,499	417,730
Average per farm dollars, 2017	90,000	316,975	752,544	779,662	1,481,398	703,733
..... 2012	133,333	338,073	708,546	810,442	863,720	569,114
Average per acre dollars, 2017	3,375	2,462	4,607	7,321	5,226	5,701
..... 2012	2,516	2,598	4,572	6,731	4,058	4,849
2017 farms by value group:						
\$1 to \$49,999	6	12	51	31	48	20
\$50,000 to \$99,999	-	22	58	18	116	23
\$100,000 to \$199,999	-	50	167	35	244	116
\$200,000 to \$499,999	3	58	394	176	424	304
\$500,000 to \$999,999	-	16	172	126	187	165
\$1,000,000 to \$1,999,999	-	8	83	44	107	44
\$2,000,000 to \$4,999,999	-	2	64	34	124	38
\$5,000,000 to \$9,999,999	-	-	16	4	76	12
\$10,000,000 or more	-	-	8	2	35	2
Approximate land area acres, 2017	345,672	363,251	412,283	222,199	479,715	361,686
Proportion in farms percent, 2017	0.1	6.0	40.1	22.5	80.4	24.7
2017 size of farm:						
1 to 9 acres farms	-	7	102	73	145	146
..... acres	-	21	454	(D)	690	714
10 to 49 acres farms	9	56	425	165	436	301
..... acres	240	1,791	9,828	4,102	11,258	6,401
50 to 69 acres farms	-	7	90	34	121	45
..... acres	-	(D)	5,143	1,999	7,128	2,580
70 to 99 acres farms	-	25	99	61	144	59
..... acres	-	2,074	8,306	4,863	11,788	4,726
100 to 139 acres farms	-	27	64	38	103	42
..... acres	-	3,084	7,470	4,345	12,178	4,877
140 to 179 acres farms	-	21	31	28	49	22
..... acres	-	3,272	4,740	4,363	7,745	3,536
180 to 219 acres farms	-	4	27	18	32	15
..... acres	-	789	5,317	3,596	6,377	3,000
220 to 259 acres farms	-	6	20	13	21	12
..... acres	-	1,412	4,738	3,113	5,126	2,764
260 to 499 acres farms	-	8	74	28	92	41
..... acres	-	3,020	25,689	9,423	33,777	14,719
500 to 999 acres farms	-	5	47	8	114	22
..... acres	-	3,569	32,597	5,801	79,536	15,995
1,000 to 1,999 acres farms	-	2	22	3	67	16
..... acres	-	(D)	31,078	4,080	89,839	20,638
2,000 acres or more farms	-	-	12	1	37	3
..... acres	-	-	30,104	(D)	120,342	9,420
2012 size of farm:						
1 to 9 acres farms	-	12	89	34	118	76
..... acres	-	86	497	128	574	403
10 to 49 acres farms	4	64	509	155	622	352
..... acres	(D)	1,907	12,040	4,017	16,522	7,917
50 to 69 acres farms	-	21	97	49	136	64
..... acres	-	1,160	5,616	(D)	8,004	3,761
70 to 99 acres farms	2	31	105	68	190	57
..... acres	(D)	2,423	8,554	5,480	15,324	4,621
100 to 139 acres farms	-	23	67	71	141	50
..... acres	-	2,669	7,747	8,184	16,549	5,679
140 to 179 acres farms	-	16	44	29	64	24
..... acres	-	2,493	6,823	4,656	10,006	3,663
180 to 219 acres farms	-	4	39	27	46	25
..... acres	-	769	7,708	5,354	9,086	5,014
220 to 259 acres farms	-	3	19	26	31	14
..... acres	-	(D)	4,582	6,286	7,323	3,393
260 to 499 acres farms	-	16	82	22	81	38
..... acres	-	5,415	27,833	8,027	28,424	13,069
500 to 999 acres farms	-	8	40	8	105	19
..... acres	-	5,991	27,324	6,105	75,116	12,970
1,000 to 1,999 acres farms	-	2	33	4	57	11
..... acres	-	(D)	44,676	5,288	77,327	13,872
2,000 acres or more farms	-	-	9	1	27	4
..... acres	-	-	22,198	(D)	80,092	11,779
LAND IN FARMS ACCORDING TO USE						
Total cropland farms, 2017	9	143	805	405	1,217	544
..... 2012	-	159	925	465	1,424	531
..... acres, 2017	84	11,844	128,679	29,946	345,221	67,218
..... 2012	-	11,460	137,097	33,270	299,349	60,990
Harvested cropland farms, 2017	6	121	730	374	955	479
..... 2012	-	139	818	428	965	477
..... acres, 2017	30	8,701	120,062	23,968	322,729	59,573
..... 2012	-	9,947	126,307	26,427	266,099	58,135

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
FARMS AND LAND IN FARMS						
Farms number, 2017	71	101	404	274	179	472
..... 2012	43	103	502	324	168	440
Land in farms acres, 2017	9,895	25,046	73,660	41,371	30,250	85,429
..... 2012	11,599	22,420	67,960	44,298	30,693	79,048
Average size of farm acres, 2017	139	248	182	151	169	181
..... 2012	270	218	135	137	183	180
Estimated market value of land and buildings farms, 2017	71	101	404	274	179	472
..... 2012	43	103	502	324	168	440
..... \$1,000, 2017	24,942	50,029	375,278	119,319	66,724	265,801
..... 2012	26,622	46,593	375,332	127,362	62,541	225,697
Average per farm dollars, 2017	351,299	495,340	928,906	435,471	372,759	563,138
..... 2012	619,125	452,362	747,673	393,091	372,267	512,948
Average per acre dollars, 2017	2,521	1,997	5,095	2,884	2,206	3,111
..... 2012	2,295	2,078	5,523	2,875	2,038	2,855
2017 farms by value group:						
\$1 to \$49,999	23	3	42	5	25	31
\$50,000 to \$99,999	1	31	14	31	18	42
\$100,000 to \$199,999	25	24	36	70	35	100
\$200,000 to \$499,999	5	22	143	117	63	163
\$500,000 to \$999,999	10	9	66	37	25	76
\$1,000,000 to \$1,999,999	6	6	48	9	8	34
\$2,000,000 to \$4,999,999	-	5	47	4	5	20
\$5,000,000 to \$9,999,999	1	1	5	-	-	4
\$10,000,000 or more	-	-	3	1	-	2
Approximate land area acres, 2017	575,409	653,990	306,687	347,088	1,157,784	316,765
Proportion in farms percent, 2017	1.7	3.8	24.0	11.9	2.6	27.0
2017 size of farm:						
1 to 9 acres farms	18	5	54	8	27	44
..... acres	62	10	(D)	24	(D)	192
10 to 49 acres farms	22	33	171	95	62	152
..... acres	600	1,054	3,674	2,629	1,923	4,260
50 to 69 acres farms	10	9	17	29	11	44
..... acres	518	475	1,017	1,644	616	2,753
70 to 99 acres farms	3	11	24	37	10	51
..... acres	263	915	2,080	2,980	831	4,150
100 to 139 acres farms	2	8	22	32	16	38
..... acres	(D)	897	2,548	3,751	1,869	4,481
140 to 179 acres farms	-	3	8	18	10	25
..... acres	-	470	1,221	2,839	1,571	4,050
180 to 219 acres farms	-	4	18	12	10	14
..... acres	-	780	3,552	2,343	2,018	2,700
220 to 259 acres farms	-	2	10	5	1	17
..... acres	-	(D)	2,498	1,187	(D)	4,071
260 to 499 acres farms	9	11	35	27	16	44
..... acres	3,365	3,436	12,232	9,582	6,361	15,773
500 to 999 acres farms	6	7	26	8	10	30
..... acres	3,653	4,171	18,990	4,894	7,207	20,624
1,000 to 1,999 acres farms	1	6	17	2	6	10
..... acres	(D)	6,796	20,817	(D)	7,501	14,370
2,000 acres or more farms	-	2	2	1	-	3
..... acres	-	(D)	(D)	(D)	-	8,005
2012 size of farm:						
1 to 9 acres farms	6	5	60	15	5	16
..... acres	13	16	283	85	16	55
10 to 49 acres farms	13	26	238	99	64	136
..... acres	465	865	5,401	2,829	1,824	4,266
50 to 69 acres farms	2	7	25	24	7	41
..... acres	(D)	432	1,445	(D)	377	2,386
70 to 99 acres farms	5	21	41	65	14	62
..... acres	400	1,712	3,424	5,248	1,089	4,911
100 to 139 acres farms	2	5	28	26	17	40
..... acres	(D)	565	3,182	3,041	2,065	4,748
140 to 179 acres farms	2	10	14	36	16	32
..... acres	(D)	1,515	2,341	5,663	2,487	4,992
180 to 219 acres farms	-	8	7	18	16	25
..... acres	-	1,580	1,434	3,553	3,131	4,926
220 to 259 acres farms	2	1	12	10	5	18
..... acres	(D)	(D)	2,840	2,406	(D)	4,299
260 to 499 acres farms	4	8	45	23	14	34
..... acres	1,571	2,914	15,922	6,991	5,232	11,336
500 to 999 acres farms	4	8	19	4	6	19
..... acres	2,382	5,133	13,246	2,642	4,470	11,501
1,000 to 1,999 acres farms	2	2	10	3	3	13
..... acres	(D)	(D)	11,852	3,891	4,301	15,404
2,000 acres or more farms	1	2	3	1	1	4
..... acres	(D)	(D)	6,590	(D)	(D)	10,224
LAND IN FARMS ACCORDING TO USE						
Total cropland farms, 2017	47	84	353	243	136	414
..... 2012	29	83	422	282	106	396
..... acres, 2017	4,037	13,204	66,628	19,323	11,318	62,996
..... 2012	4,259	11,467	58,407	20,081	9,186	56,689
Harvested cropland farms, 2017	38	82	325	211	118	356
..... 2012	28	75	394	234	95	328
..... acres, 2017	(D)	10,347	61,906	13,199	9,427	51,987
..... 2012	4,132	9,477	55,231	13,642	7,874	48,851

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
FARMS AND LAND IN FARMS						
Farms number, 2017	694	353	530	406	1,085	962
..... 2012	779	398	555	433	1,144	1,127
Land in farms acres, 2017	115,118	79,621	87,688	113,624	209,838	230,362
..... 2012	123,005	91,900	89,543	99,510	214,506	237,252
Average size of farm acres, 2017	166	226	165	280	193	239
..... 2012	158	231	161	230	188	211
Estimated market value of land and buildings farms, 2017	694	353	530	406	1,085	962
..... 2012	779	398	555	433	1,144	1,127
..... \$1,000, 2017	403,512	169,223	485,962	415,679	1,291,710	919,457
..... 2012	367,384	184,354	322,365	301,054	976,619	791,395
Average per farm dollars, 2017	581,429	479,385	916,909	1,023,840	1,190,516	955,776
..... 2012	471,610	463,201	580,837	695,276	853,688	702,214
Average per acre dollars, 2017	3,505	2,125	5,542	3,658	6,156	3,991
..... 2012	2,987	2,006	3,600	3,025	4,553	3,336
2017 farms by value group:						
\$1 to \$49,999 farms	30	30	50	35	38	72
..... acres	70	51	41	47	63	83
\$50,000 to \$99,999 farms	130	58	106	82	183	248
..... acres	314	129	163	124	380	290
\$200,000 to \$499,999 farms	88	39	88	28	170	107
..... acres						
\$1,000,000 to \$1,999,999 farms	40	38	26	43	90	83
..... acres	15	5	35	32	100	40
\$2,000,000 to \$4,999,999 farms	4	2	15	8	42	28
..... acres	3	1	6	7	19	11
\$5,000,000 to \$9,999,999 farms						
..... acres						
\$10,000,000 or more farms						
..... acres						
Approximate land area acres, 2017	355,275	668,191	330,404	361,468	351,699	451,376
Proportion in farms percent, 2017	32.4	11.9	26.5	31.4	59.7	51.0
2017 size of farm:						
1 to 9 acres farms	25	18	57	29	177	70
..... acres	88	49	292	87	851	302
10 to 49 acres farms	195	87	215	116	449	365
..... acres	5,799	2,560	5,528	2,948	10,290	9,876
50 to 69 acres farms	65	25	42	34	47	57
..... acres	3,866	1,421	2,525	2,091	2,814	3,321
70 to 99 acres farms	142	45	68	48	61	119
..... acres	11,343	3,722	5,475	3,864	5,084	9,439
100 to 139 acres farms	96	23	33	31	55	89
..... acres	11,115	2,693	3,959	3,621	6,513	10,316
140 to 179 acres farms	26	33	28	21	49	49
..... acres	4,062	5,244	4,430	3,295	7,688	7,664
180 to 219 acres farms	30	25	19	23	27	21
..... acres	5,841	5,009	3,837	4,546	5,419	4,136
220 to 259 acres farms	19	17	8	15	21	23
..... acres	4,564	4,153	1,878	3,570	5,051	5,312
260 to 499 acres farms	64	44	19	25	83	75
..... acres	22,654	15,066	6,609	8,393	30,369	25,964
500 to 999 acres farms	17	24	19	36	71	50
..... acres	12,068	17,817	13,870	26,967	50,876	34,666
1,000 to 1,999 acres farms	10	8	16	20	33	26
..... acres	14,019	9,077	22,689	25,589	45,964	37,143
2,000 acres or more farms	5	4	6	8	12	18
..... acres	19,699	12,810	16,596	28,653	38,919	82,223
2012 size of farm:						
1 to 9 acres farms	28	18	54	37	148	50
..... acres	124	49	291	181	750	232
10 to 49 acres farms	220	84	212	130	458	416
..... acres	6,508	2,610	5,602	3,144	10,667	12,145
50 to 69 acres farms	75	27	57	40	89	104
..... acres	4,414	1,539	3,368	2,354	5,207	6,024
70 to 99 acres farms	150	56	77	51	83	130
..... acres	12,336	4,403	6,359	4,156	6,824	10,393
100 to 139 acres farms	98	37	31	31	66	117
..... acres	11,384	4,337	3,586	3,561	7,759	13,586
140 to 179 acres farms	40	31	30	22	47	69
..... acres	6,247	4,886	4,779	3,546	7,564	10,753
180 to 219 acres farms	39	32	17	14	35	45
..... acres	7,680	6,318	3,373	2,678	6,934	8,806
220 to 259 acres farms	14	25	18	12	25	21
..... acres	3,349	6,019	4,367	2,862	5,987	4,965
260 to 499 acres farms	69	49	20	50	68	69
..... acres	22,987	17,567	7,553	16,914	23,411	23,308
500 to 999 acres farms	32	23	21	24	75	64
..... acres	19,712	16,602	15,365	17,368	49,813	42,987
1,000 to 1,999 acres farms	10	12	10	17	41	24
..... acres	13,023	15,720	13,403	24,413	58,788	34,345
2,000 acres or more farms	4	4	8	5	9	18
..... acres	15,241	11,850	21,497	18,333	30,802	69,708
LAND IN FARMS ACCORDING TO USE						
Total cropland farms, 2017	615	295	436	326	939	815
..... 2012	661	343	456	375	1,006	1,000
..... acres, 2017	81,522	47,190	69,899	88,669	194,088	191,937
..... 2012	79,735	50,289	69,506	71,687	196,178	181,062
Harvested cropland farms, 2017	536	264	360	289	822	693
..... 2012	564	305	366	343	907	815
..... acres, 2017	67,217	38,250	61,885	79,495	188,153	176,344
..... 2012	71,606	45,548	63,758	67,287	189,032	166,218

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
FARMS AND LAND IN FARMS						
Farms number, 2017	178	476	850	514	545	294
..... number, 2012	151	514	923	537	609	280
Land in farms acres, 2017	26,099	63,182	136,232	28,856	127,077	70,099
..... acres, 2012	24,337	74,246	125,663	31,722	127,779	68,162
Average size of farm acres, 2017	147	133	160	52	233	238
..... acres, 2012	161	144	136	59	210	243
Estimated market value of land and buildings farms, 2017	178	476	850	514	545	294
..... farms, 2012	151	514	923	537	609	280
..... dollars, \$1,000, 2017	56,021	405,971	529,820	335,379	528,514	196,077
..... dollars, 2012	55,304	380,915	446,979	271,914	411,557	180,607
Average per farm dollars, 2017	314,723	852,881	623,318	652,488	969,750	666,927
..... dollars, 2012	366,250	741,080	484,268	506,358	675,791	645,025
Average per acre dollars, 2017	2,146	6,425	3,889	11,623	4,159	2,797
..... dollars, 2012	2,272	5,130	3,557	8,572	3,221	2,650
2017 farms by value group:						
\$1 to \$49,999	13	25	58	24	52	25
\$50,000 to \$99,999	28	67	75	23	43	31
\$100,000 to \$199,999	60	115	189	42	110	43
\$200,000 to \$499,999	49	160	329	234	153	103
\$500,000 to \$999,999	18	59	108	120	95	41
\$1,000,000 to \$1,999,999	9	21	50	43	34	33
\$2,000,000 to \$4,999,999	1	11	26	20	33	15
\$5,000,000 to \$9,999,999	-	7	10	8	19	2
\$10,000,000 or more	-	11	5	-	6	1
Approximate land area acres, 2017	349,857	320,865	522,036	555,213	334,958	360,632
Proportion in farms percent, 2017	7.5	19.7	26.1	5.2	37.9	19.4
2017 size of farm:						
1 to 9 acres farms	4	69	66	100	36	29
..... acres	24	299	261	401	162	76
10 to 49 acres farms	58	222	327	254	164	72
..... acres	1,800	5,826	8,331	5,366	4,873	1,946
50 to 69 acres farms	20	35	89	46	43	22
..... acres	1,132	1,996	5,359	2,612	2,506	1,275
70 to 99 acres farms	31	36	107	52	66	34
..... acres	2,535	2,892	8,625	4,126	5,352	2,770
100 to 139 acres farms	18	25	69	23	52	24
..... acres	2,081	2,846	8,124	2,522	5,978	2,773
140 to 179 acres farms	11	20	39	16	35	15
..... acres	1,747	3,050	6,124	2,500	5,558	2,379
180 to 219 acres farms	5	13	29	5	18	12
..... acres	1,014	2,546	5,720	948	3,481	2,338
220 to 259 acres farms	10	13	23	4	12	10
..... acres	2,412	2,998	5,434	1,020	2,759	2,340
260 to 499 acres farms	11	20	43	7	55	43
..... acres	3,919	6,926	15,680	2,687	18,484	15,386
500 to 999 acres farms	7	12	29	4	37	19
..... acres	4,435	9,094	19,703	2,669	26,225	13,418
1,000 to 1,999 acres farms	2	6	24	3	20	11
..... acres	(D)	6,791	33,060	4,005	27,472	12,780
2,000 acres or more farms	1	5	5	-	7	3
..... acres	(D)	17,918	19,811	-	24,227	12,618
2012 size of farm:						
1 to 9 acres farms	4	49	60	98	29	9
..... acres	12	201	285	450	132	38
10 to 49 acres farms	43	242	363	283	202	60
..... acres	1,375	6,235	9,857	5,966	5,581	1,735
50 to 69 acres farms	14	37	85	42	62	32
..... acres	789	2,106	4,954	2,365	3,526	(D)
70 to 99 acres farms	21	49	107	51	78	44
..... acres	1,718	3,908	8,655	4,107	6,270	3,559
100 to 139 acres farms	19	37	85	18	48	25
..... acres	2,204	4,282	9,850	2,008	5,614	2,811
140 to 179 acres farms	17	20	70	13	27	27
..... acres	2,722	3,213	11,083	2,034	4,351	4,196
180 to 219 acres farms	4	16	43	7	36	21
..... acres	(D)	3,063	8,562	1,420	7,006	4,117
220 to 259 acres farms	4	8	21	3	24	8
..... acres	925	1,866	4,893	754	5,642	1,881
260 to 499 acres farms	12	31	42	11	46	22
..... acres	4,036	10,314	15,287	3,570	15,902	7,419
500 to 999 acres farms	11	17	27	7	33	18
..... acres	6,907	12,002	19,340	4,436	24,153	12,470
1,000 to 1,999 acres farms	2	4	16	4	14	12
..... acres	(D)	5,420	22,322	4,612	18,479	14,474
2,000 acres or more farms	-	4	4	-	10	2
..... acres	-	21,636	10,575	-	31,123	(D)
LAND IN FARMS ACCORDING TO USE						
Total cropland farms, 2017	145	385	704	366	492	249
..... farms, 2012	127	391	757	337	536	247
..... acres, 2017	16,313	45,758	96,749	17,417	93,641	47,739
..... acres, 2012	14,581	48,974	83,384	18,759	89,357	40,218
Harvested cropland farms, 2017	118	329	620	318	425	229
..... farms, 2012	114	339	670	291	475	214
..... acres, 2017	13,634	39,560	86,982	14,321	78,595	43,589
..... acres, 2012	13,194	45,591	76,076	16,542	77,364	36,702

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
FARMS AND LAND IN FARMS						
Farms number, 2017	114	625	144	193	1,130	322
..... number, 2012	109	750	145	180	1,363	323
Land in farms acres, 2017	27,106	103,633	16,177	33,273	171,883	64,490
..... acres, 2012	29,063	110,562	16,748	32,293	186,154	81,536
Average size of farm acres, 2017	238	166	112	172	152	200
..... acres, 2012	267	147	116	179	137	252
Estimated market value of land and buildings farms, 2017	114	625	144	193	1,130	322
..... farms, 2012	109	750	145	180	1,363	323
..... \$1,000, 2017	43,286	311,226	44,336	92,511	1,421,604	151,230
..... \$1,000, 2012	49,237	280,357	44,029	81,562	1,202,161	174,888
Average per farm dollars, 2017	379,699	497,961	307,892	479,329	1,258,057	469,658
..... dollars, 2012	451,715	373,809	303,650	453,123	881,996	541,449
Average per acre dollars, 2017	1,597	3,003	2,741	2,780	8,271	2,345
..... dollars, 2012	1,694	2,536	2,629	2,526	6,458	2,145
2017 farms by value group:						
\$1 to \$49,999	1	38	19	20	53	16
\$50,000 to \$99,999	8	49	13	8	34	27
\$100,000 to \$199,999	35	200	40	31	130	72
\$200,000 to \$499,999	46	207	50	88	401	146
\$500,000 to \$999,999	20	76	17	30	216	33
\$1,000,000 to \$1,999,999	3	31	3	12	138	12
\$2,000,000 to \$4,999,999	1	18	2	3	91	13
\$5,000,000 to \$9,999,999	-	4	-	1	49	3
\$10,000,000 or more	-	2	-	-	18	-
Approximate land area acres, 2017	839,026	362,463	362,031	329,617	360,682	421,579
Proportion in farms percent, 2017	3.2	28.6	4.5	10.1	47.7	15.3
2017 size of farm:						
1 to 9 acres farms	1	27	20	13	191	11
..... acres	(D)	117	(D)	36	1,037	45
10 to 49 acres farms	12	207	59	71	451	71
..... acres	428	6,333	1,522	1,735	10,971	2,150
50 to 69 acres farms	9	38	7	17	105	25
..... acres	(D)	2,375	389	963	5,925	(D)
70 to 99 acres farms	20	104	14	20	85	50
..... acres	1,588	8,204	1,144	1,610	6,781	4,078
100 to 139 acres farms	11	58	10	16	83	41
..... acres	1,282	6,752	1,192	1,852	9,736	4,643
140 to 179 acres farms	9	45	4	4	24	28
..... acres	1,396	7,143	629	621	3,690	4,356
180 to 219 acres farms	7	26	7	11	45	22
..... acres	1,352	5,229	1,395	2,176	8,884	4,413
220 to 259 acres farms	13	19	5	3	25	12
..... acres	3,177	4,432	1,124	740	6,067	2,781
260 to 499 acres farms	18	69	8	18	50	29
..... acres	6,885	24,996	2,620	6,529	17,813	8,830
500 to 999 acres farms	12	18	9	15	37	22
..... acres	8,195	12,047	4,710	9,303	25,340	14,132
1,000 to 1,999 acres farms	2	8	1	5	25	10
..... acres	(D)	11,244	(D)	7,708	35,918	14,934
2,000 acres or more farms	-	6	-	-	9	1
..... acres	-	14,761	-	-	39,721	(D)
2012 size of farm:						
1 to 9 acres farms	-	30	13	5	203	12
..... acres	-	131	63	25	965	40
10 to 49 acres farms	14	225	50	62	549	62
..... acres	414	6,436	1,419	1,605	13,738	1,680
50 to 69 acres farms	7	78	10	11	143	28
..... acres	(D)	(D)	554	(D)	8,481	1,603
70 to 99 acres farms	5	130	18	18	112	36
..... acres	393	10,346	1,432	1,459	9,010	2,954
100 to 139 acres farms	11	63	18	23	93	45
..... acres	1,301	7,273	2,204	2,588	10,929	5,162
140 to 179 acres farms	12	68	7	10	44	32
..... acres	1,852	10,617	1,162	1,607	6,769	5,030
180 to 219 acres farms	9	34	7	10	39	21
..... acres	1,685	6,697	1,413	2,000	7,622	4,121
220 to 259 acres farms	6	23	2	3	31	8
..... acres	1,459	5,402	(D)	710	7,241	1,874
260 to 499 acres farms	29	62	17	21	73	47
..... acres	9,858	22,287	5,469	7,153	25,342	16,608
500 to 999 acres farms	14	22	2	13	46	19
..... acres	8,989	15,416	(D)	8,086	31,047	11,629
1,000 to 1,999 acres farms	2	13	1	3	22	9
..... acres	(D)	16,937	(D)	4,133	30,222	14,283
2,000 acres or more farms	-	2	-	1	8	4
..... acres	-	(D)	-	(D)	34,788	16,552
LAND IN FARMS ACCORDING TO USE						
Total cropland farms, 2017	110	547	88	155	949	297
..... farms, 2012	101	664	90	135	1,194	293
..... acres, 2017	12,519	67,390	6,516	17,534	145,207	41,011
..... acres, 2012	13,900	64,658	7,870	14,295	138,148	45,428
Harvested cropland farms, 2017	94	463	70	133	911	214
..... farms, 2012	85	554	77	121	1,118	257
..... acres, 2017	9,279	53,698	5,133	12,562	138,227	32,240
..... acres, 2012	11,756	53,638	6,069	11,880	130,170	38,450

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
FARMS AND LAND IN FARMS						
Farms number, 2017	48	1,250	1,077	896	1,315	62
..... number, 2012	58	1,318	1,049	967	1,467	65
Land in farms acres, 2017	5,757	327,025	182,185	244,952	436,511	15,034
..... acres, 2012	7,433	309,710	179,967	221,745	456,877	19,423
Average size of farm acres, 2017	120	262	169	273	332	242
..... acres, 2012	128	235	172	229	311	299
Estimated market value of land and buildings farms, 2017	48	1,250	1,077	896	1,315	62
..... farms, 2012	58	1,318	1,049	967	1,467	65
..... dollars, \$1,000, 2017	14,110	1,898,351	957,110	1,400,441	2,152,109	27,367
..... dollars, 2012	19,518	1,181,793	672,342	1,054,077	2,003,856	31,536
Average per farm dollars, 2017	293,961	1,518,681	888,682	1,562,992	1,636,584	441,401
..... dollars, 2012	336,520	896,656	640,936	1,090,048	1,365,955	485,170
Average per acre dollars, 2017	2,451	5,805	5,254	5,717	4,930	1,820
..... dollars, 2012	2,626	3,816	3,736	4,754	4,386	1,624
2017 farms by value group:						
\$1 to \$49,999	2	124	49	27	60	3
\$50,000 to \$99,999	7	105	67	30	75	-
\$100,000 to \$199,999	19	211	194	190	180	15
\$200,000 to \$499,999	13	340	395	291	339	31
\$500,000 to \$999,999	2	153	168	144	176	7
\$1,000,000 to \$1,999,999	5	95	103	82	155	6
\$2,000,000 to \$4,999,999	-	122	68	57	227	-
\$5,000,000 to \$9,999,999	-	59	27	39	73	-
\$10,000,000 or more	-	41	6	36	30	-
Approximate land area acres, 2017	332,561	512,294	461,560	320,380	616,045	749,643
Proportion in farms percent, 2017	1.7	63.8	39.5	76.5	70.9	2.0
2017 size of farm:						
1 to 9 acres farms	1	129	120	97	73	4
..... acres	(D)	659	681	527	321	17
10 to 49 acres farms	20	423	446	311	370	19
..... acres	393	10,956	10,696	7,332	10,183	672
50 to 69 acres farms	2	76	103	67	77	2
..... acres	(D)	4,322	6,039	3,859	4,437	(D)
70 to 99 acres farms	9	98	70	81	114	5
..... acres	721	8,041	5,684	6,609	9,357	397
100 to 139 acres farms	9	94	49	68	91	6
..... acres	1,038	10,882	5,711	7,855	10,836	730
140 to 179 acres farms	1	88	44	38	68	6
..... acres	(D)	14,000	6,871	6,120	10,795	998
180 to 219 acres farms	-	41	34	18	59	3
..... acres	-	8,044	6,744	3,665	11,809	576
220 to 259 acres farms	-	41	29	25	50	2
..... acres	-	9,696	6,975	6,051	12,064	(D)
260 to 499 acres farms	5	102	78	79	167	3
..... acres	2,030	36,898	27,090	28,574	60,965	930
500 to 999 acres farms	-	86	72	38	139	8
..... acres	-	61,289	49,140	24,328	99,872	5,322
1,000 to 1,999 acres farms	1	48	29	41	73	4
..... acres	(D)	63,680	38,504	55,445	100,825	4,776
2,000 acres or more farms	-	24	3	33	34	-
..... acres	-	98,558	18,050	94,587	105,047	-
2012 size of farm:						
1 to 9 acres farms	1	71	78	108	50	3
..... acres	(D)	370	428	552	225	21
10 to 49 acres farms	25	470	406	326	389	15
..... acres	814	12,551	10,536	8,756	11,408	433
50 to 69 acres farms	6	107	94	92	126	5
..... acres	310	6,268	(D)	5,492	7,587	284
70 to 99 acres farms	9	155	107	91	164	17
..... acres	731	12,725	8,687	7,596	13,406	1,364
100 to 139 acres farms	5	80	73	75	112	3
..... acres	604	9,545	8,639	8,791	13,077	359
140 to 179 acres farms	4	67	51	52	81	3
..... acres	648	10,567	7,905	8,175	12,813	487
180 to 219 acres farms	2	57	31	18	69	6
..... acres	(D)	11,287	(D)	3,630	13,496	1,177
220 to 259 acres farms	3	35	29	22	57	6
..... acres	720	8,361	(D)	5,174	13,640	1,469
260 to 499 acres farms	1	117	97	78	165	3
..... acres	(D)	41,951	32,815	28,243	59,024	1,073
500 to 999 acres farms	1	103	50	48	145	1
..... acres	(D)	74,910	34,630	32,936	101,808	(D)
1,000 to 1,999 acres farms	-	32	31	32	75	2
..... acres	-	44,636	39,679	43,668	101,360	(D)
2,000 acres or more farms	1	24	2	25	34	1
..... acres	(D)	76,539	(D)	68,732	109,033	(D)
LAND IN FARMS ACCORDING TO USE						
Total cropland farms, 2017	28	1,139	949	751	1,194	47
..... farms, 2012	44	1,215	903	794	1,346	55
..... acres, 2017	2,949	300,464	160,322	212,343	400,979	5,892
..... acres, 2012	2,703	274,451	151,643	188,221	405,497	5,348
Harvested cropland farms, 2017	24	950	861	678	1,070	39
..... farms, 2012	35	949	824	681	1,125	48
..... acres, 2017	2,501	281,625	148,193	197,620	379,179	3,793
..... acres, 2012	1,739	259,727	142,625	179,483	384,095	3,917

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
FARMS AND LAND IN FARMS						
Farms number, 2017	972	1,241	953	1,245	248	304
..... number, 2012	1,033	1,322	1,113	1,236	287	357
Land in farms acres, 2017	210,473	329,785	151,784	178,995	10,037	40,208
..... acres, 2012	223,370	325,372	175,121	170,154	15,767	40,333
Average size of farm acres, 2017	217	266	159	144	40	132
..... acres, 2012	216	246	157	138	55	113
Estimated market value of land and buildings farms, 2017	972	1,241	953	1,245	248	304
..... farms, 2012	1,033	1,322	1,113	1,236	287	357
..... \$1,000, 2017	949,508	1,720,370	878,620	1,400,210	116,034	135,428
..... \$1,000, 2012	799,009	1,477,734	778,360	866,879	117,337	114,817
Average per farm dollars, 2017	976,860	1,386,278	921,952	1,124,667	467,878	445,486
..... dollars, 2012	773,484	1,117,802	699,335	701,358	408,839	321,616
Average per acre dollars, 2017	4,511	5,217	5,789	7,823	11,561	3,368
..... dollars, 2012	3,577	4,542	4,445	5,095	7,442	2,847
2017 farms by value group:						
\$1 to \$49,999	60	74	57	49	61	14
\$50,000 to \$99,999	73	113	93	38	18	44
\$100,000 to \$199,999	174	221	221	121	37	66
\$200,000 to \$499,999	337	322	345	489	65	132
\$500,000 to \$999,999	164	216	112	263	39	30
\$1,000,000 to \$1,999,999	70	110	59	126	13	10
\$2,000,000 to \$4,999,999	48	89	37	98	15	6
\$5,000,000 to \$9,999,999	34	72	13	44	-	1
\$10,000,000 or more	12	28	16	17	-	1
Approximate land area acres, 2017	339,693	514,157	388,985	451,812	391,677	361,573
Proportion in farms percent, 2017	62.0	64.1	39.0	39.6	2.6	11.1
2017 size of farm:						
1 to 9 acres farms	117	116	109	130	120	15
..... acres	592	457	519	643	(D)	89
10 to 49 acres farms	380	410	388	613	78	116
..... acres	9,670	11,038	10,222	14,394	1,642	3,137
50 to 69 acres farms	57	68	123	72	9	30
..... acres	3,362	3,907	7,217	4,246	514	1,774
70 to 99 acres farms	86	141	100	87	20	44
..... acres	7,026	11,482	8,322	7,267	1,665	3,488
100 to 139 acres farms	72	88	61	63	10	27
..... acres	8,450	10,178	6,862	7,312	1,071	3,135
140 to 179 acres farms	36	55	43	52	1	21
..... acres	5,622	8,766	6,644	8,030	(D)	3,308
180 to 219 acres farms	27	41	19	15	-	20
..... acres	5,283	8,054	3,681	2,992	-	3,856
220 to 259 acres farms	22	36	17	36	1	8
..... acres	5,258	8,432	4,124	8,672	(D)	(D)
260 to 499 acres farms	69	102	46	84	4	10
..... acres	24,877	36,108	16,411	30,274	1,212	3,253
500 to 999 acres farms	58	103	25	60	5	8
..... acres	40,115	73,223	16,372	43,422	3,229	5,772
1,000 to 1,999 acres farms	30	47	11	26	-	3
..... acres	43,110	65,086	14,357	32,649	-	4,210
2,000 acres or more farms	18	34	11	7	-	2
..... acres	57,108	93,054	57,053	19,094	-	(D)
2012 size of farm:						
1 to 9 acres farms	63	66	104	92	98	21
..... acres	260	312	477	503	401	84
10 to 49 acres farms	372	463	447	592	125	131
..... acres	9,722	12,726	12,051	13,709	2,758	3,694
50 to 69 acres farms	111	108	117	96	9	26
..... acres	6,477	6,256	6,896	5,438	(D)	1,461
70 to 99 acres farms	95	170	133	113	17	71
..... acres	7,671	13,892	10,782	9,172	1,426	5,732
100 to 139 acres farms	89	113	95	77	9	31
..... acres	10,526	13,134	11,220	8,888	1,079	3,563
140 to 179 acres farms	40	48	43	46	7	26
..... acres	6,514	7,605	6,759	7,282	1,206	4,062
180 to 219 acres farms	30	49	51	25	5	19
..... acres	6,153	9,819	9,863	4,860	993	3,733
220 to 259 acres farms	38	29	19	22	-	6
..... acres	8,900	6,628	4,455	5,329	-	(D)
260 to 499 acres farms	85	113	55	88	13	14
..... acres	30,407	38,961	18,681	31,963	4,473	4,831
500 to 999 acres farms	58	79	27	51	3	8
..... acres	40,254	55,569	19,725	33,376	1,815	4,998
1,000 to 1,999 acres farms	40	54	13	28	1	3
..... acres	56,845	73,747	16,693	35,649	(D)	3,845
2,000 acres or more farms	12	30	9	6	-	1
..... acres	39,641	86,723	57,519	13,985	-	(D)
LAND IN FARMS ACCORDING TO USE						
Total cropland farms, 2017	837	1,105	861	1,009	181	276
..... farms, 2012	907	1,172	981	996	216	306
..... acres, 2017	187,115	298,460	118,101	150,403	7,800	26,164
..... acres, 2012	195,229	284,535	125,089	133,455	10,852	23,744
Harvested cropland farms, 2017	732	903	763	865	173	230
..... farms, 2012	791	904	877	880	197	248
..... acres, 2017	175,854	279,531	104,976	139,750	6,771	20,358
..... acres, 2012	187,096	265,922	114,572	126,822	9,862	18,601

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	
LAND IN FARMS ACCORDING TO USE - Con.							
Total cropland - Con.							
Other pasture and grazing land that could have been used for crops without additional improvements	farms, 2017	3,406	27	24	71	26	25
	2012	3,717	22	9	98	43	37
	acres, 2017	97,239	1,083	908	3,591	715	691
	2012	90,469	697	621	1,979	1,413	1,375
Other cropland	farms, 2017	15,111	79	52	288	153	167
	2012	15,069	71	20	311	143	141
	acres, 2017	612,574	2,961	1,230	11,414	5,823	8,827
	2012	520,624	2,209	342	10,377	4,281	5,021
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed	farms, 2017	11,091	56	34	194	110	115
	2012	12,114	43	16	219	97	117
	acres, 2017	441,772	1,472	975	8,112	4,127	6,286
	2012	409,597	1,634	219	6,197	3,078	4,107
Cropland on which all crops failed	farms, 2017	2,757	23	6	62	23	32
	2012	2,939	18	7	108	38	37
	acres, 2017	86,579	484	49	1,740	543	560
	2012	86,570	326	53	3,905	605	729
Cropland in summer fallow (see text)	farms, 2017	3,207	27	19	87	48	71
	2012	1,591	15	4	23	39	17
	acres, 2017	84,223	1,005	206	1,562	1,153	1,981
	2012	24,457	249	70	275	598	185
Total woodland	farms, 2017	24,339	151	99	548	238	214
	2012	27,381	128	73	650	282	261
	acres, 2017	975,652	6,618	6,580	15,966	13,334	11,518
	2012	1,175,893	7,198	5,170	20,973	13,641	17,397
Woodland pastured	farms, 2017	3,772	14	23	108	37	33
	2012	4,641	32	13	125	47	36
	acres, 2017	85,275	511	134	1,603	520	388
	2012	110,067	785	401	2,369	1,200	378
Woodland not pastured	farms, 2017	22,448	140	86	485	218	203
	2012	25,010	118	67	577	266	247
	acres, 2017	890,377	6,107	6,446	14,363	12,814	11,130
	2012	1,065,826	6,413	4,769	18,604	12,441	17,019
Permanent pasture and rangeland, other than cropland and woodland pastured	farms, 2017	17,476	85	59	491	173	113
	2012	19,455	102	54	564	233	155
	acres, 2017	341,391	3,238	1,917	5,974	3,668	3,327
	2012	419,450	4,260	2,241	7,754	5,906	4,688
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.	farms, 2017	32,103	148	96	798	269	228
	2012	38,279	173	67	1,061	351	300
	acres, 2017	522,567	2,489	2,527	10,933	6,180	6,541
	2012	684,150	3,049	1,634	18,212	5,605	8,138
Pastureland, all types	farms, 2017	20,043	93	73	558	206	132
	2012	22,564	115	58	644	263	182
	acres, 2017	523,905	4,832	2,959	11,168	4,903	4,406
	2012	619,986	5,742	3,263	12,102	8,519	6,441
CONSERVATION AND CROP INSURANCE							
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs	farms, 2017	4,478	2	1	39	-	2
	2012	6,545	3	-	75	6	8
	acres, 2017	129,038	(D)	(D)	1,175	-	(D)
	2012	210,675	(D)	-	2,197	130	220
Land enrolled in crop insurance programs	farms, 2017	8,834	18	1	181	22	41
	2012	8,276	26	8	178	33	43
	acres, 2017	4,549,417	5,721	(D)	103,374	10,617	8,981
	2012	4,098,004	7,669	1,796	128,546	12,434	9,772

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
LAND IN FARMS ACCORDING TO USE - Con.						
Total cropland - Con.						
Other pasture and grazing land that could have been used for crops without additional improvements						
.....farms, 2017	15	9	83	28	12	39
.....2012	25	7	106	10	4	40
.....acres, 2017	162	238	1,819	869	272	1,807
.....2012	537	301	2,183	143	66	555
Other cropland						
.....farms, 2017	210	26	260	266	93	293
.....2012	240	15	311	281	73	325
.....acres, 2017	9,336	995	9,501	12,420	1,640	8,903
.....2012	9,959	620	11,827	7,830	2,192	9,496
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed						
.....farms, 2017	188	9	215	221	61	229
.....2012	220	9	259	245	49	250
.....acres, 2017	8,134	138	8,375	11,280	853	7,085
.....2012	8,726	418	10,137	6,707	1,423	6,942
Cropland on which all crops failed						
.....farms, 2017	11	10	26	28	34	60
.....2012	23	7	45	41	27	84
.....acres, 2017	191	699	277	344	374	1,072
.....2012	830	(D)	1,236	658	565	2,220
Cropland in summer fallow (see text)						
.....farms, 2017	38	11	35	37	20	41
.....2012	18	1	30	31	12	25
.....acres, 2017	1,011	158	849	796	413	746
.....2012	403	(D)	454	465	204	334
Total woodland						
.....farms, 2017	205	47	502	229	129	350
.....2012	237	45	627	263	121	457
.....acres, 2017	10,049	5,285	16,423	7,426	5,920	10,689
.....2012	11,963	6,068	21,416	10,489	6,521	15,302
Woodland pastured						
.....farms, 2017	32	17	121	15	11	36
.....2012	40	12	120	32	14	66
.....acres, 2017	900	286	1,635	449	120	491
.....2012	973	985	2,578	1,632	349	891
Woodland not pastured						
.....farms, 2017	189	43	428	224	126	335
.....2012	220	41	564	241	114	426
.....acres, 2017	9,149	4,999	14,788	6,977	5,800	10,198
.....2012	10,990	5,083	18,838	8,857	6,172	14,411
Permanent pasture and rangeland, other than cropland and woodland pastured						
.....farms, 2017	66	37	449	95	60	206
.....2012	86	22	510	136	66	272
.....acres, 2017	1,043	1,094	8,254	1,247	1,139	1,961
.....2012	2,106	1,208	9,651	1,713	1,334	3,446
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.						
.....farms, 2017	222	43	675	364	157	564
.....2012	296	49	832	433	155	777
.....acres, 2017	3,124	1,714	10,773	4,101	2,751	8,404
.....2012	4,588	2,581	14,735	7,008	2,973	11,574
Pastureland, all types						
.....farms, 2017	81	39	506	114	68	250
.....2012	118	26	578	153	71	318
.....acres, 2017	2,105	1,618	11,708	2,565	1,531	4,259
.....2012	3,616	2,494	14,412	3,488	1,749	4,892
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs						
.....farms, 2017	152	-	127	225	3	22
.....2012	173	-	191	210	1	59
.....acres, 2017	5,292	-	4,421	4,219	(D)	852
.....2012	5,867	-	7,422	4,738	(D)	1,852
Land enrolled in crop insurance programs						
.....farms, 2017	118	9	120	293	19	219
.....2012	100	7	89	267	22	252
.....acres, 2017	50,393	3,578	65,493	151,450	2,994	68,319
.....2012	41,201	2,804	60,475	125,105	2,971	62,608

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa	
LAND IN FARMS ACCORDING TO USE - Con.							
Total cropland - Con.							
Other pasture and grazing land that could have been used for crops without additional improvements	farms, 2017	72	92	65	23	12	44
	2012	93	82	55	25	21	48
	acres, 2017	1,592	1,829	2,205	611	426	3,311
	2012	2,053	1,701	1,540	467	548	3,157
Other cropland	farms, 2017	247	258	185	94	143	209
	2012	352	290	160	100	82	138
	acres, 2017	11,138	9,191	7,025	3,296	5,979	19,099
	2012	14,309	9,976	7,032	3,412	3,334	7,616
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed	farms, 2017	206	212	144	66	90	53
	2012	301	232	135	82	55	91
	acres, 2017	9,326	6,827	5,525	2,310	3,341	4,164
	2012	11,861	8,343	6,313	2,475	2,219	5,718
Cropland on which all crops failed	farms, 2017	35	31	30	16	36	141
	2012	46	62	24	25	24	44
	acres, 2017	720	1,659	636	180	1,482	11,807
	2012	1,996	1,422	629	653	978	1,437
Cropland in summer fallow (see text)	farms, 2017	37	38	27	25	38	63
	2012	28	12	5	17	11	29
	acres, 2017	1,092	705	864	806	1,156	3,128
	2012	452	211	90	284	137	461
Total woodland	farms, 2017	463	554	403	190	215	256
	2012	607	588	442	212	216	252
	acres, 2017	21,513	21,262	19,170	8,343	12,393	15,388
	2012	26,806	23,761	21,696	8,855	12,422	16,615
Woodland pastured	farms, 2017	74	81	57	31	34	77
	2012	101	87	63	48	57	60
	acres, 2017	898	1,371	932	580	1,212	2,227
	2012	1,352	2,343	772	648	1,591	1,704
Woodland not pastured	farms, 2017	420	513	365	175	203	225
	2012	550	540	412	196	189	231
	acres, 2017	20,615	19,891	18,238	7,763	11,181	13,161
	2012	25,454	21,418	20,924	8,207	10,831	14,911
Permanent pasture and rangeland, other than cropland and woodland pastured	farms, 2017	276	390	266	151	172	199
	2012	313	376	306	165	155	198
	acres, 2017	4,179	5,827	4,251	3,338	7,077	12,404
	2012	5,745	6,954	5,286	3,522	6,435	12,822
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.	farms, 2017	533	668	472	201	217	265
	2012	744	809	603	233	225	287
	acres, 2017	9,382	12,304	11,413	4,149	2,430	8,029
	2012	13,951	18,563	13,728	4,373	4,919	6,218
Pastureland, all types	farms, 2017	333	460	316	160	184	230
	2012	418	450	356	174	175	220
	acres, 2017	6,669	9,027	7,388	4,529	8,715	17,942
	2012	9,150	10,998	7,598	4,637	8,574	17,683
CONSERVATION AND CROP INSURANCE							
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs	farms, 2017	130	74	69	1	3	26
	2012	229	140	94	3	5	21
	acres, 2017	4,236	2,672	1,999	(D)	(D)	1,560
	2012	8,814	4,913	3,131	147	349	1,578
Land enrolled in crop insurance programs	farms, 2017	178	215	144	4	9	75
	2012	158	179	130	12	9	66
	acres, 2017	112,194	110,554	90,932	1,777	1,283	24,653
	2012	90,998	94,961	83,543	2,870	1,796	20,121

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
LAND IN FARMS ACCORDING TO USE - Con.						
Total cropland - Con.						
Other pasture and grazing land that could have been used for crops without additional improvements						
.....farms, 2017	61	82	-	14	8	67
.....2012	46	58	1	28	11	94
.....acres, 2017	2,489	2,878	-	2,156	258	1,734
.....2012	2,228	1,092	(D)	1,942	289	2,009
Other cropland						
.....farms, 2017	89	308	3	125	61	228
.....2012	98	340	10	87	43	266
.....acres, 2017	2,961	11,469	(D)	5,469	2,976	7,061
.....2012	3,091	10,506	(D)	4,224	2,780	7,310
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed						
.....farms, 2017	56	247	2	86	37	167
.....2012	86	304	8	62	27	221
.....acres, 2017	2,025	8,561	(D)	3,215	2,128	5,395
.....2012	2,597	8,708	71	2,915	2,067	6,758
Cropland on which all crops failed						
.....farms, 2017	21	47	1	35	17	42
.....2012	16	34	3	21	7	35
.....acres, 2017	522	1,678	(D)	1,201	474	1,055
.....2012	232	1,383	23	954	430	380
Cropland in summer fallow (see text)						
.....farms, 2017	22	49	-	34	14	45
.....2012	14	24	2	21	12	17
.....acres, 2017	414	1,230	-	1,053	374	611
.....2012	262	415	(D)	355	283	172
Total woodland						
.....farms, 2017	230	520	37	188	99	526
.....2012	283	620	26	200	97	661
.....acres, 2017	9,965	14,508	1,634	20,085	9,946	17,254
.....2012	17,732	20,641	580	23,008	9,277	24,806
Woodland pastured						
.....farms, 2017	63	33	10	47	15	46
.....2012	82	46	11	63	28	93
.....acres, 2017	2,586	322	156	2,458	351	825
.....2012	3,715	838	(D)	3,372	1,092	1,377
Woodland not pastured						
.....farms, 2017	190	503	35	169	92	509
.....2012	241	596	20	178	86	618
.....acres, 2017	7,379	14,186	1,478	17,627	9,595	16,429
.....2012	14,017	19,803	(D)	19,636	8,185	23,429
Permanent pasture and rangeland, other than cropland and woodland pastured						
.....farms, 2017	214	360	38	102	72	371
.....2012	244	319	25	135	79	478
.....acres, 2017	8,960	5,043	708	6,763	1,508	5,943
.....2012	9,344	4,912	771	8,300	1,864	9,061
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.						
.....farms, 2017	276	719	38	192	92	646
.....2012	343	852	35	208	103	918
.....acres, 2017	5,277	9,314	265	2,867	1,841	9,832
.....2012	4,755	12,565	638	4,494	1,988	13,284
Pastureland, all types						
.....farms, 2017	245	409	38	118	81	416
.....2012	287	380	29	157	92	531
.....acres, 2017	14,035	8,243	864	11,377	2,117	8,502
.....2012	15,287	6,842	1,123	13,614	3,245	12,447
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs						
.....farms, 2017	29	146	-	-	1	63
.....2012	43	230	-	5	3	147
.....acres, 2017	529	4,611	-	-	(D)	2,235
.....2012	1,044	5,151	-	118	(D)	5,263
Land enrolled in crop insurance programs						
.....farms, 2017	21	173	-	27	8	231
.....2012	33	196	-	49	13	246
.....acres, 2017	8,792	116,272	-	6,237	1,865	117,885
.....2012	10,077	127,219	-	13,748	3,415	108,738

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
LAND IN FARMS ACCORDING TO USE - Con.						
Total cropland - Con.						
Other pasture and grazing land that could have been used for crops without additional improvements						
..... farms, 2017	34	29	54	4	31	33
..... 2012	27	43	43	6	21	54
..... acres, 2017	634	1,090	1,589	64	490	2,461
..... 2012	575	688	1,442	120	943	965
Other cropland						
..... farms, 2017	128	218	154	14	179	281
..... 2012	94	209	201	15	157	327
..... acres, 2017	7,018	6,385	5,378	462	5,609	10,577
..... 2012	2,898	6,940	7,433	358	3,668	14,801
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed						
..... farms, 2017	88	145	106	12	125	248
..... 2012	73	140	178	11	127	293
..... acres, 2017	4,273	4,060	3,848	(D)	4,231	8,936
..... 2012	2,214	3,629	6,815	283	2,308	8,887
Cropland on which all crops failed						
..... farms, 2017	28	53	28	1	22	32
..... 2012	32	61	20	4	39	38
..... acres, 2017	1,294	794	660	(D)	361	1,370
..... 2012	428	2,751	348	16	1,049	5,699
Cropland in summer fallow (see text)						
..... farms, 2017	45	61	36	1	55	24
..... 2012	16	40	22	3	30	16
..... acres, 2017	1,451	1,531	870	(D)	1,017	271
..... 2012	256	560	270	59	311	215
Total woodland						
..... farms, 2017	213	342	273	40	237	362
..... 2012	190	427	303	49	263	408
..... acres, 2017	9,017	7,703	11,525	2,454	6,959	11,791
..... 2012	11,314	8,738	14,339	2,319	8,825	15,100
Woodland pastured						
..... farms, 2017	39	44	53	13	50	19
..... 2012	57	80	78	19	25	41
..... acres, 2017	1,503	541	945	302	1,082	380
..... 2012	1,959	1,459	1,486	191	565	963
Woodland not pastured						
..... farms, 2017	200	318	252	33	215	355
..... 2012	171	366	258	45	253	381
..... acres, 2017	7,514	7,162	10,580	2,152	5,877	11,411
..... 2012	9,355	7,279	12,853	2,128	8,260	14,137
Permanent pasture and rangeland, other than cropland and woodland pastured						
..... farms, 2017	163	359	205	30	154	152
..... 2012	155	345	254	34	155	195
..... acres, 2017	5,276	4,303	5,931	467	3,374	3,463
..... 2012	6,183	4,913	6,777	687	3,952	5,528
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.						
..... farms, 2017	231	585	313	43	352	529
..... 2012	209	625	403	53	387	590
..... acres, 2017	4,415	7,585	4,613	789	4,457	9,002
..... 2012	4,436	7,022	5,913	703	5,408	9,218
Pastureland, all types						
..... farms, 2017	172	380	243	34	186	182
..... 2012	176	395	285	36	168	243
..... acres, 2017	7,413	5,934	8,465	833	4,946	6,304
..... 2012	8,717	7,060	9,705	998	5,460	7,456
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs						
..... farms, 2017	-	26	64	-	13	190
..... 2012	4	36	99	-	6	278
..... acres, 2017	-	630	1,882	-	290	4,252
..... 2012	(D)	963	3,010	-	290	7,905
Land enrolled in crop insurance programs						
..... farms, 2017	4	109	32	2	105	278
..... 2012	5	96	25	2	102	223
..... acres, 2017	1,180	71,832	12,196	(D)	13,450	187,119
..... 2012	741	61,811	11,436	(D)	14,904	168,297

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
LAND IN FARMS ACCORDING TO USE - Con.						
Total cropland - Con.						
Other pasture and grazing land that could have been used for crops without additional improvements						
.....farms, 2017	110	23	41	75	85	18
.....2012	145	13	44	59	83	15
.....acres, 2017	2,965	399	1,275	941	3,290	913
.....2012	2,434	453	2,532	1,133	1,531	315
Other cropland						
.....farms, 2017	451	85	463	185	231	81
.....2012	639	68	500	196	300	74
.....acres, 2017	18,313	3,214	26,929	6,386	9,675	2,761
.....2012	25,459	2,214	20,334	6,138	9,541	2,531
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed						
.....farms, 2017	394	50	426	125	191	48
.....2012	580	60	464	135	257	57
.....acres, 2017	16,560	1,500	24,834	4,652	7,954	1,509
.....2012	23,322	1,449	17,028	3,596	8,688	2,123
Cropland on which all crops failed						
.....farms, 2017	26	15	20	38	21	12
.....2012	60	16	38	58	40	18
.....acres, 2017	783	456	959	540	816	344
.....2012	1,830	562	2,938	2,165	559	271
Cropland in summer fallow (see text)						
.....farms, 2017	49	30	32	47	34	25
.....2012	17	14	19	25	21	7
.....acres, 2017	970	1,258	1,136	1,194	905	908
.....2012	307	203	368	377	294	137
Total woodland						
.....farms, 2017	673	141	395	406	497	141
.....2012	846	124	465	458	597	178
.....acres, 2017	22,251	7,343	15,702	12,534	17,618	5,496
.....2012	27,386	10,166	22,857	15,796	19,450	7,791
Woodland pastured						
.....farms, 2017	70	39	20	53	56	35
.....2012	97	18	45	62	83	52
.....acres, 2017	578	283	314	400	996	989
.....2012	996	391	676	1,317	1,578	2,065
Woodland not pastured						
.....farms, 2017	641	127	383	374	471	121
.....2012	789	117	441	429	552	151
.....acres, 2017	21,673	7,060	15,388	12,134	16,622	4,507
.....2012	26,390	9,775	22,181	14,479	17,872	5,726
Permanent pasture and rangeland, other than cropland and woodland pastured						
.....farms, 2017	409	108	129	432	370	111
.....2012	501	82	137	407	433	145
.....acres, 2017	6,269	2,268	5,838	4,792	5,898	3,578
.....2012	7,731	2,686	2,506	6,425	8,850	4,333
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.						
.....farms, 2017	841	140	607	662	667	160
.....2012	1,168	149	754	714	837	202
.....acres, 2017	13,379	3,052	14,957	8,627	10,352	1,841
.....2012	19,315	3,496	21,022	10,966	17,013	2,210
Pastureland, all types						
.....farms, 2017	489	119	169	473	433	133
.....2012	605	90	194	444	506	162
.....acres, 2017	9,812	2,950	7,427	6,133	10,184	5,480
.....2012	11,161	3,530	5,714	8,875	11,959	6,713
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs						
.....farms, 2017	342	2	402	18	103	18
.....2012	593	6	497	31	140	22
.....acres, 2017	12,218	(D)	10,116	686	3,110	506
.....2012	20,076	72	13,954	1,217	5,322	545
Land enrolled in crop insurance programs						
.....farms, 2017	196	7	535	152	217	28
.....2012	163	7	497	149	196	23
.....acres, 2017	126,092	1,353	352,097	109,411	131,848	8,079
.....2012	97,983	293	294,046	115,539	114,851	6,950

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
LAND IN FARMS ACCORDING TO USE - Con.						
Total cropland - Con.						
Other pasture and grazing land that could have been used for crops without additional improvements	farms, 2017	50	71	39	12	88
	2012	9	75	60	12	90
	acres, 2017	346	1,504	1,803	742	385
	2012	808	1,841	2,384	1,179	198
Other cropland	farms, 2017	45	323	246	152	104
	2012	32	278	245	117	78
	acres, 2017	2,041	14,195	9,639	4,984	6,590
	2012	1,158	11,335	8,264	2,904	3,966
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed	farms, 2017	25	217	173	111	72
	2012	21	242	176	95	64
	acres, 2017	961	9,371	7,976	3,174	3,439
	2012	955	9,576	6,537	2,310	3,373
Cropland on which all crops failed	farms, 2017	9	85	42	24	23
	2012	12	29	66	26	23
	acres, 2017	139	3,690	735	914	683
	2012	(D)	1,412	1,480	(D)	526
Cropland in summer fallow (see text)	farms, 2017	19	58	58	29	41
	2012	1	29	20	3	4
	acres, 2017	941	1,134	928	896	2,468
	2012	(D)	347	247	(D)	67
Total woodland	farms, 2017	102	532	450	319	122
	2012	94	525	507	348	133
	acres, 2017	9,966	22,750	13,505	13,009	6,404
	2012	9,984	21,879	16,545	14,133	7,086
Woodland pastured	farms, 2017	30	66	70	65	20
	2012	35	74	80	61	19
	acres, 2017	856	1,896	915	542	290
	2012	1,929	1,533	1,150	490	158
Woodland not pastured	farms, 2017	89	492	421	289	113
	2012	80	475	464	320	127
	acres, 2017	9,110	20,854	12,590	12,467	6,114
	2012	8,055	20,346	15,395	13,643	6,928
Permanent pasture and rangeland, other than cropland and woodland pastured	farms, 2017	69	346	431	319	73
	2012	58	324	526	303	81
	acres, 2017	1,912	5,476	7,262	5,580	2,146
	2012	1,184	7,085	11,076	5,056	2,034
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.	farms, 2017	79	665	685	492	152
	2012	81	677	821	551	169
	acres, 2017	934	9,323	13,841	8,138	2,269
	2012	2,317	10,643	19,450	11,498	3,840
Pastureland, all types	farms, 2017	78	373	485	342	80
	2012	72	390	569	345	94
	acres, 2017	3,114	8,876	9,980	6,864	2,821
	2012	3,921	10,459	14,610	6,725	2,390
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs	farms, 2017	-	104	28	16	3
	2012	-	183	42	29	1
	acres, 2017	-	2,155	2,614	692	43
	2012	-	5,822	2,690	801	(D)
Land enrolled in crop insurance programs	farms, 2017	1	188	145	116	10
	2012	2	174	151	95	9
	acres, 2017	(D)	86,721	79,173	64,911	1,739
	2012	(D)	87,798	81,896	59,253	2,401

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
LAND IN FARMS ACCORDING TO USE - Con.						
Total cropland - Con.						
Other pasture and grazing land that could have been used for crops without additional improvements						
.....farms, 2017	-	16	66	26	50	71
.....2012	-	16	117	30	91	62
.....acres, 2017	-	345	879	337	698	1,317
.....2012	-	279	2,431	590	1,967	407
Other cropland						
.....farms, 2017	3	70	240	189	559	160
.....2012	-	69	250	192	746	130
.....acres, 2017	54	2,798	7,738	5,641	21,794	6,328
.....2012	-	1,234	8,359	6,253	31,283	2,448
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed						
.....farms, 2017	3	61	145	152	502	80
.....2012	-	49	175	140	698	91
.....acres, 2017	54	2,309	5,372	3,706	19,358	4,039
.....2012	-	674	6,458	3,948	27,842	1,644
Cropland on which all crops failed						
.....farms, 2017	-	12	72	37	44	62
.....2012	-	17	68	49	74	40
.....acres, 2017	-	219	1,338	901	1,445	1,501
.....2012	-	477	1,385	1,805	3,076	683
Cropland in summer fallow (see text)						
.....farms, 2017	-	9	44	61	45	34
.....2012	-	8	30	42	22	15
.....acres, 2017	-	270	1,028	1,034	991	788
.....2012	-	83	516	500	365	121
Total woodland						
.....farms, 2017	9	115	486	298	579	350
.....2012	6	135	535	332	720	368
.....acres, 2017	72	5,279	17,752	11,886	16,850	9,206
.....2012	198	8,802	16,757	15,281	23,937	9,219
Woodland pastured						
.....farms, 2017	3	28	86	37	39	69
.....2012	6	41	110	19	66	63
.....acres, 2017	12	380	1,194	902	600	1,109
.....2012	120	1,086	1,303	682	1,433	920
Woodland not pastured						
.....farms, 2017	6	102	441	270	561	312
.....2012	4	114	482	327	681	329
.....acres, 2017	60	4,899	16,558	10,984	16,250	8,097
.....2012	78	7,716	15,454	14,599	22,504	8,299
Permanent pasture and rangeland, other than cropland and woodland pastured						
.....farms, 2017	9	82	477	135	327	361
.....2012	4	109	538	125	384	389
.....acres, 2017	69	2,354	9,220	2,837	4,297	4,293
.....2012	90	3,775	7,592	3,761	6,132	6,089
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.						
.....farms, 2017	9	117	726	330	884	524
.....2012	6	151	849	386	1,108	585
.....acres, 2017	15	2,153	9,813	5,384	19,416	8,653
.....2012	30	1,988	14,152	7,169	14,929	9,843
Pastureland, all types						
.....farms, 2017	9	93	531	160	366	410
.....2012	6	125	633	143	471	424
.....acres, 2017	81	3,079	11,293	4,076	5,595	6,719
.....2012	210	5,140	11,326	5,033	9,532	7,416
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs						
.....farms, 2017	-	2	23	4	496	7
.....2012	-	10	33	6	696	9
.....acres, 2017	-	(D)	829	189	12,229	405
.....2012	-	173	1,127	444	25,765	273
Land enrolled in crop insurance programs						
.....farms, 2017	-	4	116	124	399	65
.....2012	-	7	105	122	325	46
.....acres, 2017	-	995	59,510	13,040	249,871	31,975
.....2012	-	2,518	62,222	9,201	207,996	25,737

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
LAND IN FARMS ACCORDING TO USE - Con.						
Total cropland - Con.						
Other pasture and grazing land that could have been used for crops without additional improvements						
..... farms, 2017	1	10	22	28	12	42
..... farms, 2012	2	18	39	23	10	35
..... acres, 2017	(D)	879	285	699	148	821
..... acres, 2012	(D)	1,177	655	236	193	571
Other cropland						
..... farms, 2017	17	35	114	141	63	198
..... farms, 2012	5	21	99	158	43	172
..... acres, 2017	(D)	1,978	4,437	5,425	1,743	10,188
..... acres, 2012	(D)	813	2,521	6,203	1,119	7,267
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed						
..... farms, 2017	11	15	64	97	49	148
..... farms, 2012	3	15	71	126	25	132
..... acres, 2017	(D)	302	1,638	2,894	856	7,361
..... acres, 2012	5	595	1,530	4,604	802	5,884
Cropland on which all crops failed						
..... farms, 2017	6	20	33	24	10	59
..... farms, 2012	2	4	28	57	17	36
..... acres, 2017	714	1,186	1,536	776	(D)	1,401
..... acres, 2012	(D)	132	738	1,328	255	794
Cropland in summer fallow (see text)						
..... farms, 2017	-	13	33	50	22	65
..... farms, 2012	-	6	16	19	6	34
..... acres, 2017	-	490	1,263	1,755	(D)	1,426
..... acres, 2012	-	86	253	271	62	589
Total woodland						
..... farms, 2017	37	68	144	170	133	289
..... farms, 2012	29	76	177	206	131	257
..... acres, 2017	2,063	7,943	3,495	12,952	13,862	12,396
..... acres, 2012	2,515	6,109	3,460	15,339	13,582	11,569
Woodland pastured						
..... farms, 2017	20	15	23	24	33	49
..... farms, 2012	7	19	39	30	57	45
..... acres, 2017	(D)	2,381	687	628	2,398	2,242
..... acres, 2012	(D)	1,466	363	767	3,209	728
Woodland not pastured						
..... farms, 2017	27	65	130	165	122	273
..... farms, 2012	27	70	157	197	99	240
..... acres, 2017	(D)	5,562	2,808	12,324	11,464	10,154
..... acres, 2012	(D)	4,643	3,097	14,572	10,373	10,841
Permanent pasture and rangeland, other than cropland and woodland pastured						
..... farms, 2017	41	50	73	92	91	173
..... farms, 2012	29	60	170	116	89	171
..... acres, 2017	3,078	2,716	1,061	3,168	2,844	2,989
..... acres, 2012	4,142	3,145	2,390	2,275	5,708	3,480
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.						
..... farms, 2017	49	67	283	219	117	328
..... farms, 2012	26	60	344	236	135	340
..... acres, 2017	717	1,183	2,476	5,928	2,226	7,048
..... acres, 2012	683	1,699	3,703	6,603	2,217	7,310
Pastureland, all types						
..... farms, 2017	41	59	98	113	99	209
..... farms, 2012	29	74	196	130	112	206
..... acres, 2017	3,760	5,976	2,033	4,495	5,390	6,052
..... acres, 2012	4,487	5,788	3,408	3,278	9,110	4,779
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs						
..... farms, 2017	-	3	1	1	-	20
..... farms, 2012	-	2	4	1	1	20
..... acres, 2017	-	14	(D)	(D)	-	514
..... acres, 2012	-	(D)	58	(D)	(D)	780
Land enrolled in crop insurance programs						
..... farms, 2017	6	12	78	20	4	69
..... farms, 2012	6	14	77	19	5	42
..... acres, 2017	2,271	7,628	42,430	5,319	1,140	26,855
..... acres, 2012	2,019	2,388	32,717	4,230	1,361	22,006

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
LAND IN FARMS ACCORDING TO USE - Con.						
Total cropland - Con.						
Other pasture and grazing land that could have been used for crops without additional improvements						
.....farms, 2017	117	20	26	27	39	97
.....2012	94	34	32	30	41	98
.....acres, 2017	5,132	545	419	1,659	246	3,529
.....2012	2,289	1,201	845	1,048	348	3,192
Other cropland						
.....farms, 2017	268	124	169	108	275	293
.....2012	201	104	193	90	229	368
.....acres, 2017	9,173	8,395	7,595	7,515	5,689	12,064
.....2012	5,840	3,540	4,903	3,352	6,798	11,652
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed						
.....farms, 2017	191	66	133	82	223	209
.....2012	142	65	172	59	180	285
.....acres, 2017	5,276	5,495	6,292	5,730	4,010	8,404
.....2012	4,701	2,284	4,161	2,481	4,839	8,731
Cropland on which all crops failed						
.....farms, 2017	47	49	17	22	38	68
.....2012	44	45	22	31	51	72
.....acres, 2017	1,727	1,769	438	1,077	1,074	1,565
.....2012	504	1,017	486	809	1,651	2,051
Cropland in summer fallow (see text)						
.....farms, 2017	95	33	39	16	29	72
.....2012	38	14	17	6	18	60
.....acres, 2017	2,170	1,131	865	708	605	2,095
.....2012	635	239	256	62	308	870
Total woodland						
.....farms, 2017	408	234	259	223	358	565
.....2012	493	277	301	239	366	684
.....acres, 2017	18,084	22,848	10,941	12,568	7,253	22,815
.....2012	21,953	27,801	12,875	14,002	7,869	29,654
Woodland pastured						
.....farms, 2017	87	38	57	48	27	111
.....2012	118	84	75	54	44	127
.....acres, 2017	2,395	1,285	1,148	1,217	227	3,883
.....2012	3,393	1,909	1,307	1,540	721	2,742
Woodland not pastured						
.....farms, 2017	367	221	240	195	338	518
.....2012	425	253	258	217	336	625
.....acres, 2017	15,689	21,563	9,793	11,351	7,026	18,932
.....2012	18,560	25,892	11,568	12,462	7,148	26,912
Permanent pasture and rangeland, other than cropland and woodland pastured						
.....farms, 2017	322	165	204	161	268	399
.....2012	384	188	177	172	249	475
.....acres, 2017	7,974	3,737	3,149	5,794	2,062	5,005
.....2012	10,155	6,365	2,649	7,418	2,143	8,532
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.						
.....farms, 2017	500	227	343	290	668	667
.....2012	579	297	402	296	722	843
.....acres, 2017	7,538	5,846	3,699	6,593	6,435	10,605
.....2012	11,162	7,445	4,513	6,403	8,316	18,004
Pastureland, all types						
.....farms, 2017	392	185	236	181	300	453
.....2012	440	221	219	208	294	549
.....acres, 2017	15,501	5,567	4,716	8,670	2,535	12,417
.....2012	15,837	9,475	4,801	10,006	3,212	14,466
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs						
.....farms, 2017	23	3	99	6	150	43
.....2012	49	-	144	4	152	106
.....acres, 2017	508	(D)	2,762	181	2,484	1,531
.....2012	2,031	-	3,347	162	2,696	3,790
Land enrolled in crop insurance programs						
.....farms, 2017	63	49	75	77	316	150
.....2012	84	70	84	68	255	144
.....acres, 2017	30,883	16,706	38,228	36,725	151,877	94,814
.....2012	31,402	22,916	36,011	35,427	134,608	84,666

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
LAND IN FARMS ACCORDING TO USE - Con.						
Total cropland - Con.						
Other pasture and grazing land that could have been used for crops without additional improvements						
..... farms, 2017	10	57	76	33	59	23
..... 2012	9	33	81	33	44	25
..... acres, 2017	253	937	1,473	214	1,387	834
..... 2012	134	345	1,632	373	1,252	655
Other cropland						
..... farms, 2017	70	156	258	104	245	83
..... 2012	46	115	207	87	226	74
..... acres, 2017	2,426	5,261	8,294	2,882	13,659	3,316
..... 2012	1,253	3,038	5,676	1,844	10,741	2,861
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed						
..... farms, 2017	43	116	163	61	180	51
..... 2012	30	83	141	54	172	46
..... acres, 2017	1,573	4,315	5,991	1,943	8,620	1,704
..... 2012	891	2,290	3,939	1,316	8,104	1,799
Cropland on which all crops failed						
..... farms, 2017	21	34	58	23	49	24
..... 2012	13	35	56	32	52	21
..... acres, 2017	286	392	648	200	2,058	498
..... 2012	209	642	1,242	287	1,947	732
Cropland in summer fallow (see text)						
..... farms, 2017	19	17	72	39	71	24
..... 2012	12	10	29	17	40	13
..... acres, 2017	567	554	1,655	739	2,981	1,114
..... 2012	153	106	495	241	690	330
Total woodland						
..... farms, 2017	107	289	537	248	349	157
..... 2012	93	284	561	245	385	183
..... acres, 2017	4,549	9,411	24,599	3,688	20,064	14,218
..... 2012	5,341	13,332	20,683	4,599	20,907	18,876
Woodland pastured						
..... farms, 2017	14	72	114	43	62	35
..... 2012	22	66	114	56	54	53
..... acres, 2017	444	1,247	3,129	542	1,377	2,912
..... 2012	651	1,521	3,316	746	963	3,739
Woodland not pastured						
..... farms, 2017	101	252	479	225	320	141
..... 2012	83	248	496	209	359	153
..... acres, 2017	4,105	8,164	21,470	3,146	18,687	11,306
..... 2012	4,690	11,811	17,367	3,853	19,944	15,137
Permanent pasture and rangeland, other than cropland and woodland pastured						
..... farms, 2017	85	195	406	268	184	135
..... 2012	77	209	454	313	208	119
..... acres, 2017	3,351	2,813	6,440	3,780	3,406	3,027
..... 2012	2,537	3,265	10,518	3,990	4,129	3,642
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.						
..... farms, 2017	122	327	609	368	370	201
..... 2012	113	378	700	427	464	212
..... acres, 2017	1,886	5,200	8,444	3,971	9,966	5,115
..... 2012	1,878	8,675	11,078	4,374	13,386	5,426
Pastureland, all types						
..... farms, 2017	95	239	466	286	223	150
..... 2012	87	249	518	335	249	134
..... acres, 2017	4,048	4,997	11,042	4,536	6,170	6,773
..... 2012	3,322	5,131	15,466	5,109	6,344	8,036
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs						
..... farms, 2017	-	7	9	3	8	12
..... 2012	2	22	20	6	15	13
..... acres, 2017	-	147	372	(D)	244	336
..... 2012	(D)	1,095	669	235	1,974	1,190
Land enrolled in crop insurance programs						
..... farms, 2017	9	50	72	12	85	48
..... 2012	13	50	70	16	77	46
..... acres, 2017	3,997	24,736	29,414	3,263	33,749	19,154
..... 2012	4,022	19,356	21,759	4,254	25,630	18,491

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
LAND IN FARMS ACCORDING TO USE - Con.						
Total cropland - Con.						
Other pasture and grazing land that could have been used for crops without additional improvements						
.....farms, 2017	13	56	13	10	64	30
.....2012	9	90	18	8	67	37
.....acres, 2017	457	2,979	341	259	1,148	1,222
.....2012	368	2,976	522	283	1,485	1,958
Other cropland						
.....farms, 2017	45	198	33	75	229	182
.....2012	37	219	23	50	252	104
.....acres, 2017	2,783	10,713	1,042	4,713	5,832	7,549
.....2012	1,776	8,044	1,279	2,132	6,493	5,020
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed						
.....farms, 2017	23	138	18	49	162	120
.....2012	32	163	21	36	170	75
.....acres, 2017	1,364	7,941	488	3,281	4,607	5,603
.....2012	1,581	6,362	1,065	1,630	4,165	3,989
Cropland on which all crops failed						
.....farms, 2017	13	31	4	18	33	36
.....2012	6	38	7	14	77	20
.....acres, 2017	477	1,019	250	523	409	469
.....2012	74	1,023	214	286	1,686	431
Cropland in summer fallow (see text)						
.....farms, 2017	12	58	12	19	67	64
.....2012	7	40	-	12	39	27
.....acres, 2017	942	1,753	304	909	816	1,477
.....2012	121	659	-	216	642	600
Total woodland						
.....farms, 2017	93	375	98	113	409	189
.....2012	88	466	102	111	461	208
.....acres, 2017	11,054	17,155	5,892	8,445	10,043	13,821
.....2012	10,092	22,188	4,578	9,895	15,946	24,734
Woodland pastured						
.....farms, 2017	27	77	20	17	90	25
.....2012	36	92	25	23	68	45
.....acres, 2017	1,858	1,733	1,110	683	834	1,579
.....2012	3,094	2,194	1,332	1,826	824	1,816
Woodland not pastured						
.....farms, 2017	76	330	89	106	349	177
.....2012	69	420	90	100	419	186
.....acres, 2017	9,196	15,422	4,782	7,762	9,209	12,242
.....2012	6,998	19,994	3,246	8,069	15,122	22,918
Permanent pasture and rangeland, other than cropland and woodland pastured						
.....farms, 2017	35	334	102	85	389	118
.....2012	57	416	101	85	520	131
.....acres, 2017	1,785	10,079	2,686	4,221	4,630	5,066
.....2012	3,667	12,827	2,619	3,580	7,924	5,370
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.						
.....farms, 2017	71	451	109	125	745	211
.....2012	78	539	120	146	963	220
.....acres, 2017	1,748	9,009	1,083	3,073	12,003	4,592
.....2012	1,404	10,889	1,681	4,523	24,136	6,004
Pastureland, all types						
.....farms, 2017	45	376	106	96	449	140
.....2012	69	462	110	96	579	159
.....acres, 2017	4,100	14,791	4,137	5,163	6,612	7,867
.....2012	7,129	17,997	4,473	5,689	10,233	9,144
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs						
.....farms, 2017	1	16	1	-	28	9
.....2012	2	34	-	2	34	13
.....acres, 2017	(D)	500	(D)	-	384	313
.....2012	(D)	1,320	-	(D)	1,281	568
Land enrolled in crop insurance programs						
.....farms, 2017	4	41	-	5	198	27
.....2012	4	52	1	7	239	28
.....acres, 2017	921	12,393	-	1,540	76,163	8,789
.....2012	1,368	14,228	(D)	714	67,308	13,206

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
LAND IN FARMS ACCORDING TO USE - Con.						
Total cropland - Con.						
Other pasture and grazing land that could have been used for crops without additional improvements	farms, 2017	35	70	56	108	12
	2012	43	80	89	106	12
	acres, 2017	(D) 329	1,168	1,592	3,469	1,123
	2012	(D) 1,644	1,302	1,552	2,209	864
Other cropland	farms, 2017	13	442	307	226	18
	2012	17	476	213	214	23
	acres, 2017	(D) 18,510	10,961	10,961	13,131	976
	2012	(D) 13,080	7,716	7,186	19,193	567
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed	farms, 2017	7	366	153	159	287
	2012	10	441	158	160	368
	acres, 2017	160	15,406	5,773	10,884	14,693
	2012	859	11,768	3,511	4,809	16,043
Cropland on which all crops failed	farms, 2017	9	64	81	33	35
	2012	5	44	45	55	48
	acres, 2017	(D) 2,370	2,117	2,117	1,647	1,727
	2012	77	1,055	3,498	2,117	2,200
Cropland in summer fallow (see text)	farms, 2017	2	37	117	46	58
	2012	2	15	41	16	49
	acres, 2017	(D) 734	3,071	600	1,911	(D)
	2012	(D) 257	707	260	950	(D)
Total woodland	farms, 2017	30	548	494	469	551
	2012	32	618	489	501	672
	acres, 2017	1,302	16,195	10,547	16,478	16,354
	2012	1,782	20,542	13,087	16,441	23,079
Woodland pastured	farms, 2017	14	40	64	58	56
	2012	6	43	69	73	95
	acres, 2017	(D) 922	669	601	1,081	473
	2012	(D) 1,105	1,097	731	1,210	486
Woodland not pastured	farms, 2017	25	529	465	434	515
	2012	28	588	460	470	612
	acres, 2017	(D) 15,273	9,878	15,877	15,273	4,624
	2012	(D) 19,437	11,990	15,710	21,869	11,104
Permanent pasture and rangeland, other than cropland and woodland pastured	farms, 2017	24	150	405	373	365
	2012	37	179	397	388	24
	acres, 2017	768	2,575	5,129	4,675	5,756
	2012	1,033	2,403	6,055	4,489	8,260
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.	farms, 2017	43	699	711	630	893
	2012	36	890	751	739	1,060
	acres, 2017	738	7,791	6,187	11,456	13,422
	2012	1,915	12,314	9,182	12,594	20,041
Pastureland, all types	farms, 2017	29	201	461	426	456
	2012	42	227	456	458	512
	acres, 2017	1,543	3,826	6,966	6,868	10,306
	2012	1,689	5,152	8,454	6,772	11,679
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs	farms, 2017	-	326	10	60	144
	2012	-	453	19	110	274
	acres, 2017	-	8,570	603	2,553	4,811
	2012	-	10,916	659	3,457	9,794
Land enrolled in crop insurance programs	farms, 2017	-	424	159	179	446
	2012	1	370	137	143	401
	acres, 2017	-	224,875	81,657	87,678	252,407
	2012	(D)	180,654	73,158	75,072	237,934

--continued

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
LAND IN FARMS ACCORDING TO USE - Con.						
Total cropland - Con.						
Other pasture and grazing land that could have been used for crops without additional improvements						
.....farms, 2017	45	71	61	90	2	40
.....2012	55	77	55	82	15	39
.....acres, 2017	600	1,624	680	1,737	(D)	549
.....2012	695	1,959	1,118	1,003	92	734
Other cropland						
.....farms, 2017	286	473	297	364	45	119
.....2012	267	501	316	274	51	137
.....acres, 2017	10,661	17,305	12,445	8,916	(D)	5,257
.....2012	7,438	16,654	9,399	5,630	898	4,409
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed						
.....farms, 2017	209	387	232	248	37	87
.....2012	233	456	254	202	33	97
.....acres, 2017	6,888	13,438	10,904	5,656	693	3,620
.....2012	6,556	15,058	7,891	4,407	728	2,827
Cropland on which all crops failed						
.....farms, 2017	43	51	59	84	13	16
.....2012	36	54	72	75	17	44
.....acres, 2017	2,096	1,988	733	2,272	272	1,161
.....2012	632	1,254	1,088	913	156	1,245
Cropland in summer fallow (see text)						
.....farms, 2017	62	64	49	59	2	29
.....2012	20	18	31	28	3	23
.....acres, 2017	1,677	1,879	808	988	(D)	476
.....2012	250	342	420	310	14	337
Total woodland						
.....farms, 2017	436	520	570	576	57	185
.....2012	540	634	626	562	95	215
.....acres, 2017	12,344	16,132	18,151	11,562	655	8,346
.....2012	13,861	19,736	25,432	15,110	2,291	9,827
Woodland pastured						
.....farms, 2017	59	66	68	56	11	24
.....2012	55	99	81	96	15	30
.....acres, 2017	519	2,775	866	444	(D)	428
.....2012	793	1,618	1,233	1,536	347	1,451
Woodland not pastured						
.....farms, 2017	399	496	535	547	51	174
.....2012	499	585	591	512	86	202
.....acres, 2017	11,825	13,357	17,285	11,118	(D)	7,918
.....2012	13,068	18,118	24,199	13,574	1,944	8,376
Permanent pasture and rangeland, other than cropland and woodland pastured						
.....farms, 2017	288	319	292	523	79	123
.....2012	333	387	331	543	80	153
.....acres, 2017	2,597	4,417	3,794	6,721	739	3,112
.....2012	3,927	6,583	5,916	8,146	1,114	3,725
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.						
.....farms, 2017	597	788	653	888	120	208
.....2012	777	924	833	957	188	276
.....acres, 2017	8,417	10,776	11,738	10,309	843	2,586
.....2012	10,353	14,518	18,684	13,443	1,510	3,037
Pastureland, all types						
.....farms, 2017	328	375	328	583	81	151
.....2012	400	471	386	602	93	179
.....acres, 2017	3,716	8,816	5,340	8,902	865	4,089
.....2012	5,415	10,160	8,267	10,685	1,553	5,910
CONSERVATION AND CROP INSURANCE						
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs						
.....farms, 2017	121	292	49	30	1	2
.....2012	152	367	70	51	4	5
.....acres, 2017	2,461	7,197	1,831	1,030	(D)	(D)
.....2012	3,694	10,933	2,576	1,776	147	229
Land enrolled in crop insurance programs						
.....farms, 2017	200	383	209	237	25	10
.....2012	173	316	236	180	21	14
.....acres, 2017	109,144	214,572	77,666	99,405	3,935	3,280
.....2012	96,086	186,132	63,955	78,123	4,295	2,611

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Farms .....number, 2017	35,147	179	102	907	319	260
.....2012	37,479	179	75	1,037	349	290
acres harvested, 2017	7,214,667	20,042	7,799	181,865	35,668	24,661
.....2012	7,057,978	20,896	7,773	210,987	38,428	27,548
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres .....farms	2,620	6	8	81	15	19
acres harvested	7,292	8	10	224	31	22
10 to 49 acres .....farms	10,666	49	36	316	93	71
acres harvested	144,965	669	166	4,477	1,148	773
50 to 69 acres .....farms	2,793	16	13	80	26	30
acres harvested	85,913	292	244	2,430	(D)	871
70 to 99 acres .....farms	3,686	30	7	84	45	26
acres harvested	154,142	982	48	3,771	1,269	445
100 to 139 acres .....farms	3,037	10	8	72	41	27
acres harvested	200,868	613	136	4,682	2,249	1,144
140 to 179 acres .....farms	1,878	16	6	41	16	16
acres harvested	177,560	1,056	429	4,343	1,018	(D)
180 to 219 acres .....farms	1,371	5	3	21	25	12
acres harvested	171,552	309	283	2,349	2,289	1,176
220 to 259 acres .....farms	1,073	4	2	28	11	8
acres harvested	174,475	672	(D)	4,324	1,307	894
260 to 499 acres .....farms	3,393	23	12	73	20	29
acres harvested	886,036	4,974	2,090	20,879	3,476	5,815
500 to 999 acres .....farms	2,489	17	1	52	17	14
acres harvested	1,454,664	6,738	(D)	32,226	9,006	4,814
1,000 to 1,999 acres .....farms	1,490	2	6	43	8	6
acres harvested	1,759,643	(D)	3,665	52,116	8,835	4,353
2,000 acres or more .....farms	651	1	-	16	2	2
acres harvested	1,997,557	(D)	-	50,044	(D)	(D)
2012 size of farm:						
1 to 9 acres .....farms	1,922	2	2	80	7	26
acres harvested	5,895	(D)	(D)	274	23	55
10 to 49 acres .....farms	11,389	45	27	367	85	75
acres harvested	164,252	609	246	5,054	1,182	920
50 to 69 acres .....farms	3,323	10	7	109	25	23
acres harvested	102,440	(D)	146	3,057	(D)	539
70 to 99 acres .....farms	4,346	40	4	110	64	33
acres harvested	187,762	1,279	152	4,798	2,439	966
100 to 139 acres .....farms	3,382	15	5	81	39	38
acres harvested	226,941	629	146	5,331	2,597	1,427
140 to 179 acres .....farms	2,239	15	2	54	32	18
acres harvested	213,080	945	(D)	4,926	2,326	1,331
180 to 219 acres .....farms	1,663	10	4	37	19	17
acres harvested	210,291	959	425	4,732	2,126	1,838
220 to 259 acres .....farms	1,188	8	3	26	22	9
acres harvested	183,992	966	362	4,453	2,788	778
260 to 499 acres .....farms	3,530	17	12	65	27	29
acres harvested	903,834	2,997	1,482	18,652	5,778	5,535
500 to 999 acres .....farms	2,503	11	4	54	22	14
acres harvested	1,440,246	4,967	1,370	32,568	10,187	5,203
1,000 to 1,999 acres .....farms	1,397	6	5	35	6	5
acres harvested	1,633,936	7,281	3,302	40,212	6,832	2,258
2,000 acres or more .....farms	597	-	-	19	1	3
acres harvested	1,785,309	-	-	86,930	(D)	6,698
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres .....farms	8,041	25	50	229	77	72
acres	32,011	(D)	160	990	265	232
10 to 19 acres .....farms	4,847	38	14	124	43	45
acres	63,733	474	174	1,651	599	614
20 to 29 acres .....farms	3,088	13	8	98	45	28
acres	70,801	292	195	2,272	1,011	631
30 to 49 acres .....farms	3,648	34	4	93	46	33
acres	135,389	1,228	176	3,309	1,592	1,245
50 to 99 acres .....farms	4,425	22	6	109	45	23
acres	303,811	1,524	449	7,626	3,110	1,419
100 to 199 acres .....farms	3,607	14	7	73	26	26
acres	499,468	1,782	952	9,810	3,665	3,752
200 to 499 acres .....farms	3,662	26	10	83	16	25
acres	1,161,585	7,792	3,223	26,901	4,500	7,578
500 to 999 acres .....farms	2,056	5	3	47	13	4
acres	1,458,903	3,383	2,470	32,966	9,208	2,970
1,000 acres or more .....farms	1,773	2	-	51	8	4
acres	3,488,966	(D)	-	96,340	11,718	6,220
2012 acres harvested:						
1 to 9 acres .....farms	7,192	29	26	249	56	78
acres	31,394	120	80	1,105	261	286
10 to 19 acres .....farms	5,299	26	9	181	36	40
acres	69,901	320	120	2,342	477	488
20 to 29 acres .....farms	3,635	23	3	103	40	33
acres	83,598	525	72	2,389	877	722
30 to 49 acres .....farms	4,533	24	9	124	59	38
acres	168,915	885	316	4,613	2,254	1,383
50 to 99 acres .....farms	5,259	35	8	120	56	38
acres	364,306	2,358	(D)	8,455	3,800	2,599
100 to 199 acres .....farms	4,039	16	9	83	56	31
acres	562,054	2,150	1,415	11,443	7,318	4,375
200 to 499 acres .....farms	3,847	18	7	83	30	22
acres	1,203,251	5,682	2,205	25,667	9,162	6,406
500 to 999 acres .....farms	2,065	4	3	49	11	7
acres	1,437,689	2,660	1,925	34,614	7,490	4,591
1,000 acres or more .....farms	1,610	4	1	45	5	3
acres	3,136,870	6,196	(D)	120,359	6,789	6,698

--continued

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Farms number, 2017	234	51	610	569	126	748
..... 2012	226	45	642	584	126	865
..... acres harvested, 2017	63,460	8,278	107,854	183,785	6,794	112,819
..... 2012	52,524	6,954	105,373	166,525	7,560	116,045
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres farms	20	-	27	35	14	102
..... acres harvested	63	-	97	124	23	353
10 to 49 acres farms	44	14	183	128	46	300
..... acres harvested	832	202	2,576	2,668	348	3,467
50 to 69 acres farms	14	3	57	35	7	46
..... acres harvested	335	24	1,634	1,710	(D)	1,483
70 to 99 acres farms	20	7	79	48	20	57
..... acres harvested	1,032	182	3,234	2,730	437	2,958
100 to 139 acres farms	25	6	84	44	8	50
..... acres harvested	1,444	192	5,670	3,940	252	3,909
140 to 179 acres farms	19	1	32	51	11	31
..... acres harvested	1,891	(D)	2,480	6,561	613	3,347
180 to 219 acres farms	6	1	25	14	4	24
..... acres harvested	782	(D)	2,586	2,575	620	3,718
220 to 259 acres farms	7	2	20	17	3	15
..... acres harvested	1,455	(D)	2,872	3,696	(D)	2,412
260 to 499 acres farms	27	10	33	75	5	51
..... acres harvested	7,038	1,374	8,479	25,750	824	12,430
500 to 999 acres farms	33	3	32	58	7	43
..... acres harvested	21,621	1,434	19,690	38,686	2,615	29,198
1,000 to 1,999 acres farms	16	3	28	49	1	19
..... acres harvested	20,436	4,266	32,975	61,198	(D)	23,751
2,000 acres or more farms	3	1	10	15	-	10
..... acres harvested	6,531	(D)	25,561	34,147	-	25,793
2012 size of farm:						
1 to 9 acres farms	4	1	19	32	5	93
..... acres harvested	7	(D)	44	140	13	309
10 to 49 acres farms	60	10	198	122	33	378
..... acres harvested	1,018	77	2,854	1,842	(D)	5,159
50 to 69 acres farms	19	-	70	44	21	61
..... acres harvested	(D)	-	1,635	1,668	448	2,120
70 to 99 acres farms	28	2	96	61	14	67
..... acres harvested	1,203	(D)	3,434	3,090	338	3,078
100 to 139 acres farms	21	9	52	66	12	59
..... acres harvested	913	322	3,605	6,168	713	4,813
140 to 179 acres farms	11	3	31	39	14	43
..... acres harvested	891	203	1,962	5,295	686	4,687
180 to 219 acres farms	11	3	39	22	8	21
..... acres harvested	1,530	120	3,948	3,572	440	2,795
220 to 259 acres farms	4	2	25	18	2	19
..... acres harvested	622	(D)	4,451	3,999	(D)	3,255
260 to 499 acres farms	27	7	45	68	10	52
..... acres harvested	6,762	1,004	10,936	22,243	1,657	15,373
500 to 999 acres farms	27	1	32	59	6	41
..... acres harvested	18,100	(D)	18,145	40,523	1,949	24,150
1,000 to 1,999 acres farms	12	7	25	39	1	23
..... acres harvested	16,766	4,660	29,140	48,093	(D)	26,611
2,000 acres or more farms	2	-	10	14	-	8
..... acres harvested	(D)	-	25,219	29,892	-	23,695
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres farms	34	8	109	70	56	255
..... acres	130	(D)	485	287	(D)	1,034
10 to 19 acres farms	21	9	98	48	18	117
..... acres	270	90	1,280	699	221	1,518
20 to 29 acres farms	18	2	69	27	7	56
..... acres	407	(D)	1,567	653	157	1,253
30 to 49 acres farms	29	15	88	53	17	61
..... acres	1,061	532	3,269	1,979	576	2,370
50 to 99 acres farms	23	3	85	87	9	71
..... acres	1,530	(D)	5,772	6,001	554	4,804
100 to 199 acres farms	33	3	63	67	8	74
..... acres	4,377	(D)	8,283	9,365	1,142	10,166
200 to 499 acres farms	28	7	37	101	9	47
..... acres	8,283	2,142	11,832	33,115	2,409	14,570
500 to 999 acres farms	30	1	30	58	2	43
..... acres	21,155	(D)	22,828	42,104	(D)	31,020
1,000 acres or more farms	18	3	31	58	-	24
..... acres	26,247	4,266	52,538	89,582	-	46,084
2012 acres harvested:						
1 to 9 acres farms	30	9	113	91	40	266
..... acres	151	35	520	392	(D)	1,171
10 to 19 acres farms	39	4	111	50	16	141
..... acres	502	51	1,478	700	202	1,869
20 to 29 acres farms	18	3	66	34	12	81
..... acres	408	60	1,505	776	273	1,938
30 to 49 acres farms	35	6	103	48	23	88
..... acres	1,292	230	3,769	1,861	892	3,234
50 to 99 acres farms	23	8	88	76	17	91
..... acres	1,591	543	5,897	5,527	1,279	6,538
100 to 199 acres farms	16	7	54	93	8	78
..... acres	2,354	925	7,462	12,975	1,080	11,007
200 to 499 acres farms	28	5	52	86	9	62
..... acres	8,563	1,524	16,215	28,360	2,758	21,194
500 to 999 acres farms	24	1	27	60	1	32
..... acres	17,681	(D)	20,017	43,832	(D)	22,966
1,000 acres or more farms	13	2	28	46	-	26
..... acres	19,982	(D)	48,510	72,102	-	46,128

--continued

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Farms .....number, 2017	584	714	577	174	220	295
2012	736	763	574	208	235	312
acres harvested, 2017	191,614	163,533	154,451	10,203	15,719	30,835
2012	181,344	163,922	139,408	16,911	17,909	46,604
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres .....farms	28	38	38	9	18	12
acres harvested	96	135	186	12	19	22
10 to 49 acres .....farms	152	202	195	58	46	47
acres harvested	2,128	2,516	2,275	686	515	657
50 to 69 acres .....farms	59	59	44	22	30	10
acres harvested	2,003	1,786	1,394	368	935	377
70 to 99 acres .....farms	82	79	42	17	18	38
acres harvested	3,375	2,825	1,402	461	520	1,626
100 to 139 acres .....farms	29	72	53	26	26	52
acres harvested	1,815	3,996	3,392	931	778	2,281
140 to 179 acres .....farms	16	35	26	8	30	17
acres harvested	1,871	2,316	1,968	499	2,180	1,408
180 to 219 acres .....farms	22	28	19	5	15	14
acres harvested	2,973	3,841	2,343	270	889	937
220 to 259 acres .....farms	4	24	13	8	9	9
acres harvested	748	4,388	2,316	587	936	861
260 to 499 acres .....farms	65	68	62	12	17	61
acres harvested	19,313	17,943	19,072	1,949	2,865	9,020
500 to 999 acres .....farms	68	53	48	6	8	22
acres harvested	37,431	31,414	30,528	2,418	1,812	6,411
1,000 to 1,999 acres .....farms	35	41	22	3	2	13
acres harvested	41,225	51,462	27,763	2,022	(D)	7,235
2,000 acres or more .....farms	24	15	15	-	1	-
acres harvested	78,636	40,911	61,812	-	(D)	-
2012 size of farm:						
1 to 9 acres .....farms	28	30	19	19	11	1
acres harvested	86	101	72	50	17	(D)
10 to 49 acres .....farms	226	182	181	48	64	59
acres harvested	3,294	2,380	2,417	555	941	856
50 to 69 acres .....farms	47	74	76	37	19	19
acres harvested	1,619	2,132	2,579	1,013	(D)	(D)
70 to 99 acres .....farms	90	102	39	21	34	32
acres harvested	3,631	3,837	1,400	486	1,017	1,227
100 to 139 acres .....farms	63	81	42	15	25	36
acres harvested	3,484	4,872	2,383	556	1,177	1,770
140 to 179 acres .....farms	47	54	36	14	20	25
acres harvested	5,138	4,472	3,437	758	1,683	2,242
180 to 219 acres .....farms	31	27	25	10	15	28
acres harvested	4,089	3,693	2,963	860	1,094	3,246
220 to 259 acres .....farms	15	25	15	13	11	17
acres harvested	2,725	4,187	2,763	1,280	1,103	1,765
260 to 499 acres .....farms	79	81	64	19	22	49
acres harvested	21,606	21,642	18,453	3,235	1,733	8,608
500 to 999 acres .....farms	58	57	37	9	10	29
acres harvested	35,386	35,011	21,620	4,198	2,646	13,413
1,000 to 1,999 acres .....farms	32	34	25	2	3	16
acres harvested	39,306	40,065	29,026	(D)	2,939	11,786
2,000 acres or more .....farms	20	16	15	1	1	1
acres harvested	60,980	41,530	52,295	(D)	(D)	(D)
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres .....farms	115	147	154	59	74	34
acres	635	577	727	179	257	(D)
10 to 19 acres .....farms	61	103	89	28	14	37
acres	823	1,337	1,203	350	190	478
20 to 29 acres .....farms	49	72	45	26	22	29
acres	1,098	1,643	990	590	487	642
30 to 49 acres .....farms	57	73	36	11	29	46
acres	2,100	2,679	1,354	436	1,125	1,744
50 to 99 acres .....farms	79	73	67	28	41	59
acres	5,161	4,907	4,696	1,827	2,625	3,899
100 to 199 acres .....farms	32	80	39	8	27	53
acres	4,634	11,639	5,005	1,045	3,754	7,014
200 to 499 acres .....farms	89	71	68	10	10	25
acres	29,128	22,875	22,538	3,026	2,506	7,842
500 to 999 acres .....farms	54	47	44	4	1	11
acres	37,115	32,048	30,134	2,750	(D)	7,939
1,000 acres or more .....farms	48	48	35	-	2	1
acres	110,920	85,828	87,804	-	(D)	(D)
2012 acres harvested:						
1 to 9 acres .....farms	120	124	103	66	48	32
acres	599	567	472	(D)	167	96
10 to 19 acres .....farms	91	110	88	22	32	32
acres	1,171	1,470	1,130	286	405	406
20 to 29 acres .....farms	92	72	66	21	26	26
acres	2,114	1,734	1,568	514	582	549
30 to 49 acres .....farms	97	87	50	26	46	41
acres	3,651	3,232	1,866	1,020	1,728	1,579
50 to 99 acres .....farms	77	113	82	41	44	55
acres	5,348	7,822	5,438	2,682	2,764	3,982
100 to 199 acres .....farms	74	73	46	14	24	59
acres	10,874	10,130	6,848	1,976	3,037	7,650
200 to 499 acres .....farms	87	91	73	10	11	39
acres	26,722	28,091	23,542	3,444	2,843	12,227
500 to 999 acres .....farms	52	51	30	6	2	24
acres	35,693	35,060	20,704	3,515	(D)	15,915
1,000 acres or more .....farms	46	42	36	2	2	4
acres	95,172	75,816	77,840	(D)	(D)	4,200

--continued

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Farms number, 2017	277	747	13	181	111	733
..... 2012	319	803	22	213	129	844
..... acres harvested, 2017	24,957	186,551	(D)	21,424	5,514	168,296
..... 2012	25,356	194,099	659	28,864	12,416	166,769
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres farms	8	36	-	11	7	47
..... acres harvested	18	134	-	(D)	(D)	135
10 to 49 acres farms	75	232	4	29	18	193
..... acres harvested	1,107	2,537	55	440	125	2,682
50 to 69 acres farms	28	59	-	24	11	79
..... acres harvested	(D)	1,943	-	823	314	2,657
70 to 99 acres farms	48	87	5	17	12	69
..... acres harvested	1,830	4,357	73	429	312	2,587
100 to 139 acres farms	35	73	1	16	24	65
..... acres harvested	2,044	6,516	(D)	391	1,301	5,172
140 to 179 acres farms	25	32	-	7	6	33
..... acres harvested	1,747	3,453	-	338	128	3,499
180 to 219 acres farms	7	26	-	11	11	23
..... acres harvested	618	4,007	-	837	272	3,012
220 to 259 acres farms	11	25	-	8	3	20
..... acres harvested	1,109	3,865	-	794	450	4,194
260 to 499 acres farms	25	59	3	24	13	89
..... acres harvested	4,133	15,928	95	2,991	1,221	25,540
500 to 999 acres farms	6	58	-	21	4	67
..... acres harvested	2,686	34,666	-	5,598	976	41,142
1,000 to 1,999 acres farms	8	40	-	12	2	36
..... acres harvested	7,065	47,432	-	8,180	(D)	44,985
2,000 acres or more farms	1	20	-	1	-	12
..... acres harvested	(D)	61,713	-	(D)	-	32,691
2012 size of farm:						
1 to 9 acres farms	10	45	5	6	5	41
..... acres harvested	(D)	138	(D)	(D)	7	155
10 to 49 acres farms	101	258	5	35	25	236
..... acres harvested	1,633	3,765	71	707	(D)	3,523
50 to 69 acres farms	37	55	3	19	13	71
..... acres harvested	1,194	2,129	110	689	336	2,167
70 to 99 acres farms	49	88	4	22	14	87
..... acres harvested	1,764	4,443	115	708	449	3,685
100 to 139 acres farms	37	86	3	17	18	88
..... acres harvested	2,060	7,339	272	761	857	6,174
140 to 179 acres farms	25	45	-	16	11	56
..... acres harvested	1,721	5,799	-	1,055	656	5,338
180 to 219 acres farms	15	36	-	17	4	39
..... acres harvested	1,425	5,463	-	1,040	466	5,384
220 to 259 acres farms	9	17	-	2	11	18
..... acres harvested	(D)	3,073	-	(D)	1,436	2,886
260 to 499 acres farms	17	60	2	34	16	85
..... acres harvested	3,135	17,305	(D)	4,661	3,562	23,391
500 to 999 acres farms	10	58	-	31	11	78
..... acres harvested	3,458	34,395	-	10,233	3,857	46,467
1,000 to 1,999 acres farms	7	36	-	14	1	35
..... acres harvested	5,975	44,185	-	8,794	(D)	40,011
2,000 acres or more farms	2	19	-	-	-	10
..... acres harvested	(D)	66,065	-	-	-	27,588
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres farms	45	187	3	27	37	145
..... acres	163	883	15	(D)	(D)	661
10 to 19 acres farms	27	77	5	32	18	91
..... acres	335	949	70	378	197	1,241
20 to 29 acres farms	54	39	1	22	11	51
..... acres	1,268	864	(D)	470	256	1,189
30 to 49 acres farms	48	58	3	24	12	74
..... acres	1,801	2,222	(D)	886	450	2,738
50 to 99 acres farms	50	115	1	26	18	86
..... acres	3,280	8,074	(D)	1,824	1,270	5,621
100 to 199 acres farms	29	89	-	17	10	74
..... acres	3,710	11,687	-	2,247	1,425	9,954
200 to 499 acres farms	13	83	-	20	4	111
..... acres	3,835	25,092	-	5,556	1,121	33,570
500 to 999 acres farms	5	47	-	11	1	62
..... acres	3,019	33,343	-	7,668	(D)	43,748
1,000 acres or more farms	6	52	-	2	-	39
..... acres	7,546	103,437	-	(D)	-	69,574
2012 acres harvested:						
1 to 9 acres farms	55	166	6	26	18	119
..... acres	311	760	12	(D)	59	573
10 to 19 acres farms	51	94	3	13	18	137
..... acres	716	1,237	35	173	234	1,769
20 to 29 acres farms	45	51	2	33	6	71
..... acres	1,074	1,186	(D)	711	139	1,645
30 to 49 acres farms	59	85	8	27	32	97
..... acres	2,158	3,243	295	953	1,164	3,504
50 to 99 acres farms	60	117	1	33	13	123
..... acres	4,100	8,471	(D)	2,175	822	8,431
100 to 199 acres farms	22	113	2	38	25	95
..... acres	2,725	15,921	(D)	4,932	3,601	13,340
200 to 499 acres farms	17	80	-	25	13	105
..... acres	4,941	24,825	-	7,532	4,059	33,928
500 to 999 acres farms	7	50	-	17	4	65
..... acres	5,103	34,863	-	11,253	2,338	46,863
1,000 acres or more farms	3	47	-	-	-	32
..... acres	4,228	103,593	-	(D)	-	56,716

--continued

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Farms number, 2017	238	581	344	36	394	634
..... number, 2012	218	629	370	44	400	602
..... acres harvested, 2017	12,896	96,854	29,550	1,299	29,997	259,408
..... acres harvested, 2012	14,399	94,975	31,246	1,891	31,762	243,764
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres farms	20	37	10	-	76	35
..... acres harvested	(D)	71	25	-	(D)	133
10 to 49 acres farms	83	246	97	17	126	153
..... acres harvested	699	3,329	1,629	304	1,409	3,108
50 to 69 acres farms	8	55	47	3	33	24
..... acres harvested	261	1,801	(D)	14	894	879
70 to 99 acres farms	30	60	52	6	48	90
..... acres harvested	769	2,909	1,861	200	2,090	4,843
100 to 139 acres farms	21	36	44	2	31	32
..... acres harvested	1,215	2,369	2,117	(D)	2,251	2,635
140 to 179 acres farms	18	28	26	4	14	31
..... acres harvested	1,109	3,102	1,664	292	1,182	3,850
180 to 219 acres farms	21	20	12	1	22	30
..... acres harvested	1,515	3,028	1,314	(D)	2,711	4,702
220 to 259 acres farms	7	11	14	1	1	14
..... acres harvested	704	1,859	2,031	(D)	(D)	2,006
260 to 499 acres farms	21	33	28	1	17	81
..... acres harvested	3,702	7,985	6,131	(D)	3,529	24,657
500 to 999 acres farms	6	27	7	-	22	65
..... acres harvested	1,185	16,964	3,328	-	11,263	41,964
1,000 to 1,999 acres farms	3	16	6	1	3	42
..... acres harvested	(D)	19,319	5,377	(D)	3,372	49,779
2,000 acres or more farms	-	12	1	-	1	37
..... acres harvested	-	34,118	(D)	-	(D)	120,852
2012 size of farm:						
1 to 9 acres farms	14	40	3	-	50	8
..... acres harvested	25	152	14	-	132	27
10 to 49 acres farms	44	275	115	11	145	125
..... acres harvested	550	3,971	2,094	166	1,808	2,266
50 to 69 acres farms	15	63	39	11	38	32
..... acres harvested	576	1,721	(D)	243	1,014	1,113
70 to 99 acres farms	27	58	54	5	50	92
..... acres harvested	914	2,577	2,328	128	2,029	4,952
100 to 139 acres farms	19	41	62	4	29	41
..... acres harvested	791	2,917	3,866	179	1,968	3,083
140 to 179 acres farms	27	34	31	5	17	48
..... acres harvested	1,306	2,751	3,037	380	1,884	5,929
180 to 219 acres farms	22	32	19	-	14	16
..... acres harvested	1,691	4,687	2,086	-	2,008	2,379
220 to 259 acres farms	14	8	14	3	9	20
..... acres harvested	1,047	1,649	1,307	300	(D)	4,417
260 to 499 acres farms	26	27	18	5	32	69
..... acres harvested	4,306	7,788	2,386	495	7,549	21,075
500 to 999 acres farms	7	23	10	-	11	74
..... acres harvested	1,618	15,020	4,359	-	6,643	42,191
1,000 to 1,999 acres farms	3	15	2	-	3	42
..... acres harvested	1,575	18,251	(D)	-	2,670	52,165
2,000 acres or more farms	-	13	3	-	2	35
..... acres harvested	-	33,491	6,417	-	(D)	104,167
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres farms	88	140	39	9	149	75
..... acres	(D)	528	138	(D)	477	363
10 to 19 acres farms	31	107	56	6	58	57
..... acres	427	1,395	693	85	761	737
20 to 29 acres farms	25	68	73	7	23	41
..... acres	592	1,514	1,708	156	520	971
30 to 49 acres farms	22	63	56	4	39	65
..... acres	846	2,346	2,051	144	1,481	2,396
50 to 99 acres farms	35	63	58	7	54	98
..... acres	2,374	4,311	3,674	410	3,659	6,648
100 to 199 acres farms	20	52	30	2	37	79
..... acres	2,526	7,256	4,445	(D)	5,099	11,250
200 to 499 acres farms	15	37	20	1	17	90
..... acres	4,206	10,977	5,686	(D)	5,063	31,012
500 to 999 acres farms	2	25	9	-	14	60
..... acres	(D)	16,591	5,533	-	9,565	42,240
1,000 acres or more farms	-	26	3	-	3	69
..... acres	-	51,936	5,622	-	3,372	163,791
2012 acres harvested:						
1 to 9 acres farms	38	137	31	10	135	43
..... acres	103	647	167	25	510	211
10 to 19 acres farms	32	153	66	5	56	61
..... acres	382	2,047	926	(D)	734	842
20 to 29 acres farms	16	55	54	9	31	50
..... acres	357	1,281	1,257	210	699	1,191
30 to 49 acres farms	40	86	65	7	43	57
..... acres	1,490	3,175	2,356	259	1,685	2,160
50 to 99 acres farms	53	64	92	7	61	85
..... acres	3,702	4,453	6,395	501	4,209	5,844
100 to 199 acres farms	26	51	44	4	36	81
..... acres	3,666	7,199	6,042	420	5,198	11,226
200 to 499 acres farms	10	35	8	2	26	97
..... acres	2,532	10,436	2,157	(D)	7,961	32,815
500 to 999 acres farms	3	25	5	-	8	60
..... acres	2,167	17,606	3,310	-	5,630	40,075
1,000 acres or more farms	-	23	5	-	4	68
..... acres	-	48,131	8,636	-	5,136	149,400

--continued

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Farms number, 2017	777	147	850	664	712	173
..... 2012	873	126	840	704	801	214
..... acres harvested, 2017	191,068	9,740	430,557	144,920	187,157	19,239
..... 2012	180,038	8,179	383,119	160,120	192,033	20,816
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres farms	66	19	50	52	44	11
..... acres harvested	218	(D)	152	106	100	23
10 to 49 acres farms	239	28	111	284	211	60
..... acres harvested	3,339	146	1,847	3,047	3,240	902
50 to 69 acres farms	78	7	39	49	46	11
..... acres harvested	2,589	44	1,641	1,035	1,260	357
70 to 99 acres farms	69	24	44	57	78	18
..... acres harvested	2,774	684	2,027	2,549	3,638	787
100 to 139 acres farms	48	15	65	39	50	10
..... acres harvested	3,638	818	5,700	3,057	4,247	(D)
140 to 179 acres farms	37	9	54	12	33	12
..... acres harvested	2,828	625	6,665	1,191	3,247	1,086
180 to 219 acres farms	22	11	45	21	40	7
..... acres harvested	3,775	758	7,828	2,819	5,875	521
220 to 259 acres farms	27	13	20	19	25	11
..... acres harvested	4,911	2,091	3,986	2,919	4,662	1,352
260 to 499 acres farms	59	16	166	63	62	19
..... acres harvested	16,492	2,016	54,744	18,513	17,788	4,963
500 to 999 acres farms	63	4	96	28	70	12
..... acres harvested	40,236	1,143	59,786	19,989	41,034	6,533
1,000 to 1,999 acres farms	51	1	120	20	37	2
..... acres harvested	63,117	(D)	144,822	26,001	46,158	(D)
2,000 acres or more farms	18	-	40	20	16	-
..... acres harvested	47,151	-	141,359	63,694	55,908	-
2012 size of farm:						
1 to 9 acres farms	27	3	32	46	31	13
..... acres harvested	111	3	106	131	93	34
10 to 49 acres farms	304	27	131	282	239	69
..... acres harvested	4,182	257	2,118	3,989	3,423	1,017
50 to 69 acres farms	112	9	37	65	52	11
..... acres harvested	3,727	(D)	1,521	1,519	1,676	(D)
70 to 99 acres farms	100	15	52	63	80	27
..... acres harvested	4,279	452	3,242	3,282	3,835	906
100 to 139 acres farms	60	19	71	43	70	25
..... acres harvested	4,266	648	6,421	3,847	5,261	1,317
140 to 179 acres farms	45	17	35	26	52	13
..... acres harvested	3,948	882	4,765	2,685	6,362	861
180 to 219 acres farms	20	6	52	17	37	12
..... acres harvested	2,858	198	8,504	1,831	5,565	1,268
220 to 259 acres farms	17	8	30	16	42	6
..... acres harvested	2,838	394	5,994	2,203	7,512	938
260 to 499 acres farms	69	15	147	67	71	23
..... acres harvested	18,939	1,690	47,805	18,260	20,315	5,448
500 to 999 acres farms	56	5	124	31	74	13
..... acres harvested	32,885	1,830	76,573	21,207	45,671	6,555
1,000 to 1,999 acres farms	45	2	95	28	40	2
..... acres harvested	53,830	(D)	115,749	34,328	50,483	(D)
2,000 acres or more farms	18	-	34	20	13	-
..... acres harvested	48,175	-	110,321	66,838	41,837	-
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres farms	173	63	101	239	138	39
..... acres	770	(D)	360	1,075	578	(D)
10 to 19 acres farms	111	4	53	93	93	24
..... acres	1,462	53	685	1,252	1,250	349
20 to 29 acres farms	67	10	29	46	55	15
..... acres	1,564	220	669	1,055	1,285	371
30 to 49 acres farms	82	17	38	49	65	24
..... acres	3,043	633	1,445	1,865	2,412	905
50 to 99 acres farms	80	21	70	66	86	27
..... acres	5,336	1,482	4,810	4,734	6,257	1,932
100 to 199 acres farms	70	19	114	40	82	18
..... acres	10,127	2,749	15,800	5,675	11,840	2,524
200 to 499 acres farms	78	11	208	67	98	14
..... acres	24,341	2,505	68,355	20,967	32,455	4,492
500 to 999 acres farms	59	1	102	25	48	11
..... acres	43,273	(D)	74,726	18,634	34,749	7,023
1,000 acres or more farms	57	1	135	39	47	1
..... acres	101,152	(D)	263,707	89,663	96,331	(D)
2012 acres harvested:						
1 to 9 acres farms	166	33	71	180	117	43
..... acres	863	93	274	732	570	(D)
10 to 19 acres farms	142	21	64	118	117	31
..... acres	1,891	274	801	1,534	1,503	392
20 to 29 acres farms	90	15	29	62	72	27
..... acres	2,022	(D)	672	1,474	1,657	619
30 to 49 acres farms	114	15	48	63	68	33
..... acres	4,431	543	1,809	2,327	2,595	1,231
50 to 99 acres farms	111	22	91	81	108	29
..... acres	7,491	1,516	6,632	5,514	7,570	2,051
100 to 199 acres farms	72	10	119	62	112	19
..... acres	10,117	1,181	17,086	8,342	16,245	2,678
200 to 499 acres farms	75	9	193	65	95	24
..... acres	24,904	3,093	64,280	20,517	30,163	7,412
500 to 999 acres farms	52	-	114	28	64	7
..... acres	36,209	-	80,807	21,153	43,906	4,915
1,000 acres or more farms	51	1	111	45	48	1
..... acres	92,110	(D)	210,758	98,527	87,824	(D)

--continued

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Farms .....number, 2017	107	734	668	513	133	740
.....2012	94	653	724	533	122	801
.....acres harvested, 2017	8,251	158,504	114,362	106,116	9,343	114,998
.....2012	7,488	135,682	125,392	108,770	8,695	113,271
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres .....farms	4	11	65	87	9	99
.....acres harvested	32	33	246	223	38	246
10 to 49 acres .....farms	24	190	214	187	31	228
.....acres harvested	215	2,699	2,611	2,091	362	2,642
50 to 69 acres .....farms	13	51	77	29	8	67
.....acres harvested	352	1,312	2,471	896	206	2,040
70 to 99 acres .....farms	18	82	55	40	21	63
.....acres harvested	423	3,590	2,408	1,647	817	3,034
100 to 139 acres .....farms	7	103	68	35	17	65
.....acres harvested	428	7,834	3,699	1,803	698	3,757
140 to 179 acres .....farms	7	59	21	11	13	40
.....acres harvested	298	5,566	1,637	1,029	748	3,296
180 to 219 acres .....farms	4	27	21	16	7	30
.....acres harvested	86	3,821	2,817	2,331	316	4,190
220 to 259 acres .....farms	7	29	17	13	7	19
.....acres harvested	684	4,354	2,684	2,001	456	2,974
260 to 499 acres .....farms	13	93	49	37	17	55
.....acres harvested	2,415	25,388	13,166	10,299	2,571	11,577
500 to 999 acres .....farms	7	54	45	22	-	39
.....acres harvested	2,392	30,770	23,572	13,240	-	23,771
1,000 to 1,999 acres .....farms	2	25	26	24	3	26
.....acres harvested	(D)	33,814	27,881	27,210	3,131	29,028
2,000 acres or more .....farms	1	10	10	12	-	9
.....acres harvested	(D)	39,323	31,170	43,346	-	28,443
2012 size of farm:						
1 to 9 acres .....farms	-	19	38	49	6	72
.....acres harvested	-	63	109	154	16	174
10 to 49 acres .....farms	21	161	244	200	32	256
.....acres harvested	329	2,608	3,658	2,494	499	3,404
50 to 69 acres .....farms	5	51	79	53	13	82
.....acres harvested	206	1,967	2,170	1,764	315	2,540
70 to 99 acres .....farms	18	90	71	42	24	81
.....acres harvested	624	3,492	2,797	1,839	509	3,921
100 to 139 acres .....farms	11	82	63	38	15	78
.....acres harvested	475	4,770	3,661	2,391	438	6,175
140 to 179 acres .....farms	6	46	29	29	6	57
.....acres harvested	178	4,910	2,294	2,527	379	5,747
180 to 219 acres .....farms	5	28	31	12	4	25
.....acres harvested	240	4,250	3,964	1,709	252	4,051
220 to 259 acres .....farms	8	28	30	14	7	27
.....acres harvested	772	3,412	5,120	2,896	323	4,684
260 to 499 acres .....farms	13	67	56	34	8	70
.....acres harvested	2,436	18,601	14,511	9,710	1,447	16,640
500 to 999 acres .....farms	4	50	45	28	4	26
.....acres harvested	1,088	28,084	26,247	16,388	1,360	14,457
1,000 to 1,999 acres .....farms	2	24	27	21	3	17
.....acres harvested	(D)	30,995	30,190	23,133	3,157	18,812
2,000 acres or more .....farms	1	7	11	13	-	10
.....acres harvested	(D)	32,530	30,671	43,765	-	32,666
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres .....farms	34	113	190	199	34	223
.....acres	184	520	891	750	(D)	836
10 to 19 acres .....farms	14	89	107	63	9	122
.....acres	161	1,124	1,409	775	125	1,640
20 to 29 acres .....farms	6	66	59	35	22	49
.....acres	134	1,583	1,338	808	470	1,073
30 to 49 acres .....farms	11	67	64	43	26	69
.....acres	415	2,488	2,477	1,545	1,006	2,472
50 to 99 acres .....farms	14	119	75	47	24	87
.....acres	870	8,228	5,033	3,118	1,840	5,944
100 to 199 acres .....farms	12	110	49	36	11	73
.....acres	1,471	15,270	6,935	5,172	1,817	9,889
200 to 499 acres .....farms	16	102	64	39	4	51
.....acres	5,016	32,933	20,640	13,044	(D)	14,657
500 to 999 acres .....farms	-	37	35	21	1	41
.....acres	-	25,368	23,790	15,209	(D)	28,389
1,000 acres or more .....farms	-	31	25	30	2	25
.....acres	-	70,990	51,849	65,695	(D)	50,098
2012 acres harvested:						
1 to 9 acres .....farms	13	75	126	153	38	198
.....acres	42	326	546	662	131	783
10 to 19 acres .....farms	10	96	157	84	8	107
.....acres	138	1,292	2,157	1,074	108	1,421
20 to 29 acres .....farms	15	62	65	47	20	81
.....acres	(D)	1,467	1,483	1,077	(D)	1,829
30 to 49 acres .....farms	19	90	95	54	27	86
.....acres	734	3,371	3,568	1,986	959	3,357
50 to 99 acres .....farms	18	106	80	56	16	102
.....acres	1,261	7,245	5,539	3,744	1,031	7,173
100 to 199 acres .....farms	6	83	64	41	3	118
.....acres	914	12,144	8,939	5,596	(D)	16,561
200 to 499 acres .....farms	12	80	71	46	5	66
.....acres	3,420	26,309	21,517	14,872	1,331	20,074
500 to 999 acres .....farms	1	34	38	27	4	20
.....acres	(D)	23,076	26,997	19,574	3,112	13,774
1,000 acres or more .....farms	-	27	28	25	1	23
.....acres	-	60,452	54,646	60,185	(D)	48,299

--continued

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Farms number, 2017	6	121	730	374	955	479
..... 2012	-	139	818	428	965	477
..... acres harvested, 2017	30	8,701	120,062	23,968	322,729	59,573
..... 2012	-	9,947	126,307	26,427	266,099	58,135
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres farms	-	3	42	45	91	66
..... acres harvested	-	5	90	81	278	155
10 to 49 acres farms	6	33	259	119	233	167
..... acres harvested	30	390	3,502	1,218	3,659	1,668
50 to 69 acres farms	-	7	73	31	68	40
..... acres harvested	-	309	2,077	(D)	2,887	978
70 to 99 acres farms	-	22	78	53	88	51
..... acres harvested	-	652	4,010	1,295	3,888	1,799
100 to 139 acres farms	-	22	59	29	85	32
..... acres harvested	-	1,195	4,007	1,549	7,509	2,315
140 to 179 acres farms	-	16	29	28	41	20
..... acres harvested	-	1,056	2,948	1,824	4,922	1,493
180 to 219 acres farms	-	3	25	18	26	14
..... acres harvested	-	(D)	3,038	1,869	3,613	1,327
220 to 259 acres farms	-	2	14	12	18	12
..... acres harvested	-	(D)	2,501	1,334	3,660	1,506
260 to 499 acres farms	-	6	72	27	88	36
..... acres harvested	-	1,349	18,869	5,138	27,864	8,822
500 to 999 acres farms	-	5	45	8	113	22
..... acres harvested	-	2,317	24,864	4,331	72,447	12,045
1,000 to 1,999 acres farms	-	2	22	3	67	16
..... acres harvested	-	(D)	26,083	1,968	83,875	18,839
2,000 acres or more farms	-	-	12	1	37	3
..... acres harvested	-	-	28,073	(D)	108,127	8,626
2012 size of farm:						
1 to 9 acres farms	-	9	32	33	53	25
..... acres harvested	-	36	108	90	209	75
10 to 49 acres farms	-	34	320	118	297	180
..... acres harvested	-	472	4,352	1,286	4,644	2,189
50 to 69 acres farms	-	10	73	44	77	49
..... acres harvested	-	319	2,286	(D)	3,286	1,352
70 to 99 acres farms	-	25	89	60	103	53
..... acres harvested	-	928	3,921	2,018	5,596	2,287
100 to 139 acres farms	-	20	61	63	85	43
..... acres harvested	-	904	4,527	2,867	6,789	2,907
140 to 179 acres farms	-	14	38	25	41	20
..... acres harvested	-	620	3,911	1,393	4,820	1,627
180 to 219 acres farms	-	4	33	25	27	23
..... acres harvested	-	(D)	4,218	2,650	3,882	2,436
220 to 259 acres farms	-	1	18	26	24	14
..... acres harvested	-	(D)	3,005	2,877	4,317	2,032
260 to 499 acres farms	-	13	77	21	72	36
..... acres harvested	-	1,441	20,234	4,058	21,106	8,232
500 to 999 acres farms	-	8	36	8	103	19
..... acres harvested	-	4,155	19,882	4,059	66,005	11,157
1,000 to 1,999 acres farms	-	1	32	4	56	11
..... acres harvested	-	(D)	38,283	2,399	70,503	12,762
2,000 acres or more farms	-	-	9	1	27	4
..... acres harvested	-	-	21,580	(D)	74,942	11,079
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres farms	6	19	161	140	198	171
..... acres	30	63	700	(D)	822	615
10 to 19 acres farms	-	19	135	50	82	90
..... acres	-	285	1,716	661	1,083	1,183
20 to 29 acres farms	-	21	51	33	51	23
..... acres	-	471	1,139	744	1,216	539
30 to 49 acres farms	-	22	81	47	111	45
..... acres	-	870	2,929	1,784	4,182	1,609
50 to 99 acres farms	-	23	100	46	106	48
..... acres	-	1,531	6,954	3,223	7,608	3,323
100 to 199 acres farms	-	5	67	32	106	38
..... acres	-	585	9,114	4,241	14,456	5,188
200 to 499 acres farms	-	9	71	18	106	32
..... acres	-	2,706	21,873	5,124	37,384	10,256
500 to 999 acres farms	-	3	35	7	98	15
..... acres	-	2,190	24,142	4,949	69,479	11,161
1,000 acres or more farms	-	-	29	1	97	17
..... acres	-	-	51,495	(D)	186,499	25,699
2012 acres harvested:						
1 to 9 acres farms	-	23	181	132	161	123
..... acres	-	104	846	(D)	811	522
10 to 19 acres farms	-	17	128	58	137	86
..... acres	-	215	1,696	802	1,800	1,169
20 to 29 acres farms	-	31	85	44	64	32
..... acres	-	741	1,933	1,046	1,484	726
30 to 49 acres farms	-	26	88	67	90	65
..... acres	-	967	3,155	2,429	3,362	2,391
50 to 99 acres farms	-	28	106	58	155	68
..... acres	-	1,734	7,339	3,969	10,700	4,891
100 to 199 acres farms	-	3	90	47	100	43
..... acres	-	420	12,278	6,319	13,943	5,695
200 to 499 acres farms	-	5	76	14	93	28
..... acres	-	1,446	22,558	4,128	30,320	8,425
500 to 999 acres farms	-	6	33	6	89	20
..... acres	-	4,320	23,559	4,134	64,058	12,961
1,000 acres or more farms	-	-	31	2	76	12
..... acres	-	-	52,943	(D)	139,621	21,355

--continued

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Farms number, 2017	38	82	325	211	118	356
..... number, 2012	28	75	394	234	95	328
..... acres harvested, 2017	(D)	10,347	61,906	13,199	9,427	51,987
..... acres harvested, 2012	4,132	9,477	55,231	13,642	7,874	48,851
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres farms	10	2	27	4	27	40
..... acres harvested	10	(D)	59	4	(D)	87
10 to 49 acres farms	6	25	128	55	30	90
..... acres harvested	134	290	1,617	630	256	1,437
50 to 69 acres farms	1	9	17	23	4	26
..... acres harvested	(D)	350	860	(D)	72	632
70 to 99 acres farms	3	11	16	31	7	35
..... acres harvested	173	269	1,037	921	125	1,184
100 to 139 acres farms	2	5	21	31	10	32
..... acres harvested	(D)	245	1,682	928	535	1,559
140 to 179 acres farms	-	2	8	14	8	23
..... acres harvested	-	(D)	(D)	902	390	1,873
180 to 219 acres farms	-	3	18	12	6	12
..... acres harvested	-	220	2,999	934	358	1,090
220 to 259 acres farms	-	2	10	5	1	17
..... acres harvested	-	(D)	1,877	668	(D)	2,715
260 to 499 acres farms	9	10	35	25	11	39
..... acres harvested	1,450	983	9,054	3,855	1,900	6,021
500 to 999 acres farms	6	6	26	8	9	29
..... acres harvested	551	1,449	17,579	2,000	2,820	15,637
1,000 to 1,999 acres farms	1	5	17	2	5	10
..... acres harvested	(D)	4,055	20,098	(D)	2,840	13,006
2,000 acres or more farms	-	2	2	1	-	3
..... acres harvested	-	(D)	(D)	(D)	-	6,746
2012 size of farm:						
1 to 9 acres farms	4	-	33	7	3	8
..... acres harvested	4	-	109	17	6	19
10 to 49 acres farms	2	17	167	66	25	86
..... acres harvested	(D)	183	2,358	866	225	1,543
50 to 69 acres farms	2	-	24	17	3	25
..... acres harvested	(D)	-	918	(D)	15	627
70 to 99 acres farms	5	20	35	44	9	48
..... acres harvested	172	871	1,857	1,466	219	1,886
100 to 139 acres farms	2	3	27	23	15	36
..... acres harvested	(D)	265	2,349	1,146	969	1,954
140 to 179 acres farms	2	10	13	21	11	27
..... acres harvested	(D)	534	1,667	1,426	509	2,179
180 to 219 acres farms	-	4	7	18	9	14
..... acres harvested	-	604	1,176	1,228	392	781
220 to 259 acres farms	1	1	12	10	2	16
..... acres harvested	(D)	(D)	2,475	796	(D)	2,760
260 to 499 acres farms	4	8	44	20	9	33
..... acres harvested	796	1,664	12,248	3,109	1,076	5,599
500 to 999 acres farms	4	8	19	4	6	18
..... acres harvested	1,336	1,967	12,081	1,242	1,821	8,920
1,000 to 1,999 acres farms	1	2	10	3	2	13
..... acres harvested	(D)	(D)	11,443	(D)	(D)	13,679
2,000 acres or more farms	1	2	3	1	1	4
..... acres harvested	(D)	(D)	6,550	(D)	(D)	8,904
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres farms	14	17	85	60	53	90
..... acres	(D)	(D)	351	177	124	280
10 to 19 acres farms	2	9	36	36	9	45
..... acres	(D)	102	473	464	114	659
20 to 29 acres farms	7	18	38	31	6	30
..... acres	163	407	854	692	121	683
30 to 49 acres farms	2	7	13	19	9	55
..... acres	(D)	250	492	693	343	1,983
50 to 99 acres farms	3	10	35	32	21	35
..... acres	189	590	2,283	2,200	1,404	2,221
100 to 199 acres farms	5	5	38	18	6	39
..... acres	560	739	5,492	2,461	840	5,407
200 to 499 acres farms	5	10	38	12	11	31
..... acres	1,725	2,595	11,435	3,701	4,081	9,171
500 to 999 acres farms	-	5	29	2	3	20
..... acres	-	4,055	22,098	(D)	2,400	13,726
1,000 acres or more farms	-	1	13	1	-	11
..... acres	-	(D)	18,428	(D)	-	17,857
2012 acres harvested:						
1 to 9 acres farms	7	9	103	48	34	46
..... acres	19	33	406	179	136	204
10 to 19 acres farms	-	10	70	37	3	28
..... acres	-	104	962	485	37	370
20 to 29 acres farms	4	-	34	43	5	46
..... acres	(D)	-	802	978	102	1,081
30 to 49 acres farms	3	12	29	32	20	61
..... acres	132	411	1,055	1,176	702	2,236
50 to 99 acres farms	2	17	45	35	15	58
..... acres	(D)	1,000	3,267	2,368	1,106	3,874
100 to 199 acres farms	4	10	34	25	10	38
..... acres	490	1,180	4,905	3,028	1,164	5,428
200 to 499 acres farms	7	13	50	11	5	25
..... acres	2,419	3,562	15,133	2,940	1,951	7,677
500 to 999 acres farms	1	4	18	2	2	14
..... acres	(D)	3,187	12,346	(D)	(D)	9,366
1,000 acres or more farms	-	-	11	1	1	12
..... acres	-	-	16,355	(D)	(D)	18,615

--continued

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Farms number, 2017	536	264	360	289	822	693
..... 2012	564	305	366	343	907	815
..... acres harvested, 2017	67,217	38,250	61,885	79,495	188,153	176,344
..... 2012	71,606	45,548	63,758	67,287	189,032	166,218
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres farms	17	11	25	16	85	27
..... acres harvested	42	12	72	34	269	86
10 to 49 acres farms	110	47	124	67	305	237
..... acres harvested	1,720	674	1,596	1,064	4,742	3,488
50 to 69 acres farms	57	19	27	26	34	40
..... acres harvested	1,564	410	1,183	873	1,471	1,239
70 to 99 acres farms	126	41	52	26	53	82
..... acres harvested	4,502	1,225	2,188	1,144	3,221	2,987
100 to 139 acres farms	71	20	28	23	52	64
..... acres harvested	3,620	1,269	2,166	1,636	4,983	3,290
140 to 179 acres farms	22	19	23	18	47	42
..... acres harvested	1,673	1,153	2,944	1,359	6,380	3,964
180 to 219 acres farms	27	19	19	17	27	19
..... acres harvested	2,469	1,604	2,763	1,593	4,580	2,231
220 to 259 acres farms	15	17	7	13	21	20
..... acres harvested	2,086	1,924	1,384	1,746	4,818	2,743
260 to 499 acres farms	60	37	17	20	82	71
..... acres harvested	11,836	6,210	4,099	3,406	28,375	18,872
500 to 999 acres farms	17	22	17	36	71	47
..... acres harvested	8,227	8,716	10,578	21,970	48,783	26,024
1,000 to 1,999 acres farms	9	8	15	19	33	26
..... acres harvested	9,960	6,498	17,646	17,810	43,001	32,330
2,000 acres or more farms	5	4	6	8	12	18
..... acres harvested	19,518	8,555	15,266	26,860	37,530	79,090
2012 size of farm:						
1 to 9 acres farms	10	9	24	19	80	21
..... acres harvested	30	19	75	63	312	68
10 to 49 acres farms	117	44	111	83	315	263
..... acres harvested	1,910	532	1,504	1,154	5,310	3,831
50 to 69 acres farms	67	21	32	35	78	70
..... acres harvested	2,190	506	711	909	3,352	1,693
70 to 99 acres farms	115	44	62	38	78	89
..... acres harvested	4,246	1,014	3,080	1,465	5,332	3,307
100 to 139 acres farms	70	31	28	26	62	93
..... acres harvested	3,641	1,447	1,956	1,815	5,700	6,006
140 to 179 acres farms	30	24	25	21	45	50
..... acres harvested	2,834	1,834	2,741	1,347	6,414	4,223
180 to 219 acres farms	37	23	14	13	33	39
..... acres harvested	3,535	2,204	2,175	1,600	6,086	4,610
220 to 259 acres farms	11	23	15	12	24	19
..... acres harvested	1,384	2,506	2,131	1,602	5,060	2,491
260 to 499 acres farms	63	48	17	50	67	66
..... acres harvested	11,991	7,567	5,780	10,526	21,334	14,027
500 to 999 acres farms	30	22	21	24	75	63
..... acres harvested	15,791	8,719	12,557	13,518	47,548	33,439
1,000 to 1,999 acres farms	10	12	9	17	41	24
..... acres harvested	9,407	10,665	11,397	18,940	53,635	26,926
2,000 acres or more farms	4	4	8	5	9	18
..... acres harvested	14,647	8,535	19,651	14,348	28,949	65,597
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres farms	74	44	79	38	196	103
..... acres	304	132	261	153	856	466
10 to 19 acres farms	82	32	55	41	106	124
..... acres	1,126	419	716	532	1,329	1,625
20 to 29 acres farms	70	23	51	24	61	107
..... acres	1,585	549	1,162	529	1,500	2,454
30 to 49 acres farms	98	36	20	44	61	72
..... acres	3,711	1,307	732	1,691	2,257	2,690
50 to 99 acres farms	103	41	53	40	85	77
..... acres	7,148	2,745	3,607	3,022	5,998	5,287
100 to 199 acres farms	44	52	42	32	95	63
..... acres	5,760	7,000	5,675	4,616	13,757	9,004
200 to 499 acres farms	42	15	26	20	109	73
..... acres	12,320	5,018	7,335	5,777	35,997	23,571
500 to 999 acres farms	11	15	14	32	68	38
..... acres	6,829	10,375	9,505	24,152	49,428	26,250
1,000 acres or more farms	12	6	20	18	41	36
..... acres	28,434	10,705	32,892	39,023	77,031	104,997
2012 acres harvested:						
1 to 9 acres farms	50	46	82	68	214	148
..... acres	239	184	328	329	1,074	753
10 to 19 acres farms	76	33	60	39	90	123
..... acres	990	436	825	508	1,113	1,621
20 to 29 acres farms	73	42	30	35	55	94
..... acres	1,652	998	660	735	1,321	2,115
30 to 49 acres farms	118	37	31	37	95	106
..... acres	4,526	1,448	1,127	1,276	3,603	3,841
50 to 99 acres farms	112	48	67	45	137	115
..... acres	7,320	3,277	4,869	2,687	9,654	8,150
100 to 199 acres farms	59	41	33	44	94	76
..... acres	8,198	6,013	4,566	5,984	13,807	10,468
200 to 499 acres farms	44	37	29	40	103	73
..... acres	13,623	10,592	9,002	12,502	30,806	22,401
500 to 999 acres farms	23	13	18	20	72	47
..... acres	14,674	8,667	12,294	14,008	47,520	30,847
1,000 acres or more farms	9	8	16	15	47	33
..... acres	20,384	13,933	30,087	29,258	80,134	86,022

--continued

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Farms number, 2017	118	329	620	318	425	229
..... number, 2012	114	339	670	291	475	214
..... acres harvested, 2017	13,634	39,560	86,982	14,321	78,595	43,589
..... acres harvested, 2012	13,194	45,591	76,076	16,542	77,364	36,702
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres farms	-	36	20	52	18	13
..... acres harvested	-	65	80	84	37	52
10 to 49 acres farms	37	136	219	140	114	42
..... acres harvested	550	1,580	2,660	1,412	1,625	728
50 to 69 acres farms	12	24	69	37	31	21
..... acres harvested	351	683	2,018	906	860	700
70 to 99 acres farms	25	32	71	38	53	29
..... acres harvested	1,112	1,111	2,364	1,027	1,743	1,062
100 to 139 acres farms	5	23	60	19	42	20
..... acres harvested	350	1,107	3,804	899	1,767	997
140 to 179 acres farms	10	15	38	10	27	15
..... acres harvested	569	1,491	3,507	1,205	2,899	1,361
180 to 219 acres farms	4	13	24	5	18	11
..... acres harvested	152	1,530	2,336	479	2,076	756
220 to 259 acres farms	5	11	23	4	8	9
..... acres harvested	931	1,775	3,158	739	944	1,576
260 to 499 acres farms	10	16	39	7	50	37
..... acres harvested	2,360	3,885	8,382	2,057	10,090	8,229
500 to 999 acres farms	7	12	29	3	37	18
..... acres harvested	2,625	6,346	16,177	1,958	18,072	10,928
1,000 to 1,999 acres farms	2	6	24	3	20	11
..... acres harvested	(D)	5,752	28,926	3,555	20,876	11,046
2,000 acres or more farms	1	5	4	-	7	3
..... acres harvested	(D)	14,235	13,570	-	17,606	6,154
2012 size of farm:						
1 to 9 acres farms	-	20	27	59	9	2
..... acres harvested	-	37	76	(D)	26	(D)
10 to 49 acres farms	20	135	217	118	143	38
..... acres harvested	339	1,750	3,193	1,295	2,324	482
50 to 69 acres farms	13	28	70	26	44	24
..... acres harvested	284	996	1,952	691	1,172	686
70 to 99 acres farms	19	37	80	37	66	29
..... acres harvested	676	1,840	2,955	1,337	2,734	1,046
100 to 139 acres farms	13	31	72	15	44	23
..... acres harvested	950	2,057	4,257	879	2,721	992
140 to 179 acres farms	17	14	60	8	24	21
..... acres harvested	1,528	1,084	6,138	938	1,740	1,742
180 to 219 acres farms	3	15	37	7	30	20
..... acres harvested	(D)	2,216	5,093	819	3,766	2,052
220 to 259 acres farms	4	8	19	1	17	5
..... acres harvested	353	1,133	2,741	(D)	2,012	(D)
260 to 499 acres farms	12	26	42	9	43	22
..... acres harvested	2,619	6,137	9,677	2,001	9,125	4,154
500 to 999 acres farms	11	17	27	7	31	16
..... acres harvested	3,413	9,069	13,119	3,914	15,291	8,805
1,000 to 1,999 acres farms	2	4	16	4	14	12
..... acres harvested	(D)	4,630	19,710	4,290	14,385	11,990
2,000 acres or more farms	-	4	3	-	10	2
..... acres harvested	-	14,642	7,165	-	22,068	(D)
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres farms	14	117	141	143	87	24
..... acres	51	430	719	369	314	96
10 to 19 acres farms	20	58	111	71	55	37
..... acres	260	735	1,500	988	725	512
20 to 29 acres farms	23	28	66	24	45	18
..... acres	540	647	1,550	566	1,065	393
30 to 49 acres farms	13	32	67	25	47	28
..... acres	505	1,163	2,517	922	1,790	1,029
50 to 99 acres farms	18	26	88	27	46	40
..... acres	1,130	1,702	5,917	1,727	3,017	2,765
100 to 199 acres farms	10	31	61	15	57	32
..... acres	1,385	3,927	7,722	1,980	7,734	4,886
200 to 499 acres farms	17	19	37	7	44	22
..... acres	5,129	5,696	11,041	2,256	14,288	7,215
500 to 999 acres farms	-	10	30	3	26	22
..... acres	-	8,023	21,244	1,958	18,053	16,433
1,000 acres or more farms	3	8	19	3	18	6
..... acres	4,634	17,237	34,772	3,555	31,609	10,260
2012 acres harvested:						
1 to 9 acres farms	14	78	116	130	66	23
..... acres	71	287	579	395	274	107
10 to 19 acres farms	11	58	109	45	83	26
..... acres	142	775	1,382	607	1,146	340
20 to 29 acres farms	12	28	89	26	49	28
..... acres	280	645	2,071	582	1,142	618
30 to 49 acres farms	24	55	90	33	64	32
..... acres	863	2,041	3,300	1,144	2,398	1,140
50 to 99 acres farms	23	43	103	21	73	34
..... acres	1,709	3,045	7,112	1,353	4,964	2,267
100 to 199 acres farms	12	30	84	18	60	27
..... acres	1,679	3,965	11,723	2,303	8,430	3,493
200 to 499 acres farms	14	28	46	10	44	20
..... acres	4,292	8,267	13,794	3,134	14,198	5,745
500 to 999 acres farms	2	12	18	5	19	16
..... acres	(D)	7,956	12,465	3,672	13,569	11,190
1,000 acres or more farms	2	7	15	3	17	8
..... acres	(D)	18,610	23,650	3,352	31,243	11,802

--continued

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Farms number, 2017	94	463	70	133	911	214
..... 2012	85	554	77	121	1,118	257
..... acres harvested, 2017	9,279	53,698	5,133	12,562	138,227	32,240
..... 2012	11,756	53,638	6,069	11,880	130,170	38,450
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres farms	-	11	2	10	111	4
..... acres harvested	-	19	(D)	16	333	4
10 to 49 acres farms	11	134	25	37	338	38
..... acres harvested	195	2,229	364	303	4,805	408
50 to 69 acres farms	9	23	5	10	97	20
..... acres harvested	(D)	624	(D)	468	3,195	805
70 to 99 acres farms	12	76	7	15	76	25
..... acres harvested	470	2,907	262	423	3,843	900
100 to 139 acres farms	9	48	8	11	82	32
..... acres harvested	610	2,857	434	769	6,387	1,352
140 to 179 acres farms	7	34	4	4	23	21
..... acres harvested	345	2,028	325	270	2,729	1,222
180 to 219 acres farms	7	24	5	9	44	17
..... acres harvested	384	2,453	687	809	5,907	1,198
220 to 259 acres farms	9	18	5	3	23	6
..... acres harvested	636	1,941	439	228	4,951	(D)
260 to 499 acres farms	18	65	6	16	46	23
..... acres harvested	2,999	12,281	1,105	2,107	13,298	3,403
500 to 999 acres farms	11	16	2	13	37	18
..... acres harvested	3,420	7,777	(D)	3,915	22,961	7,836
1,000 to 1,999 acres farms	1	8	1	5	25	9
..... acres harvested	(D)	8,334	(D)	3,254	33,413	11,970
2,000 acres or more farms	-	6	-	-	9	1
..... acres harvested	-	10,248	-	-	36,405	(D)
2012 size of farm:						
1 to 9 acres farms	-	8	-	5	133	3
..... acres harvested	-	23	-	21	381	9
10 to 49 acres farms	9	143	21	28	423	43
..... acres harvested	110	2,171	172	298	6,158	602
50 to 69 acres farms	3	64	9	3	130	27
..... acres harvested	90	(D)	322	(D)	4,462	572
70 to 99 acres farms	5	90	6	15	101	25
..... acres harvested	(D)	3,161	300	517	4,990	1,125
100 to 139 acres farms	6	50	10	16	89	39
..... acres harvested	271	2,696	515	850	6,889	1,979
140 to 179 acres farms	12	60	5	8	37	27
..... acres harvested	736	4,178	252	441	3,990	1,502
180 to 219 acres farms	4	28	5	10	37	17
..... acres harvested	275	2,294	375	950	4,608	1,149
220 to 259 acres farms	6	21	2	3	27	8
..... acres harvested	508	2,777	(D)	326	4,525	1,178
260 to 499 acres farms	24	54	17	18	69	38
..... acres harvested	3,572	10,092	3,263	2,508	19,003	5,557
500 to 999 acres farms	14	21	1	11	45	19
..... acres harvested	5,127	9,205	(D)	3,120	26,941	8,803
1,000 to 1,999 acres farms	2	13	1	3	21	8
..... acres harvested	(D)	10,936	(D)	2,507	27,218	9,854
2,000 acres or more farms	-	2	-	1	6	3
..... acres harvested	-	(D)	-	(D)	21,005	6,120
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres farms	8	48	15	39	255	21
..... acres	29	192	53	(D)	1,036	62
10 to 19 acres farms	11	73	7	10	141	31
..... acres	155	902	88	106	1,829	407
20 to 29 acres farms	13	73	5	7	97	20
..... acres	289	1,633	115	171	2,253	441
30 to 49 acres farms	14	64	13	18	94	37
..... acres	542	2,260	481	682	3,533	1,327
50 to 99 acres farms	19	87	13	23	106	46
..... acres	1,320	5,947	815	1,529	7,291	2,921
100 to 199 acres farms	15	54	13	23	86	21
..... acres	1,919	7,108	1,839	2,970	11,786	2,682
200 to 499 acres farms	11	42	4	8	70	24
..... acres	3,345	11,910	1,742	2,698	21,171	6,867
500 to 999 acres farms	3	13	-	4	32	5
..... acres	1,680	8,915	-	2,751	22,682	3,853
1,000 acres or more farms	-	9	-	1	30	9
..... acres	-	14,831	-	(D)	66,646	13,680
2012 acres harvested:						
1 to 9 acres farms	7	71	16	26	303	39
..... acres	19	317	57	107	1,246	150
10 to 19 acres farms	8	72	8	11	182	31
..... acres	89	924	98	140	2,410	388
20 to 29 acres farms	7	99	7	7	126	19
..... acres	162	2,247	162	(D)	2,852	458
30 to 49 acres farms	10	85	10	24	112	49
..... acres	372	3,109	413	887	3,995	1,820
50 to 99 acres farms	18	108	17	23	154	34
..... acres	1,297	7,342	1,181	1,748	10,481	2,264
100 to 199 acres farms	12	54	8	13	100	43
..... acres	1,586	7,318	1,026	1,719	13,717	5,460
200 to 499 acres farms	17	43	11	13	83	23
..... acres	4,809	11,618	3,132	3,661	26,162	7,195
500 to 999 acres farms	6	16	-	3	34	11
..... acres	3,422	11,293	-	(D)	23,704	7,138
1,000 acres or more farms	-	6	-	1	24	8
..... acres	-	9,470	-	(D)	45,603	13,577

--continued

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Farms number, 2017	24	950	861	678	1,070	39
..... number, 2012	35	949	824	681	1,125	48
..... acres harvested, 2017	2,501	281,625	148,193	197,620	379,179	3,793
..... acres harvested, 2012	1,739	259,727	142,625	179,483	384,095	3,917
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres farms	1	74	74	46	18	4
..... acres harvested	(D)	271	(D)	163	53	4
10 to 49 acres farms	1	257	303	200	249	8
..... acres harvested	(D)	4,812	4,171	2,812	3,622	(D)
50 to 69 acres farms	1	50	95	51	63	-
..... acres harvested	(D)	1,829	3,012	1,379	2,134	-
70 to 99 acres farms	6	72	64	61	87	5
..... acres harvested	268	4,177	3,251	2,835	4,662	185
100 to 139 acres farms	9	82	45	61	80	5
..... acres harvested	308	6,865	3,532	3,883	6,358	164
140 to 179 acres farms	1	79	42	36	60	3
..... acres harvested	(D)	9,196	4,867	3,614	7,861	100
180 to 219 acres farms	-	39	31	15	56	-
..... acres harvested	-	6,328	4,373	2,216	8,599	-
220 to 259 acres farms	-	40	29	24	49	2
..... acres harvested	-	8,694	5,014	4,043	9,882	(D)
260 to 499 acres farms	5	101	74	72	163	3
..... acres harvested	1,850	30,729	22,467	22,501	52,531	(D)
500 to 999 acres farms	-	84	72	38	138	5
..... acres harvested	-	55,416	43,858	20,545	91,174	1,196
1,000 to 1,999 acres farms	-	48	29	41	73	4
..... acres harvested	-	60,370	36,319	47,934	96,122	1,684
2,000 acres or more farms	-	24	3	33	34	-
..... acres harvested	-	92,938	(D)	85,695	96,181	-
2012 size of farm:						
1 to 9 acres farms	1	33	34	35	17	3
..... acres harvested	(D)	112	106	128	51	5
10 to 49 acres farms	12	260	268	179	229	10
..... acres harvested	171	4,427	(D)	2,600	3,947	43
50 to 69 acres farms	1	57	85	65	85	2
..... acres harvested	(D)	1,944	(D)	1,967	2,796	(D)
70 to 99 acres farms	9	115	99	80	110	10
..... acres harvested	354	6,304	(D)	4,136	5,489	311
100 to 139 acres farms	3	63	63	54	91	3
..... acres harvested	335	5,615	(D)	3,855	6,898	200
140 to 179 acres farms	4	58	41	51	68	3
..... acres harvested	353	6,706	(D)	5,942	8,843	50
180 to 219 acres farms	2	54	30	17	62	6
..... acres harvested	(D)	8,713	(D)	2,059	10,417	(D)
220 to 259 acres farms	1	34	29	20	53	4
..... acres harvested	(D)	6,377	(D)	3,042	8,567	513
260 to 499 acres farms	1	116	93	75	156	3
..... acres harvested	(D)	37,113	26,071	22,449	48,333	(D)
500 to 999 acres farms	1	103	50	48	145	1
..... acres harvested	(D)	69,105	31,449	29,313	91,529	(D)
1,000 to 1,999 acres farms	-	32	30	32	75	2
..... acres harvested	-	41,942	35,135	39,927	94,130	(D)
2,000 acres or more farms	-	24	2	25	34	1
..... acres harvested	-	71,369	(D)	64,065	103,095	(D)
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres farms	5	150	192	154	106	12
..... acres	(D)	660	771	751	430	(D)
10 to 19 acres farms	-	103	139	85	136	1
..... acres	-	1,475	1,733	1,144	1,808	(D)
20 to 29 acres farms	1	60	77	41	63	4
..... acres	(D)	1,478	1,776	959	1,442	89
30 to 49 acres farms	8	94	87	61	64	8
..... acres	336	3,389	3,167	2,284	2,380	310
50 to 99 acres farms	5	123	95	91	125	4
..... acres	270	8,835	6,684	6,218	9,185	220
100 to 199 acres farms	-	141	86	61	133	3
..... acres	-	19,732	11,872	7,989	19,059	368
200 to 499 acres farms	5	133	100	89	222	6
..... acres	1,850	40,795	31,788	29,037	71,747	1,906
500 to 999 acres farms	-	78	58	26	122	1
..... acres	-	55,734	41,560	16,970	88,166	(D)
1,000 acres or more farms	-	68	27	70	99	-
..... acres	-	149,527	48,842	132,268	184,962	-
2012 acres harvested:						
1 to 9 acres farms	9	126	144	117	104	17
..... acres	38	538	704	570	484	50
10 to 19 acres farms	3	106	116	76	112	5
..... acres	(D)	1,411	1,495	1,003	1,536	70
20 to 29 acres farms	3	70	73	60	77	5
..... acres	60	1,663	1,641	1,426	1,755	(D)
30 to 49 acres farms	8	102	95	57	105	6
..... acres	346	3,812	3,518	2,199	3,894	245
50 to 99 acres farms	5	117	121	122	122	6
..... acres	293	8,355	8,767	8,363	8,388	409
100 to 199 acres farms	6	127	88	73	167	4
..... acres	745	18,004	11,608	9,894	23,414	627
200 to 499 acres farms	1	160	110	82	213	3
..... acres	(D)	51,279	31,713	27,518	67,531	852
500 to 999 acres farms	-	88	53	42	127	2
..... acres	-	63,807	36,483	28,446	88,690	(D)
1,000 acres or more farms	-	53	24	52	98	-
..... acres	-	110,858	46,696	100,064	188,403	-

--continued

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Farms number, 2017	732	903	763	865	173	230
..... 2012	791	904	877	880	197	248
..... acres harvested, 2017	175,854	279,531	104,976	139,750	6,771	20,358
..... 2012	187,096	265,922	114,572	126,822	9,862	18,601
HARVESTED CROPLAND BY SIZE OF FARM						
2017 size of farm:						
1 to 9 acres farms	43	37	76	57	86	15
..... acres harvested	157	112	206	151	(D)	(D)
10 to 49 acres farms	262	252	299	345	46	72
..... acres harvested	4,029	4,003	3,695	4,700	557	866
50 to 69 acres farms	44	47	98	57	8	22
..... acres harvested	1,318	1,410	2,936	1,822	358	(D)
70 to 99 acres farms	60	101	73	76	16	39
..... acres harvested	3,563	5,583	2,317	3,493	736	1,293
100 to 139 acres farms	66	66	57	58	6	22
..... acres harvested	5,903	5,247	3,060	4,290	495	1,307
140 to 179 acres farms	36	49	35	46	1	18
..... acres harvested	4,537	5,898	2,695	4,570	(D)	1,211
180 to 219 acres farms	27	35	17	15	-	12
..... acres harvested	4,482	5,495	1,675	2,084	-	1,535
220 to 259 acres farms	20	34	16	35	1	7
..... acres harvested	3,841	6,228	2,545	6,629	(D)	953
260 to 499 acres farms	69	99	46	83	4	10
..... acres harvested	20,622	29,118	11,323	25,167	1,212	897
500 to 999 acres farms	57	102	25	60	5	8
..... acres harvested	35,466	67,413	12,855	39,112	2,956	2,860
1,000 to 1,999 acres farms	30	47	11	26	-	3
..... acres harvested	40,158	61,246	13,036	30,358	-	2,680
2,000 acres or more farms	18	34	10	7	-	2
..... acres harvested	51,778	87,778	48,633	17,374	-	(D)
2012 size of farm:						
1 to 9 acres farms	26	22	66	39	58	10
..... acres harvested	99	62	218	123	129	16
10 to 49 acres farms	231	256	341	362	84	73
..... acres harvested	3,843	4,090	4,403	5,002	980	1,028
50 to 69 acres farms	84	66	87	73	8	16
..... acres harvested	2,362	2,272	2,528	2,347	(D)	525
70 to 99 acres farms	69	111	106	87	15	58
..... acres harvested	3,441	5,208	3,889	4,004	996	2,265
100 to 139 acres farms	80	77	80	64	6	23
..... acres harvested	6,590	6,257	4,226	4,466	565	1,593
140 to 179 acres farms	39	37	33	36	7	18
..... acres harvested	4,942	4,141	2,774	3,780	844	1,283
180 to 219 acres farms	29	42	47	25	5	18
..... acres harvested	4,696	7,060	5,588	3,717	537	1,462
220 to 259 acres farms	38	23	16	22	-	6
..... acres harvested	7,185	3,770	2,135	4,468	-	530
260 to 499 acres farms	85	110	53	88	10	14
..... acres harvested	26,026	32,999	11,664	26,208	2,872	2,091
500 to 999 acres farms	58	76	27	51	3	8
..... acres harvested	37,136	48,937	15,944	29,589	1,538	3,635
1,000 to 1,999 acres farms	40	54	13	27	1	3
..... acres harvested	53,829	70,087	13,144	31,506	(D)	(D)
2,000 acres or more farms	12	30	8	6	-	1
..... acres harvested	36,947	81,039	48,059	11,612	-	(D)
HARVESTED CROPLAND BY ACRES HARVESTED						
2017 acres harvested:						
1 to 9 acres farms	145	114	227	236	118	64
..... acres	655	433	813	1,011	292	(D)
10 to 19 acres farms	99	138	156	124	9	25
..... acres	1,329	1,826	2,108	1,601	132	321
20 to 29 acres farms	56	54	84	64	5	27
..... acres	1,298	1,236	1,824	1,464	107	589
30 to 49 acres farms	64	83	94	89	14	40
..... acres	2,328	3,095	3,463	3,315	578	1,429
50 to 99 acres farms	89	118	75	93	14	39
..... acres	6,408	8,621	4,740	6,554	966	2,831
100 to 199 acres farms	106	123	45	73	4	21
..... acres	15,157	18,577	6,471	10,034	528	3,001
200 to 499 acres farms	84	103	45	102	6	9
..... acres	28,601	34,100	13,916	32,409	2,175	3,001
500 to 999 acres farms	44	92	19	54	3	2
..... acres	30,844	65,109	12,313	38,528	1,993	(D)
1,000 acres or more farms	45	78	18	30	-	3
..... acres	89,234	146,534	59,328	44,834	-	7,545
2012 acres harvested:						
1 to 9 acres farms	114	117	245	197	106	55
..... acres	562	515	1,073	844	306	(D)
10 to 19 acres farms	107	119	152	139	21	32
..... acres	1,480	1,593	2,028	1,789	289	425
20 to 29 acres farms	86	81	99	105	9	26
..... acres	2,051	1,912	2,247	2,323	214	562
30 to 49 acres farms	71	94	122	88	15	43
..... acres	2,681	3,574	4,575	3,452	587	1,555
50 to 99 acres farms	101	116	100	106	23	57
..... acres	7,345	8,577	6,703	7,348	1,516	4,015
100 to 199 acres farms	100	103	74	68	10	20
..... acres	14,268	14,811	10,592	9,825	1,569	2,760
200 to 499 acres farms	108	126	42	106	10	9
..... acres	33,529	39,523	11,820	33,474	3,073	3,142
500 to 999 acres farms	60	66	29	45	2	4
..... acres	41,912	45,951	19,530	30,779	(D)	2,802
1,000 acres or more farms	44	82	14	26	1	2
..... acres	83,268	149,466	56,004	36,988	(D)	(D)

Table 10. Irrigation: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Farms number, 2017	5,153	15	20	212	22	81
..... number, 2012	5,025	11	14	220	19	71
Land in irrigated farms acres, 2017	2,066,138	556	616	91,605	1,137	19,154
..... acres, 2012	1,871,594	708	510	115,419	877	20,103
Harvested cropland farms, 2017	5,005	9	20	207	22	81
..... farms, 2012	4,922	11	14	217	19	71
..... acres, 2017	1,750,850	179	105	80,428	222	10,538
..... acres, 2012	1,545,855	235	82	103,125	461	11,241
Other cropland, excluding cropland pastured farms, 2017	1,776	3	10	71	9	38
..... farms, 2012	1,467	3	6	49	8	17
..... acres, 2017	77,979	66	28	3,018	115	3,493
..... acres, 2012	48,578	7	54	1,788	27	1,085
Pastureland, excluding woodland pastured farms, 2017	1,197	8	4	34	9	14
..... farms, 2012	1,049	2	5	36	7	21
..... acres, 2017	31,634	46	126	581	104	878
..... acres, 2012	31,085	(D)	25	660	214	1,395
Irrigated land acres, 2017	670,212	60	46	24,845	46	4,026
..... acres, 2012	592,243	25	31	28,149	38	3,353
Harvested cropland farms, 2017	4,914	9	20	206	22	81
..... farms, 2012	4,865	11	14	214	19	71
..... acres, 2017	666,976	26	46	24,803	46	4,026
..... acres, 2012	589,020	25	31	28,125	38	(D)
Pastureland and other land farms, 2017	316	8	-	12	-	-
..... farms, 2012	238	-	-	8	-	1
..... acres, 2017	3,236	34	-	42	-	-
..... acres, 2012	3,223	-	-	24	-	(D)
Land irrigated at least once in the past five years (see text) farms, 2017	6,505	18	28	263	34	98
..... farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	788,787	71	61	29,616	415	5,058
..... acres, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	1,063	2	4	28	6	15
..... acres irrigated	1,783	(D)	(D)	(D)	(D)	17
10 to 49 acres farms	1,495	10	12	59	13	27
..... acres irrigated	8,182	44	23	551	13	138
50 to 69 acres farms	280	2	3	9	-	3
..... acres irrigated	4,364	(D)	9	166	-	47
70 to 99 acres farms	319	-	-	16	2	5
..... acres irrigated	7,257	-	-	371	(D)	32
100 to 139 acres farms	273	-	-	14	-	5
..... acres irrigated	7,316	-	-	297	-	72
140 to 179 acres farms	157	-	1	11	-	5
..... acres irrigated	6,978	-	(D)	730	-	30
180 to 219 acres farms	114	1	-	7	-	2
..... acres irrigated	5,363	(D)	-	239	-	(D)
220 to 259 acres farms	92	-	-	2	-	-
..... acres irrigated	6,782	-	-	(D)	-	-
260 to 499 acres farms	374	-	-	18	-	11
..... acres irrigated	51,103	-	-	2,781	-	735
500 to 999 acres farms	391	-	-	19	1	4
..... acres irrigated	88,859	-	-	4,999	(D)	302
1,000 to 1,999 acres farms	337	-	-	20	-	2
..... acres irrigated	145,613	-	-	5,110	-	(D)
2,000 acres or more farms	258	-	-	9	-	2
..... acres irrigated	336,612	-	-	9,543	-	(D)
2012 irrigated acres by size of farm:						
1 to 9 acres farms	848	2	2	36	-	13
..... acres irrigated	1,575	(D)	(D)	85	-	21
10 to 49 acres farms	1,532	6	11	63	14	23
..... acres irrigated	7,954	15	21	402	21	122
50 to 69 acres farms	318	-	-	14	-	4
..... acres irrigated	4,286	-	-	278	-	(D)
70 to 99 acres farms	343	2	-	18	2	4
..... acres irrigated	5,954	(D)	-	345	(D)	(D)
100 to 139 acres farms	247	-	-	14	2	7
..... acres irrigated	5,853	-	-	682	(D)	56
140 to 179 acres farms	216	-	-	12	-	1
..... acres irrigated	9,713	-	-	426	-	(D)
180 to 219 acres farms	146	-	-	4	1	4
..... acres irrigated	7,784	-	-	320	(D)	61
220 to 259 acres farms	114	-	1	3	-	-
..... acres irrigated	7,642	-	(D)	196	-	-
260 to 499 acres farms	377	1	-	14	-	7
..... acres irrigated	39,982	(D)	-	1,507	-	566
500 to 999 acres farms	369	-	-	18	-	4
..... acres irrigated	89,469	-	-	5,378	-	886
1,000 to 1,999 acres farms	294	-	-	13	-	2
..... acres irrigated	125,071	-	-	2,783	-	(D)
2,000 acres or more farms	221	-	-	11	-	2
..... acres irrigated	286,960	-	-	15,747	-	(D)

--continued

Table 10. Irrigation: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Farms number, 2017	17	5	45	43	47	204
..... number, 2012	2	6	52	54	39	212
Land in irrigated farms acres, 2017	1,787	273	22,230	16,668	5,306	68,973
..... acres, 2012	(D)	942	24,167	19,250	4,841	64,061
Harvested cropland farms, 2017	17	5	39	43	47	201
..... farms, 2012	2	6	51	52	36	212
..... acres, 2017	1,039	9	19,081	15,954	2,411	57,132
..... acres, 2012	(D)	(D)	20,569	18,155	1,325	52,767
Other cropland, excluding cropland pastured farms, 2017	14	4	6	10	26	100
..... farms, 2012	-	4	9	14	17	82
..... acres, 2017	370	(D)	(D)	432	390	3,465
..... acres, 2012	-	(D)	639	157	393	2,813
Pastureland, excluding woodland pastured farms, 2017	7	3	18	3	10	29
..... farms, 2012	-	1	15	3	6	22
..... acres, 2017	52	12	441	24	83	599
..... acres, 2012	-	(D)	153	13	243	109
Irrigated land acres, 2017	228	5	4,901	5,228	697	20,048
..... acres, 2012	(D)	13	4,278	6,319	288	18,098
Harvested cropland farms, 2017	15	5	38	43	43	201
..... farms, 2012	2	6	50	52	36	210
..... acres, 2017	(D)	5	4,871	5,228	684	20,034
..... acres, 2012	(D)	13	4,261	(D)	263	18,081
Pastureland and other land farms, 2017	2	-	7	-	5	7
..... farms, 2012	-	-	5	2	3	5
..... acres, 2017	(D)	-	30	-	13	14
..... acres, 2012	-	-	17	(D)	25	17
Land irrigated at least once in the past five years (see text) farms, 2017	18	9	64	51	76	235
..... farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	319	122	5,868	5,988	871	22,912
..... acres, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	2	-	8	9	12	44
..... acres irrigated	(D)	-	15	12	14	107
10 to 49 acres farms	5	4	17	8	22	59
..... acres irrigated	12	(D)	62	79	80	319
50 to 69 acres farms	1	-	1	-	1	14
..... acres irrigated	(D)	-	(D)	-	(D)	268
70 to 99 acres farms	1	-	5	5	5	8
..... acres irrigated	(D)	-	148	109	23	222
100 to 139 acres farms	-	-	-	2	-	8
..... acres irrigated	-	-	-	(D)	-	182
140 to 179 acres farms	6	-	-	5	1	8
..... acres irrigated	180	-	-	57	(D)	305
180 to 219 acres farms	-	1	-	1	-	6
..... acres irrigated	-	(D)	-	(D)	-	276
220 to 259 acres farms	2	-	-	-	1	6
..... acres irrigated	(D)	-	-	-	(D)	452
260 to 499 acres farms	-	-	2	5	-	12
..... acres irrigated	-	-	(D)	447	-	1,084
500 to 999 acres farms	-	-	5	2	5	18
..... acres irrigated	-	-	1,680	(D)	563	4,560
1,000 to 1,999 acres farms	-	-	4	4	-	13
..... acres irrigated	-	-	1,203	1,660	-	6,690
2,000 acres or more farms	-	-	3	2	-	8
..... acres irrigated	-	-	1,215	(D)	-	5,583
2012 irrigated acres by size of farm:						
1 to 9 acres farms	2	-	7	6	5	33
..... acres irrigated	(D)	-	18	21	13	78
10 to 49 acres farms	-	4	15	5	14	69
..... acres irrigated	-	(D)	60	19	58	467
50 to 69 acres farms	-	-	-	7	5	8
..... acres irrigated	-	-	-	70	5	273
70 to 99 acres farms	-	-	7	7	3	16
..... acres irrigated	-	-	27	103	(D)	227
100 to 139 acres farms	-	-	3	2	-	9
..... acres irrigated	-	-	89	(D)	-	244
140 to 179 acres farms	-	1	-	4	5	9
..... acres irrigated	-	(D)	-	(D)	27	467
180 to 219 acres farms	-	-	2	3	2	6
..... acres irrigated	-	-	(D)	161	(D)	273
220 to 259 acres farms	-	-	2	1	1	9
..... acres irrigated	-	-	(D)	(D)	(D)	586
260 to 499 acres farms	-	-	2	7	2	19
..... acres irrigated	-	-	(D)	(D)	(D)	2,250
500 to 999 acres farms	-	1	7	7	2	19
..... acres irrigated	-	(D)	1,749	1,198	(D)	5,021
1,000 to 1,999 acres farms	-	-	3	3	-	10
..... acres irrigated	-	-	981	1,008	-	4,242
2,000 acres or more farms	-	-	4	2	-	5
..... acres irrigated	-	-	1,060	(D)	-	3,970

--continued

Table 10. Irrigation: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Farms number, 2017	129	78	148	29	12	24
..... number, 2012	135	76	143	34	22	21
Land in irrigated farms acres, 2017	133,096	57,628	133,202	1,991	1,508	916
..... acres, 2012	118,733	50,054	118,427	2,147	3,865	798
Harvested cropland farms, 2017	127	73	144	29	12	22
..... farms, 2012	135	76	140	33	22	21
..... acres, 2017	117,309	51,779	118,484	295	387	152
..... acres, 2012	104,065	43,776	100,102	560	1,003	109
Other cropland, excluding cropland pastured farms, 2017	40	20	28	14	3	2
..... farms, 2012	28	20	26	17	6	7
..... acres, 2017	4,282	1,134	2,423	344	(D)	(D)
..... acres, 2012	2,259	883	2,487	423	(D)	109
Pastureland, excluding woodland pastured farms, 2017	31	27	34	9	5	7
..... farms, 2012	26	26	43	8	3	8
..... acres, 2017	797	742	1,658	73	40	86
..... acres, 2012	863	1,027	2,126	107	87	239
Irrigated land acres, 2017	55,701	13,334	71,245	57	(D)	36
..... acres, 2012	44,528	10,662	57,619	204	489	66
Harvested cropland farms, 2017	125	73	143	28	12	22
..... farms, 2012	133	74	135	33	22	20
..... acres, 2017	55,569	13,198	71,034	(D)	(D)	(D)
..... acres, 2012	44,521	10,506	57,365	(D)	489	(D)
Pastureland and other land farms, 2017	7	7	7	1	-	2
..... farms, 2012	5	6	10	1	-	1
..... acres, 2017	132	136	211	(D)	-	(D)
..... acres, 2012	7	156	254	(D)	-	(D)
Land irrigated at least once in the past five years (see text) farms, 2017	157	98	168	44	39	33
..... farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	63,620	15,564	77,398	117	290	455
..... acres, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	7	8	1	9	1	10
..... acres irrigated	7	(D)	(D)	11	(D)	10
10 to 49 acres farms	10	17	28	9	6	11
..... acres irrigated	167	82	216	12	8	21
50 to 69 acres farms	5	6	4	2	2	-
..... acres irrigated	17	50	(D)	(D)	(D)	-
70 to 99 acres farms	11	1	3	3	1	-
..... acres irrigated	407	(D)	218	5	(D)	-
100 to 139 acres farms	1	5	11	2	-	1
..... acres irrigated	(D)	32	397	(D)	-	(D)
140 to 179 acres farms	-	4	5	-	1	-
..... acres irrigated	-	420	430	-	(D)	-
180 to 219 acres farms	2	2	2	1	-	-
..... acres irrigated	(D)	(D)	(D)	(D)	-	-
220 to 259 acres farms	1	-	7	-	-	1
..... acres irrigated	(D)	-	282	-	-	(D)
260 to 499 acres farms	20	5	22	3	-	1
..... acres irrigated	3,029	451	3,257	13	-	(D)
500 to 999 acres farms	32	7	31	-	-	-
..... acres irrigated	6,920	551	8,957	-	-	-
1,000 to 1,999 acres farms	21	15	19	-	1	-
..... acres irrigated	12,143	6,923	14,393	-	(D)	-
2,000 acres or more farms	19	8	15	-	-	-
..... acres irrigated	32,812	4,751	43,044	-	-	-
2012 irrigated acres by size of farm:						
1 to 9 acres farms	6	12	6	11	5	1
..... acres irrigated	(D)	31	(D)	23	7	(D)
10 to 49 acres farms	20	14	25	14	1	14
..... acres irrigated	93	32	165	29	(D)	46
50 to 69 acres farms	1	6	7	-	4	3
..... acres irrigated	(D)	48	89	-	12	3
70 to 99 acres farms	5	5	5	3	3	2
..... acres irrigated	177	13	169	(D)	12	(D)
100 to 139 acres farms	6	2	6	2	2	1
..... acres irrigated	105	(D)	203	(D)	(D)	(D)
140 to 179 acres farms	6	4	5	-	1	-
..... acres irrigated	248	271	328	-	(D)	-
180 to 219 acres farms	3	4	7	1	-	-
..... acres irrigated	(D)	265	380	(D)	-	-
220 to 259 acres farms	4	2	2	-	1	-
..... acres irrigated	479	(D)	(D)	-	(D)	-
260 to 499 acres farms	23	3	25	3	2	-
..... acres irrigated	2,848	453	3,183	(D)	(D)	-
500 to 999 acres farms	27	6	19	-	3	-
..... acres irrigated	7,281	1,031	4,760	-	423	-
1,000 to 1,999 acres farms	18	9	21	-	-	-
..... acres irrigated	8,610	3,621	13,775	-	-	-
2,000 acres or more farms	16	9	15	-	-	-
..... acres irrigated	24,537	4,667	34,335	-	-	-

--continued

Table 10. Irrigation: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Farms number, 2017	18	37	-	22	8	36
..... number, 2012	19	60	7	12	11	48
Land in irrigated farms acres, 2017	3,693	29,368	-	6,812	880	7,924
..... acres, 2012	4,485	39,707	130	4,838	2,333	11,513
Harvested cropland farms, 2017	18	37	-	22	8	36
..... farms, 2012	19	53	4	12	11	48
..... acres, 2017	2,539	25,716	-	3,358	312	7,005
..... acres, 2012	2,644	35,877	(D)	2,859	880	9,541
Other cropland, excluding cropland pastured farms, 2017	3	11	-	12	6	10
..... farms, 2012	4	10	4	4	3	14
..... acres, 2017	232	589	-	608	342	135
..... acres, 2012	34	141	20	33	(D)	174
Pastureland, excluding woodland pastured farms, 2017	8	11	-	5	5	6
..... farms, 2012	5	16	3	5	3	7
..... acres, 2017	710	(D)	-	532	82	86
..... acres, 2012	1,168	739	30	399	21	244
Irrigated land acres, 2017	(D)	2,637	-	774	252	726
..... acres, 2012	(D)	4,200	13	625	307	1,458
Harvested cropland farms, 2017	16	37	-	22	8	35
..... farms, 2012	19	53	4	12	11	46
..... acres, 2017	(D)	(D)	-	774	252	719
..... acres, 2012	(D)	3,894	7	625	307	1,436
Pastureland and other land farms, 2017	2	2	-	-	-	5
..... farms, 2012	-	8	3	-	-	4
..... acres, 2017	(D)	(D)	-	-	-	7
..... acres, 2012	-	306	6	-	-	22
Land irrigated at least once in the past five years (see text) farms, 2017	32	63	3	26	13	41
..... farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	737	3,156	(D)	2,305	385	984
..... acres, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	7	5	-	4	-	17
..... acres irrigated	7	14	-	4	-	23
10 to 49 acres farms	6	12	-	2	4	6
..... acres irrigated	6	24	-	(D)	(D)	8
50 to 69 acres farms	-	1	-	4	-	1
..... acres irrigated	-	(D)	-	124	-	(D)
70 to 99 acres farms	2	1	-	-	3	4
..... acres irrigated	(D)	(D)	-	-	61	6
100 to 139 acres farms	-	-	-	4	-	2
..... acres irrigated	-	-	-	11	-	(D)
140 to 179 acres farms	-	-	-	1	-	-
..... acres irrigated	-	-	-	(D)	-	-
180 to 219 acres farms	-	2	-	1	-	-
..... acres irrigated	-	(D)	-	(D)	-	-
220 to 259 acres farms	-	-	-	2	-	-
..... acres irrigated	-	-	-	(D)	-	-
260 to 499 acres farms	2	4	-	-	-	4
..... acres irrigated	(D)	399	-	-	-	281
500 to 999 acres farms	-	3	-	-	1	-
..... acres irrigated	-	197	-	-	(D)	-
1,000 to 1,999 acres farms	-	3	-	3	-	-
..... acres irrigated	-	(D)	-	300	-	-
2,000 acres or more farms	1	6	-	1	-	2
..... acres irrigated	(D)	1,887	-	(D)	-	(D)
2012 irrigated acres by size of farm:						
1 to 9 acres farms	8	18	3	2	4	11
..... acres irrigated	18	34	(D)	(D)	4	17
10 to 49 acres farms	6	17	3	4	4	15
..... acres irrigated	14	43	6	13	13	37
50 to 69 acres farms	2	3	-	-	-	-
..... acres irrigated	(D)	5	-	-	-	-
70 to 99 acres farms	-	4	1	1	-	1
..... acres irrigated	-	134	(D)	(D)	-	(D)
100 to 139 acres farms	-	1	-	1	-	5
..... acres irrigated	-	(D)	-	(D)	-	69
140 to 179 acres farms	1	-	-	-	1	5
..... acres irrigated	(D)	-	-	-	(D)	190
180 to 219 acres farms	-	3	-	-	-	-
..... acres irrigated	-	185	-	-	-	-
220 to 259 acres farms	-	-	-	-	-	2
..... acres irrigated	-	-	-	-	-	(D)
260 to 499 acres farms	-	2	-	-	1	2
..... acres irrigated	-	(D)	-	-	(D)	(D)
500 to 999 acres farms	-	4	-	1	-	5
..... acres irrigated	-	399	-	(D)	-	669
1,000 to 1,999 acres farms	1	2	-	3	1	1
..... acres irrigated	(D)	(D)	-	500	(D)	(D)
2,000 acres or more farms	1	6	-	-	-	1
..... acres irrigated	(D)	2,994	-	-	-	(D)

--continued

Table 10. Irrigation: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Farms number, 2017	43	73	16	3	133	76
..... 2012	36	70	17	5	141	57
Land in irrigated farms acres, 2017	2,852	7,751	2,273	146	10,999	94,334
..... 2012	2,546	7,215	3,535	870	14,278	68,498
Harvested cropland farms, 2017	43	64	16	3	133	76
..... 2012	35	66	15	5	137	54
..... acres, 2017	492	5,646	1,657	7	6,793	90,133
..... 2012	716	3,904	2,397	7	9,195	62,222
Other cropland, excluding cropland pastured farms, 2017	17	40	6	-	66	34
..... 2012	13	26	5	-	47	18
..... acres, 2017	270	802	210	-	1,424	1,566
..... 2012	314	683	161	-	543	3,524
Pastureland, excluding woodland pastured farms, 2017	10	18	7	-	12	6
..... 2012	7	16	12	-	18	11
..... acres, 2017	299	290	97	-	135	71
..... 2012	330	532	497	-	605	507
Irrigated land acres, 2017	287	1,546	135	(D)	2,820	15,865
..... 2012	289	1,547	461	7	2,957	9,510
Harvested cropland farms, 2017	43	58	16	3	133	75
..... 2012	35	64	14	5	137	52
..... acres, 2017	287	1,424	135	(D)	2,820	(D)
..... 2012	(D)	1,482	263	7	2,953	9,441
Pastureland and other land farms, 2017	-	20	-	-	-	1
..... 2012	1	8	3	-	4	5
..... acres, 2017	-	122	-	-	-	(D)
..... 2012	(D)	65	198	-	4	69
Land irrigated at least once in the past five years (see text) farms, 2017	55	89	24	3	163	78
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	394	1,809	415	6	3,354	21,058
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	17	11	3	-	39	12
..... acres irrigated	17	16	3	-	(D)	(D)
10 to 49 acres farms	11	45	5	1	38	8
..... acres irrigated	43	253	7	(D)	229	91
50 to 69 acres farms	2	1	3	2	8	1
..... acres irrigated	(D)	(D)	9	(D)	101	(D)
70 to 99 acres farms	2	5	1	-	17	10
..... acres irrigated	(D)	20	(D)	-	535	444
100 to 139 acres farms	3	4	2	-	7	1
..... acres irrigated	(D)	32	(D)	-	223	(D)
140 to 179 acres farms	2	-	-	-	6	1
..... acres irrigated	(D)	-	-	-	298	(D)
180 to 219 acres farms	2	-	-	-	8	3
..... acres irrigated	(D)	-	-	-	177	60
220 to 259 acres farms	-	-	-	-	1	1
..... acres irrigated	-	-	-	-	(D)	(D)
260 to 499 acres farms	4	2	-	-	5	3
..... acres irrigated	64	(D)	-	-	396	565
500 to 999 acres farms	-	4	2	-	4	11
..... acres irrigated	-	874	(D)	-	720	1,558
1,000 to 1,999 acres farms	-	-	-	-	-	8
..... acres irrigated	-	-	-	-	-	1,107
2,000 acres or more farms	-	1	-	-	-	17
..... acres irrigated	-	(D)	-	-	-	11,730
2012 irrigated acres by size of farm:						
1 to 9 acres farms	9	23	1	-	31	8
..... acres irrigated	9	42	(D)	-	70	29
10 to 49 acres farms	14	27	6	-	50	5
..... acres irrigated	63	134	84	-	227	(D)
50 to 69 acres farms	5	2	-	3	16	1
..... acres irrigated	97	(D)	-	(D)	248	(D)
70 to 99 acres farms	-	2	4	-	9	3
..... acres irrigated	-	(D)	(D)	-	239	11
100 to 139 acres farms	-	6	2	-	9	3
..... acres irrigated	-	32	(D)	-	344	105
140 to 179 acres farms	3	3	-	-	6	-
..... acres irrigated	39	67	-	-	408	-
180 to 219 acres farms	-	2	-	-	5	2
..... acres irrigated	-	(D)	-	-	230	(D)
220 to 259 acres farms	2	-	-	-	2	-
..... acres irrigated	(D)	-	-	-	(D)	-
260 to 499 acres farms	3	2	-	2	11	5
..... acres irrigated	(D)	(D)	-	(D)	771	414
500 to 999 acres farms	-	1	4	-	1	8
..... acres irrigated	-	(D)	313	-	(D)	956
1,000 to 1,999 acres farms	-	2	-	-	-	9
..... acres irrigated	-	(D)	-	-	-	1,071
2,000 acres or more farms	-	-	-	-	1	13
..... acres irrigated	-	-	-	-	(D)	6,820

--continued

Table 10. Irrigation: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Farms number, 2017	59	22	37	65	56	16
..... number, 2012	71	26	39	73	65	8
Land in irrigated farms acres, 2017	51,252	1,168	35,194	9,609	28,495	1,251
..... acres, 2012	49,007	2,166	34,165	5,858	32,001	225
Harvested cropland farms, 2017	59	22	34	54	56	16
..... farms, 2012	69	26	39	73	65	7
..... acres, 2017	45,542	142	32,573	8,372	24,177	917
..... acres, 2012	43,820	332	30,627	4,391	27,935	58
Other cropland, excluding cropland pastured farms, 2017	17	11	15	17	13	6
..... farms, 2012	21	14	14	31	16	4
..... acres, 2017	483	258	450	187	1,336	62
..... acres, 2012	920	443	449	288	153	10
Pastureland, excluding woodland pastured farms, 2017	18	4	9	27	12	5
..... farms, 2012	22	5	10	6	6	4
..... acres, 2017	578	21	108	160	236	54
..... acres, 2012	702	18	103	33	60	37
Irrigated land acres, 2017	8,802	30	3,065	1,768	5,113	184
..... acres, 2012	9,141	59	2,043	1,735	5,953	23
Harvested cropland farms, 2017	59	22	32	54	55	16
..... farms, 2012	69	24	39	71	63	7
..... acres, 2017	8,802	30	3,039	1,726	(D)	184
..... acres, 2012	(D)	(D)	(D)	1,724	5,942	(D)
Pastureland and other land farms, 2017	-	-	5	20	1	-
..... farms, 2012	2	2	1	3	4	1
..... acres, 2017	-	-	26	42	(D)	-
..... acres, 2012	(D)	(D)	(D)	11	11	(D)
Land irrigated at least once in the past five years (see text) farms, 2017	77	32	44	86	71	17
..... farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	10,089	65	4,866	2,277	6,666	185
..... acres, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	5	10	11	16	12	5
..... acres irrigated	6	12	14	29	19	5
10 to 49 acres farms	10	1	5	40	14	8
..... acres irrigated	55	(D)	31	128	85	84
50 to 69 acres farms	3	-	1	2	3	-
..... acres irrigated	5	-	(D)	(D)	18	-
70 to 99 acres farms	5	8	-	-	6	2
..... acres irrigated	29	10	-	-	17	(D)
100 to 139 acres farms	1	1	1	-	1	-
..... acres irrigated	(D)	(D)	(D)	-	(D)	-
140 to 179 acres farms	3	-	1	1	-	-
..... acres irrigated	(D)	-	(D)	(D)	-	-
180 to 219 acres farms	1	2	3	1	-	-
..... acres irrigated	(D)	(D)	(D)	(D)	-	-
220 to 259 acres farms	-	-	-	-	-	-
..... acres irrigated	-	-	-	-	-	-
260 to 499 acres farms	9	-	3	1	3	-
..... acres irrigated	1,755	-	100	(D)	(D)	-
500 to 999 acres farms	2	-	1	-	10	1
..... acres irrigated	(D)	-	(D)	-	700	(D)
1,000 to 1,999 acres farms	10	-	4	2	2	-
..... acres irrigated	2,282	-	1,206	(D)	(D)	-
2,000 acres or more farms	10	-	7	2	5	-
..... acres irrigated	4,310	-	1,305	(D)	3,558	-
2012 irrigated acres by size of farm:						
1 to 9 acres farms	5	2	6	23	14	4
..... acres irrigated	9	(D)	7	26	24	5
10 to 49 acres farms	18	10	7	32	12	2
..... acres irrigated	118	20	45	114	30	(D)
50 to 69 acres farms	7	3	1	4	1	1
..... acres irrigated	151	9	(D)	23	(D)	(D)
70 to 99 acres farms	6	5	3	1	5	1
..... acres irrigated	22	8	3	(D)	53	(D)
100 to 139 acres farms	2	2	1	2	6	-
..... acres irrigated	(D)	(D)	(D)	(D)	45	-
140 to 179 acres farms	1	1	-	2	-	-
..... acres irrigated	(D)	(D)	-	(D)	-	-
180 to 219 acres farms	1	-	3	2	2	-
..... acres irrigated	(D)	-	290	(D)	(D)	-
220 to 259 acres farms	-	2	1	-	5	-
..... acres irrigated	-	(D)	(D)	-	444	-
260 to 499 acres farms	8	1	3	5	6	-
..... acres irrigated	1,249	(D)	15	(D)	372	-
500 to 999 acres farms	7	-	2	1	7	-
..... acres irrigated	1,036	-	(D)	(D)	1,126	-
1,000 to 1,999 acres farms	9	-	8	1	3	-
..... acres irrigated	2,209	-	1,013	(D)	(D)	-
2,000 acres or more farms	7	-	4	-	4	-
..... acres irrigated	4,216	-	475	-	2,024	-

--continued

Table 10. Irrigation: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Farms number, 2017	6	49	83	196	24	188
..... number, 2012	9	23	63	168	15	155
Land in irrigated farms acres, 2017	7,102	15,139	27,796	96,550	3,550	49,398
..... acres, 2012	5,718	11,471	27,815	83,898	4,658	37,242
Harvested cropland farms, 2017	6	49	79	196	24	185
..... farms, 2012	9	23	63	168	14	148
..... acres, 2017	1,414	12,892	23,849	84,302	2,111	39,943
..... acres, 2012	1,169	10,278	22,633	73,703	2,176	31,510
Other cropland, excluding cropland pastured farms, 2017	4	17	22	56	12	72
..... farms, 2012	4	-	15	27	9	31
..... acres, 2017	990	442	769	2,665	967	1,135
..... acres, 2012	322	-	278	844	402	534
Pastureland, excluding woodland pastured farms, 2017	2	18	28	46	4	42
..... farms, 2012	2	2	13	22	8	39
..... acres, 2017	-	140	479	2,049	40	1,370
..... acres, 2012	(D)	(D)	832	1,010	336	1,095
Irrigated land acres, 2017	525	2,861	4,723	43,044	1,588	15,273
..... acres, 2012	455	3,438	3,908	39,054	1,605	9,986
Harvested cropland farms, 2017	6	46	79	193	24	175
..... farms, 2012	9	21	63	167	14	146
..... acres, 2017	525	2,828	4,705	42,734	1,588	15,186
..... acres, 2012	455	(D)	3,908	(D)	1,525	9,890
Pastureland and other land farms, 2017	-	5	4	7	-	14
..... farms, 2012	-	2	-	2	5	11
..... acres, 2017	-	33	18	310	-	87
..... acres, 2012	-	(D)	-	(D)	80	96
Land irrigated at least once in the past five years (see text) farms, 2017	6	58	99	206	26	240
..... farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	2,119	3,335	6,174	46,568	2,421	16,562
..... acres, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	-	4	33	51	5	46
..... acres irrigated	-	4	70	100	26	82
10 to 49 acres farms	-	19	16	51	10	58
..... acres irrigated	-	49	42	266	24	273
50 to 69 acres farms	-	3	4	4	2	8
..... acres irrigated	-	(D)	8	(D)	(D)	(D)
70 to 99 acres farms	-	4	2	9	-	11
..... acres irrigated	-	4	(D)	318	-	484
100 to 139 acres farms	-	1	5	9	4	6
..... acres irrigated	-	(D)	71	277	180	253
140 to 179 acres farms	1	3	-	-	-	13
..... acres irrigated	(D)	194	-	-	-	567
180 to 219 acres farms	-	-	2	-	1	1
..... acres irrigated	-	-	(D)	-	(D)	(D)
220 to 259 acres farms	-	2	3	7	-	1
..... acres irrigated	-	(D)	315	(D)	-	(D)
260 to 499 acres farms	2	7	2	14	-	14
..... acres irrigated	(D)	1,072	(D)	2,253	-	1,222
500 to 999 acres farms	-	5	10	19	-	15
..... acres irrigated	-	1,042	1,254	7,933	-	2,773
1,000 to 1,999 acres farms	2	-	2	20	2	11
..... acres irrigated	(D)	-	(D)	8,946	(D)	6,724
2,000 acres or more farms	1	1	4	12	-	4
..... acres irrigated	(D)	(D)	2,667	22,841	-	2,673
2012 irrigated acres by size of farm:						
1 to 9 acres farms	-	1	17	28	2	35
..... acres irrigated	-	(D)	27	69	(D)	(D)
10 to 49 acres farms	2	5	16	49	2	56
..... acres irrigated	(D)	6	149	307	(D)	297
50 to 69 acres farms	2	4	1	5	2	6
..... acres irrigated	(D)	118	(D)	174	(D)	73
70 to 99 acres farms	-	-	6	8	-	10
..... acres irrigated	-	-	88	217	-	166
100 to 139 acres farms	1	1	2	5	2	13
..... acres irrigated	(D)	(D)	(D)	70	(D)	578
140 to 179 acres farms	-	2	-	8	-	9
..... acres irrigated	-	(D)	-	479	-	621
180 to 219 acres farms	-	-	2	2	1	1
..... acres irrigated	-	-	(D)	(D)	(D)	(D)
220 to 259 acres farms	-	1	1	2	2	4
..... acres irrigated	-	(D)	(D)	(D)	(D)	394
260 to 499 acres farms	2	1	6	12	-	7
..... acres irrigated	(D)	(D)	332	1,989	-	495
500 to 999 acres farms	-	4	4	19	2	5
..... acres irrigated	-	1,688	586	5,394	(D)	1,441
1,000 to 1,999 acres farms	1	3	3	19	2	5
..... acres irrigated	(D)	950	377	11,411	(D)	2,931
2,000 acres or more farms	1	1	5	11	-	4
..... acres irrigated	(D)	(D)	2,250	18,680	-	2,915

--continued

Table 10. Irrigation: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Farms number, 2017	-	16	83	132	90	70
..... number, 2012	-	11	82	117	60	81
Land in irrigated farms acres, 2017	-	864	12,336	14,441	69,096	9,608
..... acres, 2012	-	194	10,716	13,043	33,850	6,246
Harvested cropland farms, 2017	-	13	83	129	85	53
..... farms, 2012	-	9	82	115	60	72
..... acres, 2017	-	67	6,863	7,966	60,133	6,488
..... acres, 2012	-	33	7,532	6,742	30,164	3,082
Other cropland, excluding cropland pastured farms, 2017	-	13	17	65	33	22
..... farms, 2012	-	6	38	44	23	29
..... acres, 2017	-	207	819	1,540	1,895	652
..... acres, 2012	-	14	770	1,336	1,579	304
Pastureland, excluding woodland pastured farms, 2017	-	11	26	38	13	22
..... farms, 2012	-	2	13	15	9	23
..... acres, 2017	-	82	2,746	940	106	671
..... acres, 2012	-	(D)	94	99	171	397
Irrigated land acres, 2017	-	111	2,366	2,343	9,772	1,126
..... acres, 2012	-	33	2,100	2,165	4,369	1,413
Harvested cropland farms, 2017	-	13	77	124	84	53
..... farms, 2012	-	9	77	115	60	72
..... acres, 2017	-	57	2,339	2,247	9,754	1,046
..... acres, 2012	-	(D)	2,056	2,148	(D)	1,293
Pastureland and other land farms, 2017	-	3	7	13	6	17
..... farms, 2012	-	2	8	3	2	11
..... acres, 2017	-	54	27	96	18	80
..... acres, 2012	-	(D)	44	17	(D)	120
Land irrigated at least once in the past five years (see text) farms, 2017	-	20	123	168	111	89
..... farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	-	151	4,594	3,079	10,628	1,586
..... acres, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	-	3	22	30	37	30
..... acres irrigated	-	(D)	26	41	40	34
10 to 49 acres farms	-	9	21	50	15	20
..... acres irrigated	-	24	70	260	77	57
50 to 69 acres farms	-	-	1	13	4	1
..... acres irrigated	-	-	(D)	135	67	(D)
70 to 99 acres farms	-	-	5	12	3	4
..... acres irrigated	-	-	39	128	(D)	(D)
100 to 139 acres farms	-	-	15	10	2	9
..... acres irrigated	-	-	152	407	(D)	37
140 to 179 acres farms	-	3	1	3	-	-
..... acres irrigated	-	54	(D)	(D)	-	-
180 to 219 acres farms	-	1	-	3	1	1
..... acres irrigated	-	(D)	-	(D)	(D)	(D)
220 to 259 acres farms	-	-	3	3	-	-
..... acres irrigated	-	-	(D)	170	-	-
260 to 499 acres farms	-	-	5	4	2	1
..... acres irrigated	-	-	742	282	(D)	(D)
500 to 999 acres farms	-	-	7	2	9	1
..... acres irrigated	-	-	(D)	(D)	1,790	(D)
1,000 to 1,999 acres farms	-	-	3	1	7	2
..... acres irrigated	-	-	(D)	(D)	854	(D)
2,000 acres or more farms	-	-	-	1	10	1
..... acres irrigated	-	-	-	(D)	6,243	(D)
2012 irrigated acres by size of farm:						
1 to 9 acres farms	-	7	9	17	13	16
..... acres irrigated	-	17	10	25	21	35
10 to 49 acres farms	-	2	40	40	14	33
..... acres irrigated	-	(D)	211	242	38	(D)
50 to 69 acres farms	-	2	4	19	4	12
..... acres irrigated	-	(D)	95	244	(D)	50
70 to 99 acres farms	-	-	4	14	8	5
..... acres irrigated	-	-	4	146	20	51
100 to 139 acres farms	-	-	4	10	1	3
..... acres irrigated	-	-	24	292	(D)	160
140 to 179 acres farms	-	-	2	-	2	5
..... acres irrigated	-	-	(D)	-	(D)	41
180 to 219 acres farms	-	-	2	6	-	4
..... acres irrigated	-	-	(D)	115	-	300
220 to 259 acres farms	-	-	1	3	-	-
..... acres irrigated	-	-	(D)	83	-	-
260 to 499 acres farms	-	-	11	5	2	1
..... acres irrigated	-	-	724	336	(D)	(D)
500 to 999 acres farms	-	-	3	1	8	1
..... acres irrigated	-	-	(D)	(D)	1,147	(D)
1,000 to 1,999 acres farms	-	-	2	1	1	1
..... acres irrigated	-	-	(D)	(D)	(D)	(D)
2,000 acres or more farms	-	-	-	1	7	-
..... acres irrigated	-	-	-	(D)	2,940	-

--continued

Table 10. Irrigation: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Farms number, 2017	6	6	68	46	42	58
..... number, 2012	5	4	91	42	16	45
Land in irrigated farms acres, 2017	(D)	412	10,731	6,350	2,183	20,451
..... acres, 2012	523	245	9,595	7,211	1,071	14,235
Harvested cropland farms, 2017	6	5	68	46	41	58
..... farms, 2012	5	3	91	40	16	45
..... acres, 2017	(D)	44	9,350	2,818	91	17,069
..... acres, 2012	(D)	10	7,123	3,909	70	11,923
Other cropland, excluding cropland pastured farms, 2017	1	2	24	26	12	17
..... farms, 2012	3	3	30	24	11	23
..... acres, 2017	(D)	(D)	591	1,943	54	1,274
..... acres, 2012	(D)	66	1,173	851	118	614
Pastureland, excluding woodland pastured farms, 2017	-	2	7	9	7	13
..... farms, 2012	2	1	13	6	2	12
..... acres, 2017	-	(D)	54	74	111	89
..... acres, 2012	(D)	(D)	159	134	(D)	118
Irrigated land acres, 2017	(D)	7	4,286	1,014	66	4,186
..... acres, 2012	(D)	8	2,455	1,295	70	2,995
Harvested cropland farms, 2017	6	5	68	45	41	58
..... farms, 2012	5	3	89	40	16	45
..... acres, 2017	(D)	(D)	4,286	(D)	(D)	4,186
..... acres, 2012	(D)	(D)	2,429	(D)	70	2,995
Pastureland and other land farms, 2017	-	1	-	1	1	-
..... farms, 2012	-	1	3	2	-	-
..... acres, 2017	-	(D)	-	(D)	(D)	-
..... acres, 2012	-	(D)	26	(D)	-	-
Land irrigated at least once in the past five years (see text) farms, 2017	6	11	78	83	55	86
..... farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	(D)	72	5,040	1,857	183	7,599
..... acres, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	4	2	11	-	22	11
..... acres irrigated	4	(D)	13	-	25	11
10 to 49 acres farms	-	-	26	18	15	23
..... acres irrigated	-	-	172	32	29	133
50 to 69 acres farms	-	-	6	2	-	1
..... acres irrigated	-	-	18	(D)	-	(D)
70 to 99 acres farms	-	3	3	8	3	2
..... acres irrigated	-	(D)	187	56	(D)	(D)
100 to 139 acres farms	-	-	5	10	-	1
..... acres irrigated	-	-	(D)	12	-	(D)
140 to 179 acres farms	-	1	-	-	1	-
..... acres irrigated	-	(D)	-	-	(D)	-
180 to 219 acres farms	-	-	3	4	-	-
..... acres irrigated	-	-	135	229	-	-
220 to 259 acres farms	-	-	-	-	-	2
..... acres irrigated	-	-	-	-	-	(D)
260 to 499 acres farms	1	-	6	2	-	6
..... acres irrigated	(D)	-	592	(D)	-	310
500 to 999 acres farms	1	-	7	-	-	5
..... acres irrigated	(D)	-	2,289	-	-	1,099
1,000 to 1,999 acres farms	-	-	1	2	1	4
..... acres irrigated	-	-	(D)	(D)	(D)	805
2,000 acres or more farms	-	-	-	-	-	3
..... acres irrigated	-	-	-	-	-	(D)
2012 irrigated acres by size of farm:						
1 to 9 acres farms	2	1	19	4	3	4
..... acres irrigated	(D)	(D)	(D)	4	6	5
10 to 49 acres farms	-	2	38	14	8	13
..... acres irrigated	-	(D)	166	131	43	23
50 to 69 acres farms	2	-	5	2	-	6
..... acres irrigated	(D)	-	60	(D)	-	108
70 to 99 acres farms	-	-	4	7	-	3
..... acres irrigated	-	-	180	34	-	(D)
100 to 139 acres farms	-	-	6	4	1	3
..... acres irrigated	-	-	95	35	(D)	74
140 to 179 acres farms	-	1	2	-	2	3
..... acres irrigated	-	(D)	(D)	-	(D)	72
180 to 219 acres farms	-	-	1	1	2	1
..... acres irrigated	-	-	(D)	(D)	(D)	(D)
220 to 259 acres farms	-	-	2	2	-	1
..... acres irrigated	-	-	(D)	(D)	-	(D)
260 to 499 acres farms	1	-	10	5	-	2
..... acres irrigated	(D)	-	838	210	-	(D)
500 to 999 acres farms	-	-	4	1	-	2
..... acres irrigated	-	-	972	(D)	-	(D)
1,000 to 1,999 acres farms	-	-	-	2	-	6
..... acres irrigated	-	-	-	(D)	-	950
2,000 acres or more farms	-	-	-	-	-	1
..... acres irrigated	-	-	-	-	-	(D)

--continued

Table 10. Irrigation: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Farms number, 2017	66	16	34	50	88	123
..... number, 2012	53	15	32	53	87	151
Land in irrigated farms acres, 2017	32,916	507	3,791	42,144	24,590	129,517
..... acres, 2012	29,129	437	6,795	34,578	33,127	120,214
Harvested cropland farms, 2017	64	16	34	50	83	123
..... farms, 2012	51	15	32	53	87	149
..... acres, 2017	29,170	191	2,746	35,896	22,803	117,532
..... acres, 2012	24,713	64	5,491	29,077	30,805	104,844
Other cropland, excluding cropland pastured farms, 2017	24	10	18	14	26	39
..... farms, 2012	12	6	11	12	23	42
..... acres, 2017	752	20	155	1,749	461	3,254
..... acres, 2012	288	66	311	1,047	646	1,933
Pastureland, excluding woodland pastured farms, 2017	38	5	6	13	16	26
..... farms, 2012	26	4	7	13	12	50
..... acres, 2017	1,329	52	32	1,255	101	1,931
..... acres, 2012	774	73	23	1,147	80	1,964
Irrigated land acres, 2017	17,642	102	639	8,513	4,281	59,511
..... acres, 2012	14,398	30	996	7,477	9,752	55,870
Harvested cropland farms, 2017	62	12	34	50	81	121
..... farms, 2012	50	15	30	53	87	149
..... acres, 2017	17,412	94	639	8,513	4,222	59,331
..... acres, 2012	14,252	30	(D)	(D)	9,752	55,789
Pastureland and other land farms, 2017	5	4	-	-	7	4
..... farms, 2012	6	-	2	1	-	7
..... acres, 2017	230	8	-	-	59	180
..... acres, 2012	146	-	(D)	(D)	-	81
Land irrigated at least once in the past five years (see text) farms, 2017	82	17	45	54	112	144
..... farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	18,553	110	757	10,508	6,414	65,516
..... acres, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	7	10	7	8	30	4
..... acres irrigated	8	(D)	11	11	56	(D)
10 to 49 acres farms	10	1	16	7	28	30
..... acres irrigated	57	(D)	38	48	168	316
50 to 69 acres farms	5	4	-	2	2	2
..... acres irrigated	47	16	-	(D)	(D)	(D)
70 to 99 acres farms	13	-	4	2	1	3
..... acres irrigated	208	-	(D)	(D)	(D)	143
100 to 139 acres farms	4	-	1	-	5	10
..... acres irrigated	(D)	-	(D)	-	(D)	231
140 to 179 acres farms	2	-	4	5	2	5
..... acres irrigated	(D)	-	90	148	(D)	212
180 to 219 acres farms	2	1	-	1	2	1
..... acres irrigated	(D)	(D)	-	(D)	(D)	(D)
220 to 259 acres farms	-	-	-	-	1	3
..... acres irrigated	-	-	-	-	(D)	422
260 to 499 acres farms	9	-	-	3	6	8
..... acres irrigated	1,180	-	-	252	247	854
500 to 999 acres farms	6	-	1	9	2	23
..... acres irrigated	1,208	-	(D)	1,633	(D)	6,672
1,000 to 1,999 acres farms	4	-	1	6	7	17
..... acres irrigated	1,420	-	(D)	1,540	2,209	6,505
2,000 acres or more farms	4	-	-	7	2	17
..... acres irrigated	13,409	-	-	4,722	(D)	44,012
2012 irrigated acres by size of farm:						
1 to 9 acres farms	2	7	12	9	25	7
..... acres irrigated	(D)	8	16	15	50	11
10 to 49 acres farms	9	2	12	13	27	27
..... acres irrigated	132	(D)	18	68	68	149
50 to 69 acres farms	8	5	2	2	4	10
..... acres irrigated	60	15	(D)	(D)	51	(D)
70 to 99 acres farms	11	-	1	-	-	7
..... acres irrigated	312	-	(D)	-	-	221
100 to 139 acres farms	2	1	-	-	7	14
..... acres irrigated	(D)	(D)	-	-	159	311
140 to 179 acres farms	1	-	1	2	3	10
..... acres irrigated	(D)	-	(D)	(D)	(D)	698
180 to 219 acres farms	3	-	1	3	1	8
..... acres irrigated	23	-	(D)	(D)	(D)	517
220 to 259 acres farms	-	-	-	2	2	2
..... acres irrigated	-	-	-	(D)	(D)	(D)
260 to 499 acres farms	3	-	-	4	5	7
..... acres irrigated	300	-	-	221	6	972
500 to 999 acres farms	5	-	-	7	-	25
..... acres irrigated	854	-	-	1,628	-	6,503
1,000 to 1,999 acres farms	5	-	1	8	10	17
..... acres irrigated	2,491	-	(D)	3,427	2,937	8,613
2,000 acres or more farms	4	-	2	3	3	17
..... acres irrigated	10,172	-	(D)	1,901	(D)	37,576

--continued

Table 10. Irrigation: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Farms number, 2017	4	104	98	83	70	5
..... 2012	1	83	71	85	83	8
Land in irrigated farms acres, 2017	135	13,352	39,822	3,671	61,572	(D)
..... 2012	(D)	29,952	22,247	3,304	46,552	1,047
Harvested cropland farms, 2017	4	98	92	75	70	5
..... 2012	1	79	69	73	81	8
..... acres, 2017	47	8,138	33,227	1,575	46,021	(D)
..... 2012	(D)	18,868	18,769	1,388	34,655	(D)
Other cropland, excluding cropland pastured farms, 2017	4	35	39	16	43	-
..... 2012	-	26	29	14	39	2
..... acres, 2017	13	872	1,300	642	4,575	-
..... 2012	-	629	606	74	2,801	(D)
Pastureland, excluding woodland pastured farms, 2017	3	26	43	16	16	2
..... 2012	-	13	17	25	23	-
..... acres, 2017	66	319	906	180	616	(D)
..... 2012	-	115	216	476	849	-
Irrigated land acres, 2017	5	3,642	11,982	624	13,131	(D)
..... 2012	(D)	9,451	7,538	659	10,427	76
Harvested cropland farms, 2017	4	95	86	75	70	5
..... 2012	1	77	69	73	77	8
..... acres, 2017	5	3,360	11,944	587	(D)	(D)
..... 2012	(D)	9,397	7,530	626	10,293	(D)
Pastureland and other land farms, 2017	-	14	12	9	4	-
..... 2012	-	10	3	12	8	2
..... acres, 2017	-	282	38	37	(D)	-
..... 2012	-	54	8	33	134	(D)
Land irrigated at least once in the past five years (see text) farms, 2017	4	130	125	109	96	11
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	17	4,092	13,049	840	17,608	213
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	-	25	5	35	1	2
..... acres irrigated	-	37	6	57	(D)	(D)
10 to 49 acres farms	4	49	23	24	12	-
..... acres irrigated	5	226	47	67	95	-
50 to 69 acres farms	-	12	6	4	4	-
..... acres irrigated	-	242	156	46	40	-
70 to 99 acres farms	-	1	5	9	1	2
..... acres irrigated	-	(D)	39	139	(D)	(D)
100 to 139 acres farms	-	5	11	1	1	-
..... acres irrigated	-	199	462	(D)	(D)	-
140 to 179 acres farms	-	-	1	4	3	-
..... acres irrigated	-	-	(D)	272	260	-
180 to 219 acres farms	-	-	6	3	2	-
..... acres irrigated	-	-	6	9	(D)	-
220 to 259 acres farms	-	2	5	2	-	-
..... acres irrigated	-	(D)	330	(D)	-	-
260 to 499 acres farms	-	1	10	1	10	-
..... acres irrigated	-	(D)	796	(D)	432	-
500 to 999 acres farms	-	7	12	-	11	-
..... acres irrigated	-	1,259	3,609	-	939	-
1,000 to 1,999 acres farms	-	1	12	-	19	1
..... acres irrigated	-	(D)	5,290	-	4,467	(D)
2,000 acres or more farms	-	1	2	-	6	-
..... acres irrigated	-	(D)	(D)	-	6,661	-
2012 irrigated acres by size of farm:						
1 to 9 acres farms	-	14	10	33	4	1
..... acres irrigated	-	21	10	47	(D)	(D)
10 to 49 acres farms	-	42	21	40	10	6
..... acres irrigated	-	193	(D)	183	26	(D)
50 to 69 acres farms	1	3	4	2	8	-
..... acres irrigated	(D)	(D)	49	(D)	70	-
70 to 99 acres farms	-	5	4	3	13	-
..... acres irrigated	-	(D)	20	(D)	248	-
100 to 139 acres farms	-	1	6	-	1	-
..... acres irrigated	-	(D)	245	-	(D)	-
140 to 179 acres farms	-	3	5	4	2	-
..... acres irrigated	-	52	192	222	(D)	-
180 to 219 acres farms	-	2	1	1	4	-
..... acres irrigated	-	(D)	(D)	(D)	207	-
220 to 259 acres farms	-	2	-	-	4	-
..... acres irrigated	-	(D)	-	-	71	-
260 to 499 acres farms	-	2	8	1	11	-
..... acres irrigated	-	(D)	394	(D)	714	-
500 to 999 acres farms	-	3	4	1	10	1
..... acres irrigated	-	(D)	1,591	(D)	570	(D)
1,000 to 1,999 acres farms	-	2	6	-	11	-
..... acres irrigated	-	(D)	3,327	-	3,275	-
2,000 acres or more farms	-	4	2	-	5	-
..... acres irrigated	-	7,210	(D)	-	5,188	-

--continued

Table 10. Irrigation: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Farms number, 2017	4	23	3	21	283	18
..... number, 2012	4	29	5	19	330	13
Land in irrigated farms acres, 2017	1,514	10,595	72	4,299	70,104	9,293
..... acres, 2012	718	6,130	596	4,405	59,461	5,307
Harvested cropland farms, 2017	4	21	1	18	277	18
..... farms, 2012	4	29	5	18	327	13
..... acres, 2017	12	8,020	(D)	2,154	60,041	7,532
..... acres, 2012	12	4,839	224	2,320	47,447	3,857
Other cropland, excluding cropland pastured farms, 2017	-	7	1	4	76	11
..... farms, 2012	-	12	-	5	66	4
..... acres, 2017	-	442	(D)	(D)	1,661	497
..... acres, 2012	(D)	333	-	221	1,468	(D)
Pastureland, excluding woodland pastured farms, 2017	-	13	2	6	36	7
..... farms, 2012	2	15	4	2	45	3
..... acres, 2017	-	259	(D)	111	691	237
..... acres, 2012	(D)	167	90	(D)	1,064	(D)
Irrigated land acres, 2017	(D)	2,027	(D)	1,127	23,036	1,761
..... acres, 2012	12	1,429	6	1,233	18,090	1,384
Harvested cropland farms, 2017	4	20	1	18	275	15
..... farms, 2012	4	28	5	18	327	13
..... acres, 2017	(D)	1,937	(D)	1,111	23,004	1,743
..... acres, 2012	12	(D)	6	(D)	18,040	1,384
Pastureland and other land farms, 2017	-	3	2	3	9	2
..... farms, 2012	-	1	-	1	7	-
..... acres, 2017	-	90	(D)	16	32	18
..... acres, 2012	-	(D)	-	(D)	50	-
Land irrigated at least once in the past five years (see text) farms, 2017	4	33	19	35	334	31
..... farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	6	2,674	49	1,214	26,628	3,026
..... acres, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	-	4	-	8	75	-
..... acres irrigated	-	4	-	10	195	-
10 to 49 acres farms	-	8	3	5	95	3
..... acres irrigated	-	10	(D)	13	800	3
50 to 69 acres farms	2	-	-	-	17	1
..... acres irrigated	(D)	-	-	-	592	(D)
70 to 99 acres farms	-	3	-	4	12	2
..... acres irrigated	-	8	-	145	345	(D)
100 to 139 acres farms	-	2	-	-	23	6
..... acres irrigated	-	(D)	-	-	918	62
140 to 179 acres farms	-	1	-	-	9	-
..... acres irrigated	-	(D)	-	-	629	-
180 to 219 acres farms	-	-	-	1	9	-
..... acres irrigated	-	-	-	(D)	534	-
220 to 259 acres farms	-	-	-	-	8	-
..... acres irrigated	-	-	-	-	892	-
260 to 499 acres farms	-	-	-	-	11	-
..... acres irrigated	-	-	-	-	1,772	-
500 to 999 acres farms	2	2	-	1	8	3
..... acres irrigated	(D)	(D)	-	(D)	1,956	579
1,000 to 1,999 acres farms	-	-	-	2	10	2
..... acres irrigated	-	-	-	(D)	3,754	(D)
2,000 acres or more farms	-	3	-	-	6	1
..... acres irrigated	-	(D)	-	-	10,649	(D)
2012 irrigated acres by size of farm:						
1 to 9 acres farms	-	4	-	5	101	3
..... acres irrigated	-	4	-	19	236	3
10 to 49 acres farms	3	16	1	5	97	-
..... acres irrigated	(D)	36	(D)	11	816	-
50 to 69 acres farms	-	-	2	-	17	2
..... acres irrigated	-	-	(D)	-	208	(D)
70 to 99 acres farms	-	3	-	1	18	-
..... acres irrigated	-	19	-	(D)	589	-
100 to 139 acres farms	-	-	-	2	16	-
..... acres irrigated	-	-	-	(D)	378	-
140 to 179 acres farms	-	1	-	-	13	1
..... acres irrigated	-	(D)	-	-	612	(D)
180 to 219 acres farms	-	-	-	-	15	1
..... acres irrigated	-	-	-	-	852	(D)
220 to 259 acres farms	-	-	2	-	12	2
..... acres irrigated	-	-	(D)	-	1,183	(D)
260 to 499 acres farms	-	2	-	2	14	-
..... acres irrigated	-	(D)	-	(D)	1,844	-
500 to 999 acres farms	1	1	-	3	13	2
..... acres irrigated	(D)	(D)	-	(D)	2,604	(D)
1,000 to 1,999 acres farms	-	1	-	1	9	2
..... acres irrigated	-	(D)	-	(D)	4,403	(D)
2,000 acres or more farms	-	1	-	-	5	-
..... acres irrigated	-	(D)	-	-	4,365	-

--continued

Table 10. Irrigation: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Farms number, 2017	8	49	79	259	61	5
..... 2012	10	45	49	273	43	3
Land in irrigated farms acres, 2017	1,854	42,823	6,423	194,431	9,682	285
..... 2012	1,714	25,679	3,156	174,730	12,655	(D)
Harvested cropland farms, 2017	7	49	71	258	61	5
..... 2012	10	45	47	271	43	3
..... acres, 2017	1,474	40,795	4,280	173,844	7,720	83
..... 2012	510	22,462	1,285	156,822	9,860	(D)
Other cropland, excluding cropland pastured farms, 2017	4	14	27	68	23	-
..... 2012	3	9	16	52	6	2
..... acres, 2017	213	1,752	1,050	7,372	268	-
..... 2012	29	131	197	1,701	162	(D)
Pastureland, excluding woodland pastured farms, 2017	4	4	16	41	31	-
..... 2012	8	4	7	55	23	-
..... acres, 2017	(D)	20	137	1,063	587	-
..... 2012	330	(D)	34	1,098	715	-
Irrigated land acres, 2017	677	1,687	966	123,099	1,742	7
..... 2012	269	2,346	360	112,442	1,752	(D)
Harvested cropland farms, 2017	7	47	70	258	60	5
..... 2012	8	45	46	271	43	3
..... acres, 2017	(D)	(D)	899	123,022	(D)	7
..... 2012	(D)	(D)	349	112,130	(D)	(D)
Pastureland and other land farms, 2017	1	2	9	5	1	-
..... 2012	3	1	3	6	2	-
..... acres, 2017	(D)	(D)	67	77	(D)	-
..... 2012	(D)	(D)	11	312	(D)	-
Land irrigated at least once in the past five years (see text) farms, 2017	8	58	95	307	85	11
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	837	3,184	1,705	147,925	2,661	208
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	1	20	12	3	9	3
..... acres irrigated	(D)	30	18	3	15	(D)
10 to 49 acres farms	-	18	41	19	27	-
..... acres irrigated	-	182	305	154	111	-
50 to 69 acres farms	1	-	11	11	10	-
..... acres irrigated	(D)	-	106	305	40	-
70 to 99 acres farms	-	1	3	22	5	-
..... acres irrigated	-	(D)	(D)	1,202	85	-
100 to 139 acres farms	3	1	-	12	-	2
..... acres irrigated	(D)	(D)	-	1,063	-	(D)
140 to 179 acres farms	-	-	2	10	1	-
..... acres irrigated	-	-	(D)	658	(D)	-
180 to 219 acres farms	-	-	1	10	1	-
..... acres irrigated	-	-	(D)	1,068	(D)	-
220 to 259 acres farms	-	-	2	15	-	-
..... acres irrigated	-	-	(D)	2,129	-	-
260 to 499 acres farms	3	3	6	58	4	-
..... acres irrigated	650	488	348	14,797	237	-
500 to 999 acres farms	-	-	-	29	1	-
..... acres irrigated	-	-	-	10,883	(D)	-
1,000 to 1,999 acres farms	-	1	1	39	3	-
..... acres irrigated	-	(D)	(D)	31,279	770	-
2,000 acres or more farms	-	5	-	31	-	-
..... acres irrigated	-	821	-	59,558	-	-
2012 irrigated acres by size of farm:						
1 to 9 acres farms	1	10	7	3	4	1
..... acres irrigated	(D)	12	9	3	4	(D)
10 to 49 acres farms	3	21	27	26	9	-
..... acres irrigated	4	53	133	(D)	26	-
50 to 69 acres farms	-	2	4	17	3	-
..... acres irrigated	-	(D)	25	540	7	-
70 to 99 acres farms	2	2	4	24	6	2
..... acres irrigated	(D)	(D)	(D)	849	21	(D)
100 to 139 acres farms	-	2	1	3	2	-
..... acres irrigated	-	(D)	(D)	(D)	(D)	-
140 to 179 acres farms	2	1	3	30	3	-
..... acres irrigated	(D)	(D)	3	2,113	(D)	-
180 to 219 acres farms	-	-	1	5	1	-
..... acres irrigated	-	-	(D)	612	(D)	-
220 to 259 acres farms	-	-	-	11	5	-
..... acres irrigated	-	-	-	1,525	23	-
260 to 499 acres farms	1	-	1	53	3	-
..... acres irrigated	(D)	-	(D)	9,516	(D)	-
500 to 999 acres farms	1	1	1	44	3	-
..... acres irrigated	(D)	(D)	(D)	18,376	(D)	-
1,000 to 1,999 acres farms	-	2	-	32	3	-
..... acres irrigated	-	(D)	-	24,542	225	-
2,000 acres or more farms	-	4	-	25	1	-
..... acres irrigated	-	1,117	-	54,003	(D)	-

--continued

Table 10. Irrigation: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Farms number, 2017	28	74	215	145	89	34
..... number, 2012	27	84	233	147	74	32
Land in irrigated farms acres, 2017	11,010	41,423	81,945	20,109	2,289	7,014
..... acres, 2012	7,670	28,878	89,061	21,870	2,393	3,554
Harvested cropland farms, 2017	28	71	215	143	89	34
..... farms, 2012	27	84	233	140	74	32
..... acres, 2017	9,155	38,190	70,037	15,665	1,621	5,010
..... acres, 2012	5,913	24,498	69,299	16,122	1,180	1,821
Other cropland, excluding cropland pastured farms, 2017	5	20	55	63	20	13
..... farms, 2012	8	44	68	44	14	16
..... acres, 2017	198	406	1,165	874	299	726
..... acres, 2012	217	1,044	1,447	560	273	680
Pastureland, excluding woodland pastured farms, 2017	6	22	28	54	11	5
..... farms, 2012	5	22	32	38	6	16
..... acres, 2017	97	667	405	780	31	21
..... acres, 2012	79	873	756	669	21	217
Irrigated land acres, 2017	1,506	8,746	35,599	3,978	576	4,289
..... acres, 2012	821	5,400	34,046	3,565	341	906
Harvested cropland farms, 2017	27	70	212	140	89	34
..... farms, 2012	27	83	231	140	74	32
..... acres, 2017	(D)	8,696	35,527	3,822	576	4,289
..... acres, 2012	821	(D)	34,003	3,555	341	(D)
Pastureland and other land farms, 2017	2	4	5	8	-	-
..... farms, 2012	-	2	3	8	-	2
..... acres, 2017	(D)	50	72	156	-	-
..... acres, 2012	-	(D)	43	10	-	(D)
Land irrigated at least once in the past five years (see text) farms, 2017	47	100	251	193	95	55
..... farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres, 2017	2,169	10,019	36,957	6,640	638	4,598
..... acres, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017 irrigated acres by size of farm:						
1 to 9 acres farms	4	11	29	33	52	14
..... acres irrigated	4	14	50	55	83	47
10 to 49 acres farms	12	19	48	70	30	9
..... acres irrigated	23	87	539	327	134	17
50 to 69 acres farms	2	2	38	8	2	-
..... acres irrigated	(D)	(D)	1,039	19	(D)	-
70 to 99 acres farms	-	7	13	4	1	-
..... acres irrigated	-	202	245	25	(D)	-
100 to 139 acres farms	1	2	21	6	1	2
..... acres irrigated	(D)	(D)	691	(D)	(D)	(D)
140 to 179 acres farms	1	1	11	7	-	-
..... acres irrigated	(D)	(D)	608	153	-	-
180 to 219 acres farms	2	-	6	1	-	-
..... acres irrigated	(D)	-	648	(D)	-	-
220 to 259 acres farms	-	1	6	-	1	1
..... acres irrigated	-	(D)	354	-	(D)	(D)
260 to 499 acres farms	3	9	16	6	-	2
..... acres irrigated	310	1,494	1,853	496	-	(D)
500 to 999 acres farms	1	8	10	4	2	5
..... acres irrigated	(D)	1,209	2,771	446	(D)	2,100
1,000 to 1,999 acres farms	-	8	10	4	-	-
..... acres irrigated	-	3,426	4,827	870	-	-
2,000 acres or more farms	2	6	7	2	-	1
..... acres irrigated	(D)	2,139	21,974	(D)	-	(D)
2012 irrigated acres by size of farm:						
1 to 9 acres farms	1	7	17	21	39	3
..... acres irrigated	(D)	8	44	30	(D)	4
10 to 49 acres farms	9	29	82	72	29	16
..... acres irrigated	15	83	682	339	110	71
50 to 69 acres farms	5	3	15	14	-	1
..... acres irrigated	15	61	326	106	-	(D)
70 to 99 acres farms	2	7	18	10	1	2
..... acres irrigated	(D)	79	330	206	(D)	(D)
100 to 139 acres farms	-	6	23	3	-	5
..... acres irrigated	-	51	761	7	-	48
140 to 179 acres farms	2	2	12	6	-	2
..... acres irrigated	(D)	(D)	877	28	-	(D)
180 to 219 acres farms	-	2	14	1	2	-
..... acres irrigated	-	(D)	1,003	(D)	(D)	-
220 to 259 acres farms	2	2	6	1	-	-
..... acres irrigated	(D)	(D)	392	(D)	-	-
260 to 499 acres farms	3	7	18	6	2	-
..... acres irrigated	158	390	2,080	301	(D)	-
500 to 999 acres farms	1	9	15	6	1	3
..... acres irrigated	(D)	1,789	3,310	709	(D)	(D)
1,000 to 1,999 acres farms	1	7	6	5	-	-
..... acres irrigated	(D)	1,950	2,757	1,324	-	-
2,000 acres or more farms	1	3	7	2	-	-
..... acres irrigated	(D)	(D)	21,484	(D)	-	-

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	
INVENTORY							
Cattle and calves	farms, 2017	12,221	55	36	390	138	59
	2012	13,626	81	30	362	189	96
	number, 2017	1,201,383	3,300	2,215	61,421	8,085	3,736
	2012	1,130,477	4,250	1,963	48,516	8,838	4,566
Farms by inventory:							
1 to 9	farms, 2017	4,620	15	16	151	51	16
	2012	5,268	32	10	145	58	41
	number, 2017	20,606	66	92	718	254	72
	2012	23,482	(D)	(D)	629	233	(D)
10 to 19	farms, 2017	2,174	13	4	65	23	5
	2012	2,593	15	4	60	39	21
	number, 2017	29,279	193	(D)	867	295	(D)
	2012	35,138	199	63	774	542	304
20 to 49	farms, 2017	2,376	9	6	63	25	27
	2012	2,616	16	6	49	50	17
	number, 2017	73,212	287	250	1,949	806	779
	2012	78,927	482	169	1,409	1,601	543
50 to 99	farms, 2017	1,132	8	2	23	23	6
	2012	1,193	10	2	33	22	5
	number, 2017	76,620	571	(D)	1,503	1,556	450
	2012	80,493	631	(D)	2,170	1,353	395
100 to 199	farms, 2017	765	7	4	35	5	-
	2012	837	3	5	30	12	7
	number, 2017	104,095	773	514	4,792	744	-
	2012	115,278	441	637	4,070	1,489	1,010
200 to 499	farms, 2017	681	1	4	21	8	3
	2012	703	3	3	19	5	4
	number, 2017	213,335	(D)	1,152	7,261	2,805	869
	2012	213,107	1,270	907	6,477	1,540	1,497
500 or more	farms, 2017	473	2	-	32	3	2
	2012	416	2	-	26	3	1
	number, 2017	684,236	(D)	-	44,331	1,625	(D)
	2012	584,052	(D)	-	32,987	2,080	(D)
Cows and heifers that calved	farms, 2017	9,243	45	27	304	113	45
	2012	10,113	70	22	274	146	67
	number, 2017	545,554	1,892	1,042	29,112	5,329	1,570
	2012	484,381	2,491	1,066	23,000	4,530	1,856
Beef cows	farms, 2017	7,445	34	17	216	80	43
	2012	8,016	63	17	197	111	65
	number, 2017	103,522	715	554	2,382	1,078	(D)
	2012	108,126	1,174	658	3,222	1,383	(D)
2017 farms by inventory:							
1 to 9	farms	4,341	13	8	149	41	16
	number	17,933	73	39	661	(D)	83
10 to 19	farms	1,557	8	1	36	20	14
	number	20,529	97	(D)	484	270	209
20 to 49	farms	1,198	9	4	25	18	10
	number	33,981	252	144	650	542	281
50 to 99	farms	263	4	2	3	1	2
	number	16,925	293	(D)	154	(D)	(D)
100 to 199	farms	68	-	2	3	-	1
	number	8,448	-	(D)	433	-	(D)
200 to 499	farms	16	-	-	-	-	-
	number	(D)	-	-	-	-	-
500 or more	farms	2	-	-	-	-	-
	number	(D)	-	-	-	-	-
Milk cows	farms, 2017	2,158	11	10	104	33	2
	2012	2,409	8	7	81	37	2
	number, 2017	442,032	1,177	488	26,730	4,251	(D)
	2012	376,255	1,317	408	19,778	3,147	(D)
2017 farms by inventory:							
1 to 9	farms	582	2	5	29	-	-
	number	1,520	(D)	(D)	67	-	-
10 to 19	farms	124	-	-	-	-	-
	number	1,662	-	-	-	-	-
20 to 49	farms	338	3	2	21	12	-
	number	10,986	(D)	(D)	663	396	-
50 to 99	farms	353	4	-	13	9	-
	number	23,871	240	-	997	560	-
100 to 199	farms	303	-	3	12	4	-
	number	42,077	-	412	1,575	665	-
200 to 499	farms	270	1	-	17	8	2
	number	81,805	(D)	-	5,190	2,630	(D)
500 or more	farms	188	1	-	12	-	-
	number	280,111	(D)	-	18,238	-	-
Other cattle (see text)	farms, 2017	9,557	50	32	298	106	46
	2012	11,023	66	28	277	164	77
	number, 2017	655,829	1,408	1,173	32,309	2,756	2,166
	2012	646,096	1,759	897	25,516	4,308	2,710
2017 farms by inventory:							
1 to 9	farms	4,273	25	15	130	57	16
	number	18,242	108	65	551	259	(D)
10 to 19	farms	1,628	7	3	43	14	14
	number	21,557	115	(D)	566	206	209
20 to 49	farms	1,569	15	7	42	23	8
	number	47,170	543	246	1,205	701	243
50 to 99	farms	763	1	3	15	6	3
	number	51,408	(D)	195	1,072	405	184
100 to 199	farms	564	-	3	25	3	3
	number	76,206	-	410	3,432	510	390
200 to 499	farms	496	2	1	24	3	1
	number	147,477	(D)	(D)	6,891	675	(D)
500 or more	farms	264	-	-	19	-	1
	number	293,769	-	-	18,592	-	(D)

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
INVENTORY						
Cattle and calves .....farms, 2017	65	40	359	71	40	99
2012	71	25	343	91	32	114
number, 2017	7,924	1,718	40,819	7,313	1,137	3,804
2012	8,219	1,373	35,418	5,117	1,062	4,324
Farms by inventory:						
1 to 9 .....farms, 2017	15	15	164	23	21	49
2012	24	4	165	35	11	56
number, 2017	77	(D)	798	88	88	211
2012	126	19	809	(D)	52	263
10 to 19 .....farms, 2017	10	9	70	20	7	24
2012	10	5	60	25	7	18
number, 2017	120	98	974	274	117	339
2012	119	73	770	328	91	235
20 to 49 .....farms, 2017	14	6	59	5	6	16
2012	13	8	71	14	7	27
number, 2017	423	165	1,684	144	197	510
2012	367	219	2,134	403	194	783
50 to 99 .....farms, 2017	5	2	22	9	2	4
2012	4	2	10	7	4	4
number, 2017	334	(D)	1,563	553	(D)	314
2012	243	(D)	640	469	277	(D)
100 to 199 .....farms, 2017	10	5	10	3	3	3
2012	8	4	7	2	7	7
number, 2017	1,403	631	1,380	359	415	430
2012	1,317	486	918	(D)	(D)	1,029
200 to 499 .....farms, 2017	8	3	16	4	1	2
2012	6	2	16	4	1	1
number, 2017	2,045	600	5,425	846	(D)	(D)
2012	1,650	(D)	5,334	882	(D)	(D)
500 or more .....farms, 2017	3	-	18	7	-	1
2012	6	-	14	4	-	4
number, 2017	3,522	-	28,995	5,049	-	(D)
2012	4,397	-	24,813	2,555	-	(D)
Cows and heifers that calved .....farms, 2017	54	35	279	58	28	76
2012	55	17	261	67	17	79
number, 2017	4,180	698	19,627	3,844	253	1,949
2012	4,125	569	17,513	2,390	229	2,058
Beef cows .....farms, 2017	42	33	254	48	28	71
2012	37	17	226	59	17	70
number, 2017	732	(D)	3,147	883	(D)	837
2012	564	569	2,826	752	229	899
2017 farms by inventory:						
1 to 9 .....farms	18	19	159	22	22	40
number	74	74	704	(D)	92	(D)
10 to 19 .....farms	14	3	50	14	3	15
number	193	(D)	640	177	(D)	181
20 to 49 .....farms	7	4	35	8	3	14
number	220	93	922	201	108	340
50 to 99 .....farms	2	7	6	3	-	1
number	(D)	498	396	249	-	(D)
100 to 199 .....farms	1	-	4	1	-	1
number	(D)	-	485	(D)	-	(D)
200 to 499 .....farms	-	-	-	-	-	-
number	-	-	-	-	-	-
500 or more .....farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Milk cows .....farms, 2017	13	2	36	11	2	5
2012	20	-	41	9	-	9
number, 2017	3,448	(D)	16,480	2,961	(D)	1,112
2012	3,561	-	14,687	1,638	-	1,159
2017 farms by inventory:						
1 to 9 .....farms	-	2	11	-	2	-
number	-	(D)	(D)	-	(D)	-
10 to 19 .....farms	-	-	-	-	-	-
number	-	-	-	-	-	-
20 to 49 .....farms	-	-	-	-	-	1
number	-	-	-	-	-	(D)
50 to 99 .....farms	2	-	2	3	-	2
number	(D)	-	(D)	(D)	-	(D)
100 to 199 .....farms	4	-	7	1	-	1
number	412	-	860	(D)	-	(D)
200 to 499 .....farms	5	-	6	7	-	-
number	1,340	-	2,103	2,658	-	-
500 or more .....farms	2	-	10	-	-	1
number	(D)	-	13,363	-	-	(D)
Other cattle (see text) .....farms, 2017	53	28	264	51	33	63
2012	57	22	288	70	23	89
number, 2017	3,744	1,020	21,192	3,469	884	1,855
2012	4,094	804	17,905	2,727	833	2,266
2017 farms by inventory:						
1 to 9 .....farms	18	16	147	20	22	39
number	85	88	679	(D)	113	148
10 to 19 .....farms	11	3	40	8	5	11
number	(D)	(D)	531	112	63	129
20 to 49 .....farms	4	2	27	10	2	6
number	118	(D)	806	294	(D)	154
50 to 99 .....farms	9	4	17	2	-	4
number	702	255	1,143	(D)	-	336
100 to 199 .....farms	7	-	7	4	3	1
number	803	-	879	500	415	(D)
200 to 499 .....farms	2	3	15	7	1	1
number	(D)	600	5,205	2,317	(D)	(D)
500 or more .....farms	2	-	11	-	-	1
number	(D)	-	11,949	-	-	(D)

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa	
INVENTORY							
Cattle and calves	farms, 2017	239	246	197	61	82	130
	2012	252	243	176	92	96	122
	number, 2017	13,742	17,068	5,229	2,172	3,041	5,576
	2012	12,370	13,845	4,359	3,185	3,291	6,309
Farms by inventory:							
1 to 9	farms, 2017	112	88	111	27	34	52
	2012	109	80	88	45	44	36
	number, 2017	535	379	517	(D)	146	240
	2012	423	406	(D)	208	201	144
10 to 19	farms, 2017	34	49	31	16	17	19
	2012	38	47	37	19	25	24
	number, 2017	519	737	(D)	194	(D)	272
	2012	506	663	511	287	325	345
20 to 49	farms, 2017	42	56	28	10	24	33
	2012	51	73	32	16	16	23
	number, 2017	1,373	1,697	763	299	799	989
	2012	1,580	2,269	943	490	427	671
50 to 99	farms, 2017	24	27	22	3	-	10
	2012	24	15	13	3	5	20
	number, 2017	1,522	1,900	1,419	195	-	765
	2012	1,636	1,092	926	219	308	1,373
100 to 199	farms, 2017	14	13	3	2	3	11
	2012	19	18	2	6	2	13
	number, 2017	1,806	1,948	432	(D)	414	1,551
	2012	2,619	2,484	(D)	885	(D)	1,747
200 to 499	farms, 2017	8	6	-	3	3	5
	2012	7	5	4	3	2	6
	number, 2017	3,147	1,427	-	1,042	895	1,759
	2012	1,996	1,236	1,290	1,096	(D)	2,029
500 or more	farms, 2017	5	7	2	-	1	-
	2012	4	5	-	-	2	-
	number, 2017	4,840	8,980	(D)	-	(D)	-
	2012	3,610	5,695	-	-	(D)	-
Cows and heifers that calved	farms, 2017	171	193	162	50	75	109
	2012	192	187	119	60	79	102
	number, 2017	5,052	6,942	2,579	1,059	1,799	2,573
	2012	5,355	6,568	2,237	1,441	1,569	2,792
Beef cows	farms, 2017	143	168	153	41	71	98
	2012	149	157	114	54	72	92
	number, 2017	1,812	1,964	1,845	543	1,155	1,937
	2012	1,767	1,919	1,746	720	796	2,118
2017 farms by inventory:							
1 to 9	farms	87	103	97	25	41	56
	number	387	456	419	(D)	159	243
10 to 19	farms	25	35	33	9	13	16
	number	364	479	406	116	162	(D)
20 to 49	farms	28	26	17	6	14	16
	number	816	769	408	163	329	467
50 to 99	farms	2	4	4	-	1	8
	number	(D)	260	(D)	-	(D)	573
100 to 199	farms	1	-	1	1	1	1
	number	(D)	-	(D)	(D)	(D)	(D)
200 to 499	farms	-	-	1	-	1	1
	number	-	-	(D)	-	(D)	(D)
500 or more	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Milk cows	farms, 2017	35	32	13	12	7	14
	2012	49	40	16	9	7	11
	number, 2017	3,240	4,978	734	516	644	636
	2012	3,588	4,649	491	721	773	674
2017 farms by inventory:							
1 to 9	farms	14	12	7	8	-	8
	number	54	50	18	9	-	(D)
10 to 19	farms	7	6	2	-	2	-
	number	108	78	(D)	-	(D)	-
20 to 49	farms	2	2	2	1	-	-
	number	(D)	(D)	(D)	(D)	-	-
50 to 99	farms	3	4	-	1	3	4
	number	200	278	-	(D)	240	267
100 to 199	farms	2	2	1	1	1	1
	number	(D)	(D)	(D)	(D)	(D)	(D)
200 to 499	farms	5	3	-	1	1	1
	number	1,160	950	-	(D)	(D)	(D)
500 or more	farms	2	3	1	-	-	-
	number	(D)	3,362	(D)	-	-	-
Other cattle (see text)	farms, 2017	183	202	133	47	58	97
	2012	187	198	143	80	71	100
	number, 2017	8,690	10,126	2,650	1,113	1,242	3,003
	2012	7,015	7,277	2,122	1,744	1,722	3,517
2017 farms by inventory:							
1 to 9	farms	100	87	76	25	31	40
	number	430	404	336	101	130	(D)
10 to 19	farms	27	44	25	11	10	20
	number	361	599	(D)	140	(D)	246
20 to 49	farms	21	30	24	5	10	18
	number	612	942	699	144	231	499
50 to 99	farms	11	21	6	3	5	12
	number	709	1,443	381	246	354	911
100 to 199	farms	13	9	-	2	1	6
	number	1,728	1,250	-	(D)	(D)	745
200 to 499	farms	8	7	1	1	1	1
	number	2,540	1,644	(D)	(D)	(D)	(D)
500 or more	farms	3	4	1	-	-	-
	number	2,310	3,844	(D)	-	-	-

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
INVENTORY						
Cattle and calves .....farms, 2017	165	294	6	83	38	233
.....farms, 2012	170	334	15	109	61	313
.....number, 2017	12,589	64,037	89	6,269	1,683	8,041
.....number, 2012	8,727	59,231	173	6,917	2,650	11,969
Farms by inventory:						
1 to 9 .....farms, 2017	61	103	3	18	13	84
.....farms, 2012	74	124	9	26	20	125
.....number, 2017	292	515	27	63	63	426
.....number, 2012	286	503	(D)	(D)	(D)	(D)
10 to 19 .....farms, 2017	26	37	1	13	8	51
.....farms, 2012	41	49	2	15	12	61
.....number, 2017	334	485	(D)	(D)	122	658
.....number, 2012	528	644	(D)	209	155	811
20 to 49 .....farms, 2017	36	68	2	23	12	57
.....farms, 2012	22	52	4	26	19	65
.....number, 2017	1,222	2,243	(D)	710	411	1,715
.....number, 2012	666	1,459	121	885	682	1,802
50 to 99 .....farms, 2017	29	24	-	14	2	22
.....farms, 2012	10	36	-	20	4	30
.....number, 2017	2,197	1,697	-	997	(D)	1,475
.....number, 2012	(D)	2,505	-	1,339	255	1,949
100 to 199 .....farms, 2017	3	16	-	6	2	11
.....farms, 2012	16	25	-	13	1	22
.....number, 2017	436	2,121	-	792	(D)	1,642
.....number, 2012	1,884	3,354	-	1,723	(D)	2,896
200 to 499 .....farms, 2017	5	18	-	8	-	8
.....farms, 2012	6	20	-	8	-	8
.....number, 2017	1,543	5,208	-	2,649	-	2,125
.....number, 2012	1,679	5,769	-	2,083	840	1,926
500 or more .....farms, 2017	5	28	-	1	1	-
.....farms, 2012	1	28	-	1	1	2
.....number, 2017	6,565	51,768	-	(D)	(D)	(D)
.....number, 2012	(D)	44,997	-	(D)	(D)	(D)
Cows and heifers that calved .....farms, 2017	137	187	6	75	36	186
.....farms, 2012	138	219	3	93	55	245
.....number, 2017	4,917	32,966	29	2,592	814	3,756
.....number, 2012	4,240	29,366	(D)	3,387	1,138	4,531
Beef cows .....farms, 2017	87	143	6	64	33	161
.....farms, 2012	92	149	3	72	49	208
.....number, 2017	1,957	1,678	29	1,839	390	2,388
.....number, 2012	1,708	1,417	(D)	1,906	704	2,431
2017 farms by inventory:						
1 to 9 .....farms	50	88	4	16	22	85
.....number	199	328	(D)	52	114	374
10 to 19 .....farms	17	32	2	13	3	46
.....number	221	441	(D)	157	43	626
20 to 49 .....farms	12	20	-	27	8	23
.....number	341	612	-	791	233	706
50 to 99 .....farms	5	2	-	5	-	5
.....number	290	(D)	-	320	-	(D)
100 to 199 .....farms	1	1	-	2	-	1
.....number	(D)	(D)	-	(D)	-	(D)
200 to 499 .....farms	1	-	-	1	-	1
.....number	(D)	-	-	(D)	-	(D)
500 or more .....farms	1	-	-	-	-	-
.....number	(D)	-	-	-	-	-
Milk cows .....farms, 2017	56	50	-	12	5	29
.....farms, 2012	51	76	-	24	6	49
.....number, 2017	2,960	31,288	-	753	424	1,368
.....number, 2012	2,532	27,949	-	1,481	434	2,100
2017 farms by inventory:						
1 to 9 .....farms	25	6	-	4	2	7
.....number	65	12	-	(D)	(D)	11
10 to 19 .....farms	6	-	-	-	-	-
.....number	82	-	-	-	-	-
20 to 49 .....farms	14	2	-	2	1	13
.....number	419	(D)	-	(D)	(D)	393
50 to 99 .....farms	7	2	-	-	1	3
.....number	424	(D)	-	-	(D)	185
100 to 199 .....farms	2	8	-	6	-	6
.....number	(D)	1,220	-	665	-	779
200 to 499 .....farms	1	13	-	-	1	-
.....number	(D)	4,048	-	-	(D)	-
500 or more .....farms	1	19	-	-	-	-
.....number	(D)	25,833	-	-	-	-
Other cattle (see text) .....farms, 2017	127	235	6	66	26	181
.....farms, 2012	134	280	15	91	52	256
.....number, 2017	7,672	31,071	60	3,677	869	4,285
.....number, 2012	4,487	29,865	(D)	3,530	1,512	7,438
2017 farms by inventory:						
1 to 9 .....farms	50	79	4	27	10	85
.....number	(D)	366	(D)	123	47	(D)
10 to 19 .....farms	21	39	2	10	7	49
.....number	300	482	(D)	(D)	95	626
20 to 49 .....farms	36	51	-	15	6	24
.....number	1,300	1,679	-	488	165	723
50 to 99 .....farms	11	20	-	1	1	12
.....number	749	1,398	-	(D)	(D)	887
100 to 199 .....farms	4	19	-	8	1	9
.....number	602	2,467	-	1,169	(D)	1,250
200 to 499 .....farms	1	12	-	4	1	2
.....number	(D)	3,777	-	905	(D)	(D)
500 or more .....farms	4	15	-	1	-	-
.....number	4,300	20,902	-	(D)	-	-

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
INVENTORY						
Cattle and calves farms, 2017	89	180	179	21	75	202
..... farms, 2012	109	160	232	18	99	207
..... number, 2017	2,555	4,760	5,212	259	2,909	54,333
..... number, 2012	3,009	4,810	6,043	214	3,013	47,996
Farms by inventory:						
1 to 9 farms, 2017	32	103	63	9	36	56
..... farms, 2012	34	84	80	9	44	67
..... number, 2017	169	418	312	47	171	224
..... number, 2012	168	352	392	46	202	352
10 to 19 farms, 2017	20	34	45	8	10	25
..... farms, 2012	26	33	53	6	24	40
..... number, 2017	270	436	(D)	104	141	320
..... number, 2012	352	436	719	86	334	535
20 to 49 farms, 2017	24	22	48	4	11	37
..... farms, 2012	37	23	77	3	17	37
..... number, 2017	755	676	1,423	108	311	1,176
..... number, 2012	1,006	690	2,307	82	493	1,141
50 to 99 farms, 2017	10	9	14	-	11	31
..... farms, 2012	8	11	13	-	7	18
..... number, 2017	595	530	960	-	833	1,857
..... number, 2012	505	728	808	-	525	1,144
100 to 199 farms, 2017	1	7	7	-	4	16
..... farms, 2012	2	4	6	-	4	11
..... number, 2017	(D)	911	833	-	493	2,250
..... number, 2012	(D)	(D)	795	-	474	1,758
200 to 499 farms, 2017	2	5	1	-	3	15
..... farms, 2012	2	4	3	-	2	14
..... number, 2017	(D)	1,789	(D)	-	960	5,435
..... number, 2012	(D)	1,332	1,022	-	(D)	3,923
500 or more farms, 2017	-	-	1	-	-	22
..... farms, 2012	-	1	-	-	1	20
..... number, 2017	-	(D)	(D)	-	-	43,071
..... number, 2012	-	(D)	-	-	(D)	39,143
Cows and heifers that calved farms, 2017	79	138	133	18	62	124
..... farms, 2012	93	121	197	15	73	127
..... number, 2017	1,139	2,079	2,442	137	1,183	27,360
..... number, 2012	1,480	2,470	2,936	108	1,179	24,177
Beef cows farms, 2017	72	124	98	18	59	94
..... farms, 2012	87	107	154	15	70	94
..... number, 2017	892	981	1,317	(D)	1,085	2,685
..... number, 2012	1,201	1,185	1,975	108	977	1,469
2017 farms by inventory:						
1 to 9 farms	35	101	57	14	32	48
..... farms	(D)	404	294	71	142	196
10 to 19 farms	21	9	22	4	9	8
..... farms	290	(D)	317	(D)	(D)	(D)
20 to 49 farms	14	12	15	-	10	20
..... farms	314	335	407	-	327	543
50 to 99 farms	1	2	4	-	7	14
..... farms	(D)	(D)	299	-	390	920
100 to 199 farms	1	-	-	-	1	3
..... farms	(D)	-	-	-	(D)	430
200 to 499 farms	-	-	-	-	-	-
..... farms	-	-	-	-	-	-
500 or more farms	-	-	-	-	-	1
..... farms	-	-	-	-	-	(D)
Milk cows farms, 2017	9	16	35	2	3	35
..... farms, 2012	7	19	47	-	5	39
..... number, 2017	247	1,098	1,125	(D)	98	24,675
..... number, 2012	279	1,285	961	-	202	22,708
2017 farms by inventory:						
1 to 9 farms	6	6	18	2	-	5
..... farms	13	(D)	(D)	(D)	-	(D)
10 to 19 farms	-	-	12	-	1	1
..... farms	-	-	142	-	(D)	(D)
20 to 49 farms	2	2	-	-	2	5
..... farms	(D)	(D)	-	-	(D)	186
50 to 99 farms	-	4	3	-	-	1
..... farms	-	320	180	-	-	(D)
100 to 199 farms	1	4	1	-	-	5
..... farms	(D)	700	(D)	-	-	808
200 to 499 farms	-	-	-	-	-	9
..... farms	-	-	-	-	-	3,257
500 or more farms	-	-	1	-	-	9
..... farms	-	-	(D)	-	-	20,328
Other cattle (see text) farms, 2017	69	115	150	15	54	176
..... farms, 2012	92	135	182	17	80	186
..... number, 2017	1,416	2,681	2,770	122	1,726	26,973
..... number, 2012	1,529	2,340	3,107	106	1,834	23,819
2017 farms by inventory:						
1 to 9 farms	33	61	78	11	28	58
..... farms	(D)	258	(D)	69	125	221
10 to 19 farms	15	28	31	4	4	24
..... farms	185	358	425	53	59	310
20 to 49 farms	14	15	27	-	15	31
..... farms	398	445	769	-	442	887
50 to 99 farms	5	3	8	-	4	20
..... farms	322	(D)	469	-	295	1,157
100 to 199 farms	1	6	5	-	1	14
..... farms	(D)	876	510	-	(D)	1,993
200 to 499 farms	1	2	1	-	2	17
..... farms	(D)	(D)	(D)	-	(D)	5,905
500 or more farms	-	-	-	-	-	12
..... farms	-	-	-	-	-	16,500

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
INVENTORY						
Cattle and calves .....farms, 2017	279	64	304	198	323	79
.....number, 2012	385	58	338	217	378	103
.....farms, 2017	29,434	1,868	138,244	17,978	46,751	6,479
.....number, 2012	22,554	1,593	141,316	15,598	47,631	5,906
Farms by inventory:						
1 to 9 .....farms, 2017	105	28	76	89	102	16
.....number, 2012	165	20	47	110	114	34
.....farms, 2017	482	142	325	333	485	76
.....number, 2012	656	87	197	522	501	169
10 to 19 .....farms, 2017	45	13	13	44	68	20
.....number, 2012	83	21	31	34	88	13
.....farms, 2017	633	148	171	619	884	(D)
.....number, 2012	1,162	270	415	501	1,164	179
20 to 49 .....farms, 2017	54	14	36	28	46	17
.....number, 2012	62	11	42	22	60	30
.....farms, 2017	1,443	433	1,191	829	1,431	579
.....number, 2012	1,747	330	1,358	706	1,765	996
50 to 99 .....farms, 2017	15	5	32	11	34	11
.....number, 2012	28	3	49	15	38	9
.....farms, 2017	1,037	284	2,361	852	2,247	695
.....number, 2012	2,093	196	3,256	1,081	2,765	(D)
100 to 199 .....farms, 2017	22	-	35	7	22	6
.....number, 2012	22	2	54	12	23	10
.....farms, 2017	2,913	-	4,847	1,080	3,087	828
.....number, 2012	3,026	(D)	7,309	1,630	3,476	1,534
200 to 499 .....farms, 2017	20	4	61	10	26	7
.....number, 2012	17	1	67	15	34	6
.....farms, 2017	5,007	861	19,365	3,400	8,178	2,423
.....number, 2012	5,630	(D)	22,004	4,560	9,373	1,655
500 or more .....farms, 2017	18	-	51	9	25	2
.....number, 2012	8	-	48	21	1	-
.....farms, 2017	17,919	-	109,984	10,865	30,439	(D)
.....number, 2012	8,240	-	106,777	6,598	28,587	(D)
Cows and heifers that calved .....farms, 2017	202	61	148	151	222	64
.....number, 2012	269	52	165	156	268	86
.....farms, 2017	11,687	1,158	51,413	9,913	19,367	3,161
.....number, 2012	7,843	799	39,037	6,731	20,921	3,461
Beef cows .....farms, 2017	135	57	79	120	181	52
.....number, 2012	191	47	85	121	208	73
.....farms, 2017	1,607	540	1,139	1,412	3,007	1,145
.....number, 2012	2,304	423	1,611	1,699	3,195	1,462
2017 farms by inventory:						
1 to 9 .....farms	84	38	48	76	93	15
.....number	(D)	144	169	255	(D)	(D)
10 to 19 .....farms	30	9	8	25	51	17
.....number	406	99	(D)	298	623	216
20 to 49 .....farms	15	10	19	13	24	15
.....number	431	297	487	321	741	452
50 to 99 .....farms	5	-	3	3	12	3
.....number	340	-	225	224	782	190
100 to 199 .....farms	1	-	1	3	-	2
.....number	(D)	-	(D)	314	-	(D)
200 to 499 .....farms	-	-	-	-	1	-
.....number	-	-	-	-	(D)	-
500 or more .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Milk cows .....farms, 2017	69	6	73	44	49	14
.....number, 2012	85	9	87	37	72	16
.....farms, 2017	10,080	618	50,274	8,501	16,360	2,016
.....number, 2012	5,539	376	37,426	5,032	17,726	1,999
2017 farms by inventory:						
1 to 9 .....farms	29	3	2	14	7	2
.....number	90	12	(D)	(D)	20	(D)
10 to 19 .....farms	7	-	2	2	-	-
.....number	100	-	(D)	(D)	-	-
20 to 49 .....farms	11	-	6	4	10	-
.....number	381	-	171	140	394	-
50 to 99 .....farms	5	-	18	8	7	5
.....number	340	-	1,212	490	522	315
100 to 199 .....farms	5	-	13	4	9	4
.....number	735	-	1,775	542	1,275	606
200 to 499 .....farms	9	3	11	7	9	2
.....number	3,205	606	3,630	2,265	2,873	(D)
500 or more .....farms	3	-	21	5	7	1
.....number	5,229	-	43,460	4,991	11,276	(D)
Other cattle (see text) .....farms, 2017	245	44	268	150	261	67
.....number, 2012	298	48	310	179	313	84
.....farms, 2017	17,747	710	86,831	8,065	27,384	3,318
.....number, 2012	14,711	794	102,279	8,867	26,710	2,445
2017 farms by inventory:						
1 to 9 .....farms	117	28	63	76	99	22
.....number	515	99	225	284	427	122
10 to 19 .....farms	34	9	13	27	41	19
.....number	454	130	172	360	538	261
20 to 49 .....farms	27	4	36	24	40	12
.....number	755	106	1,084	724	1,302	318
50 to 99 .....farms	18	2	41	5	22	4
.....number	1,178	(D)	2,983	317	1,340	267
100 to 199 .....farms	20	-	29	9	21	6
.....number	2,594	-	4,085	1,253	2,905	855
200 to 499 .....farms	18	1	53	4	21	4
.....number	5,017	(D)	17,508	1,123	6,545	1,495
500 or more .....farms	11	-	33	5	17	-
.....number	7,234	-	60,774	4,004	14,327	-

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
INVENTORY						
Cattle and calves farms, 2017	39	302	255	133	50	285
..... farms, 2012	39	303	273	151	51	328
..... number, 2017	957	29,123	13,249	17,677	1,110	23,737
..... number, 2012	1,156	24,480	15,025	15,341	720	23,685
Farms by inventory:						
1 to 9 farms, 2017	16	115	114	74	22	126
..... farms, 2012	15	92	123	70	30	136
..... number, 2017	(D)	523	468	354	95	605
..... number, 2012	65	440	568	(D)	126	594
10 to 19 farms, 2017	9	43	34	15	10	40
..... farms, 2012	12	71	56	27	10	63
..... number, 2017	128	570	488	(D)	134	550
..... number, 2012	170	985	767	370	111	870
20 to 49 farms, 2017	6	47	52	20	11	54
..... farms, 2012	5	66	41	29	6	66
..... number, 2017	213	1,613	1,591	659	340	1,628
..... number, 2012	190	2,202	1,244	960	162	2,031
50 to 99 farms, 2017	7	42	29	13	7	26
..... farms, 2012	4	30	16	13	5	22
..... number, 2017	372	2,799	2,247	753	541	1,869
..... number, 2012	239	1,991	1,140	862	321	1,503
100 to 199 farms, 2017	1	24	9	3	-	11
..... farms, 2012	2	22	18	3	-	15
..... number, 2017	(D)	3,196	1,164	439	-	1,564
..... number, 2012	(D)	3,047	2,559	459	-	2,190
200 to 499 farms, 2017	-	17	13	2	-	19
..... farms, 2012	1	11	14	2	-	16
..... number, 2017	-	5,706	3,608	(D)	-	5,752
..... number, 2012	(D)	3,487	4,294	(D)	-	5,343
500 or more farms, 2017	-	14	4	6	-	9
..... farms, 2012	-	11	5	7	-	10
..... number, 2017	-	14,716	3,683	14,645	-	11,769
..... number, 2012	-	12,328	4,453	11,825	-	11,154
Cows and heifers that calved farms, 2017	33	215	197	93	37	235
..... farms, 2012	30	214	199	106	37	264
..... number, 2017	556	13,046	6,502	9,693	475	11,188
..... number, 2012	617	9,582	6,024	7,655	222	10,559
Beef cows farms, 2017	33	166	164	85	36	200
..... farms, 2012	30	177	178	99	35	228
..... number, 2017	556	2,373	2,522	1,288	431	2,236
..... number, 2012	617	2,368	2,892	1,682	208	2,644
2017 farms by inventory:						
1 to 9 farms	20	102	94	55	19	134
..... number	93	479	324	194	(D)	598
10 to 19 farms	2	22	42	13	10	34
..... number	(D)	315	530	(D)	125	469
20 to 49 farms	10	36	20	10	5	25
..... number	321	1,160	632	280	132	669
50 to 99 farms	-	6	5	6	2	6
..... number	-	419	393	350	(D)	(D)
100 to 199 farms	1	-	2	-	-	1
..... number	(D)	-	(D)	-	-	(D)
200 to 499 farms	-	-	1	1	-	-
..... number	-	-	(D)	(D)	-	-
500 or more farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Milk cows farms, 2017	-	56	38	8	5	42
..... farms, 2012	-	49	30	7	4	46
..... number, 2017	-	10,673	3,980	8,405	44	8,952
..... number, 2012	-	7,214	3,132	5,973	14	7,915
2017 farms by inventory:						
1 to 9 farms	-	7	14	-	4	8
..... number	-	17	(D)	-	(D)	23
10 to 19 farms	-	2	-	-	-	-
..... number	-	(D)	-	-	-	-
20 to 49 farms	-	18	1	-	1	9
..... number	-	(D)	(D)	-	(D)	294
50 to 99 farms	-	11	11	2	-	8
..... number	-	661	787	(D)	-	517
100 to 199 farms	-	5	6	2	-	8
..... number	-	845	714	(D)	-	1,096
200 to 499 farms	-	11	5	1	-	5
..... number	-	3,492	1,795	(D)	-	1,470
500 or more farms	-	2	1	3	-	4
..... number	-	(D)	(D)	7,665	-	5,552
Other cattle (see text) farms, 2017	33	249	207	101	39	204
..... farms, 2012	37	259	221	117	46	231
..... number, 2017	401	16,077	6,747	7,984	635	12,549
..... number, 2012	539	14,898	9,001	7,686	498	13,126
2017 farms by inventory:						
1 to 9 farms	20	110	95	59	17	94
..... number	113	415	343	253	(D)	371
10 to 19 farms	7	29	35	13	7	31
..... number	(D)	394	(D)	(D)	94	406
20 to 49 farms	4	44	51	14	14	35
..... number	98	1,373	1,397	429	445	979
50 to 99 farms	2	27	10	7	1	14
..... number	(D)	1,617	699	432	(D)	1,009
100 to 199 farms	-	16	8	3	-	12
..... number	-	1,967	1,131	452	-	1,815
200 to 499 farms	-	14	7	3	-	15
..... number	-	4,160	2,013	750	-	4,422
500 or more farms	-	9	1	2	-	3
..... number	-	6,151	(D)	(D)	-	3,547

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
INVENTORY						
Cattle and calves .....farms, 2017	-	58	282	46	225	150
.....2012	4	63	332	63	249	174
.....number, 2017	-	1,866	14,464	1,498	35,459	6,363
.....2012	40	1,974	14,991	2,048	32,114	7,029
Farms by inventory:						
1 to 9 .....farms, 2017	-	26	86	17	75	73
.....2012	2	29	135	30	131	90
.....number, 2017	-	(D)	369	75	313	335
.....2012	(D)	99	636	(D)	529	409
10 to 19 .....farms, 2017	-	16	68	11	43	19
.....2012	2	14	64	7	36	45
.....number, 2017	-	212	873	149	594	(D)
.....2012	(D)	194	896	98	509	578
20 to 49 .....farms, 2017	-	12	61	9	48	36
.....2012	-	15	61	12	39	22
.....number, 2017	-	395	1,837	327	1,565	1,002
.....2012	-	365	1,857	385	1,108	655
50 to 99 .....farms, 2017	-	1	31	3	12	12
.....2012	-	2	37	10	7	8
.....number, 2017	-	(D)	2,261	170	721	(D)
.....2012	-	(D)	2,597	699	381	517
100 to 199 .....farms, 2017	-	-	18	6	15	6
.....2012	-	1	15	3	9	2
.....number, 2017	-	-	2,401	777	1,930	823
.....2012	-	(D)	1,975	383	1,301	(D)
200 to 499 .....farms, 2017	-	3	12	-	19	3
.....2012	-	1	16	1	5	5
.....number, 2017	-	1,069	3,259	-	6,074	832
.....2012	-	(D)	4,378	(D)	5,611	1,308
500 or more .....farms, 2017	-	-	6	-	13	1
.....2012	-	1	4	-	9	2
.....number, 2017	-	-	3,464	-	24,262	(D)
.....2012	-	(D)	2,652	-	22,675	(D)
Cows and heifers that calved .....farms, 2017	-	43	220	36	151	120
.....2012	4	48	247	49	149	134
.....number, 2017	-	883	5,295	633	16,133	3,223
.....2012	(D)	929	5,382	771	11,277	2,915
Beef cows .....farms, 2017	-	37	195	28	121	111
.....2012	4	44	215	41	124	122
.....number, 2017	-	508	2,827	447	1,382	1,233
.....2012	(D)	(D)	2,530	555	1,503	1,027
2017 farms by inventory:						
1 to 9 .....farms	-	21	110	17	74	67
.....number	-	(D)	(D)	76	329	(D)
10 to 19 .....farms	-	9	42	3	27	22
.....number	-	108	572	(D)	335	287
20 to 49 .....farms	-	5	30	6	16	21
.....number	-	115	904	152	428	605
50 to 99 .....farms	-	1	12	1	4	1
.....number	-	(D)	750	(D)	290	(D)
100 to 199 .....farms	-	1	1	1	-	-
.....number	-	(D)	(D)	(D)	-	-
200 to 499 .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
500 or more .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Milk cows .....farms, 2017	-	13	32	13	30	13
.....2012	-	5	42	9	26	13
.....number, 2017	-	375	2,468	186	14,751	1,990
.....2012	-	(D)	2,852	216	9,774	1,888
2017 farms by inventory:						
1 to 9 .....farms	-	10	3	8	1	2
.....number	-	26	16	8	(D)	(D)
10 to 19 .....farms	-	-	-	2	-	-
.....number	-	-	-	(D)	-	-
20 to 49 .....farms	-	-	12	1	4	7
.....number	-	-	322	(D)	(D)	254
50 to 99 .....farms	-	1	8	2	8	-
.....number	-	(D)	511	(D)	578	-
100 to 199 .....farms	-	2	6	-	7	2
.....number	-	(D)	694	-	1,032	(D)
200 to 499 .....farms	-	-	3	-	3	1
.....number	-	-	925	-	710	(D)
500 or more .....farms	-	-	-	-	7	1
.....number	-	-	-	-	12,285	(D)
Other cattle (see text) .....farms, 2017	-	46	222	38	185	118
.....2012	2	51	251	50	195	126
.....number, 2017	-	983	9,169	865	19,326	3,140
.....2012	(D)	1,045	9,609	1,277	20,837	4,114
2017 farms by inventory:						
1 to 9 .....farms	-	31	100	16	68	67
.....number	-	153	454	(D)	308	260
10 to 19 .....farms	-	7	51	13	36	28
.....number	-	101	691	148	519	356
20 to 49 .....farms	-	5	34	4	36	14
.....number	-	149	1,156	126	1,154	400
50 to 99 .....farms	-	-	12	2	9	5
.....number	-	-	797	(D)	561	342
100 to 199 .....farms	-	1	15	3	9	1
.....number	-	(D)	2,033	422	1,093	(D)
200 to 499 .....farms	-	2	6	-	19	2
.....number	-	(D)	1,793	-	5,587	(D)
500 or more .....farms	-	-	4	-	8	1
.....number	-	-	2,245	-	10,104	(D)

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
INVENTORY						
Cattle and calves farms, 2017	18	34	59	61	50	123
..... farms, 2012	19	42	73	88	60	116
..... number, 2017	683	3,979	4,241	1,344	1,393	11,203
..... number, 2012	1,073	3,254	6,812	1,741	1,117	10,883
Farms by inventory:						
1 to 9 farms, 2017	9	5	21	23	22	48
..... farms, 2012	2	7	29	43	26	39
..... number, 2017	39	8	73	(D)	84	194
..... number, 2012	(D)	22	126	(D)	(D)	199
10 to 19 farms, 2017	1	2	14	14	13	19
..... farms, 2012	7	10	14	18	20	28
..... number, 2017	(D)	(D)	(D)	170	171	285
..... number, 2012	75	137	210	226	239	396
20 to 49 farms, 2017	6	13	10	16	6	24
..... farms, 2012	3	13	17	18	8	23
..... number, 2017	223	346	267	537	147	788
..... number, 2012	138	424	497	666	239	664
50 to 99 farms, 2017	1	4	6	7	6	10
..... farms, 2012	4	5	3	8	4	10
..... number, 2017	(D)	217	349	418	515	745
..... number, 2012	236	329	168	497	251	689
100 to 199 farms, 2017	-	2	4	1	2	13
..... farms, 2012	2	4	6	2	2	6
..... number, 2017	-	(D)	563	(D)	(D)	1,653
..... number, 2012	(D)	561	743	(D)	(D)	786
200 to 499 farms, 2017	1	7	3	-	1	4
..... farms, 2012	1	1	2	-	-	5
..... number, 2017	(D)	2,174	1,002	-	(D)	1,582
..... number, 2012	(D)	(D)	(D)	-	-	1,724
500 or more farms, 2017	-	1	1	-	-	5
..... farms, 2012	-	2	2	-	-	5
..... number, 2017	-	(D)	(D)	-	-	5,956
..... number, 2012	-	(D)	(D)	-	-	6,425
Cows and heifers that calved farms, 2017	18	33	39	59	40	98
..... farms, 2012	16	35	58	74	37	95
..... number, 2017	383	1,885	1,047	719	788	4,701
..... number, 2012	391	1,509	993	754	453	3,379
Beef cows farms, 2017	18	26	26	49	35	79
..... farms, 2012	16	28	49	71	35	79
..... number, 2017	383	808	349	661	485	1,175
..... number, 2012	391	742	343	(D)	(D)	897
2017 farms by inventory:						
1 to 9 farms	9	9	15	23	20	38
..... number	21	41	(D)	(D)	(D)	(D)
10 to 19 farms	2	7	6	14	10	15
..... number	(D)	97	67	175	128	197
20 to 49 farms	5	6	4	10	2	25
..... number	135	165	111	227	(D)	703
50 to 99 farms	1	2	-	1	3	-
..... number	(D)	(D)	-	(D)	230	-
100 to 199 farms	1	1	1	1	-	1
..... number	(D)	(D)	(D)	(D)	-	(D)
200 to 499 farms	-	1	-	-	-	-
..... number	-	(D)	-	-	-	-
500 or more farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Milk cows farms, 2017	-	13	13	16	7	27
..... farms, 2012	-	8	12	3	5	18
..... number, 2017	-	1,077	698	58	303	3,526
..... number, 2012	-	767	650	(D)	(D)	2,482
2017 farms by inventory:						
1 to 9 farms	-	7	6	14	2	9
..... number	-	11	6	(D)	(D)	(D)
10 to 19 farms	-	2	1	2	-	-
..... number	-	(D)	(D)	(D)	-	-
20 to 49 farms	-	-	-	-	-	4
..... number	-	-	-	-	-	140
50 to 99 farms	-	-	2	-	5	4
..... number	-	-	(D)	-	(D)	261
100 to 199 farms	-	1	3	-	-	5
..... number	-	(D)	320	-	-	760
200 to 499 farms	-	3	1	-	-	2
..... number	-	942	(D)	-	-	(D)
500 or more farms	-	-	-	-	-	3
..... number	-	-	-	-	-	1,817
Other cattle (see text) farms, 2017	16	23	46	40	34	90
..... farms, 2012	18	34	56	67	53	92
..... number, 2017	300	2,094	3,194	625	605	6,502
..... number, 2012	682	1,745	5,819	987	664	7,504
2017 farms by inventory:						
1 to 9 farms	10	4	14	16	18	38
..... number	(D)	14	46	73	80	116
10 to 19 farms	4	7	13	11	6	18
..... number	52	(D)	185	152	(D)	(D)
20 to 49 farms	1	7	10	13	8	8
..... number	(D)	231	313	400	248	273
50 to 99 farms	-	-	5	-	1	16
..... number	-	-	310	-	(D)	1,112
100 to 199 farms	1	1	1	-	1	4
..... number	(D)	(D)	(D)	-	(D)	705
200 to 499 farms	-	3	2	-	-	4
..... number	-	1,050	(D)	-	-	1,134
500 or more farms	-	1	1	-	-	2
..... number	-	(D)	(D)	-	-	(D)

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
INVENTORY						
Cattle and calves .....farms, 2017	309	118	143	189	122	305
.....2012	349	172	136	158	114	386
.....number, 2017	14,435	16,115	7,972	49,216	3,329	21,092
.....2012	15,944	17,632	7,168	31,997	3,789	26,535
Farms by inventory:						
1 to 9 .....farms, 2017	96	23	69	62	60	124
.....2012	99	34	66	39	76	154
.....number, 2017	415	72	332	238	215	599
.....2012	446	158	331	158	314	638
10 to 19 .....farms, 2017	63	13	26	18	28	59
.....2012	73	35	30	29	17	68
.....number, 2017	840	187	338	233	331	787
.....2012	1,000	470	405	386	224	900
20 to 49 .....farms, 2017	105	28	30	38	21	47
.....2012	107	37	25	26	6	62
.....number, 2017	3,159	873	799	1,262	589	1,545
.....2012	3,233	1,159	769	764	161	1,893
50 to 99 .....farms, 2017	22	15	11	5	3	27
.....2012	37	19	12	11	4	37
.....number, 2017	1,339	1,016	736	412	202	1,811
.....2012	2,509	1,267	(D)	727	(D)	2,493
100 to 199 .....farms, 2017	8	19	2	14	7	23
.....2012	19	25	-	14	5	30
.....number, 2017	997	2,740	(D)	2,899	854	3,227
.....2012	2,493	3,225	-	2,057	577	3,918
200 to 499 .....farms, 2017	11	14	3	23	2	17
.....2012	10	17	1	5	5	29
.....number, 2017	3,597	4,030	800	8,417	(D)	5,488
.....2012	2,770	5,312	(D)	6,183	1,510	9,056
500 or more .....farms, 2017	4	6	2	22	1	8
.....2012	4	5	2	19	1	6
.....number, 2017	4,088	7,197	(D)	35,755	(D)	7,635
.....2012	3,493	6,041	(D)	21,722	(D)	7,637
Cows and heifers that calved .....farms, 2017	252	107	119	163	76	227
.....2012	290	145	119	124	72	293
.....number, 2017	6,553	8,365	5,663	27,329	847	10,845
.....2012	7,707	8,467	5,257	17,714	1,121	12,993
Beef cows .....farms, 2017	175	73	115	99	74	170
.....2012	175	106	112	72	69	211
.....number, 2017	2,543	1,482	(D)	1,747	541	1,765
.....2012	2,849	1,744	(D)	1,346	519	2,504
2017 farms by inventory:						
1 to 9 .....farms	97	22	71	65	54	107
.....number	402	(D)	297	239	202	399
10 to 19 .....farms	40	26	26	12	17	37
.....number	528	364	364	(D)	217	481
20 to 49 .....farms	30	20	11	17	2	21
.....number	869	613	315	466	(D)	558
50 to 99 .....farms	5	3	5	1	1	4
.....number	296	188	295	(D)	(D)	(D)
100 to 199 .....farms	2	2	2	3	-	1
.....number	(D)	(D)	(D)	433	-	(D)
200 to 499 .....farms	1	-	-	1	-	-
.....number	(D)	-	-	(D)	-	-
500 or more .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Milk cows .....farms, 2017	89	37	4	70	4	66
.....2012	123	44	10	53	6	103
.....number, 2017	4,010	6,883	(D)	25,582	306	9,080
.....2012	4,858	6,723	(D)	16,368	602	10,489
2017 farms by inventory:						
1 to 9 .....farms	44	-	2	12	1	12
.....number	240	-	(D)	(D)	(D)	35
10 to 19 .....farms	21	-	-	2	-	5
.....number	252	-	-	(D)	-	(D)
20 to 49 .....farms	11	3	-	-	-	7
.....number	279	131	-	-	-	203
50 to 99 .....farms	3	17	-	10	2	18
.....number	(D)	1,091	-	690	(D)	1,353
100 to 199 .....farms	6	9	-	15	1	12
.....number	914	1,191	-	2,200	(D)	1,622
200 to 499 .....farms	1	5	-	20	-	10
.....number	(D)	1,465	-	5,978	-	2,645
500 or more .....farms	3	3	2	11	-	2
.....number	1,895	3,005	(D)	16,674	-	(D)
Other cattle (see text) .....farms, 2017	253	96	105	135	92	243
.....2012	292	153	111	133	80	302
.....number, 2017	7,882	7,750	2,309	21,887	2,482	10,247
.....2012	8,237	9,165	1,911	14,283	2,668	13,542
2017 farms by inventory:						
1 to 9 .....farms	111	24	65	54	52	113
.....number	514	95	287	259	(D)	450
10 to 19 .....farms	44	16	19	8	19	44
.....number	605	(D)	246	115	236	(D)
20 to 49 .....farms	74	19	14	21	8	31
.....number	1,980	588	396	705	272	992
50 to 99 .....farms	11	13	3	11	7	23
.....number	689	910	193	742	514	1,469
100 to 199 .....farms	4	15	-	13	4	21
.....number	504	1,969	-	1,854	450	2,930
200 to 499 .....farms	6	7	4	18	1	10
.....number	1,837	1,903	1,187	5,278	(D)	2,942
500 or more .....farms	3	2	-	10	1	1
.....number	1,753	(D)	-	12,934	(D)	(D)

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
INVENTORY						
Cattle and calves farms, 2017	66	157	276	51	119	126
..... farms, 2012	70	151	312	66	147	135
..... number, 2017	3,021	10,094	31,396	664	6,638	16,963
..... number, 2012	2,126	10,750	31,201	1,047	8,247	16,654
Farms by inventory:						
1 to 9 farms, 2017	30	76	96	37	52	23
..... farms, 2012	37	68	115	44	59	30
..... number, 2017	(D)	287	404	148	192	132
..... number, 2012	181	281	529	178	213	151
10 to 19 farms, 2017	13	41	64	8	14	14
..... farms, 2012	9	30	56	7	29	33
..... number, 2017	170	581	884	107	(D)	199
..... number, 2012	107	417	739	101	383	416
20 to 49 farms, 2017	12	22	41	3	19	30
..... farms, 2012	18	27	73	11	24	17
..... number, 2017	288	590	1,188	(D)	515	1,028
..... number, 2012	468	764	2,236	343	657	528
50 to 99 farms, 2017	4	4	32	1	21	13
..... farms, 2012	1	14	23	2	26	12
..... number, 2017	240	269	2,130	(D)	1,429	933
..... number, 2012	(D)	920	1,493	(D)	1,811	787
100 to 199 farms, 2017	2	5	15	2	9	24
..... farms, 2012	2	4	18	2	4	16
..... number, 2017	(D)	715	2,301	(D)	1,116	3,284
..... number, 2012	(D)	624	2,599	(D)	(D)	2,221
200 to 499 farms, 2017	5	4	9	-	3	15
..... farms, 2012	3	5	13	-	3	18
..... number, 2017	1,942	1,196	3,028	-	886	4,932
..... number, 2012	1,006	1,374	4,404	-	964	5,388
500 or more farms, 2017	-	5	19	-	1	7
..... farms, 2012	-	3	14	-	2	9
..... number, 2017	-	6,456	21,461	-	(D)	6,455
..... number, 2012	-	6,370	19,201	-	(D)	7,163
Cows and heifers that calved farms, 2017	55	127	224	46	74	109
..... farms, 2012	55	116	233	49	108	116
..... number, 2017	1,353	6,404	14,924	311	2,979	9,124
..... number, 2012	1,070	6,114	14,855	629	3,978	7,754
Beef cows farms, 2017	46	114	177	42	61	71
..... farms, 2012	46	95	174	43	79	80
..... number, 2017	295	1,093	1,757	(D)	678	1,208
..... number, 2012	476	797	2,360	(D)	722	1,328
2017 farms by inventory:						
1 to 9 farms	33	81	111	37	34	33
..... farms	(D)	306	(D)	141	(D)	(D)
10 to 19 farms	12	23	39	3	17	12
..... farms	152	329	501	39	237	166
20 to 49 farms	1	8	25	2	9	22
..... farms	(D)	(D)	706	(D)	258	560
50 to 99 farms	-	1	2	-	1	3
..... farms	-	(D)	(D)	-	(D)	219
100 to 199 farms	-	-	-	-	-	1
..... farms	-	-	-	-	-	(D)
200 to 499 farms	-	1	-	-	-	-
..... farms	-	(D)	-	-	-	-
500 or more farms	-	-	-	-	-	-
..... farms	-	-	-	-	-	-
Milk cows farms, 2017	9	20	57	6	14	53
..... farms, 2012	9	24	72	6	30	37
..... number, 2017	1,058	5,311	13,167	(D)	2,301	7,916
..... number, 2012	594	5,317	12,495	(D)	3,256	6,426
2017 farms by inventory:						
1 to 9 farms	2	10	8	5	2	2
..... farms	(D)	13	20	6	(D)	(D)
10 to 19 farms	-	-	-	-	-	8
..... farms	-	-	-	-	-	80
20 to 49 farms	-	1	18	-	7	2
..... farms	-	(D)	559	-	276	(D)
50 to 99 farms	2	1	13	1	1	12
..... farms	(D)	(D)	846	(D)	(D)	870
100 to 199 farms	3	3	5	-	2	19
..... farms	480	(D)	778	-	(D)	2,669
200 to 499 farms	2	4	6	-	1	7
..... farms	(D)	1,310	2,027	-	(D)	2,350
500 or more farms	-	1	7	-	1	3
..... farms	-	(D)	8,937	-	(D)	1,895
Other cattle (see text) farms, 2017	54	90	207	32	103	102
..... farms, 2012	52	115	260	45	117	102
..... number, 2017	1,668	3,690	16,472	353	3,659	7,839
..... number, 2012	1,056	4,636	16,346	418	4,269	8,900
2017 farms by inventory:						
1 to 9 farms	29	46	92	23	52	18
..... farms	104	202	414	60	224	74
10 to 19 farms	5	17	31	6	7	27
..... farms	(D)	212	377	83	(D)	330
20 to 49 farms	10	12	38	1	24	16
..... farms	221	378	1,139	(D)	685	506
50 to 99 farms	5	4	10	2	9	19
..... farms	272	229	669	(D)	553	1,300
100 to 199 farms	3	4	12	-	10	11
..... farms	560	563	1,496	-	1,205	1,520
200 to 499 farms	2	7	12	-	-	8
..... farms	(D)	2,106	3,426	-	-	2,609
500 or more farms	-	-	12	-	1	3
..... farms	-	-	8,951	-	(D)	1,500

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
INVENTORY						
Cattle and calves .....farms, 2017	31	243	52	41	368	95
.....farms, 2012	35	299	73	66	386	121
.....number, 2017	1,245	17,494	2,514	885	52,235	3,681
.....number, 2012	1,363	19,540	3,642	1,250	40,910	5,254
Farms by inventory:						
1 to 9 .....farms, 2017	3	74	20	21	109	29
.....farms, 2012	9	104	34	30	113	45
.....number, 2017	8	353	66	(D)	563	134
.....number, 2012	(D)	468	85	125	518	(D)
10 to 19 .....farms, 2017	9	60	9	7	76	31
.....farms, 2012	8	54	3	13	90	13
.....number, 2017	133	800	135	100	1,041	378
.....number, 2012	113	776	32	173	1,249	196
20 to 49 .....farms, 2017	12	54	5	11	74	18
.....farms, 2012	10	66	10	15	69	33
.....number, 2017	385	1,815	216	394	2,246	552
.....number, 2012	308	1,936	307	441	2,050	(D)
50 to 99 .....farms, 2017	4	17	10	-	18	11
.....farms, 2012	4	37	14	8	25	22
.....number, 2017	333	1,063	662	-	1,183	889
.....number, 2012	257	2,552	1,002	511	1,591	1,560
100 to 199 .....farms, 2017	3	17	4	2	39	2
.....farms, 2012	3	14	9	-	43	1
.....number, 2017	386	2,157	434	(D)	5,565	(D)
.....number, 2012	441	1,903	1,341	-	5,984	(D)
200 to 499 .....farms, 2017	-	16	4	-	29	3
.....farms, 2012	1	17	3	-	27	6
.....number, 2017	-	5,365	1,001	-	9,392	912
.....number, 2012	(D)	5,311	875	-	8,793	1,512
500 or more .....farms, 2017	-	5	-	-	23	1
.....farms, 2012	-	7	-	-	19	1
.....number, 2017	-	5,941	-	-	32,245	(D)
.....number, 2012	-	6,594	-	-	20,725	(D)
Cows and heifers that calved .....farms, 2017	31	203	39	27	254	74
.....farms, 2012	34	258	53	42	273	97
.....number, 2017	657	9,169	1,127	371	17,776	1,861
.....number, 2012	707	9,691	1,479	560	16,956	2,607
Beef cows .....farms, 2017	30	166	21	27	202	59
.....farms, 2012	33	200	27	41	212	85
.....number, 2017	(D)	2,780	383	371	2,718	840
.....number, 2012	(D)	3,125	428	(D)	2,968	1,476
2017 farms by inventory:						
1 to 9 .....farms	8	78	11	14	124	25
.....number	45	(D)	25	(D)	585	(D)
10 to 19 .....farms	11	33	7	4	48	20
.....number	162	441	84	49	679	211
20 to 49 .....farms	9	46	2	7	26	12
.....number	272	1,262	(D)	155	793	396
50 to 99 .....farms	2	7	-	2	2	2
.....number	(D)	415	-	(D)	(D)	(D)
100 to 199 .....farms	-	2	-	-	1	-
.....number	-	(D)	-	-	(D)	-
200 to 499 .....farms	-	-	1	-	1	-
.....number	-	-	(D)	-	(D)	-
500 or more .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Milk cows .....farms, 2017	1	51	20	-	61	16
.....farms, 2012	3	65	28	1	68	14
.....number, 2017	(D)	6,389	744	-	15,058	1,021
.....number, 2012	(D)	6,566	1,051	(D)	13,988	1,131
2017 farms by inventory:						
1 to 9 .....farms	-	17	4	-	8	8
.....number	-	30	(D)	-	(D)	(D)
10 to 19 .....farms	-	4	1	-	1	-
.....number	-	(D)	(D)	-	(D)	-
20 to 49 .....farms	-	8	10	-	8	3
.....number	-	341	369	-	256	86
50 to 99 .....farms	1	3	4	-	17	-
.....number	(D)	246	234	-	1,285	7
100 to 199 .....farms	-	9	1	-	7	3
.....number	-	1,375	(D)	-	1,081	365
200 to 499 .....farms	-	8	-	-	13	2
.....number	-	2,479	-	-	3,215	(D)
500 or more .....farms	-	2	-	-	7	-
.....number	-	(D)	-	-	9,190	-
Other cattle (see text) .....farms, 2017	22	196	46	34	303	78
.....farms, 2012	30	247	59	47	320	88
.....number, 2017	588	8,325	1,387	514	34,459	1,820
.....number, 2012	656	9,849	2,163	690	23,954	2,647
2017 farms by inventory:						
1 to 9 .....farms	5	100	25	16	127	41
.....number	19	506	(D)	(D)	582	130
10 to 19 .....farms	7	41	1	13	33	19
.....number	98	(D)	(D)	183	437	254
20 to 49 .....farms	5	19	12	3	48	8
.....number	145	581	376	78	1,452	268
50 to 99 .....farms	5	11	3	1	23	7
.....number	326	703	209	(D)	1,678	600
100 to 199 .....farms	-	16	5	1	30	1
.....number	-	2,118	678	(D)	4,063	(D)
200 to 499 .....farms	-	7	-	-	25	2
.....number	-	2,049	-	-	7,094	(D)
500 or more .....farms	-	2	-	-	17	-
.....number	-	(D)	-	-	19,153	-

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
INVENTORY						
Cattle and calves farms, 2017	13	167	240	227	465	17
..... farms, 2012	18	165	256	252	462	20
..... number, 2017	468	8,305	7,996	12,106	80,873	885
..... number, 2012	240	7,910	8,468	14,514	68,530	770
Farms by inventory:						
1 to 9 farms, 2017	2	68	114	119	99	3
..... farms, 2012	8	70	110	123	103	6
..... number, 2017	(D)	317	517	480	399	8
..... number, 2012	(D)	313	(D)	539	513	23
10 to 19 farms, 2017	2	23	44	30	62	5
..... farms, 2012	8	29	55	37	73	7
..... number, 2017	(D)	(D)	(D)	380	853	69
..... number, 2012	111	394	768	453	1,023	113
20 to 49 farms, 2017	5	43	39	38	63	4
..... farms, 2012	1	37	53	40	72	4
..... number, 2017	120	1,393	1,189	1,288	1,900	141
..... number, 2012	(D)	1,138	1,477	1,291	2,381	117
50 to 99 farms, 2017	4	10	30	23	75	2
..... farms, 2012	1	8	21	40	58	1
..... number, 2017	306	580	1,901	1,389	5,288	(D)
..... number, 2012	(D)	(D)	1,366	2,853	3,849	(D)
100 to 199 farms, 2017	-	14	7	14	56	2
..... farms, 2012	-	12	11	4	57	1
..... number, 2017	-	1,756	956	1,744	7,860	(D)
..... number, 2012	-	1,625	1,504	515	7,996	(D)
200 to 499 farms, 2017	-	7	4	1	82	1
..... farms, 2012	-	7	4	4	70	1
..... number, 2017	-	2,205	1,172	(D)	24,959	(D)
..... number, 2012	-	2,209	1,323	1,014	20,182	(D)
500 or more farms, 2017	-	2	2	2	28	-
..... farms, 2012	-	2	2	4	29	-
..... number, 2017	-	(D)	(D)	(D)	39,614	-
..... number, 2012	-	(D)	(D)	7,849	32,586	-
Cows and heifers that calved farms, 2017	12	107	169	153	336	10
..... farms, 2012	13	112	204	164	333	15
..... number, 2017	224	3,607	3,500	6,434	29,889	357
..... number, 2012	134	3,241	3,490	6,730	25,678	449
Beef cows farms, 2017	12	84	157	107	215	10
..... farms, 2012	13	87	185	100	173	14
..... number, 2017	224	858	2,189	1,470	3,332	357
..... number, 2012	134	667	2,171	1,365	1,982	(D)
2017 farms by inventory:						
1 to 9 farms	3	50	96	60	111	2
..... number	15	197	435	(D)	(D)	(D)
10 to 19 farms	5	11	32	23	49	1
..... number	59	120	456	299	640	(D)
20 to 49 farms	4	23	22	15	39	6
..... number	150	541	741	368	1,222	171
50 to 99 farms	-	-	5	8	14	-
..... number	-	-	(D)	488	819	-
100 to 199 farms	-	-	2	1	2	1
..... number	-	-	(D)	(D)	(D)	(D)
200 to 499 farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
500 or more farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Milk cows farms, 2017	-	23	19	49	164	-
..... farms, 2012	-	27	26	68	175	3
..... number, 2017	-	2,749	1,311	4,964	26,557	-
..... number, 2012	-	2,574	1,319	5,365	23,696	(D)
2017 farms by inventory:						
1 to 9 farms	-	4	4	23	43	-
..... number	-	4	18	40	110	-
10 to 19 farms	-	2	4	2	11	-
..... number	-	(D)	58	(D)	175	-
20 to 49 farms	-	2	4	17	26	-
..... number	-	(D)	146	484	976	-
50 to 99 farms	-	7	2	4	28	-
..... number	-	465	(D)	263	1,818	-
100 to 199 farms	-	4	3	1	31	-
..... number	-	575	420	(D)	4,273	-
200 to 499 farms	-	3	2	-	16	-
..... number	-	869	(D)	-	3,910	-
500 or more farms	-	1	-	2	9	-
..... number	-	(D)	-	(D)	15,295	-
Other cattle (see text) farms, 2017	11	123	189	177	393	17
..... farms, 2012	15	121	195	207	420	19
..... number, 2017	244	4,698	4,496	5,672	50,984	528
..... number, 2012	106	4,669	4,978	7,784	42,852	321
2017 farms by inventory:						
1 to 9 farms	5	41	110	92	106	8
..... number	(D)	165	456	357	413	(D)
10 to 19 farms	-	26	34	29	42	5
..... number	-	364	(D)	(D)	558	69
20 to 49 farms	4	34	22	38	53	1
..... number	101	1,055	680	1,151	1,700	(D)
50 to 99 farms	2	6	17	14	72	-
..... number	(D)	395	1,031	932	5,042	-
100 to 199 farms	-	11	4	3	45	3
..... number	-	1,417	485	354	6,398	409
200 to 499 farms	-	5	1	-	53	-
..... number	-	1,302	(D)	-	15,216	-
500 or more farms	-	-	1	1	22	-
..... number	-	-	(D)	(D)	21,657	-

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
INVENTORY						
Cattle and calves .....farms, 2017	195	294	140	240	29	94
.....farms, 2012	248	331	216	211	24	98
.....number, 2017	18,570	26,120	11,325	11,650	254	3,706
.....number, 2012	17,575	21,235	12,519	10,255	202	3,372
Farms by inventory:						
1 to 9 .....farms, 2017	85	84	54	109	17	33
.....farms, 2012	108	138	106	81	14	47
.....number, 2017	361	346	(D)	473	52	122
.....number, 2012	417	659	(D)	376	(D)	(D)
10 to 19 .....farms, 2017	28	59	33	39	8	20
.....farms, 2012	46	53	38	30	9	21
.....number, 2017	395	762	425	570	90	253
.....number, 2012	638	690	505	417	126	289
20 to 49 .....farms, 2017	46	60	39	39	4	27
.....farms, 2012	50	73	46	47	1	14
.....number, 2017	1,438	1,753	1,009	1,203	112	850
.....number, 2012	1,436	2,259	1,164	1,425	(D)	456
50 to 99 .....farms, 2017	14	34	5	23	-	11
.....farms, 2012	17	17	13	30	-	9
.....number, 2017	814	2,256	(D)	1,605	-	651
.....number, 2012	1,001	1,152	966	2,006	-	519
100 to 199 .....farms, 2017	6	29	4	18	-	-
.....farms, 2012	9	28	8	11	-	2
.....number, 2017	800	3,810	555	2,387	-	-
.....number, 2012	1,284	3,914	1,169	(D)	-	(D)
200 to 499 .....farms, 2017	9	16	1	8	-	1
.....farms, 2012	12	14	1	11	-	5
.....number, 2017	2,736	4,925	(D)	2,357	-	(D)
.....number, 2012	3,299	3,822	(D)	3,496	-	1,663
500 or more .....farms, 2017	7	12	4	4	-	2
.....farms, 2012	6	8	4	-	-	-
.....number, 2017	12,026	12,268	8,498	3,055	-	(D)
.....number, 2012	9,500	8,739	7,890	(D)	-	-
Cows and heifers that calved .....farms, 2017	144	198	120	167	24	76
.....farms, 2012	169	224	178	141	18	80
.....number, 2017	7,963	12,144	7,216	3,842	199	1,758
.....number, 2012	7,627	7,891	7,398	3,551	94	1,394
Beef cows .....farms, 2017	120	154	110	142	22	58
.....farms, 2012	136	184	159	114	17	57
.....number, 2017	1,252	2,580	1,224	1,508	190	541
.....number, 2012	1,584	2,193	1,762	1,342	(D)	543
2017 farms by inventory:						
1 to 9 .....farms	84	79	60	93	17	32
.....number	306	(D)	255	340	(D)	105
10 to 19 .....farms	16	38	37	23	1	19
.....number	206	519	503	281	(D)	261
20 to 49 .....farms	16	23	9	23	4	7
.....number	486	642	219	678	104	175
50 to 99 .....farms	4	12	4	3	-	-
.....number	254	719	247	209	-	-
100 to 199 .....farms	-	1	-	-	-	-
.....number	-	(D)	-	-	-	-
200 to 499 .....farms	-	1	-	-	-	-
.....number	-	(D)	-	-	-	-
500 or more .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Milk cows .....farms, 2017	27	49	16	32	3	23
.....farms, 2012	36	45	22	29	1	29
.....number, 2017	6,711	9,564	5,992	2,334	9	1,217
.....number, 2012	6,043	5,698	5,636	2,209	(D)	851
2017 farms by inventory:						
1 to 9 .....farms	5	8	8	8	3	6
.....number	19	17	10	8	9	10
10 to 19 .....farms	-	4	1	1	-	-
.....number	-	64	(D)	(D)	-	-
20 to 49 .....farms	6	8	-	5	-	15
.....number	(D)	210	-	170	-	(D)
50 to 99 .....farms	4	12	2	13	-	-
.....number	300	812	(D)	798	-	-
100 to 199 .....farms	4	7	1	2	-	-
.....number	495	857	(D)	(D)	-	-
200 to 499 .....farms	6	3	-	3	-	1
.....number	2,138	704	-	1,045	-	(D)
500 or more .....farms	2	7	4	-	-	1
.....number	(D)	6,900	5,717	-	-	(D)
Other cattle (see text) .....farms, 2017	151	246	102	181	17	69
.....farms, 2012	202	270	152	171	21	79
.....number, 2017	10,607	13,976	4,109	7,808	55	1,948
.....number, 2012	9,948	13,344	5,121	6,704	108	1,978
2017 farms by inventory:						
1 to 9 .....farms	63	90	62	83	17	33
.....number	235	346	326	347	55	153
10 to 19 .....farms	31	49	22	32	-	12
.....number	396	669	285	439	-	144
20 to 49 .....farms	29	44	7	22	-	19
.....number	771	1,301	(D)	573	-	511
50 to 99 .....farms	9	29	6	29	-	2
.....number	519	1,910	428	2,094	-	(D)
100 to 199 .....farms	7	18	1	5	-	1
.....number	796	2,353	(D)	613	-	(D)
200 to 499 .....farms	7	12	1	7	-	1
.....number	2,043	3,841	(D)	1,822	-	(D)
500 or more .....farms	5	4	3	3	-	1
.....number	5,847	3,556	2,320	1,920	-	(D)

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text) farms, 2017	1,146	1	2	41	2	7
..... farms, 2012	1,017	3	-	38	-	11
..... number, 2017	158,925	(D)	(D)	5,302	(D)	781
..... number, 2012	148,608	102	-	4,034	-	932
2017 farms by inventory:						
1 to 19 farms	225	-	-	6	1	2
..... number	3,198	-	-	91	(D)	(D)
20 to 49 farms	353	1	1	13	1	1
..... number	10,638	(D)	(D)	342	(D)	(D)
50 to 99 farms	211	-	1	2	-	2
..... number	13,464	-	(D)	(D)	-	(D)
100 to 199 farms	165	-	-	10	-	1
..... number	21,662	-	-	1,282	-	(D)
200 to 499 farms	131	-	-	8	-	1
..... number	40,066	-	-	1,761	-	(D)
500 or more farms	61	-	-	2	-	-
..... number	69,897	-	-	(D)	-	-
SALES						
Milk sold from cows farms, 2017	1,652	9	7	81	33	2
..... farms, 2012	1,913	7	6	74	34	2
..... \$1,000, 2017	1,786,057	4,542	1,411	109,519	16,540	(D)
..... \$1,000, 2012	1,540,609	4,744	1,264	81,849	11,784	(D)
Cattle and calves sold farms, 2017	9,539	44	34	315	102	45
..... farms, 2012	10,677	59	22	290	156	72
..... number, 2017	748,919	2,001	1,299	28,148	2,929	1,750
..... number, 2012	681,128	2,005	877	21,920	3,080	2,037
..... \$1,000, 2017	628,397	1,190	1,350	26,166	1,544	2,046
..... \$1,000, 2012	603,653	1,522	676	19,313	2,091	2,435
2017 farms by number sold:						
1 to 9 farms	4,614	17	16	148	39	15
..... number	18,113	68	64	602	(D)	59
10 to 19 farms	1,466	13	3	42	27	15
..... number	19,232	185	37	568	358	191
20 to 49 farms	1,480	6	4	39	22	7
..... number	44,149	179	157	1,184	632	230
50 to 99 farms	751	4	5	22	6	4
..... number	49,899	224	378	1,393	501	262
100 to 199 farms	507	1	6	35	6	2
..... number	69,698	(D)	663	4,688	829	(D)
200 to 499 farms	374	2	-	12	2	2
..... number	114,804	(D)	-	3,015	(D)	(D)
500 or more farms	347	1	-	17	-	-
..... number	433,024	(D)	-	16,698	-	-
Calves weighing less than 500 pounds, sold farms, 2017	3,347	20	7	112	56	12
..... farms, 2012	3,955	24	9	138	72	20
..... number, 2017	287,148	1,263	201	9,202	1,643	181
..... number, 2012	252,615	781	238	8,618	1,297	313
2017 farms by number sold:						
1 to 9 farms	1,596	7	3	45	22	7
..... number	5,879	36	12	185	87	(D)
10 to 19 farms	547	4	-	19	14	3
..... number	7,213	40	-	244	173	44
20 to 49 farms	513	4	2	16	6	-
..... number	14,874	80	(D)	453	199	-
50 to 99 farms	221	1	2	9	10	2
..... number	14,742	(D)	(D)	636	644	(D)
100 to 199 farms	184	2	-	13	4	-
..... number	24,260	(D)	-	1,665	540	-
200 to 499 farms	161	1	-	6	-	-
..... number	47,163	(D)	-	2,009	-	-
500 or more farms	125	1	-	4	-	-
..... number	173,017	(D)	-	4,010	-	-
Cattle weighing 500 pounds or more, sold farms, 2017	8,692	41	30	284	88	41
..... farms, 2012	9,628	53	21	254	144	66
..... number, 2017	461,771	738	1,098	18,946	1,286	1,569
..... number, 2012	428,513	1,224	639	13,302	1,783	1,724
2017 farms by number sold:						
1 to 9 farms	4,520	21	13	133	37	16
..... number	17,184	99	52	535	166	66
10 to 19 farms	1,413	12	3	45	33	10
..... number	18,510	147	(D)	575	431	128
20 to 49 farms	1,251	3	6	35	13	7
..... number	36,917	(D)	218	1,181	363	205
50 to 99 farms	631	3	2	27	5	5
..... number	42,058	195	(D)	1,879	326	312
100 to 199 farms	378	2	6	28	-	1
..... number	50,536	(D)	663	3,542	-	(D)
200 to 499 farms	294	-	-	3	-	2
..... number	88,228	-	-	650	-	(D)
500 or more farms	205	-	-	13	-	-
..... number	208,338	-	-	10,584	-	-
Cattle on feed sold (see text) farms, 2017	1,168	4	4	43	3	7
..... farms, 2012	1,102	4	1	41	2	9
..... number, 2017	166,320	55	135	4,920	46	694
..... number, 2012	157,503	108	(D)	4,065	(D)	709
2017 farms by number sold:						
1 to 19 farms	281	3	1	7	3	-
..... number	3,767	(D)	(D)	104	46	-
20 to 49 farms	352	1	2	8	-	3
..... number	10,473	(D)	(D)	232	-	91

--continued

Table 11. **Cattle and Calves - Inventory and Sales: 2017 and 2012** (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text) .....farms, 2017	11	-	23	8	5	6
.....farms, 2012	5	2	11	7	6	7
.....number, 2017	792	-	3,536	319	646	533
.....number, 2012	254	(D)	1,956	195	599	169
2017 farms by inventory:						
1 to 19 .....farms	2	-	6	6	-	1
.....number	(D)	-	82	(D)	-	(D)
20 to 49 .....farms	2	-	5	-	1	-
.....number	(D)	-	150	-	(D)	-
50 to 99 .....farms	5	-	3	1	-	4
.....number	346	-	152	(D)	-	(D)
100 to 199 .....farms	1	-	2	1	3	-
.....number	(D)	-	(D)	(D)	(D)	-
200 to 499 .....farms	1	-	5	-	1	1
.....number	(D)	-	1,726	-	(D)	(D)
500 or more .....farms	-	-	2	-	-	-
.....number	-	-	(D)	-	-	-
SALES						
Milk sold from cows .....farms, 2017	13	-	29	11	-	5
.....farms, 2012	18	-	29	9	-	7
.....\$1,000, 2017	11,204	-	71,507	11,212	-	4,193
.....\$1,000, 2012	13,039	-	66,145	6,119	-	5,734
Cattle and calves sold .....farms, 2017	48	33	264	56	28	85
.....farms, 2012	52	19	276	60	24	87
.....number, 2017	3,308	939	27,790	2,311	825	1,631
.....number, 2012	2,738	537	19,090	1,943	1,032	1,681
.....\$1,000, 2017	2,718	829	18,952	1,491	1,201	1,514
.....\$1,000, 2012	2,284	(D)	14,287	1,426	1,499	1,492
2017 farms by number sold:						
1 to 9 .....farms	12	20	147	24	16	61
.....number	46	96	548	88	59	184
10 to 19 .....farms	4	4	31	12	3	7
.....number	(D)	(D)	401	164	40	75
20 to 49 .....farms	13	-	32	10	5	11
.....number	428	-	947	265	179	315
50 to 99 .....farms	10	8	17	3	-	3
.....number	628	583	1,180	224	-	200
100 to 199 .....farms	5	1	5	4	4	1
.....number	753	(D)	696	527	547	(D)
200 to 499 .....farms	3	-	16	2	-	1
.....number	693	-	5,946	(D)	-	(D)
500 or more .....farms	1	-	16	1	-	1
.....number	(D)	-	18,072	(D)	-	(D)
Calves weighing less than 500 pounds,						
sold .....farms, 2017	26	16	77	16	6	27
.....farms, 2012	21	8	97	28	5	28
.....number, 2017	1,218	307	9,965	1,192	56	430
.....number, 2012	875	69	8,385	730	28	438
2017 farms by number sold:						
1 to 9 .....farms	10	11	34	2	3	21
.....number	34	(D)	(D)	(D)	13	67
10 to 19 .....farms	2	1	16	3	3	4
.....number	(D)	(D)	217	(D)	43	(D)
20 to 49 .....farms	9	3	9	5	-	1
.....number	328	95	284	172	-	(D)
50 to 99 .....farms	1	-	2	-	-	-
.....number	(D)	-	(D)	-	-	-
100 to 199 .....farms	3	1	5	5	-	-
.....number	387	(D)	638	626	-	-
200 to 499 .....farms	1	-	5	1	-	1
.....number	(D)	-	1,516	(D)	-	(D)
500 or more .....farms	-	-	6	-	-	-
.....number	-	-	7,068	-	-	-
Cattle weighing 500 pounds or more,						
sold .....farms, 2017	44	29	244	54	25	74
.....farms, 2012	50	19	252	55	24	76
.....number, 2017	2,090	632	17,825	1,119	769	1,201
.....number, 2012	1,863	468	10,705	1,213	1,004	1,243
2017 farms by number sold:						
1 to 9 .....farms	10	18	139	26	13	52
.....number	(D)	93	515	87	46	148
10 to 19 .....farms	6	2	29	12	4	5
.....number	74	(D)	373	151	55	50
20 to 49 .....farms	14	3	27	10	4	12
.....number	410	(D)	778	232	121	303
50 to 99 .....farms	8	6	17	3	-	2
.....number	637	433	1,076	232	-	(D)
100 to 199 .....farms	5	-	5	3	4	1
.....number	594	-	719	417	547	(D)
200 to 499 .....farms	1	-	17	-	-	2
.....number	(D)	-	5,779	-	-	(D)
500 or more .....farms	-	-	10	-	-	-
.....number	-	-	8,585	-	-	-
Cattle on feed sold (see text) .....farms, 2017	9	-	22	10	6	8
.....farms, 2012	4	-	15	5	5	4
.....number, 2017	675	-	2,326	238	610	465
.....number, 2012	95	-	2,203	139	828	138
2017 farms by number sold:						
1 to 19 .....farms	-	-	3	8	-	2
.....number	-	-	33	(D)	-	(D)
20 to 49 .....farms	3	-	9	-	2	4
.....number	(D)	-	240	-	(D)	112

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text)	farms, 2017	7	33	12	5	-
	2012	8	31	18	7	-
	number, 2017	1,224	2,906	523	140	-
	2012	734	1,619	485	165	-
2017 farms by inventory:						
1 to 19	farms	-	5	6	2	-
	number	-	74	92	(D)	-
20 to 49	farms	5	11	3	2	-
	number	(D)	392	94	(D)	(D)
50 to 99	farms	-	8	2	1	-
	number	-	550	(D)	(D)	(D)
100 to 199	farms	1	6	1	-	-
	number	(D)	840	(D)	-	-
200 to 499	farms	-	2	-	-	-
	number	-	(D)	-	-	-
500 or more	farms	1	1	-	-	-
	number	(D)	(D)	-	-	-
SALES						
Milk sold from cows	farms, 2017	26	22	6	4	7
	2012	30	26	9	7	5
	\$1,000, 2017	13,380	22,534	2,506	1,747	1,758
	2012	13,868	19,384	1,295	2,682	2,199
Cattle and calves sold	farms, 2017	192	188	116	54	58
	2012	183	193	127	70	81
	number, 2017	11,608	7,917	1,664	1,078	1,067
	2012	11,497	8,273	2,162	1,090	1,522
	\$1,000, 2017	6,404	6,744	1,786	912	1,053
	2012	6,404	8,036	2,189	906	1,323
2017 farms by number sold:						
1 to 9	farms	101	96	76	31	33
	number	407	424	293	116	149
10 to 19	farms	33	30	19	11	10
	number	419	403	(D)	132	125
20 to 49	farms	26	30	15	7	12
	number	750	897	381	180	343
50 to 99	farms	9	20	4	2	2
	number	576	1,182	242	(D)	(D)
100 to 199	farms	11	5	-	2	-
	number	1,585	779	-	(D)	-
200 to 499	farms	5	4	2	1	1
	number	1,630	1,375	(D)	(D)	(D)
500 or more	farms	7	3	-	-	-
	number	6,241	2,857	-	-	-
Calves weighing less than 500 pounds, sold	farms, 2017	59	55	33	13	20
	2012	73	44	42	23	16
	number, 2017	5,733	3,000	197	323	199
	2012	7,763	2,272	419	331	190
2017 farms by number sold:						
1 to 9	farms	27	35	30	10	14
	number	99	111	117	47	61
10 to 19	farms	13	8	1	-	4
	number	174	96	(D)	-	(D)
20 to 49	farms	4	5	2	-	1
	number	124	128	(D)	-	(D)
50 to 99	farms	2	-	-	2	1
	number	(D)	-	-	(D)	(D)
100 to 199	farms	7	3	-	1	-
	number	1,170	382	-	(D)	-
200 to 499	farms	2	2	-	-	-
	number	(D)	(D)	-	-	-
500 or more	farms	4	2	-	-	-
	number	3,580	(D)	-	-	-
Cattle weighing 500 pounds or more, sold	farms, 2017	162	172	102	53	53
	2012	158	178	114	61	75
	number, 2017	5,875	4,917	1,467	755	868
	2012	3,734	6,001	1,743	759	1,332
2017 farms by number sold:						
1 to 9	farms	100	89	65	30	33
	number	401	360	221	87	(D)
10 to 19	farms	23	30	18	13	12
	number	(D)	423	217	154	188
20 to 49	farms	21	26	15	7	6
	number	639	787	414	205	169
50 to 99	farms	6	17	2	2	1
	number	408	1,001	(D)	(D)	(D)
100 to 199	farms	5	7	-	-	-
	number	561	1,032	-	-	(D)
200 to 499	farms	5	2	2	1	1
	number	1,470	(D)	(D)	(D)	(D)
500 or more	farms	2	1	-	-	-
	number	(D)	(D)	-	-	-
Cattle on feed sold (see text)	farms, 2017	14	29	14	5	-
	2012	10	35	21	4	2
	number, 2017	1,936	1,994	408	144	-
	2012	914	2,031	728	195	(D)
2017 farms by number sold:						
1 to 19	farms	2	8	8	2	-
	number	(D)	(D)	(D)	(D)	-
20 to 49	farms	6	10	5	2	-
	number	184	337	(D)	(D)	-

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text) .....farms, 2017	6	34	-	5	-	14
2012	4	30	-	5	2	19
number, 2017	2,022	2,734	-	367	-	960
2012	182	2,254	-	99	(D)	2,863
2017 farms by inventory:						
1 to 19 .....farms	2	5	-	-	-	4
number	(D)	(D)	-	-	-	(D)
20 to 49 .....farms	1	14	-	3	-	2
number	(D)	465	-	(D)	-	(D)
50 to 99 .....farms	1	7	-	-	-	4
number	(D)	405	-	-	-	252
100 to 199 .....farms	-	7	-	2	-	4
number	-	900	-	(D)	-	606
200 to 499 .....farms	-	-	-	-	-	-
number	-	-	-	-	-	-
500 or more .....farms	2	1	-	-	-	-
number	(D)	(D)	-	-	-	-
SALES						
Milk sold from cows .....farms, 2017	33	50	-	8	3	22
2012	24	66	-	22	6	37
\$1,000, 2017	9,950	129,968	-	2,055	1,518	5,034
2012	8,715	114,912	-	4,756	1,730	6,521
Cattle and calves sold .....farms, 2017	137	242	8	60	27	187
2012	128	273	10	92	43	245
number, 2017	8,330	28,776	25	2,241	496	3,463
2012	5,329	27,961	146	3,156	999	7,215
\$1,000, 2017	6,819	20,090	52	2,185	341	3,326
2012	4,328	22,916	113	2,511	926	7,881
2017 farms by number sold:						
1 to 9 .....farms	54	97	8	15	16	105
number	200	379	25	68	71	(D)
10 to 19 .....farms	17	38	-	15	4	41
number	229	482	-	199	52	525
20 to 49 .....farms	41	32	-	19	4	24
number	1,274	967	-	605	108	734
50 to 99 .....farms	8	25	-	3	2	11
number	542	1,569	-	241	(D)	727
100 to 199 .....farms	6	22	-	8	1	5
number	862	3,250	-	1,128	(D)	695
200 to 499 .....farms	7	10	-	-	-	1
number	2,328	2,755	-	-	-	(D)
500 or more .....farms	4	18	-	-	-	-
number	2,895	19,374	-	-	-	-
Calves weighing less than 500 pounds, sold .....farms, 2017	62	93	4	24	5	59
2012	56	111	8	38	12	103
number, 2017	4,028	10,775	6	394	129	763
2012	2,005	10,909	84	784	243	1,123
2017 farms by number sold:						
1 to 9 .....farms	18	34	4	9	2	36
number	(D)	108	6	(D)	(D)	145
10 to 19 .....farms	19	15	-	9	1	11
number	258	185	-	102	(D)	(D)
20 to 49 .....farms	16	16	-	4	1	10
number	466	467	-	113	(D)	292
50 to 99 .....farms	-	5	-	2	1	1
number	-	402	-	(D)	(D)	(D)
100 to 199 .....farms	3	7	-	-	-	1
number	319	912	-	-	-	(D)
200 to 499 .....farms	4	10	-	-	-	-
number	1,600	3,226	-	-	-	-
500 or more .....farms	2	6	-	-	-	-
number	(D)	5,475	-	-	-	-
Cattle weighing 500 pounds or more, sold .....farms, 2017	119	221	6	58	27	169
2012	112	253	7	83	41	229
number, 2017	4,302	18,001	19	1,847	367	2,700
2012	3,324	17,052	62	2,372	756	6,092
2017 farms by number sold:						
1 to 9 .....farms	59	95	6	21	17	101
number	(D)	341	19	97	77	381
10 to 19 .....farms	20	34	-	12	4	43
number	243	457	-	156	(D)	555
20 to 49 .....farms	26	33	-	15	4	11
number	800	1,076	-	487	110	(D)
50 to 99 .....farms	5	20	-	3	2	9
number	370	1,172	-	197	(D)	532
100 to 199 .....farms	4	16	-	7	-	4
number	625	2,151	-	910	-	550
200 to 499 .....farms	3	14	-	-	-	1
number	697	3,792	-	-	-	(D)
500 or more .....farms	2	9	-	-	-	-
number	(D)	9,012	-	-	-	-
Cattle on feed sold (see text) .....farms, 2017	6	35	-	6	-	16
2012	5	29	-	6	-	21
number, 2017	1,460	2,717	-	288	-	899
2012	274	2,565	-	124	-	3,749
2017 farms by number sold:						
1 to 19 .....farms	-	8	-	2	-	6
number	-	(D)	-	(D)	-	86
20 to 49 .....farms	3	12	-	2	-	4
number	65	331	-	(D)	-	151

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text) farms, 2017	3	9	8	-	8	34
..... farms, 2012	2	9	7	-	7	15
..... number, 2017	72	641	153	-	570	5,861
..... number, 2012	(D)	258	177	-	740	3,019
2017 farms by inventory:						
1 to 19 farms	1	4	7	-	1	6
..... number	(D)	(D)	(D)	-	(D)	(D)
20 to 49 farms	2	1	-	-	4	5
..... number	(D)	(D)	-	-	101	131
50 to 99 farms	-	-	1	-	1	8
..... number	-	-	(D)	-	(D)	460
100 to 199 farms	-	4	-	-	1	6
..... number	-	551	-	-	(D)	725
200 to 499 farms	-	-	-	-	1	8
..... number	-	-	-	-	(D)	2,960
500 or more farms	-	-	-	-	-	1
..... number	-	-	-	-	-	(D)
SALES						
Milk sold from cows farms, 2017	3	10	20	-	3	32
..... farms, 2012	5	14	37	-	5	32
..... \$1,000, 2017	(D)	4,672	4,469	-	214	103,994
..... \$1,000, 2012	1,031	5,305	3,303	-	637	80,950
Cattle and calves sold farms, 2017	73	111	138	16	67	170
..... farms, 2012	96	118	168	14	80	189
..... number, 2017	896	1,806	2,743	73	1,800	44,802
..... number, 2012	1,297	2,369	2,417	82	1,526	36,021
..... \$1,000, 2017	802	1,789	2,047	94	2,137	22,642
..... \$1,000, 2012	1,098	2,099	1,909	60	1,595	(D)
2017 farms by number sold:						
1 to 9 farms	47	74	81	14	42	60
..... number	(D)	287	(D)	(D)	182	272
10 to 19 farms	16	17	25	8	8	17
..... number	210	231	348	(D)	91	243
20 to 49 farms	8	10	18	-	7	25
..... number	216	308	574	-	199	655
50 to 99 farms	-	5	10	-	7	17
..... number	-	280	596	-	463	1,046
100 to 199 farms	2	5	1	-	1	21
..... number	(D)	700	(D)	-	(D)	3,121
200 to 499 farms	-	-	3	-	1	18
..... number	-	-	760	-	(D)	5,333
500 or more farms	-	-	-	-	1	12
..... number	-	-	-	-	(D)	34,132
Calves weighing less than 500 pounds, sold farms, 2017	16	37	49	1	21	73
..... farms, 2012	36	34	66	4	16	84
..... number, 2017	194	390	1,205	(D)	97	28,206
..... number, 2012	321	524	798	16	110	24,316
2017 farms by number sold:						
1 to 9 farms	11	25	30	1	18	23
..... number	61	(D)	97	(D)	67	57
10 to 19 farms	4	5	5	-	3	9
..... number	(D)	72	70	-	30	121
20 to 49 farms	-	5	11	-	-	8
..... number	-	110	408	-	-	257
50 to 99 farms	1	2	-	-	-	6
..... number	(D)	(D)	-	-	-	420
100 to 199 farms	-	-	1	-	-	11
..... number	-	-	(D)	-	-	1,512
200 to 499 farms	-	-	2	-	-	10
..... number	-	-	(D)	-	-	2,489
500 or more farms	-	-	-	-	-	6
..... number	-	-	-	-	-	23,350
Cattle weighing 500 pounds or more, sold farms, 2017	70	104	115	16	55	151
..... farms, 2012	89	114	141	12	79	155
..... number, 2017	702	1,416	1,538	(D)	1,703	16,596
..... number, 2012	976	1,845	1,619	66	1,416	11,705
2017 farms by number sold:						
1 to 9 farms	49	77	73	14	33	59
..... number	184	291	290	41	137	251
10 to 19 farms	14	15	27	2	6	23
..... number	187	(D)	385	(D)	69	301
20 to 49 farms	5	2	5	-	6	24
..... number	(D)	(D)	(D)	-	169	659
50 to 99 farms	1	7	8	-	7	13
..... number	(D)	394	480	-	463	850
100 to 199 farms	1	3	2	-	1	13
..... number	(D)	446	(D)	-	(D)	1,836
200 to 499 farms	-	-	-	-	1	9
..... number	-	-	-	-	(D)	2,741
500 or more farms	-	-	-	-	1	10
..... number	-	-	-	-	(D)	9,958
Cattle on feed sold (see text) farms, 2017	1	10	7	-	13	32
..... farms, 2012	8	8	8	-	8	16
..... number, 2017	(D)	464	184	-	875	4,451
..... number, 2012	228	231	306	-	479	3,225
2017 farms by number sold:						
1 to 19 farms	1	5	4	-	-	6
..... number	(D)	(D)	54	-	-	96
20 to 49 farms	-	1	1	-	6	4
..... number	-	(D)	(D)	-	170	110

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text) .....farms, 2017	38	-	97	12	53	2
2012	26	-	114	12	50	2
number, 2017	3,444	-	51,247	2,022	4,919	(D)
2012	3,263	-	61,590	1,429	6,800	(D)
2017 farms by inventory:						
1 to 19 .....farms	4	-	2	3	12	1
number	(D)	-	(D)	36	(D)	(D)
20 to 49 .....farms	18	-	17	6	15	-
number	564	-	(D)	146	500	-
50 to 99 .....farms	5	-	10	-	16	-
number	367	-	743	-	868	-
100 to 199 .....farms	7	-	11	-	5	-
number	820	-	1,441	-	578	-
200 to 499 .....farms	3	-	42	2	3	1
number	844	-	14,118	(D)	830	(D)
500 or more .....farms	1	-	15	1	2	-
number	(D)	-	34,389	(D)	(D)	-
SALES						
Milk sold from cows .....farms, 2017	41	3	71	31	42	12
2012	66	6	88	30	63	16
\$1,000, 2017	44,804	2,667	200,349	33,128	70,256	8,233
2012	21,776	1,464	162,586	(D)	(D)	8,145
Cattle and calves sold .....farms, 2017	256	34	275	167	258	54
2012	301	32	324	183	311	84
number, 2017	27,754	1,208	110,965	7,852	28,663	2,882
2012	20,609	372	132,141	5,761	28,238	3,417
\$1,000, 2017	18,788	1,158	125,600	5,311	(D)	2,382
2012	14,723	332	129,812	4,845	(D)	2,530
2017 farms by number sold:						
1 to 9 .....farms	131	25	48	111	116	16
number	428	77	146	403	514	89
10 to 19 .....farms	30	-	18	18	32	14
number	381	-	221	(D)	427	199
20 to 49 .....farms	35	3	53	13	38	11
number	1,129	82	1,532	369	1,103	324
50 to 99 .....farms	16	1	39	9	21	7
number	1,071	(D)	2,695	582	1,402	432
100 to 199 .....farms	18	2	29	5	16	3
number	2,381	(D)	4,271	608	2,467	369
200 to 499 .....farms	10	3	41	9	21	2
number	3,605	747	12,642	3,090	6,799	(D)
500 or more .....farms	16	-	47	2	14	1
number	18,759	-	89,458	(D)	15,951	(D)
Calves weighing less than 500 pounds,						
sold .....farms, 2017	74	9	84	64	85	23
2012	112	6	105	78	91	38
number, 2017	15,674	312	26,307	3,099	6,447	837
2012	11,752	79	39,759	2,090	7,773	1,116
2017 farms by number sold:						
1 to 9 .....farms	37	5	15	39	48	9
number	109	(D)	61	143	189	41
10 to 19 .....farms	4	-	14	6	9	4
number	50	-	182	(D)	(D)	53
20 to 49 .....farms	5	1	22	6	9	2
number	145	(D)	641	156	233	(D)
50 to 99 .....farms	7	3	11	4	7	6
number	509	273	590	277	426	357
100 to 199 .....farms	7	-	6	5	5	2
number	884	-	676	668	755	(D)
200 to 499 .....farms	4	-	6	3	5	-
number	1,600	-	1,855	780	1,133	-
500 or more .....farms	10	-	10	1	2	-
number	12,377	-	22,302	(D)	(D)	-
Cattle weighing 500 pounds or more,						
sold .....farms, 2017	233	32	264	140	249	53
2012	265	30	306	166	288	76
number, 2017	12,080	896	84,658	4,753	22,216	2,045
2012	8,857	293	92,382	3,671	20,465	2,301
2017 farms by number sold:						
1 to 9 .....farms	134	23	57	89	113	20
number	439	69	196	319	441	113
10 to 19 .....farms	21	-	27	20	37	17
number	261	-	351	292	499	237
20 to 49 .....farms	40	4	50	14	34	9
number	1,303	119	1,569	421	1,035	325
50 to 99 .....farms	17	-	24	6	20	4
number	1,203	-	1,659	429	1,347	247
100 to 199 .....farms	9	5	27	7	19	1
number	1,250	708	3,879	1,032	2,875	(D)
200 to 499 .....farms	5	-	39	2	13	2
number	1,360	-	11,988	(D)	4,079	(D)
500 or more .....farms	7	-	40	2	13	-
number	6,264	-	65,016	(D)	11,940	-
Cattle on feed sold (see text) .....farms, 2017						
2012	55	-	108	9	57	1
number, 2017	23	-	120	10	57	2
2012	5,332	-	59,040	1,784	5,277	(D)
2012	3,701	-	61,411	801	6,712	(D)
2017 farms by number sold:						
1 to 19 .....farms	15	-	9	5	12	-
number	128	-	106	74	(D)	-
20 to 49 .....farms	29	-	17	1	23	-
number	962	-	573	(D)	697	-

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text) farms, 2017	-	54	31	11	-	24
..... farms, 2012	-	36	18	5	-	33
..... farms, 2017	-	6,347	2,545	297	-	3,444
..... farms, 2012	-	2,852	3,414	187	-	3,847
2017 farms by inventory:						
1 to 19 farms	-	8	7	4	-	6
..... farms number	-	99	102	(D)	-	(D)
20 to 49 farms	-	24	15	5	-	4
..... farms number	-	820	522	118	-	101
50 to 99 farms	-	9	3	2	-	3
..... farms number	-	574	170	(D)	-	171
100 to 199 farms	-	3	2	-	-	3
..... farms number	-	382	(D)	-	-	492
200 to 499 farms	-	5	3	-	-	7
..... farms number	-	1,445	729	-	-	2,001
500 or more farms	-	5	1	-	-	1
..... farms number	-	3,027	(D)	-	-	(D)
SALES						
Milk sold from cows farms, 2017	-	49	26	8	1	34
..... farms, 2012	-	41	21	9	-	39
..... farms, 2017	-	37,100	15,202	34,275	(D)	37,933
..... farms, 2012	-	27,520	12,221	26,914	-	31,609
Cattle and calves sold farms, 2017	27	245	213	112	39	232
..... farms, 2012	30	233	212	130	43	252
..... farms, 2017	509	13,573	6,736	9,132	386	10,876
..... farms, 2012	510	16,703	7,477	5,787	523	10,443
..... farms, 2017	347	14,798	6,675	4,094	352	11,317
..... farms, 2012	390	12,547	8,342	3,070	467	10,561
2017 farms by number sold:						
1 to 9 farms	12	93	121	71	28	138
..... farms number	(D)	365	454	253	93	506
10 to 19 farms	5	48	33	17	8	30
..... farms number	62	586	(D)	241	94	417
20 to 49 farms	8	42	21	14	2	26
..... farms number	264	1,197	632	370	(D)	802
50 to 99 farms	2	35	21	4	-	10
..... farms number	(D)	2,296	1,394	277	-	701
100 to 199 farms	-	11	11	3	1	12
..... farms number	-	1,373	1,271	380	(D)	1,502
200 to 499 farms	-	9	5	1	-	12
..... farms number	-	2,660	1,799	(D)	-	3,212
500 or more farms	-	7	1	2	-	4
..... farms number	-	5,096	(D)	(D)	-	3,736
Calves weighing less than 500 pounds, sold farms, 2017	10	68	75	26	15	82
..... farms, 2012	6	68	56	35	10	73
..... farms, 2017	211	2,986	1,679	5,260	64	2,821
..... farms, 2012	108	7,707	1,098	2,708	44	2,442
2017 farms by number sold:						
1 to 9 farms	3	37	43	16	13	49
..... farms number	(D)	138	152	56	(D)	189
10 to 19 farms	1	15	19	2	2	9
..... farms number	(D)	206	260	(D)	(D)	(D)
20 to 49 farms	6	4	6	3	-	14
..... farms number	187	(D)	190	64	-	370
50 to 99 farms	-	3	2	2	-	3
..... farms number	-	235	(D)	(D)	-	173
100 to 199 farms	-	4	2	1	-	5
..... farms number	-	421	(D)	(D)	-	664
200 to 499 farms	-	4	3	-	-	1
..... farms number	-	947	757	-	-	(D)
500 or more farms	-	1	-	2	-	1
..... farms number	-	(D)	-	(D)	-	(D)
Cattle weighing 500 pounds or more, sold farms, 2017	24	233	192	107	35	215
..... farms, 2012	28	217	194	121	43	227
..... farms, 2017	298	10,587	5,057	3,872	322	8,055
..... farms, 2012	402	8,996	6,379	3,079	479	8,001
2017 farms by number sold:						
1 to 9 farms	15	95	111	69	27	127
..... farms number	52	389	357	228	106	394
10 to 19 farms	4	42	30	17	7	29
..... farms number	(D)	483	(D)	248	(D)	376
20 to 49 farms	4	41	18	14	-	25
..... farms number	110	1,169	467	404	-	625
50 to 99 farms	1	35	24	3	-	11
..... farms number	(D)	2,230	1,708	189	-	806
100 to 199 farms	-	8	7	2	1	11
..... farms number	-	1,016	862	(D)	(D)	1,415
200 to 499 farms	-	6	1	-	-	9
..... farms number	-	1,604	(D)	-	-	2,566
500 or more farms	-	6	1	2	-	3
..... farms number	-	3,696	(D)	(D)	-	1,873
Cattle on feed sold (see text) farms, 2017	-	54	30	10	-	23
..... farms, 2012	-	31	22	9	-	32
..... farms, 2017	-	5,237	2,451	191	-	3,590
..... farms, 2012	-	2,857	2,874	175	-	3,888
2017 farms by number sold:						
1 to 19 farms	-	9	11	6	-	4
..... farms number	-	(D)	162	91	-	(D)
20 to 49 farms	-	23	5	4	-	4
..... farms number	-	738	(D)	100	-	141

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text) .....farms, 2017	-	-	35	3	34	10
.....farms, 2012	-	-	32	6	18	6
.....number, 2017	-	-	5,201	422	3,127	198
.....number, 2012	-	-	3,793	580	2,011	144
2017 farms by inventory:						
1 to 19 .....farms	-	-	1	-	10	7
.....number	-	-	(D)	-	168	103
20 to 49 .....farms	-	-	12	-	12	3
.....number	-	-	386	-	403	95
50 to 99 .....farms	-	-	5	-	4	-
.....number	-	-	(D)	-	274	-
100 to 199 .....farms	-	-	10	3	5	-
.....number	-	-	1,310	422	632	-
200 to 499 .....farms	-	-	3	-	-	-
.....number	-	-	920	-	-	-
500 or more .....farms	-	-	4	-	3	-
.....number	-	-	2,245	-	1,650	-
SALES						
Milk sold from cows .....farms, 2017	-	5	31	5	29	11
.....farms, 2012	-	2	37	4	25	8
.....\$1,000, 2017	-	1,341	8,900	511	64,395	9,046
.....\$1,000, 2012	-	(D)	9,003	599	37,731	9,513
Cattle and calves sold .....farms, 2017	-	45	205	33	197	113
.....farms, 2012	-	42	262	45	204	112
.....number, 2017	-	643	9,539	963	31,190	2,231
.....number, 2012	-	670	10,055	1,443	19,484	2,579
.....\$1,000, 2017	-	432	11,080	964	20,770	2,092
.....\$1,000, 2012	-	612	10,830	1,551	16,718	2,029
2017 farms by number sold:						
1 to 9 .....farms	-	33	95	15	90	77
.....number	-	147	403	69	299	273
10 to 19 .....farms	-	5	37	4	31	21
.....number	-	(D)	489	(D)	468	292
20 to 49 .....farms	-	3	32	5	30	7
.....number	-	91	902	168	981	(D)
50 to 99 .....farms	-	3	23	8	8	4
.....number	-	210	1,432	498	549	275
100 to 199 .....farms	-	1	6	1	10	3
.....number	-	(D)	798	(D)	1,402	435
200 to 499 .....farms	-	-	7	-	5	-
.....number	-	-	2,154	-	1,590	-
500 or more .....farms	-	-	5	-	23	1
.....number	-	-	3,361	-	25,901	(D)
Calves weighing less than 500 pounds, sold .....farms, 2017	-	19	63	9	68	39
.....farms, 2012	-	21	80	13	70	32
.....number, 2017	-	305	1,674	130	15,355	495
.....number, 2012	-	206	1,013	123	6,983	963
2017 farms by number sold:						
1 to 9 .....farms	-	12	30	3	19	32
.....number	-	(D)	100	(D)	77	107
10 to 19 .....farms	-	-	14	2	13	3
.....number	-	-	184	(D)	170	35
20 to 49 .....farms	-	6	14	4	9	2
.....number	-	154	456	94	229	(D)
50 to 99 .....farms	-	1	1	-	6	1
.....number	-	(D)	(D)	-	394	(D)
100 to 199 .....farms	-	-	2	-	-	1
.....number	-	-	(D)	-	-	(D)
200 to 499 .....farms	-	-	2	-	16	-
.....number	-	-	(D)	-	5,370	-
500 or more .....farms	-	-	-	-	5	-
.....number	-	-	-	-	9,115	-
Cattle weighing 500 pounds or more, sold .....farms, 2017	-	41	201	31	186	103
.....farms, 2012	-	35	245	40	181	106
.....number, 2017	-	338	7,865	833	15,835	1,736
.....number, 2012	-	464	9,042	1,320	12,501	1,616
2017 farms by number sold:						
1 to 9 .....farms	-	36	103	14	91	75
.....number	-	146	445	63	284	289
10 to 19 .....farms	-	1	43	3	32	19
.....number	-	(D)	591	(D)	463	279
20 to 49 .....farms	-	2	31	9	23	1
.....number	-	(D)	941	286	779	(D)
50 to 99 .....farms	-	2	9	4	7	6
.....number	-	(D)	627	274	451	407
100 to 199 .....farms	-	-	3	1	9	1
.....number	-	-	346	(D)	1,204	(D)
200 to 499 .....farms	-	-	9	-	17	-
.....number	-	-	3,094	-	5,644	-
500 or more .....farms	-	-	3	-	7	1
.....number	-	-	1,821	-	7,010	(D)
Cattle on feed sold (see text) .....farms, 2017	-	1	34	3	20	10
.....farms, 2012	-	-	39	5	20	6
.....number, 2017	-	(D)	5,389	338	2,610	208
.....number, 2012	-	-	3,585	852	3,067	166
2017 farms by number sold:						
1 to 19 .....farms	-	-	7	-	5	9
.....number	-	-	(D)	-	76	(D)
20 to 49 .....farms	-	1	11	-	2	-
.....number	-	(D)	388	-	(D)	-

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text) farms, 2017	1	-	3	2	-	5
..... farms, 2012	-	-	4	9	4	4
..... number, 2017	(D)	-	(D)	(D)	-	261
..... farms, 2012	-	-	4,676	334	44	279
2017 farms by inventory:						
1 to 19 farms	-	-	-	1	-	-
..... number	-	-	-	(D)	-	-
20 to 49 farms	-	-	-	1	-	3
..... number	-	-	-	(D)	-	(D)
50 to 99 farms	-	-	2	-	-	2
..... number	-	-	(D)	-	-	(D)
100 to 199 farms	1	-	-	-	-	-
..... number	(D)	-	-	-	-	-
200 to 499 farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
500 or more farms	-	-	1	-	-	-
..... number	-	-	(D)	-	-	-
SALES						
Milk sold from cows farms, 2017	-	6	7	2	5	18
..... farms, 2012	-	4	11	1	1	16
..... \$1,000, 2017	-	4,311	2,995	(D)	1,320	14,518
..... farms, 2012	-	3,180	1,730	(D)	(D)	10,970
Cattle and calves sold farms, 2017	12	27	40	46	33	100
..... farms, 2012	16	36	61	69	42	83
..... number, 2017	433	2,131	4,259	1,597	540	4,544
..... farms, 2012	697	1,258	7,739	843	502	6,655
..... \$1,000, 2017	(D)	1,932	(D)	2,122	455	3,853
..... farms, 2012	654	891	12,430	764	593	6,652
2017 farms by number sold:						
1 to 9 farms	3	6	28	29	20	40
..... number	15	35	105	119	54	(D)
10 to 19 farms	1	8	-	7	2	15
..... number	(D)	124	-	(D)	(D)	195
20 to 49 farms	6	5	7	2	10	29
..... number	223	147	(D)	(D)	383	935
50 to 99 farms	1	3	3	3	1	5
..... number	(D)	247	216	280	(D)	333
100 to 199 farms	1	-	-	-	-	4
..... number	(D)	-	-	-	-	590
200 to 499 farms	-	5	1	5	-	6
..... number	-	1,578	(D)	1,050	-	1,846
500 or more farms	-	-	1	-	-	1
..... number	-	-	(D)	-	-	(D)
Calves weighing less than 500 pounds,						
sold farms, 2017	6	11	12	12	13	38
..... farms, 2012	5	20	20	23	7	29
..... number, 2017	130	265	295	241	172	1,575
..... farms, 2012	29	515	172	164	23	980
2017 farms by number sold:						
1 to 9 farms	2	6	6	10	8	17
..... number	(D)	31	(D)	(D)	22	76
10 to 19 farms	2	1	2	-	-	5
..... number	(D)	(D)	(D)	-	-	(D)
20 to 49 farms	2	2	3	-	5	5
..... number	(D)	(D)	104	-	150	120
50 to 99 farms	-	2	-	2	-	4
..... number	-	(D)	-	(D)	-	285
100 to 199 farms	-	-	1	-	-	5
..... number	-	-	(D)	-	-	597
200 to 499 farms	-	-	-	-	-	2
..... number	-	-	-	-	-	(D)
500 or more farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Cattle weighing 500 pounds or more,						
sold farms, 2017	10	26	35	38	29	94
..... farms, 2012	16	31	53	61	40	79
..... number, 2017	303	1,866	3,964	1,356	368	2,969
..... farms, 2012	668	743	7,567	679	479	5,675
2017 farms by number sold:						
1 to 9 farms	3	6	24	26	16	42
..... number	(D)	24	97	105	(D)	151
10 to 19 farms	3	10	1	4	8	12
..... number	45	140	(D)	42	128	(D)
20 to 49 farms	2	5	7	2	4	26
..... number	(D)	138	(D)	(D)	122	766
50 to 99 farms	1	-	2	1	1	8
..... number	(D)	-	(D)	(D)	(D)	560
100 to 199 farms	1	-	-	-	-	5
..... number	(D)	-	-	-	-	826
200 to 499 farms	-	5	-	5	-	-
..... number	-	1,564	-	1,050	-	-
500 or more farms	-	-	1	-	-	1
..... number	-	-	(D)	-	-	(D)
Cattle on feed sold (see text) farms, 2017	1	-	6	7	-	5
..... farms, 2012	-	-	5	7	-	7
..... number, 2017	(D)	-	(D)	1,106	-	131
..... farms, 2012	-	-	7,067	146	-	304
2017 farms by number sold:						
1 to 19 farms	-	-	-	1	-	1
..... number	-	-	-	(D)	-	(D)
20 to 49 farms	-	-	5	1	-	4
..... number	-	-	126	(D)	-	(D)

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text) .....farms, 2017	8	9	6	4	13	25
2012	10	15	-	2	7	33
number, 2017	708	545	604	365	1,257	1,233
2012	613	938	-	(D)	1,386	2,012
2017 farms by inventory:						
1 to 19 .....farms	1	-	3	-	4	5
number	(D)	-	44	-	48	67
20 to 49 .....farms	5	3	-	-	3	10
number	164	(D)	-	-	72	309
50 to 99 .....farms	-	5	1	2	2	6
number	-	316	(D)	(D)	(D)	427
100 to 199 .....farms	1	1	-	2	2	4
number	(D)	(D)	-	(D)	(D)	430
200 to 499 .....farms	1	-	2	-	1	-
number	(D)	-	(D)	-	(D)	-
500 or more .....farms	-	-	-	-	1	-
number	-	-	-	-	(D)	-
SALES						
Milk sold from cows .....farms, 2017	62	37	2	56	3	55
2012	98	39	2	51	5	79
\$1,000, 2017	14,148	28,629	(D)	102,612	1,286	36,184
2012	15,435	26,170	(D)	82,365	2,295	42,120
Cattle and calves sold .....farms, 2017	226	105	108	139	100	219
2012	264	133	113	131	76	300
number, 2017	6,900	4,639	5,739	31,023	3,262	12,352
2012	5,971	7,012	4,865	15,996	4,323	12,588
\$1,000, 2017	(D)	3,811	3,280	23,453	4,276	7,627
2012	(D)	(D)	(D)	12,055	4,119	11,537
2017 farms by number sold:						
1 to 9 .....farms	107	33	69	45	66	108
number	(D)	(D)	240	178	243	419
10 to 19 .....farms	71	14	18	7	15	26
number	862	168	(D)	93	181	(D)
20 to 49 .....farms	28	33	12	12	7	38
number	781	993	369	347	165	1,137
50 to 99 .....farms	7	16	5	16	5	27
number	455	1,026	276	1,074	294	1,891
100 to 199 .....farms	5	4	-	25	3	12
number	840	522	-	3,598	381	1,505
200 to 499 .....farms	6	4	3	16	2	2
number	2,017	1,275	833	5,188	(D)	(D)
500 or more .....farms	2	1	1	18	2	6
number	(D)	(D)	(D)	20,545	(D)	6,262
Calves weighing less than 500 pounds,						
sold .....farms, 2017	76	49	35	69	22	92
2012	132	55	43	81	20	133
number, 2017	1,603	1,590	(D)	12,616	468	7,461
2012	2,005	2,205	3,780	7,320	298	4,184
2017 farms by number sold:						
1 to 9 .....farms	47	14	28	6	19	36
number	136	64	113	29	57	162
10 to 19 .....farms	12	15	2	12	-	11
number	137	187	(D)	186	-	(D)
20 to 49 .....farms	11	12	1	7	1	24
number	345	308	(D)	204	(D)	696
50 to 99 .....farms	2	5	2	8	1	11
number	(D)	390	(D)	570	(D)	596
100 to 199 .....farms	2	1	1	15	-	2
number	(D)	(D)	(D)	1,969	-	(D)
200 to 499 .....farms	2	2	-	14	1	5
number	(D)	(D)	-	3,900	(D)	1,835
500 or more .....farms	-	-	1	7	-	3
number	-	-	(D)	5,758	-	3,704
Cattle weighing 500 pounds or more,						
sold .....farms, 2017	205	93	100	138	87	201
2012	228	127	96	108	67	267
number, 2017	5,297	3,049	(D)	18,407	2,794	4,891
2012	3,966	4,807	1,085	8,676	4,025	8,404
2017 farms by number sold:						
1 to 9 .....farms	109	31	69	56	54	108
number	484	(D)	227	202	190	363
10 to 19 .....farms	58	21	18	4	15	23
number	703	283	241	50	181	(D)
20 to 49 .....farms	24	23	6	13	7	46
number	591	656	194	493	165	1,283
50 to 99 .....farms	5	11	3	25	6	15
number	(D)	702	176	1,675	340	962
100 to 199 .....farms	1	5	-	13	2	7
number	(D)	643	-	1,720	(D)	874
200 to 499 .....farms	7	2	3	14	1	1
number	2,092	(D)	720	3,885	(D)	(D)
500 or more .....farms	1	-	1	13	2	1
number	(D)	-	(D)	10,382	(D)	(D)
Cattle on feed sold (see text) .....farms, 2017	7	12	7	4	9	22
2012	12	18	-	3	3	34
number, 2017	484	702	496	495	1,912	852
2012	722	1,258	-	112	2,275	1,992
2017 farms by number sold:						
1 to 19 .....farms	4	1	4	-	1	5
number	59	(D)	51	-	(D)	(D)
20 to 49 .....farms	1	9	1	-	3	12
number	(D)	236	(D)	-	85	351

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text) farms, 2017	2	13	21	2	16	8
..... farms, 2012	-	4	20	-	12	7
..... number, 2017	(D)	1,035	3,534	(D)	994	907
..... farms, 2012	-	250	1,498	-	660	2,303
2017 farms by inventory:						
1 to 19 farms	-	3	3	-	4	-
..... number	-	42	(D)	-	(D)	-
20 to 49 farms	-	3	4	2	2	3
..... number	-	78	97	(D)	(D)	(D)
50 to 99 farms	2	2	5	-	5	4
..... number	(D)	(D)	385	-	302	300
100 to 199 farms	-	4	3	-	5	-
..... number	-	530	343	-	580	-
200 to 499 farms	-	1	4	-	-	1
..... number	-	(D)	1,469	-	-	(D)
500 or more farms	-	-	2	-	-	-
..... number	-	-	(D)	-	-	-
SALES						
Milk sold from cows farms, 2017	7	10	49	1	12	43
..... farms, 2012	4	16	56	2	25	38
..... \$1,000, 2017	4,338	18,232	56,904	(D)	9,306	32,493
..... farms, 2012	2,717	18,673	53,137	(D)	13,318	25,522
Cattle and calves sold farms, 2017	47	101	227	30	84	107
..... farms, 2012	68	106	253	39	104	108
..... number, 2017	1,117	6,587	19,149	283	2,993	6,472
..... number, 2012	1,153	6,492	12,143	390	2,870	6,386
..... \$1,000, 2017	911	7,964	15,224	243	2,438	4,531
..... farms, 2012	844	8,386	9,386	388	(D)	7,126
2017 farms by number sold:						
1 to 9 farms	27	66	107	21	41	41
..... number	135	216	405	(D)	(D)	222
10 to 19 farms	4	13	40	1	12	10
..... number	(D)	(D)	544	(D)	164	137
20 to 49 farms	11	9	44	8	15	18
..... number	325	(D)	1,392	194	429	603
50 to 99 farms	1	2	8	-	9	18
..... number	(D)	(D)	560	-	670	1,104
100 to 199 farms	4	5	6	-	6	11
..... number	520	578	947	-	689	1,517
200 to 499 farms	-	5	16	-	-	9
..... number	-	1,302	5,235	-	-	2,889
500 or more farms	-	1	6	-	1	-
..... number	-	(D)	10,066	-	(D)	-
Calves weighing less than 500 pounds,						
sold farms, 2017	16	17	81	9	33	50
..... farms, 2012	14	28	114	18	38	55
..... number, 2017	378	520	9,095	138	1,156	2,977
..... farms, 2012	277	613	5,410	113	715	2,115
2017 farms by number sold:						
1 to 9 farms	7	10	30	3	16	11
..... number	37	36	(D)	13	(D)	31
10 to 19 farms	2	3	20	-	8	6
..... number	(D)	37	285	-	117	95
20 to 49 farms	5	2	15	6	5	16
..... number	150	(D)	437	125	137	501
50 to 99 farms	1	1	2	-	3	7
..... number	(D)	(D)	(D)	-	162	437
100 to 199 farms	1	-	5	-	-	5
..... number	(D)	-	672	-	-	713
200 to 499 farms	-	1	6	-	-	5
..... number	-	(D)	1,736	-	-	1,200
500 or more farms	-	-	3	-	1	-
..... number	-	-	5,700	-	(D)	-
Cattle weighing 500 pounds or more,						
sold farms, 2017	44	98	212	30	80	90
..... farms, 2012	65	99	219	34	99	96
..... number, 2017	739	6,067	10,054	145	1,837	3,495
..... farms, 2012	876	5,879	6,733	277	2,155	4,271
2017 farms by number sold:						
1 to 9 farms	30	68	118	27	44	32
..... number	142	226	432	86	(D)	199
10 to 19 farms	6	11	39	1	16	20
..... number	(D)	(D)	512	(D)	217	289
20 to 49 farms	4	7	26	2	6	14
..... number	102	(D)	801	(D)	156	376
50 to 99 farms	1	3	6	-	9	15
..... number	(D)	179	423	-	683	969
100 to 199 farms	3	4	9	-	4	6
..... number	360	512	1,313	-	430	682
200 to 499 farms	-	4	11	-	1	3
..... number	-	850	3,538	-	(D)	980
500 or more farms	-	1	3	-	-	-
..... number	-	(D)	3,035	-	-	-
Cattle on feed sold (see text) farms, 2017	2	10	24	2	15	9
..... farms, 2012	-	6	18	-	9	14
..... number, 2017	(D)	950	4,533	(D)	805	776
..... farms, 2012	-	282	1,694	-	638	2,580
2017 farms by number sold:						
1 to 19 farms	-	-	8	1	5	3
..... number	-	-	122	(D)	77	(D)
20 to 49 farms	-	3	3	1	2	1
..... number	-	(D)	77	(D)	(D)	(D)

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text) .....farms, 2017	-	4	2	1	70	1
2012	-	4	-	-	48	-
number, 2017	-	480	(D)	(D)	9,497	(D)
2012	-	172	-	-	4,568	-
2017 farms by inventory:						
1 to 19 .....farms	-	-	-	-	8	1
number	-	-	-	-	116	(D)
20 to 49 .....farms	-	2	-	-	23	-
number	-	(D)	-	-	629	-
50 to 99 .....farms	-	-	2	1	13	-
number	-	-	(D)	(D)	765	-
100 to 199 .....farms	-	1	-	-	14	-
number	-	(D)	-	-	2,001	-
200 to 499 .....farms	-	1	-	-	6	-
number	-	(D)	-	-	1,866	-
500 or more .....farms	-	-	-	-	6	-
number	-	-	-	-	4,120	-
SALES						
Milk sold from cows .....farms, 2017	1	36	18	-	53	14
2012	1	59	21	1	66	11
\$1,000, 2017	(D)	26,820	3,173	-	61,887	3,828
2012	(D)	27,059	3,497	(D)	58,132	3,668
Cattle and calves sold .....farms, 2017	23	176	40	36	293	75
2012	27	236	56	41	327	84
number, 2017	488	6,436	849	320	24,244	1,806
2012	402	6,083	1,706	549	23,643	1,508
\$1,000, 2017	400	4,517	669	340	23,243	1,658
2012	(D)	4,938	1,629	391	21,969	1,547
2017 farms by number sold:						
1 to 9 .....farms	9	80	17	21	113	43
number	55	345	(D)	(D)	536	189
10 to 19 .....farms	5	38	5	13	53	12
number	70	(D)	66	145	727	154
20 to 49 .....farms	6	26	14	1	47	8
number	171	772	454	(D)	1,433	232
50 to 99 .....farms	3	15	3	1	31	9
number	192	989	150	(D)	2,175	738
100 to 199 .....farms	-	11	1	-	22	2
number	-	1,502	(D)	-	3,083	(D)
200 to 499 .....farms	-	5	-	-	13	1
number	-	1,231	-	-	3,720	(D)
500 or more .....farms	-	1	-	-	14	-
number	-	(D)	-	-	12,570	-
Calves weighing less than 500 pounds,						
sold .....farms, 2017	10	90	16	7	113	31
2012	6	118	24	19	129	23
number, 2017	89	2,185	331	25	6,831	452
2012	83	2,189	353	264	8,269	280
2017 farms by number sold:						
1 to 9 .....farms	6	53	3	6	46	22
number	26	(D)	8	(D)	(D)	80
10 to 19 .....farms	2	14	4	1	23	3
number	(D)	211	59	(D)	292	34
20 to 49 .....farms	2	12	9	-	17	3
number	(D)	347	264	-	449	68
50 to 99 .....farms	-	6	-	-	16	2
number	-	358	-	-	1,098	(D)
100 to 199 .....farms	-	4	-	-	5	1
number	-	535	-	-	607	(D)
200 to 499 .....farms	-	-	-	-	2	-
number	-	-	-	-	(D)	-
500 or more .....farms	-	1	-	-	4	-
number	-	(D)	-	-	3,500	-
Cattle weighing 500 pounds or more,						
sold farms, 2017	23	151	36	33	257	59
2012	26	213	52	28	296	74
number, 2017	399	4,251	518	295	17,413	1,354
2012	319	3,894	1,353	285	15,374	1,228
2017 farms by number sold:						
1 to 9 .....farms	13	74	18	20	106	32
number	61	297	(D)	(D)	451	145
10 to 19 .....farms	3	29	10	11	50	9
number	53	(D)	141	124	626	(D)
20 to 49 .....farms	4	26	7	1	34	7
number	93	779	191	(D)	1,010	192
50 to 99 .....farms	3	9	-	1	27	9
number	192	582	-	(D)	1,892	700
100 to 199 .....farms	-	11	1	-	20	2
number	-	1,537	(D)	-	2,880	(D)
200 to 499 .....farms	-	2	-	-	8	-
number	-	(D)	-	-	2,104	-
500 or more .....farms	-	-	-	-	12	-
number	-	-	-	-	8,450	-
Cattle on feed sold (see text) .....farms, 2017						
2012	-	4	3	1	64	1
number, 2017	-	5	-	-	62	3
2012	-	234	104	(D)	7,976	(D)
2012	-	186	-	-	5,016	(D)
2017 farms by number sold:						
1 to 19 .....farms	-	1	-	1	13	1
number	-	(D)	-	(D)	183	(D)
20 to 49 .....farms	-	1	3	-	16	-
number	-	(D)	104	-	522	-

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text) farms, 2017	1	38	14	11	58	-
..... farms, 2012	-	27	22	14	58	-
..... number, 2017	(D)	2,038	1,286	498	8,229	-
..... number, 2012	-	1,177	2,039	557	7,611	-
2017 farms by inventory:						
1 to 19 farms	-	4	7	1	12	-
..... number	(D)	(D)	(D)	(D)	177	-
20 to 49 farms	1	20	2	7	7	-
..... number	(D)	645	(D)	188	223	-
50 to 99 farms	-	8	4	2	10	-
..... number	-	505	249	(D)	611	-
100 to 199 farms	-	5	-	1	12	-
..... number	-	610	-	(D)	1,645	-
200 to 499 farms	-	1	-	-	14	-
..... number	-	(D)	-	-	3,523	-
500 or more farms	-	-	1	-	3	-
..... number	-	-	(D)	-	2,050	-
SALES						
Milk sold from cows farms, 2017	-	19	15	36	125	-
..... farms, 2012	-	25	12	38	134	1
..... \$1,000, 2017	-	11,035	4,329	20,930	100,591	-
..... \$1,000, 2012	-	10,360	4,441	21,815	96,723	(D)
Cattle and calves sold farms, 2017	11	146	167	161	399	17
..... farms, 2012	12	135	192	178	361	18
..... number, 2017	167	4,687	3,797	7,431	81,020	859
..... number, 2012	138	4,320	4,349	7,407	52,793	645
..... \$1,000, 2017	215	4,832	3,957	4,751	59,063	875
..... \$1,000, 2012	140	3,998	4,899	6,692	40,592	(D)
2017 farms by number sold:						
1 to 9 farms	2	78	87	110	99	7
..... number	(D)	286	359	473	408	(D)
10 to 19 farms	5	13	26	18	50	1
..... number	(D)	173	327	230	691	(D)
20 to 49 farms	4	30	44	21	64	4
..... number	80	890	1,179	610	1,902	106
50 to 99 farms	-	9	4	5	57	-
..... number	-	571	258	362	3,771	-
100 to 199 farms	-	12	3	2	38	5
..... number	-	1,533	467	(D)	4,933	714
200 to 499 farms	-	4	2	3	33	-
..... number	-	1,234	(D)	800	10,466	-
500 or more farms	-	-	1	2	58	-
..... number	-	-	(D)	(D)	58,849	-
Calves weighing less than 500 pounds,						
sold farms, 2017	5	38	48	48	185	2
..... farms, 2012	5	33	69	65	174	6
..... number, 2017	55	1,251	908	3,842	41,630	(D)
..... number, 2012	30	1,229	934	3,021	28,440	51
2017 farms by number sold:						
1 to 9 farms	2	21	23	28	47	1
..... number	(D)	62	82	99	177	(D)
10 to 19 farms	3	3	17	10	18	1
..... number	(D)	(D)	226	143	235	(D)
20 to 49 farms	-	4	5	5	44	-
..... number	-	90	183	147	1,198	-
50 to 99 farms	-	6	1	1	17	-
..... number	-	381	(D)	(D)	1,113	-
100 to 199 farms	-	3	2	-	18	-
..... number	-	442	(D)	-	2,165	-
200 to 499 farms	-	1	-	2	16	-
..... number	-	(D)	-	(D)	4,986	-
500 or more farms	-	-	-	2	25	-
..... number	-	-	-	(D)	31,756	-
Cattle weighing 500 pounds or more,						
sold farms, 2017	8	136	152	148	362	16
..... farms, 2012	7	129	170	158	322	17
..... number, 2017	112	3,436	2,889	3,589	39,390	(D)
..... number, 2012	108	3,091	3,415	4,386	24,353	594
2017 farms by number sold:						
1 to 9 farms	2	75	92	109	96	6
..... number	(D)	292	421	457	357	21
10 to 19 farms	4	11	18	19	65	1
..... number	64	(D)	211	253	850	(D)
20 to 49 farms	2	27	34	12	79	4
..... number	(D)	784	819	341	2,278	(D)
50 to 99 farms	-	14	3	3	38	-
..... number	-	909	(D)	185	2,512	-
100 to 199 farms	-	7	4	2	17	5
..... number	-	850	498	(D)	1,949	714
200 to 499 farms	-	2	-	2	40	-
..... number	-	(D)	-	(D)	11,950	-
500 or more farms	-	-	1	1	27	-
..... number	-	-	(D)	(D)	19,494	-
Cattle on feed sold (see text) farms, 2017	2	33	13	10	74	1
..... farms, 2012	-	22	26	21	59	-
..... number, 2017	(D)	1,597	1,038	663	10,283	(D)
..... number, 2012	-	1,064	2,039	1,312	6,722	-
2017 farms by number sold:						
1 to 19 farms	2	3	5	5	14	1
..... number	(D)	42	(D)	(D)	197	(D)
20 to 49 farms	-	17	6	3	14	-
..... number	-	450	140	63	426	-

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
INVENTORY - Con.						
Cattle and calves - Con.						
Cattle on feed (see text) .....farms, 2017	32	33	6	40	-	4
2012	26	31	9	28	-	4
number, 2017	1,051	2,876	187	3,910	-	726
2012	941	2,460	155	2,366	-	332
2017 farms by inventory:						
1 to 19 .....farms	10	14	2	10	-	-
number	(D)	189	(D)	138	-	-
20 to 49 .....farms	14	12	3	9	-	2
number	389	324	70	273	-	(D)
50 to 99 .....farms	6	4	1	11	-	1
number	324	250	(D)	740	-	(D)
100 to 199 .....farms	2	2	-	6	-	-
number	(D)	(D)	-	788	-	-
200 to 499 .....farms	-	-	-	2	-	-
number	-	-	-	(D)	-	-
500 or more .....farms	-	1	-	2	-	1
number	-	(D)	-	(D)	-	(D)
SALES						
Milk sold from cows .....farms, 2017	22	44	7	26	-	17
2012	25	38	14	25	-	17
\$1,000, 2017	26,090	37,108	25,213	8,747	-	4,676
2012	24,731	23,503	25,491	7,979	-	2,831
Cattle and calves sold .....farms, 2017	149	238	95	183	12	64
2012	197	270	152	161	16	74
number, 2017	7,221	22,113	4,352	7,792	74	1,680
2012	6,152	21,253	4,614	6,956	80	1,419
\$1,000, 2017	5,203	15,669	2,378	9,222	85	1,515
2012	5,524	(D)	3,178	7,903	61	1,183
2017 farms by number sold:						
1 to 9 .....farms	75	99	63	92	7	27
number	318	387	246	393	20	102
10 to 19 .....farms	25	36	16	27	5	18
number	(D)	470	214	331	54	200
20 to 49 .....farms	22	46	10	35	-	16
number	746	1,356	366	1,042	-	431
50 to 99 .....farms	15	24	1	15	-	-
number	1,031	1,613	(D)	967	-	-
100 to 199 .....farms	6	13	1	6	-	2
number	755	1,703	(D)	936	-	(D)
200 to 499 .....farms	4	4	1	4	-	-
number	1,269	1,172	(D)	1,293	-	-
500 or more .....farms	2	16	3	4	-	1
number	(D)	15,412	3,006	2,830	-	(D)
Calves weighing less than 500 pounds,						
sold .....farms, 2017	47	95	46	56	3	30
2012	53	92	59	58	7	31
number, 2017	3,015	12,732	2,739	1,036	(D)	458
2012	1,653	10,246	2,660	1,283	29	344
2017 farms by number sold:						
1 to 9 .....farms	24	40	34	35	1	16
number	77	(D)	162	122	(D)	77
10 to 19 .....farms	4	21	4	8	2	10
number	50	294	54	113	(D)	143
20 to 49 .....farms	7	11	4	10	-	2
number	233	328	101	279	-	(D)
50 to 99 .....farms	4	4	-	1	-	1
number	270	265	-	(D)	-	(D)
100 to 199 .....farms	2	2	-	1	-	1
number	(D)	(D)	-	(D)	-	(D)
200 to 499 .....farms	5	5	2	1	-	-
number	1,185	1,123	(D)	(D)	-	-
500 or more .....farms	1	12	2	-	-	-
number	(D)	10,375	(D)	-	-	-
Cattle weighing 500 pounds or more,						
sold .....farms, 2017	136	200	82	172	9	61
2012	183	231	134	142	13	64
number, 2017	4,206	9,381	1,613	6,756	(D)	1,222
2012	4,499	11,007	1,954	5,673	51	1,075
2017 farms by number sold:						
1 to 9 .....farms	70	99	61	92	6	41
number	275	397	195	366	(D)	160
10 to 19 .....farms	25	24	7	22	3	11
number	(D)	(D)	(D)	262	30	131
20 to 49 .....farms	24	40	9	34	-	6
number	791	1,199	269	1,029	-	172
50 to 99 .....farms	10	20	3	11	-	2
number	674	1,348	250	721	-	(D)
100 to 199 .....farms	5	9	-	5	-	-
number	603	1,122	-	726	-	-
200 to 499 .....farms	1	6	2	5	-	-
number	(D)	1,970	(D)	1,322	-	-
500 or more .....farms	1	2	-	3	-	1
number	(D)	(D)	-	2,330	-	(D)
Cattle on feed sold (see text) .....farms, 2017	21	29	5	39	-	4
2012	27	33	6	37	-	4
number, 2017	672	3,178	157	4,380	-	696
2012	620	3,966	161	3,350	-	184
2017 farms by number sold:						
1 to 19 .....farms	4	12	3	11	-	-
number	66	149	(D)	(D)	-	-
20 to 49 .....farms	13	8	1	12	-	3
number	386	213	(D)	280	-	(D)

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 farms	210	-	1	10	-	2
..... number	13,496	-	(D)	612	-	(D)
100 to 199 farms	143	-	-	14	-	1
..... number	19,245	-	-	1,877	-	(D)
200 to 499 farms	108	-	-	2	-	1
..... number	32,012	-	-	(D)	-	(D)
500 or more farms	74	-	-	2	-	-
..... number	87,327	-	-	(D)	-	-
Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 farms	4	-	2	2	-	1
..... number	290	-	(D)	(D)	-	(D)
100 to 199 farms	2	-	4	-	4	-
..... number	(D)	-	486	-	(D)	-
200 to 499 farms	-	-	3	-	-	1
..... number	-	-	862	-	-	(D)
500 or more farms	-	-	1	-	-	-
..... number	-	-	(D)	-	-	-
Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 farms	2	7	-	1	-	2
..... number	(D)	441	-	(D)	-	(D)
100 to 199 farms	3	3	1	-	-	-
..... number	311	529	(D)	-	-	-
200 to 499 farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
500 or more farms	1	1	-	-	-	-
..... number	(D)	(D)	-	-	-	-
Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 farms	1	9	-	-	-	3
..... number	(D)	522	-	-	-	212
100 to 199 farms	-	5	-	2	-	3
..... number	-	640	-	(D)	-	450
200 to 499 farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
500 or more farms	2	1	-	-	-	-
..... number	(D)	(D)	-	-	-	-
Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 farms	-	3	2	-	4	7
..... number	-	180	(D)	-	200	466
100 to 199 farms	-	1	-	-	2	12
..... number	-	(D)	-	-	(D)	1,779
200 to 499 farms	-	-	-	-	1	2
..... number	-	-	-	-	(D)	(D)
500 or more farms	-	-	-	-	-	1
..... number	-	-	-	-	-	(D)

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 .....farms	5	-	8	-	12	-
.....number	340	-	608	-	680	-
100 to 199 .....farms	3	-	16	-	5	-
.....number	360	-	2,342	-	644	-
200 to 499 .....farms	-	-	33	2	4	1
.....number	-	-	9,684	(D)	1,264	(D)
500 or more .....farms	3	-	25	1	1	-
.....number	3,542	-	45,727	(D)	(D)	-
Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 .....farms	-	11	9	-	-	3
.....number	-	685	532	-	-	163
100 to 199 .....farms	-	2	3	-	-	3
.....number	-	(D)	384	-	-	412
200 to 499 .....farms	-	5	1	-	-	8
.....number	-	1,214	(D)	-	-	2,220
500 or more .....farms	-	4	1	-	-	1
.....number	-	2,296	(D)	-	-	(D)
Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 .....farms	-	-	3	2	6	1
.....number	-	-	254	(D)	385	(D)
100 to 199 .....farms	-	-	2	1	4	-
.....number	-	-	(D)	(D)	543	-
200 to 499 .....farms	-	-	8	-	1	-
.....number	-	-	2,694	-	(D)	-
500 or more .....farms	-	-	3	-	2	-
.....number	-	-	1,771	-	(D)	-
Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 .....farms	1	-	-	-	-	-
.....number	(D)	-	-	-	-	-
100 to 199 .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
200 to 499 .....farms	-	-	-	5	-	-
.....number	-	-	-	(D)	-	-
500 or more .....farms	-	-	1	-	-	-
.....number	-	-	(D)	-	-	-
Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 .....farms	-	-	-	2	2	3
.....number	-	-	-	(D)	(D)	227
100 to 199 .....farms	1	1	-	1	-	2
.....number	(D)	(D)	-	(D)	-	(D)
200 to 499 .....farms	1	1	2	1	1	-
.....number	(D)	(D)	(D)	(D)	(D)	-
500 or more .....farms	-	-	-	-	2	-
.....number	-	-	-	-	(D)	-

--continued

Table 11. Cattle and Calves - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 farms	-	1	5	-	6	4
..... number	-	(D)	335	-	484	250
100 to 199 farms	2	5	4	-	2	-
..... number	(D)	600	570	-	(D)	-
200 to 499 farms	-	1	2	-	-	1
..... number	-	(D)	(D)	-	-	(D)
500 or more farms	-	-	2	-	-	-
..... number	-	-	(D)	-	-	-
Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 farms	-	1	-	-	13	-
..... number	-	(D)	-	-	853	-
100 to 199 farms	-	1	-	-	9	-
..... number	-	(D)	-	-	1,339	-
200 to 499 farms	-	-	-	-	8	-
..... number	-	-	-	-	2,079	-
500 or more farms	-	-	-	-	5	-
..... number	-	-	-	-	3,000	-
Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 farms	-	10	1	-	20	-
..... number	-	635	(D)	-	1,193	-
100 to 199 farms	-	2	-	1	11	-
..... number	-	(D)	-	(D)	1,370	-
200 to 499 farms	-	1	-	1	8	-
..... number	-	(D)	-	(D)	2,680	-
500 or more farms	-	-	1	-	7	-
..... number	-	-	(D)	-	4,417	-
Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
SALES - Con.						
Cattle and calves sold - Con.						
Cattle on feed sold (see text) - Con.						
2017 farms by number sold: - Con.						
50 to 99 farms	4	6	1	7	-	-
..... number	220	360	(D)	463	-	-
100 to 199 farms	-	1	-	4	-	-
..... number	-	(D)	-	626	-	-
200 to 499 farms	-	-	-	2	-	-
..... number	-	-	-	(D)	-	-
500 or more farms	-	2	-	3	-	1
..... number	-	(D)	-	2,330	-	(D)

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
INVENTORY						
Total hogs and pigs .....farms, 2017	2,017	2	9	54	11	6
2012	2,198	8	4	91	26	8
number, 2017	1,236,567	(D)	251	206,926	66	215
2012	1,099,478	46	11	252,085	182	142
Farms by inventory:						
1 to 24 .....farms, 2017	1,564	2	3	24	11	3
2012	1,658	8	4	48	24	7
number, 2017	10,168	(D)	11	183	66	35
2012	9,907	46	11	300	(D)	(D)
25 to 49 .....farms, 2017	120	-	6	1	-	-
2012	138	-	-	4	2	-
number, 2017	3,874	-	240	(D)	-	-
2012	4,580	-	-	(D)	(D)	-
50 to 99 .....farms, 2017	72	-	-	2	-	3
2012	69	-	-	5	-	1
number, 2017	4,804	-	-	(D)	-	180
2012	4,613	-	-	379	-	(D)
100 to 199 .....farms, 2017	40	-	-	7	-	-
2012	57	-	-	1	-	-
number, 2017	5,044	-	-	1,008	-	-
2012	7,689	-	-	(D)	-	-
200 to 499 .....farms, 2017	18	-	-	-	-	-
2012	51	-	-	3	-	-
number, 2017	4,926	-	-	-	-	-
2012	16,534	-	-	891	-	-
500 to 999 .....farms, 2017	28	-	-	1	-	-
2012	43	-	-	3	-	-
number, 2017	19,336	-	-	(D)	-	-
2012	28,172	-	-	2,190	-	-
1,000 or more .....farms, 2017	175	-	-	19	-	-
2012	182	-	-	27	-	-
number, 2017	1,188,415	-	-	204,975	-	-
2012	1,027,983	-	-	248,069	-	-
SALES						
Hogs and pigs sold .....farms, 2017	2,441	7	24	85	28	10
2012	2,150	5	7	82	21	15
number, 2017	4,076,081	16	422	820,666	201	303
2012	3,598,475	33	78	929,880	202	227
\$1,000, 2017	608,555	(D)	54	133,904	45	111
2012	482,177	2	21	147,247	(D)	41
2017 farms by number sold:						
1 to 24 .....farms	1,819	7	18	54	28	3
number	12,011	16	122	(D)	201	14
25 to 49 .....farms	159	-	-	2	-	4
number	5,212	-	-	(D)	-	139
50 to 99 .....farms	101	-	6	-	-	3
number	6,519	-	300	-	-	150
100 to 199 .....farms	66	-	-	-	-	-
number	9,659	-	-	-	-	-
200 to 499 .....farms	42	-	-	8	-	-
number	12,552	-	-	2,960	-	-
500 to 999 .....farms	21	-	-	-	-	-
number	11,968	-	-	-	-	-
1,000 or more .....farms	233	-	-	21	-	-
number	4,018,160	-	-	817,250	-	-

--continued

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
INVENTORY						
Total hogs and pigs						
farms, 2017	11	3	36	15	5	11
2012	5	-	56	9	13	31
number, 2017	132	13	(D)	281	19	18,511
2012	343	-	6,229	630	(D)	20,480
Farms by inventory:						
1 to 24						
farms, 2017	11	3	28	11	5	6
2012	2	-	48	6	12	23
number, 2017	132	13	221	42	19	(D)
2012	(D)	-	311	54	47	212
25 to 49						
farms, 2017	-	-	5	2	-	-
2012	1	-	2	-	-	4
number, 2017	-	-	137	(D)	-	-
2012	(D)	-	(D)	-	-	134
50 to 99						
farms, 2017	-	-	2	1	-	1
2012	1	-	2	1	-	-
number, 2017	-	-	(D)	(D)	-	(D)
2012	(D)	-	(D)	(D)	-	-
100 to 199						
farms, 2017	-	-	-	1	-	-
2012	-	-	-	-	-	-
number, 2017	-	-	-	(D)	-	-
2012	-	-	-	-	-	-
200 to 499						
farms, 2017	-	-	-	-	-	-
2012	1	-	2	2	-	-
number, 2017	-	-	-	-	-	-
2012	(D)	-	(D)	(D)	-	-
500 to 999						
farms, 2017	-	-	-	-	-	-
2012	-	-	1	-	1	-
number, 2017	-	-	-	-	-	-
2012	-	-	(D)	-	(D)	-
1,000 or more						
farms, 2017	-	-	1	-	-	4
2012	-	-	1	-	-	4
number, 2017	-	-	(D)	-	-	18,381
2012	-	-	(D)	-	-	20,134
SALES						
Hogs and pigs sold						
farms, 2017	11	2	49	5	8	31
2012	5	-	58	8	10	42
number, 2017	180	(D)	(D)	391	91	83,141
2012	153	-	(D)	647	(D)	42,943
\$1,000, 2017	16	(D)	(D)	41	(D)	8,576
2012	31	-	(D)	150	(D)	7,753
2017 farms by number sold:						
1 to 24						
farms	9	2	40	1	6	24
number	(D)	(D)	264	(D)	(D)	149
25 to 49						
farms	-	-	4	-	2	-
number	-	-	144	-	(D)	-
50 to 99						
farms	2	-	2	3	-	3
number	(D)	-	(D)	(D)	-	192
100 to 199						
farms	-	-	2	-	-	-
number	-	-	(D)	-	-	-
200 to 499						
farms	-	-	-	1	-	-
number	-	-	-	(D)	-	-
500 to 999						
farms	-	-	-	-	-	-
number	-	-	-	-	-	-
1,000 or more						
farms	-	-	1	-	-	4
number	-	-	(D)	-	-	82,800

--continued

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
INVENTORY						
Total hogs and pigs						
.....farms, 2017	68	55	44	13	18	32
.....2012	68	42	57	12	17	21
.....number, 2017	61,989	65,981	142,046	160	144	185
.....2012	56,385	31,898	153,386	110	199	212
Farms by inventory:						
1 to 24						
.....farms, 2017	40	40	16	12	18	31
.....2012	37	28	28	11	15	20
.....number, 2017	315	284	(D)	(D)	144	(D)
.....2012	264	180	(D)	(D)	(D)	(D)
25 to 49						
.....farms, 2017	5	5	-	-	-	1
.....2012	2	4	-	1	2	-
.....number, 2017	175	167	-	-	-	(D)
.....2012	(D)	142	-	(D)	(D)	-
50 to 99						
.....farms, 2017	5	1	9	1	-	-
.....2012	2	-	1	-	-	-
.....number, 2017	329	(D)	600	(D)	-	-
.....2012	(D)	-	(D)	-	-	-
100 to 199						
.....farms, 2017	-	1	1	-	-	-
.....2012	5	1	5	-	-	1
.....number, 2017	-	(D)	(D)	-	-	-
.....2012	623	(D)	613	-	-	(D)
200 to 499						
.....farms, 2017	-	2	1	-	-	-
.....2012	4	2	1	-	-	-
.....number, 2017	-	(D)	(D)	-	-	-
.....2012	1,054	(D)	(D)	-	-	-
500 to 999						
.....farms, 2017	6	1	3	-	-	-
.....2012	10	-	4	-	-	-
.....number, 2017	3,000	(D)	2,074	-	-	-
.....2012	6,080	-	2,800	-	-	-
1,000 or more						
.....farms, 2017	12	5	14	-	-	-
.....2012	8	7	18	-	-	-
.....number, 2017	58,170	64,100	138,797	-	-	-
.....2012	48,121	31,000	149,346	-	-	-
SALES						
Hogs and pigs sold						
.....farms, 2017	68	60	52	16	28	32
.....2012	53	40	50	11	12	21
.....number, 2017	202,925	107,937	299,657	290	398	601
.....2012	171,468	131,925	337,230	164	132	259
.....\$1,000, 2017	30,570	14,117	46,884	(D)	38	83
.....2012	26,620	19,163	57,132	18	21	32
2017 farms by number sold:						
1 to 24						
.....farms	29	45	17	10	23	19
.....number	278	406	87	(D)	148	(D)
25 to 49						
.....farms	7	1	-	5	-	12
.....number	207	(D)	-	158	-	370
50 to 99						
.....farms	4	3	8	1	5	-
.....number	290	(D)	512	(D)	250	-
100 to 199						
.....farms	-	1	8	-	-	1
.....number	-	(D)	1,120	-	-	(D)
200 to 499						
.....farms	-	4	-	-	-	-
.....number	-	996	-	-	-	-
500 to 999						
.....farms	-	-	3	-	-	-
.....number	-	-	1,900	-	-	-
1,000 or more						
.....farms	28	6	16	-	-	-
.....number	202,150	106,200	296,038	-	-	-

--continued

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
INVENTORY						
Total hogs and pigs						
farms, 2017	27	31	13	4	14	28
2012	33	37	6	23	18	45
number, 2017	103	5,412	51	34	141	376
2012	403	7,265	65	276	138	10,992
Farms by inventory:						
1 to 24						
farms, 2017	26	21	13	4	14	27
2012	25	26	5	22	17	37
number, 2017	(D)	170	51	34	141	(D)
2012	135	(D)	(D)	(D)	(D)	(D)
25 to 49						
farms, 2017	1	1	-	-	-	-
2012	8	1	1	-	-	1
number, 2017	(D)	(D)	-	-	-	-
2012	268	(D)	(D)	-	-	(D)
50 to 99						
farms, 2017	-	1	-	-	-	-
2012	-	-	-	-	1	1
number, 2017	-	(D)	-	-	-	-
2012	-	-	-	-	(D)	(D)
100 to 199						
farms, 2017	-	4	-	-	-	-
2012	-	5	-	1	-	-
number, 2017	-	430	-	-	-	-
2012	-	700	-	(D)	-	-
200 to 499						
farms, 2017	-	-	-	-	-	1
2012	-	-	-	-	-	-
number, 2017	-	-	-	-	-	(D)
2012	-	-	-	-	-	-
500 to 999						
farms, 2017	-	1	-	-	-	-
2012	-	-	-	-	-	1
number, 2017	-	(D)	-	-	-	-
2012	-	-	-	-	-	(D)
1,000 or more						
farms, 2017	-	3	-	-	-	-
2012	-	5	-	-	-	5
number, 2017	-	3,900	-	-	-	-
2012	-	6,340	-	-	-	9,800
SALES						
Hogs and pigs sold						
farms, 2017	19	33	11	11	14	43
2012	26	40	2	21	19	39
number, 2017	54	7,915	114	130	324	578
2012	793	10,966	(D)	291	163	22,363
\$1,000, 2017	10	1,295	40	(D)	63	108
2012	91	1,619	(D)	32	28	3,776
2017 farms by number sold:						
1 to 24						
farms	19	24	8	10	12	41
number	54	185	24	(D)	(D)	(D)
25 to 49						
farms	-	1	3	1	-	1
number	-	(D)	90	(D)	-	(D)
50 to 99						
farms	-	2	-	-	-	-
number	-	(D)	-	-	-	-
100 to 199						
farms	-	1	-	-	2	-
number	-	(D)	-	-	(D)	-
200 to 499						
farms	-	1	-	-	-	1
number	-	(D)	-	-	-	(D)
500 to 999						
farms	-	-	-	-	-	-
number	-	-	-	-	-	-
1,000 or more						
farms	-	4	-	-	-	-
number	-	7,245	-	-	-	-

--continued

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
INVENTORY						
Total hogs and pigs .....farms, 2017	16	26	38	6	10	22
2012	13	24	36	2	15	34
number, 2017	84	112	483	95	(D)	46,355
2012	163	123	330	(D)	5,589	69,698
Farms by inventory:						
1 to 24 .....farms, 2017	16	25	34	4	5	7
2012	11	24	33	2	9	19
number, 2017	84	(D)	223	(D)	22	38
2012	(D)	123	189	(D)	31	(D)
25 to 49 .....farms, 2017	-	1	3	2	2	5
2012	2	-	1	-	2	2
number, 2017	-	(D)	(D)	(D)	(D)	175
2012	(D)	-	(D)	-	(D)	(D)
50 to 99 .....farms, 2017	-	-	-	-	1	-
2012	-	-	2	-	-	-
number, 2017	-	-	-	-	(D)	-
2012	-	-	(D)	-	-	-
100 to 199 .....farms, 2017	-	-	1	-	-	-
2012	-	-	-	-	-	-
number, 2017	-	-	(D)	-	-	-
2012	-	-	-	-	-	-
200 to 499 .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
number, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
500 to 999 .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	2	-
number, 2017	-	-	-	-	-	-
2012	-	-	-	-	(D)	-
1,000 or more .....farms, 2017	-	-	-	-	2	10
2012	-	-	-	-	2	13
number, 2017	-	-	-	-	(D)	46,142
2012	-	-	-	-	(D)	69,555
SALES						
Hogs and pigs sold .....farms, 2017	24	27	42	8	18	32
2012	15	28	31	3	21	32
number, 2017	389	740	551	405	(D)	214,139
2012	222	160	631	32	7,330	192,294
\$1,000, 2017	49	79	79	39	(D)	21,268
2012	29	25	64	(D)	1,347	(D)
2017 farms by number sold:						
1 to 24 .....farms	20	21	37	4	13	18
number	(D)	127	218	23	77	(D)
25 to 49 .....farms	3	2	3	-	3	-
number	133	(D)	(D)	-	100	-
50 to 99 .....farms	-	2	1	2	-	1
number	-	(D)	(D)	(D)	-	(D)
100 to 199 .....farms	1	1	1	2	-	1
number	(D)	(D)	(D)	(D)	-	(D)
200 to 499 .....farms	-	1	-	-	-	-
number	-	(D)	-	-	-	-
500 to 999 .....farms	-	-	-	-	-	-
number	-	-	-	-	-	-
1,000 or more .....farms	-	-	-	-	2	12
number	-	-	-	-	(D)	213,874

--continued

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
INVENTORY						
Total hogs and pigs						
farms, 2017	51	18	27	41	46	4
2012	48	10	29	45	55	7
number, 2017	32,192	71	35,761	2,316	89,222	13
2012	21,713	30	40,535	3,212	76,293	36
Farms by inventory:						
1 to 24						
farms, 2017	37	18	16	33	32	4
2012	38	10	10	38	33	7
number, 2017	299	71	(D)	206	222	13
2012	240	30	36	206	220	36
25 to 49						
farms, 2017	4	-	4	6	-	-
2012	4	-	2	3	2	-
number, 2017	133	-	118	(D)	-	-
2012	144	-	(D)	93	(D)	-
50 to 99						
farms, 2017	-	-	-	-	1	-
2012	-	-	-	1	6	-
number, 2017	-	-	-	-	(D)	-
2012	-	-	-	(D)	424	-
100 to 199						
farms, 2017	-	-	-	-	2	-
2012	1	-	-	1	2	-
number, 2017	-	-	-	-	(D)	-
2012	(D)	-	-	(D)	(D)	-
200 to 499						
farms, 2017	4	-	-	-	-	-
2012	2	-	3	-	-	-
number, 2017	1,180	-	-	-	-	-
2012	(D)	-	(D)	-	-	-
500 to 999						
farms, 2017	-	-	1	2	1	-
2012	-	-	1	-	1	-
number, 2017	-	-	(D)	(D)	(D)	-
2012	-	-	(D)	-	(D)	-
1,000 or more						
farms, 2017	6	-	6	-	10	-
2012	3	-	13	2	11	-
number, 2017	30,580	-	34,590	-	87,766	-
2012	20,402	-	38,618	(D)	74,589	-
SALES						
Hogs and pigs sold						
farms, 2017	55	19	30	61	54	7
2012	49	12	32	39	52	7
number, 2017	96,568	131	86,418	5,142	197,739	36
2012	53,297	50	108,618	5,489	155,932	55
\$1,000, 2017	15,871	21	14,234	884	(D)	7
2012	8,026	10	(D)	721	26,322	10
2017 farms by number sold:						
1 to 24						
farms	31	19	16	49	37	7
number	248	131	(D)	256	235	36
25 to 49						
farms	9	-	1	9	1	-
number	230	-	(D)	286	(D)	-
50 to 99						
farms	-	-	-	-	1	-
number	-	-	-	-	(D)	-
100 to 199						
farms	2	-	-	-	2	-
number	(D)	-	-	-	(D)	-
200 to 499						
farms	-	-	-	-	2	-
number	-	-	-	-	(D)	-
500 to 999						
farms	2	-	1	1	1	-
number	(D)	-	(D)	(D)	(D)	-
1,000 or more						
farms	11	-	12	2	10	-
number	94,700	-	85,700	(D)	196,104	-

--continued

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
INVENTORY						
Total hogs and pigs .....farms, 2017	13	33	54	26	20	37
2012	7	30	38	32	14	44
number, 2017	59	2,838	5,416	94,417	209	(D)
2012	31	1,400	760	49,025	94	(D)
Farms by inventory:						
1 to 24 .....farms, 2017	12	28	39	14	18	33
2012	7	25	30	17	14	34
number, 2017	(D)	198	248	(D)	(D)	220
2012	31	(D)	(D)	100	94	196
25 to 49 .....farms, 2017	1	1	10	1	-	1
2012	-	4	-	4	-	6
number, 2017	(D)	(D)	293	(D)	-	(D)
2012	-	119	-	136	-	178
50 to 99 .....farms, 2017	-	-	1	-	2	2
2012	-	-	7	2	-	2
number, 2017	-	-	(D)	-	(D)	(D)
2012	-	-	378	(D)	-	(D)
100 to 199 .....farms, 2017	-	-	1	-	-	-
2012	-	-	-	-	-	-
number, 2017	-	-	(D)	-	-	-
2012	-	-	-	-	-	-
200 to 499 .....farms, 2017	-	2	-	1	-	-
2012	-	-	1	2	-	-
number, 2017	-	(D)	-	(D)	-	-
2012	-	-	(D)	(D)	-	-
500 to 999 .....farms, 2017	-	-	1	-	-	-
2012	-	-	-	-	-	-
number, 2017	-	-	(D)	-	-	-
2012	-	-	-	-	-	-
1,000 or more .....farms, 2017	-	2	2	10	-	1
2012	-	1	-	7	-	2
number, 2017	-	(D)	(D)	94,032	-	(D)
2012	-	(D)	-	48,179	-	(D)
SALES						
Hogs and pigs sold .....farms, 2017	10	43	54	29	40	72
2012	8	23	39	37	15	51
number, 2017	102	7,382	19,257	116,931	344	35,753
2012	97	2,501	2,181	93,530	119	(D)
\$1,000, 2017	20	1,340	3,400	20,040	48	6,383
2012	11	(D)	(D)	14,223	22	(D)
2017 farms by number sold:						
1 to 24 .....farms	9	34	39	15	36	66
number	(D)	225	207	133	202	389
25 to 49 .....farms	1	5	3	3	4	1
number	(D)	157	81	(D)	142	(D)
50 to 99 .....farms	-	-	1	-	-	1
number	-	-	(D)	-	-	(D)
100 to 199 .....farms	-	-	7	1	-	-
number	-	-	1,263	(D)	-	-
200 to 499 .....farms	-	-	2	-	-	1
number	-	-	(D)	-	-	(D)
500 to 999 .....farms	-	2	-	-	-	-
number	-	(D)	-	-	-	-
1,000 or more .....farms	-	2	2	10	-	3
number	-	(D)	(D)	116,615	-	35,000

--continued

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
INVENTORY						
Total hogs and pigs	-	6	59	14	50	39
..... farms, 2017	-	6	59	14	50	39
..... farms, 2012	-	14	44	8	35	27
..... number, 2017	-	29	1,329	181	14,720	1,225
..... number, 2012	-	52	876	42	6,016	1,574
Farms by inventory:						
1 to 24	-	6	46	13	38	35
..... farms, 2017	-	6	46	13	38	35
..... farms, 2012	-	14	34	8	30	20
..... number, 2017	-	29	(D)	(D)	425	231
..... number, 2012	-	52	217	42	209	157
25 to 49	-	-	1	-	1	-
..... farms, 2017	-	-	1	-	1	-
..... farms, 2012	-	-	4	-	-	2
..... number, 2017	-	-	(D)	-	(D)	-
..... number, 2012	-	-	(D)	-	-	(D)
50 to 99	-	-	11	-	5	2
..... farms, 2017	-	-	11	-	5	2
..... farms, 2012	-	-	2	-	1	2
..... number, 2017	-	-	820	-	310	(D)
..... number, 2012	-	-	(D)	-	(D)	(D)
100 to 199	-	-	1	1	1	-
..... farms, 2017	-	-	1	1	1	-
..... farms, 2012	-	-	4	-	1	1
..... number, 2017	-	-	(D)	(D)	(D)	-
..... number, 2012	-	-	430	-	(D)	(D)
200 to 499	-	-	-	-	-	1
..... farms, 2017	-	-	-	-	-	1
..... farms, 2012	-	-	-	-	-	(D)
..... number, 2017	-	-	-	-	-	(D)
..... number, 2012	-	-	-	-	-	(D)
500 to 999	-	-	-	-	2	1
..... farms, 2017	-	-	-	-	2	1
..... farms, 2012	-	-	-	-	2	1
..... number, 2017	-	-	-	-	(D)	(D)
..... number, 2012	-	-	-	-	(D)	(D)
1,000 or more	-	-	-	-	3	-
..... farms, 2017	-	-	-	-	3	-
..... farms, 2012	-	-	-	-	1	-
..... number, 2017	-	-	-	-	12,000	-
..... number, 2012	-	-	-	-	(D)	-
SALES						
Hogs and pigs sold	-	9	52	30	48	47
..... farms, 2017	-	9	52	30	48	47
..... farms, 2012	-	13	35	15	30	29
..... number, 2017	-	103	3,177	775	30,227	1,684
..... number, 2012	-	60	1,948	167	(D)	1,972
..... \$1,000, 2017	-	21	379	107	5,363	(D)
..... \$1,000, 2012	-	14	187	48	(D)	307
2017 farms by number sold:						
1 to 24	-	7	32	24	32	39
..... farms	-	7	32	24	32	39
..... farms	-	(D)	257	148	225	227
..... number	-	(D)	257	148	225	227
25 to 49	-	2	9	4	3	5
..... farms	-	2	9	4	3	5
..... farms	-	(D)	346	(D)	(D)	199
..... number	-	(D)	346	(D)	(D)	199
50 to 99	-	-	5	-	-	1
..... farms	-	-	5	-	-	1
..... farms	-	-	300	-	-	(D)
..... number	-	-	300	-	-	(D)
100 to 199	-	-	3	1	7	-
..... farms	-	-	3	1	7	-
..... farms	-	-	474	(D)	1,110	-
..... number	-	-	474	(D)	1,110	-
200 to 499	-	-	-	1	1	-
..... farms	-	-	-	1	1	-
..... farms	-	-	-	(D)	(D)	-
..... number	-	-	-	(D)	(D)	-
500 to 999	-	-	3	-	-	2
..... farms	-	-	3	-	-	2
..... farms	-	-	1,800	-	-	(D)
..... number	-	-	1,800	-	-	(D)
1,000 or more	-	-	-	-	5	-
..... farms	-	-	-	-	5	-
..... farms	-	-	-	-	28,400	-
..... number	-	-	-	-	28,400	-

--continued

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
INVENTORY						
Total hogs and pigs .....farms, 2017	12	2	5	11	14	9
2012	5	6	16	25	16	28
number, 2017	96	(D)	(D)	59	92	(D)
2012	15	10	343	270	976	(D)
Farms by inventory:						
1 to 24 .....farms, 2017	12	2	4	11	14	7
2012	5	6	10	24	13	25
number, 2017	96	(D)	13	59	92	61
2012	15	10	53	(D)	(D)	174
25 to 49 .....farms, 2017	-	-	-	-	-	-
2012	-	-	3	-	2	1
number, 2017	-	-	-	-	-	-
2012	-	-	90	-	(D)	(D)
50 to 99 .....farms, 2017	-	-	-	-	-	-
2012	-	-	3	1	-	-
number, 2017	-	-	-	-	-	-
2012	-	-	200	(D)	-	-
100 to 199 .....farms, 2017	-	-	1	-	-	-
2012	-	-	-	-	-	-
number, 2017	-	-	(D)	-	-	-
2012	-	-	-	-	-	-
200 to 499 .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
number, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
500 to 999 .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	1	-
number, 2017	-	-	-	-	-	-
2012	-	-	-	-	(D)	-
1,000 or more .....farms, 2017	-	-	-	-	-	2
2012	-	-	-	-	-	2
number, 2017	-	-	-	-	-	(D)
2012	-	-	-	-	-	(D)
SALES						
Hogs and pigs sold .....farms, 2017	12	4	9	11	17	14
2012	5	5	16	30	19	27
number, 2017	186	14	495	57	126	27,677
2012	15	45	590	449	1,135	(D)
\$1,000, 2017	(D)	(D)	62	(D)	29	4,942
2012	4	8	57	50	158	(D)
2017 farms by number sold:						
1 to 24 .....farms	6	4	8	11	16	9
number	18	14	(D)	57	(D)	(D)
25 to 49 .....farms	6	-	-	-	1	1
number	168	-	-	-	(D)	(D)
50 to 99 .....farms	-	-	-	-	-	-
number	-	-	-	-	-	-
100 to 199 .....farms	-	-	-	-	-	-
number	-	-	-	-	-	-
200 to 499 .....farms	-	-	1	-	-	-
number	-	-	(D)	-	-	-
500 to 999 .....farms	-	-	-	-	-	-
number	-	-	-	-	-	-
1,000 or more .....farms	-	-	-	-	-	4
number	-	-	-	-	-	27,585

--continued

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
INVENTORY						
Total hogs and pigs						
farms, 2017	52	13	34	21	22	50
2012	57	23	21	20	37	51
number, 2017	99,041	105	3,069	109	409	18,429
2012	75,590	211	2,639	233	260	13,196
Farms by inventory:						
1 to 24						
farms, 2017	27	13	30	20	17	43
2012	24	22	16	16	35	41
number, 2017	280	105	154	(D)	153	(D)
2012	144	(D)	137	71	(D)	250
25 to 49						
farms, 2017	13	-	-	1	4	-
2012	9	-	2	4	2	5
number, 2017	500	-	-	(D)	(D)	-
2012	258	-	(D)	162	(D)	(D)
50 to 99						
farms, 2017	3	-	-	-	-	-
2012	7	1	-	-	-	-
number, 2017	185	-	-	-	-	-
2012	435	(D)	-	-	-	-
100 to 199						
farms, 2017	5	-	2	-	1	1
2012	6	-	-	-	-	1
number, 2017	676	-	(D)	-	(D)	(D)
2012	683	-	-	-	-	(D)
200 to 499						
farms, 2017	-	-	-	-	-	-
2012	7	-	1	-	-	-
number, 2017	-	-	-	-	-	-
2012	(D)	-	(D)	-	-	-
500 to 999						
farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
number, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
1,000 or more						
farms, 2017	4	-	2	-	-	6
2012	4	-	2	-	-	4
number, 2017	97,400	-	(D)	-	-	18,112
2012	(D)	-	(D)	-	-	12,615
SALES						
Hogs and pigs sold						
farms, 2017	59	20	28	25	32	40
2012	59	21	26	20	38	47
number, 2017	(D)	149	5,871	351	554	36,332
2012	(D)	293	6,085	504	989	27,280
\$1,000, 2017	(D)	24	(D)	35	73	6,430
2012	(D)	33	1,063	70	96	4,626
2017 farms by number sold:						
1 to 24						
farms	33	20	18	23	26	31
number	173	149	114	(D)	(D)	184
25 to 49						
farms	4	-	1	-	4	1
number	149	-	(D)	-	145	(D)
50 to 99						
farms	6	-	6	1	-	1
number	444	-	408	(D)	-	(D)
100 to 199						
farms	8	-	1	-	2	-
number	1,275	-	(D)	-	(D)	-
200 to 499						
farms	4	-	-	1	-	-
number	966	-	-	(D)	-	-
500 to 999						
farms	-	-	-	-	-	1
number	-	-	-	-	-	(D)
1,000 or more						
farms	4	-	2	-	-	6
number	(D)	-	(D)	-	-	35,553

--continued

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
INVENTORY						
Total hogs and pigs .....farms, 2017	21	52	45	16	28	9
2012	5	23	57	23	38	11
number, 2017	213	7,757	9,617	216	(D)	60
2012	25	3,481	7,200	208	49,912	461
Farms by inventory:						
1 to 24 .....farms, 2017	19	40	35	14	24	9
2012	5	17	43	19	27	6
number, 2017	(D)	250	197	(D)	66	60
2012	25	106	182	82	116	(D)
25 to 49 .....farms, 2017	2	2	-	1	-	-
2012	-	1	5	4	4	3
number, 2017	(D)	(D)	-	(D)	-	-
2012	-	(D)	143	126	126	87
50 to 99 .....farms, 2017	-	1	7	-	-	-
2012	-	-	3	-	-	-
number, 2017	-	(D)	470	-	-	-
2012	-	-	232	-	-	-
100 to 199 .....farms, 2017	-	-	1	1	-	-
2012	-	-	3	-	-	2
number, 2017	-	-	(D)	(D)	-	-
2012	-	-	543	-	-	(D)
200 to 499 .....farms, 2017	-	2	-	-	1	-
2012	-	3	-	-	3	-
number, 2017	-	(D)	-	-	(D)	-
2012	-	(D)	-	-	1,183	-
500 to 999 .....farms, 2017	-	1	-	-	-	-
2012	-	-	2	-	-	-
number, 2017	-	(D)	-	-	-	-
2012	-	-	(D)	-	-	-
1,000 or more .....farms, 2017	-	6	2	-	3	-
2012	-	2	1	-	4	-
number, 2017	-	6,000	(D)	-	(D)	-
2012	-	(D)	(D)	-	48,487	-
SALES						
Hogs and pigs sold .....farms, 2017	27	59	39	19	18	11
2012	6	27	50	24	31	12
number, 2017	371	21,673	(D)	288	(D)	50
2012	45	8,805	15,048	567	(D)	412
\$1,000, 2017	46	3,766	(D)	(D)	(D)	(D)
2012	9	1,404	2,563	49	17,930	32
2017 farms by number sold:						
1 to 24 .....farms	25	44	30	16	13	11
number	(D)	269	263	121	53	50
25 to 49 .....farms	-	-	1	2	-	-
number	-	-	(D)	(D)	-	-
50 to 99 .....farms	-	4	4	1	-	-
number	-	340	270	(D)	-	-
100 to 199 .....farms	2	1	-	-	-	-
number	(D)	(D)	-	-	-	-
200 to 499 .....farms	-	2	2	-	-	-
number	-	(D)	(D)	-	-	-
500 to 999 .....farms	-	1	-	-	1	-
number	-	(D)	-	-	(D)	-
1,000 or more .....farms	-	7	2	-	4	-
number	-	19,639	(D)	-	(D)	-

--continued

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
INVENTORY						
Total hogs and pigs						
..... farms, 2017	-	26	23	9	30	22
..... farms, 2012	4	37	9	5	54	29
..... number, 2017	-	202	109	79	61,455	78
..... number, 2012	12	729	30	66	37,041	238
Farms by inventory:						
1 to 24						
..... farms, 2017	-	25	23	9	12	22
..... farms, 2012	4	30	9	4	32	27
..... number, 2017	-	(D)	109	79	55	78
..... number, 2012	12	187	30	(D)	163	(D)
25 to 49						
..... farms, 2017	-	1	-	-	1	-
..... farms, 2012	-	4	-	1	-	2
..... number, 2017	-	(D)	-	-	(D)	-
..... number, 2012	-	134	-	(D)	-	(D)
50 to 99						
..... farms, 2017	-	-	-	-	2	-
..... farms, 2012	-	2	-	-	-	-
..... number, 2017	-	-	-	-	(D)	-
..... number, 2012	-	(D)	-	-	-	-
100 to 199						
..... farms, 2017	-	-	-	-	1	-
..... farms, 2012	-	-	-	-	3	-
..... number, 2017	-	-	-	-	(D)	-
..... number, 2012	-	-	-	-	318	-
200 to 499						
..... farms, 2017	-	-	-	-	-	-
..... farms, 2012	-	1	-	-	4	-
..... number, 2017	-	-	-	-	-	-
..... number, 2012	-	(D)	-	-	1,240	-
500 to 999						
..... farms, 2017	-	-	-	-	2	-
..... farms, 2012	-	-	-	-	5	-
..... number, 2017	-	-	-	-	(D)	-
..... number, 2012	-	-	-	-	2,860	-
1,000 or more						
..... farms, 2017	-	-	-	-	12	-
..... farms, 2012	-	-	-	-	10	-
..... number, 2017	-	-	-	-	59,910	-
..... number, 2012	-	-	-	-	32,460	-
SALES						
Hogs and pigs sold						
..... farms, 2017	2	29	21	18	67	10
..... farms, 2012	4	42	4	4	59	17
..... number, 2017	(D)	314	404	310	153,457	83
..... number, 2012	(D)	894	29	143	77,438	129
..... \$1,000, 2017	(D)	36	38	54	24,297	(D)
..... \$1,000, 2012	9	135	2	(D)	10,377	21
2017 farms by number sold:						
1 to 24						
..... farms	2	23	17	14	41	9
..... number	(D)	133	216	97	298	(D)
25 to 49						
..... farms	-	6	2	-	1	1
..... number	-	181	(D)	-	(D)	(D)
50 to 99						
..... farms	-	-	2	4	2	-
..... number	-	-	(D)	213	(D)	-
100 to 199						
..... farms	-	-	-	-	1	-
..... number	-	-	-	-	(D)	-
200 to 499						
..... farms	-	-	-	-	1	-
..... number	-	-	-	-	(D)	-
500 to 999						
..... farms	-	-	-	-	1	-
..... number	-	-	-	-	(D)	-
1,000 or more						
..... farms	-	-	-	-	20	-
..... number	-	-	-	-	152,182	-

--continued

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
INVENTORY						
Total hogs and pigs .....farms, 2017	-	37	17	63	46	1
2012	2	32	30	76	41	3
number, 2017	-	9,879	109	61,848	6,229	(D)
2012	(D)	16,521	137	28,376	5,978	8
Farms by inventory:						
1 to 24 .....farms, 2017	-	20	17	41	42	1
2012	2	22	30	56	31	3
number, 2017	-	(D)	109	243	(D)	(D)
2012	(D)	103	137	207	229	8
25 to 49 .....farms, 2017	-	6	-	8	-	-
2012	-	-	-	3	3	-
number, 2017	-	186	-	(D)	-	-
2012	-	-	-	84	93	-
50 to 99 .....farms, 2017	-	6	-	-	1	-
2012	-	4	-	1	-	-
number, 2017	-	480	-	-	(D)	-
2012	-	314	-	(D)	-	-
100 to 199 .....farms, 2017	-	1	-	-	-	-
2012	-	2	-	-	2	-
number, 2017	-	(D)	-	-	-	-
2012	-	(D)	-	-	(D)	-
200 to 499 .....farms, 2017	-	-	-	1	-	-
2012	-	1	-	1	1	-
number, 2017	-	-	-	(D)	-	-
2012	-	(D)	-	(D)	(D)	-
500 to 999 .....farms, 2017	-	-	-	3	-	-
2012	-	-	-	2	1	-
number, 2017	-	-	-	2,223	-	-
2012	-	-	-	(D)	(D)	-
1,000 or more .....farms, 2017	-	4	-	10	3	-
2012	-	3	-	13	3	-
number, 2017	-	9,000	-	58,900	5,874	-
2012	-	15,400	-	26,608	4,445	-
SALES						
Hogs and pigs sold .....farms, 2017	2	50	32	61	40	5
2012	-	27	19	69	33	1
number, 2017	(D)	22,262	308	160,884	14,261	19
2012	-	32,706	143	76,257	16,659	(D)
\$1,000, 2017	(D)	3,944	(D)	28,598	2,545	4
2012	-	5,428	(D)	12,846	2,247	(D)
2017 farms by number sold:						
1 to 24 .....farms	2	41	31	33	34	5
number	(D)	(D)	(D)	274	301	19
25 to 49 .....farms	-	-	-	1	3	-
number	-	-	-	(D)	110	-
50 to 99 .....farms	-	3	-	7	-	-
number	-	205	-	500	-	-
100 to 199 .....farms	-	2	1	2	-	-
number	-	(D)	(D)	(D)	-	-
200 to 499 .....farms	-	-	-	1	-	-
number	-	-	-	(D)	-	-
500 to 999 .....farms	-	-	-	1	1	-
number	-	-	-	(D)	(D)	-
1,000 or more .....farms	-	4	-	16	2	-
number	-	21,600	-	158,900	(D)	-

--continued

Table 12. Hogs and Pigs - Inventory and Sales: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
INVENTORY						
Total hogs and pigs						
farms, 2017	29	27	29	46	8	22
2012	43	38	21	43	15	13
number, 2017	316	34,264	10,509	1,785	103	134
2012	1,046	5,762	4,655	4,695	156	43
Farms by inventory:						
1 to 24						
farms, 2017	27	13	22	37	8	22
2012	37	26	18	26	14	13
number, 2017	(D)	(D)	154	185	103	134
2012	(D)	135	(D)	200	(D)	43
25 to 49						
farms, 2017	1	6	1	3	-	-
2012	-	3	-	5	1	-
number, 2017	(D)	189	(D)	(D)	-	-
2012	-	118	-	(D)	(D)	-
50 to 99						
farms, 2017	-	1	-	-	-	-
2012	2	4	-	1	-	-
number, 2017	-	(D)	-	-	-	-
2012	(D)	291	-	(D)	-	-
100 to 199						
farms, 2017	1	-	-	4	-	-
2012	4	1	1	3	-	-
number, 2017	(D)	-	-	420	-	-
2012	649	(D)	(D)	498	-	-
200 to 499						
farms, 2017	-	-	2	-	-	-
2012	-	2	-	3	-	-
number, 2017	-	-	(D)	-	-	-
2012	-	(D)	-	852	-	-
500 to 999						
farms, 2017	-	-	-	2	-	-
2012	-	-	-	5	-	-
number, 2017	-	-	-	(D)	-	-
2012	-	-	-	2,910	-	-
1,000 or more						
farms, 2017	-	7	4	-	-	-
2012	-	2	2	-	-	-
number, 2017	-	33,936	9,717	-	-	-
2012	-	(D)	(D)	-	-	-
SALES						
Hogs and pigs sold						
farms, 2017	50	34	44	37	15	22
2012	59	43	33	48	14	8
number, 2017	618	73,850	60,122	2,074	155	130
2012	1,494	11,888	(D)	9,160	96	112
\$1,000, 2017	107	13,179	7,453	244	(D)	20
2012	210	1,509	3,180	1,257	15	9
2017 farms by number sold:						
1 to 24						
farms	47	23	35	27	15	22
number	446	152	260	164	155	130
25 to 49						
farms	2	2	3	3	-	-
number	(D)	(D)	(D)	(D)	-	-
50 to 99						
farms	-	2	-	1	-	-
number	-	(D)	-	(D)	-	-
100 to 199						
farms	1	-	-	1	-	-
number	(D)	-	-	(D)	-	-
200 to 499						
farms	-	-	2	5	-	-
number	-	-	(D)	1,550	-	-
500 to 999						
farms	-	-	-	-	-	-
number	-	-	-	-	-	-
1,000 or more						
farms	-	7	4	-	-	-
number	-	73,500	59,100	-	-	-

Table 13. Sheep and Lambs - Inventory, Sales, and Wool Production: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Sheep and lambs inventory .....farms, 2017	2,483	5	18	60	35	23
.....farms, 2012	2,312	6	7	61	22	25
.....number, 2017	89,270	193	625	1,797	815	501
.....number, 2012	86,503	220	537	1,432	582	577
2017 farms by inventory:						
1 to 24 .....farms	1,772	3	14	35	28	16
.....number	15,954	(D)	(D)	349	210	(D)
25 to 99 .....farms	562	1	3	22	4	6
.....number	24,640	(D)	132	1,097	170	180
100 to 299 .....farms	108	1	-	3	3	1
.....number	16,093	(D)	-	351	435	(D)
300 to 999 .....farms	31	-	1	-	-	-
.....number	15,249	-	(D)	-	-	-
1,000 or more .....farms	10	-	-	-	-	-
.....number	17,334	-	-	-	-	-
Sheep and lambs sold .....farms, 2017	1,610	3	7	49	9	17
.....farms, 2012	1,571	4	7	42	12	9
.....number, 2017	62,018	(D)	773	1,017	231	270
.....number, 2012	60,568	(D)	766	817	359	268
.....\$1,000, 2017	10,751	(D)	97	179	25	53
.....\$1,000, 2012	10,327	(D)	122	120	43	59
Wool production .....farms, 2017	937	2	2	25	7	14
.....farms, 2012	1,378	4	5	42	10	14
.....pounds, 2017	330,193	(D)	(D)	5,002	2,644	1,507
.....pounds, 2012	463,097	680	(D)	5,506	1,439	2,876
.....\$1,000, 2017	289	(D)	(D)	6	(D)	(D)
.....\$1,000, 2012	354	-	(D)	3	2	4
Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Sheep and lambs inventory .....farms, 2017	2	2	45	11	4	39
.....farms, 2012	4	2	44	12	2	29
.....number, 2017	(D)	(D)	1,151	386	12	366
.....number, 2012	(D)	(D)	1,089	250	(D)	262
2017 farms by inventory:						
1 to 24 .....farms	-	-	30	10	4	38
.....number	-	-	(D)	(D)	12	(D)
25 to 99 .....farms	2	2	14	-	-	1
.....number	(D)	(D)	708	-	-	(D)
100 to 299 .....farms	-	-	1	-	-	-
.....number	-	-	(D)	-	-	-
300 to 999 .....farms	-	-	-	1	-	-
.....number	-	-	-	(D)	-	-
1,000 or more .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Sheep and lambs sold .....farms, 2017	2	2	33	7	11	19
.....farms, 2012	2	-	30	3	3	19
.....number, 2017	(D)	(D)	1,773	(D)	194	131
.....number, 2012	(D)	-	911	(D)	52	82
.....\$1,000, 2017	(D)	(D)	275	(D)	52	18
.....\$1,000, 2012	(D)	-	174	(D)	9	11
Wool production .....farms, 2017	1	-	14	1	4	16
.....farms, 2012	4	-	23	1	2	15
.....pounds, 2017	(D)	-	3,683	(D)	80	450
.....pounds, 2012	(D)	-	5,437	(D)	(D)	462
.....\$1,000, 2017	-	-	3	-	-	(Z)
.....\$1,000, 2012	(D)	-	4	(D)	-	1
Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Sheep and lambs inventory .....farms, 2017	40	71	46	30	4	50
.....farms, 2012	63	35	48	14	17	30
.....number, 2017	2,916	1,512	1,522	1,905	275	2,601
.....number, 2012	2,473	908	1,179	274	418	1,834
2017 farms by inventory:						
1 to 24 .....farms	23	52	34	22	1	30
.....number	232	(D)	257	140	(D)	255
25 to 99 .....farms	10	18	9	4	1	17
.....number	522	738	365	(D)	(D)	836
100 to 299 .....farms	4	1	-	3	2	2
.....number	747	(D)	-	516	(D)	(D)
300 to 999 .....farms	3	-	3	-	-	-
.....number	1,415	-	900	-	-	-
1,000 or more .....farms	-	-	-	1	-	1
.....number	-	-	-	(D)	-	(D)
Sheep and lambs sold .....farms, 2017	29	42	19	20	5	37
.....farms, 2012	39	26	24	15	9	24
.....number, 2017	1,274	552	945	2,387	134	2,916
.....number, 2012	1,810	413	599	118	147	2,018
.....\$1,000, 2017	235	85	220	480	16	513
.....\$1,000, 2012	375	71	87	20	20	377
Wool production .....farms, 2017	18	25	12	18	4	24
.....farms, 2012	27	12	29	13	8	24
.....pounds, 2017	10,608	1,946	2,410	8,295	805	8,597
.....pounds, 2012	10,246	3,321	4,306	823	1,656	11,309
.....\$1,000, 2017	6	1	2	2	1	6
.....\$1,000, 2012	6	2	2	(Z)	(D)	4

--continued

Table 13. Sheep and Lambs - Inventory, Sales, and Wool Production: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Sheep and lambs inventory farms, 2017	24	59	16	6	9	49
2012	36	54	6	8	1	56
number, 2017	1,869	2,336	201	101	91	1,439
2012	1,354	1,882	52	132	(D)	2,809
2017 farms by inventory:						
1 to 24 farms	10	35	10	5	7	36
number	(D)	320	51	(D)	(D)	253
25 to 99 farms	10	18	6	1	2	9
number	446	711	150	(D)	(D)	326
100 to 299 farms	3	3	-	-	-	4
number	386	405	-	-	-	860
300 to 999 farms	1	3	-	-	-	-
number	(D)	900	-	-	-	-
1,000 or more farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Sheep and lambs sold farms, 2017	24	56	10	4	3	19
2012	23	41	3	5	3	37
number, 2017	1,050	2,171	31	62	21	818
2012	791	1,144	33	61	28	2,418
\$1,000, 2017	174	347	6	7	6	148
2012	95	207	3	10	2	318
Wool production farms, 2017	14	23	4	2	6	19
2012	28	36	1	5	1	36
pounds, 2017	4,321	12,698	164	(D)	300	5,069
2012	8,434	11,462	(D)	225	(D)	16,807
\$1,000, 2017	6	7	1	(D)	-	2
2012	5	12	-	(D)	-	15
Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Sheep and lambs inventory farms, 2017	12	51	31	8	17	20
2012	20	59	17	2	6	25
number, 2017	238	1,250	427	280	197	314
2012	231	1,153	451	(D)	8	415
2017 farms by inventory:						
1 to 24 farms	9	37	22	2	12	17
number	148	(D)	127	(D)	54	197
25 to 99 farms	3	13	9	6	5	3
number	90	770	300	(D)	143	117
100 to 299 farms	-	1	-	-	-	-
number	-	(D)	-	-	-	-
300 to 999 farms	-	-	-	-	-	-
number	-	-	-	-	-	-
1,000 or more farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Sheep and lambs sold farms, 2017	11	36	13	9	7	9
2012	11	33	19	1	3	17
number, 2017	93	865	138	128	54	202
2012	105	885	489	(D)	(D)	411
\$1,000, 2017	13	128	16	31	8	28
2012	15	131	88	(D)	5	50
Wool production farms, 2017	7	20	6	6	17	4
2012	11	33	14	1	4	19
pounds, 2017	1,093	5,141	700	1,205	381	990
2012	967	7,784	2,363	(D)	149	2,522
\$1,000, 2017	1	7	(D)	1	1	2
2012	1	4	3	-	(Z)	2
Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Sheep and lambs inventory farms, 2017	85	28	20	74	52	15
2012	87	15	18	67	46	20
number, 2017	3,368	677	379	3,252	1,410	642
2012	2,819	257	486	2,661	1,052	1,193
2017 farms by inventory:						
1 to 24 farms	38	27	14	52	30	9
number	(D)	(D)	160	(D)	(D)	(D)
25 to 99 farms	40	-	6	15	20	4
number	1,891	-	219	708	855	158
100 to 299 farms	5	-	-	5	2	2
number	580	-	-	1,120	(D)	(D)
300 to 999 farms	2	1	-	2	-	-
number	(D)	(D)	-	(D)	-	-
1,000 or more farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Sheep and lambs sold farms, 2017	61	17	19	42	36	13
2012	66	5	13	53	33	18
number, 2017	2,260	390	323	1,651	713	421
2012	3,293	67	384	2,233	697	527
\$1,000, 2017	349	44	46	260	157	57
2012	393	8	59	386	124	67
Wool production farms, 2017	14	7	2	34	13	6
2012	60	8	7	29	25	13
pounds, 2017	8,507	1,300	(D)	14,540	1,906	2,630
2012	16,735	646	2,100	11,361	3,140	3,501
\$1,000, 2017	9	1	-	4	1	2
2012	12	(D)	(D)	10	1	2

--continued

Table 13. Sheep and Lambs - Inventory, Sales, and Wool Production: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Sheep and lambs inventory .....farms, 2017	27	47	62	23	14	68
2012	4	27	80	38	10	49
number, 2017	367	1,232	5,824	3,061	135	1,224
2012	111	1,391	12,787	5,907	143	839
2017 farms by inventory:						
1 to 24 .....farms	26	26	39	19	14	50
number	(D)	(D)	446	170	135	446
25 to 99 .....farms	-	19	15	1	-	18
number	-	748	715	(D)	-	778
100 to 299 .....farms	1	2	4	1	-	-
number	(D)	(D)	750	(D)	-	-
300 to 999 .....farms	-	-	2	-	-	-
number	-	-	(D)	-	-	-
1,000 or more .....farms	-	-	2	2	-	-
number	-	-	(D)	(D)	-	-
Sheep and lambs sold .....farms, 2017	10	31	43	19	4	39
2012	2	23	57	27	9	36
number, 2017	122	890	5,527	2,945	12	272
2012	(D)	692	9,595	3,795	57	569
\$1,000, 2017	10	187	913	489	2	41
2012	(D)	125	1,800	722	9	68
Wool production .....farms, 2017	6	9	26	5	9	22
2012	2	19	53	27	5	29
pounds, 2017	1,072	1,539	41,685	15,119	304	2,170
2012	(D)	3,741	91,889	23,659	457	5,335
\$1,000, 2017	3	16	55	25	(D)	1
2012	(D)	3	105	26	(D)	1
Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Sheep and lambs inventory .....farms, 2017	-	11	91	24	54	46
2012	-	6	80	7	42	63
number, 2017	-	386	2,018	297	5,183	1,066
2012	-	346	1,882	46	976	1,270
2017 farms by inventory:						
1 to 24 .....farms	-	5	71	23	38	34
number	-	(D)	599	(D)	391	(D)
25 to 99 .....farms	-	5	11	-	13	11
number	-	141	494	-	512	376
100 to 299 .....farms	-	1	9	1	2	-
number	-	(D)	925	(D)	(D)	-
300 to 999 .....farms	-	-	-	-	-	1
number	-	-	-	-	-	(D)
1,000 or more .....farms	-	-	-	-	1	-
number	-	-	-	-	(D)	-
Sheep and lambs sold .....farms, 2017	-	8	60	6	37	32
2012	-	9	53	4	38	35
number, 2017	-	484	1,139	41	1,813	512
2012	-	161	1,337	(D)	831	888
\$1,000, 2017	-	67	204	6	314	79
2012	-	24	246	3	130	97
Wool production .....farms, 2017	-	3	32	7	20	23
2012	-	6	51	4	26	45
pounds, 2017	-	(D)	3,658	(D)	10,317	4,888
2012	-	2,402	8,076	133	4,729	7,598
\$1,000, 2017	-	(D)	3	(D)	3	4
2012	-	(D)	4	(D)	5	4
Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Sheep and lambs inventory .....farms, 2017	-	14	26	15	17	16
2012	-	13	28	11	26	26
number, 2017	-	352	297	537	125	473
2012	-	194	255	282	193	806
2017 farms by inventory:						
1 to 24 .....farms	-	11	24	6	16	11
number	-	216	(D)	34	(D)	(D)
25 to 99 .....farms	-	3	2	9	1	4
number	-	136	(D)	503	(D)	170
100 to 299 .....farms	-	-	-	-	-	1
number	-	-	-	-	-	(D)
300 to 999 .....farms	-	-	-	-	-	-
number	-	-	-	-	-	-
1,000 or more .....farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Sheep and lambs sold .....farms, 2017	-	14	12	14	6	12
2012	-	12	17	6	9	14
number, 2017	-	213	169	721	74	263
2012	-	264	131	180	132	591
\$1,000, 2017	-	28	43	61	17	38
2012	-	58	25	14	31	80
Wool production .....farms, 2017	-	5	17	9	9	5
2012	-	6	21	6	8	14
pounds, 2017	-	420	750	3,500	225	(D)
2012	-	787	940	2,597	413	3,574
\$1,000, 2017	-	(Z)	2	1	(D)	1
2012	-	1	(D)	(D)	(Z)	2

--continued

Table 13. Sheep and Lambs - Inventory, Sales, and Wool Production: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Sheep and lambs inventory farms, 2017	26	19	35	9	38	54
..... farms, 2012	31	24	21	16	39	58
..... number, 2017	4,858	224	364	259	500	975
..... number, 2012	2,876	382	454	351	658	1,414
2017 farms by inventory:						
1 to 24 farms	16	16	33	5	33	42
..... number	158	119	(D)	43	249	470
25 to 99 farms	3	3	2	4	5	12
..... number	(D)	105	(D)	216	251	505
100 to 299 farms	3	-	-	-	-	-
..... number	555	-	-	-	-	-
300 to 999 farms	3	-	-	-	-	-
..... number	2,100	-	-	-	-	-
1,000 or more farms	1	-	-	-	-	-
..... number	(D)	-	-	-	-	-
Sheep and lambs sold farms, 2017	23	9	18	10	20	39
..... farms, 2012	24	5	7	15	21	40
..... number, 2017	1,973	83	100	360	275	418
..... number, 2012	1,313	192	178	339	507	980
..... \$1,000, 2017	332	18	19	71	39	68
..... \$1,000, 2012	225	(D)	39	42	93	155
Wool production farms, 2017	12	4	15	5	14	27
..... farms, 2012	22	6	12	10	21	32
..... pounds, 2017	14,946	2,407	945	948	1,566	5,002
..... pounds, 2012	9,381	1,808	2,365	1,940	3,388	5,316
..... \$1,000, 2017	14	-	1	1	1	5
..... \$1,000, 2012	10	(D)	8	2	(D)	4
Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Sheep and lambs inventory farms, 2017	3	18	37	35	9	14
..... farms, 2012	-	16	27	45	12	13
..... number, 2017	60	140	464	448	257	1,181
..... number, 2012	-	100	634	991	60	707
2017 farms by inventory:						
1 to 24 farms	3	18	34	32	6	10
..... number	60	140	314	288	80	136
25 to 99 farms	-	-	3	3	3	1
..... number	-	-	150	160	177	(D)
100 to 299 farms	-	-	-	-	-	2
..... number	-	-	-	-	-	(D)
300 to 999 farms	-	-	-	-	-	1
..... number	-	-	-	-	-	(D)
1,000 or more farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Sheep and lambs sold farms, 2017	-	11	19	21	12	14
..... farms, 2012	-	12	11	26	8	6
..... number, 2017	-	36	384	259	238	1,058
..... number, 2012	-	102	196	447	160	564
..... \$1,000, 2017	-	5	78	38	40	158
..... \$1,000, 2012	-	10	42	84	38	(D)
Wool production farms, 2017	-	4	16	16	11	7
..... farms, 2012	-	5	17	28	5	8
..... pounds, 2017	-	41	1,788	1,853	753	5,658
..... pounds, 2012	-	102	3,225	9,656	187	3,097
..... \$1,000, 2017	-	-	2	2	1	8
..... \$1,000, 2012	-	(D)	(Z)	5	(D)	(D)
Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Sheep and lambs inventory farms, 2017	1	22	13	8	45	12
..... farms, 2012	2	45	8	6	50	18
..... number, 2017	(D)	1,754	452	145	1,756	100
..... number, 2012	(D)	2,112	288	185	1,263	224
2017 farms by inventory:						
1 to 24 farms	-	9	8	5	30	10
..... number	-	(D)	(D)	33	307	(D)
25 to 99 farms	-	9	2	3	7	2
..... number	-	443	(D)	112	282	(D)
100 to 299 farms	1	3	3	-	8	-
..... number	(D)	530	326	-	1,167	-
300 to 999 farms	-	1	-	-	-	-
..... number	-	(D)	-	-	-	-
1,000 or more farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Sheep and lambs sold farms, 2017	1	16	6	10	21	3
..... farms, 2012	2	39	5	4	50	6
..... number, 2017	(D)	1,193	168	274	819	18
..... number, 2012	(D)	1,205	160	137	1,284	78
..... \$1,000, 2017	(D)	178	26	54	139	2
..... \$1,000, 2012	(D)	199	22	(D)	183	17
Wool production farms, 2017	1	13	3	3	13	3
..... farms, 2012	2	28	6	3	32	10
..... pounds, 2017	(D)	8,976	800	670	6,412	90
..... pounds, 2012	(D)	10,988	1,322	(D)	4,322	597
..... \$1,000, 2017	-	5	(D)	2	2	(Z)
..... \$1,000, 2012	-	6	(D)	-	1	(D)

--continued

Table 13. Sheep and Lambs - Inventory, Sales, and Wool Production: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Sheep and lambs inventory .....farms, 2017	1	31	64	34	53	3
2012	2	33	61	52	23	-
number, 2017	(D)	236	1,753	1,002	991	90
2012	(D)	555	705	2,114	1,083	-
2017 farms by inventory:						
1 to 24 .....farms	-	31	53	24	42	-
number	-	236	374	163	(D)	-
25 to 99 .....farms	1	-	9	7	9	3
number	(D)	-	(D)	323	470	90
100 to 299 .....farms	-	-	1	3	2	-
number	-	-	(D)	516	(D)	-
300 to 999 .....farms	-	-	1	-	-	-
number	-	-	(D)	-	-	-
1,000 or more .....farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Sheep and lambs sold .....farms, 2017	1	25	44	27	43	2
2012	2	19	33	35	18	-
number, 2017	(D)	216	928	1,144	756	(D)
2012	(D)	193	309	1,019	685	-
\$1,000, 2017	(D)	27	153	212	112	(D)
2012	(D)	24	43	152	107	-
Wool production .....farms, 2017	1	18	28	5	10	-
2012	2	21	34	21	13	-
pounds, 2017	(D)	729	2,873	2,038	2,131	-
2012	(D)	2,733	1,301	5,130	3,662	-
\$1,000, 2017	(D)	(Z)	3	2	5	-
2012	(D)	1	1	2	4	-
Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Sheep and lambs inventory .....farms, 2017	54	41	40	118	24	6
2012	44	21	38	109	19	5
number, 2017	1,085	980	964	9,468	644	103
2012	1,116	504	837	9,625	435	53
2017 farms by inventory:						
1 to 24 .....farms	40	31	25	70	18	3
number	336	351	148	734	266	6
25 to 99 .....farms	11	7	12	36	6	3
number	366	310	506	1,812	378	97
100 to 299 .....farms	3	3	3	5	-	-
number	383	319	310	(D)	-	-
300 to 999 .....farms	-	-	-	5	-	-
number	-	-	-	2,779	-	-
1,000 or more .....farms	-	-	-	2	-	-
number	-	-	-	(D)	-	-
Sheep and lambs sold .....farms, 2017	34	27	15	75	15	2
2012	42	11	22	90	13	2
number, 2017	727	948	485	8,993	268	(D)
2012	869	430	442	6,621	183	(D)
\$1,000, 2017	111	158	51	1,934	41	(D)
2012	151	100	85	1,387	25	(D)
Wool production .....farms, 2017	22	8	22	48	10	-
2012	21	18	18	80	16	1
pounds, 2017	3,534	(D)	1,367	51,457	1,870	-
2012	2,866	7,052	2,479	75,591	3,760	(D)
\$1,000, 2017	3	1	1	39	1	1
2012	2	1	2	38	2	-

Table 14. All Goats - Inventory and Sales: 2017 and 2012

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Value (\$1,000)
State Total					
Michigan .....2017	2,614	29,226	1,267	13,653	2,114
2012	2,623	27,059	1,042	11,945	1,602
Counties, 2017					
Alcona.....	4	8	-	-	-
Alger.....	10	75	7	23	4
Allegan.....	68	1,322	31	769	136
Alpena.....	14	147	4	22	2
Antrim.....	10	57	7	68	5
Baraga.....	2	(D)	-	-	-
Barry.....	58	854	21	991	71
Bay.....	15	131	10	38	4
Benzie.....	13	64	7	27	6
Berrien.....	64	857	28	266	38
Branch.....	30	520	16	148	72
Calhoun.....	85	1,045	40	298	72
Cass.....	50	414	25	124	21
Charlevoix.....	9	139	7	93	12
Cheboygan.....	32	274	10	108	16
Chippewa.....	50	426	23	166	25
Clare.....	30	164	14	35	3
Clinton.....	59	468	43	338	67
Crawford.....	11	45	-	-	-
Delta.....	6	72	6	36	15
Dickinson.....	15	96	3	19	4
Eaton.....	48	321	13	90	15
Emmet.....	15	423	11	294	35
Genesee.....	36	339	16	196	43
Gladwin.....	29	449	7	135	19
Gogebic.....	2	(D)	-	-	-
Grand Traverse.....	33	183	6	16	3
Gratiot.....	31	243	10	66	14
Hillsdale.....	73	758	39	343	32
Houghton.....	13	157	7	163	13
Huron.....	20	264	23	250	32
Ingham.....	61	821	23	369	40
Ionia.....	59	563	32	189	28
Iosco.....	4	134	2	(D)	(D)
Iron.....	7	88	3	30	5
Isabella.....	41	521	28	207	27
Jackson.....	64	854	44	372	61
Kalamazoo.....	64	983	43	480	102
Kalkaska.....	8	46	5	62	4
Kent.....	46	397	20	142	19
Lake.....	12	96	6	47	5
Lapeer.....	66	887	39	1,011	159
Leelanau.....	25	428	19	180	37
Lenawee.....	57	457	30	261	28
Livingston.....	50	583	27	223	41
Luce.....	9	39	-	-	-
Mackinac.....	3	(D)	1	(D)	(D)
Macomb.....	15	178	9	111	14
Manistee.....	18	254	10	51	6
Marquette.....	10	18	1	(D)	(D)
Mason.....	28	191	7	23	4
Mecosta.....	35	302	13	63	12
Menominee.....	18	39	1	(D)	(D)
Midland.....	39	201	11	56	6
Missaukee.....	10	379	9	125	21
Monroe.....	53	869	28	274	36
Montcalm.....	61	479	34	158	18
Montmorency.....	4	34	2	(D)	(D)
Muskegon.....	45	324	29	166	27
Newaygo.....	77	1,344	32	381	55
Oakland.....	33	255	9	74	15
Oceana.....	31	358	18	298	72
Ogemaw.....	15	129	3	(D)	(D)
Ontonagon.....	2	(D)	-	-	-
Osceola.....	31	491	14	189	33
Oscoda.....	9	77	4	18	3
Otsego.....	8	34	3	(D)	3
Ottawa.....	46	1,054	31	879	139
Presque Isle.....	8	38	7	89	12
Roscommon.....	5	30	3	24	3
Saginaw.....	39	291	21	101	13
St. Clair.....	56	501	31	265	36
St. Joseph.....	50	301	22	168	23
Sanilac.....	56	485	19	142	27
Schoolcraft.....	1	(D)	-	-	-
Shiawassee.....	62	951	33	319	53
Tuscola.....	24	206	11	92	24
Van Buren.....	58	863	23	202	25
Washtenaw.....	98	766	37	404	53
Wayne.....	29	324	22	89	14
Wexford.....	29	212	14	113	13

Table 15. Milk Goats - Inventory and Sales: 2017 and 2012

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Value (\$1,000)
State Total					
Michigan..... 2017	1,246	11,905	630	5,001	831
..... 2012	1,194	11,884	516	4,952	750
Counties, 2017					
Alcona	1	(D)	-	-	-
Alger.....	5	(D)	7	17	2
Allegan.....	33	424	11	108	23
Alpena.....	11	128	3	(D)	(D)
Antrim.....	9	36	6	(D)	(D)
Baraga.....	2	(D)	-	-	-
Barry.....	23	(D)	12	(D)	(D)
Bay.....	2	(D)	1	(D)	(D)
Benzie.....	6	12	6	(D)	(D)
Berrien.....	20	159	10	102	15
Calhoun.....	35	336	14	122	36
Cass.....	20	193	10	71	12
Charlevoix.....	3	12	-	-	-
Cheboygan.....	15	(D)	6	(D)	(D)
Chippewa.....	30	187	5	44	8
Clare.....	19	62	9	30	2
Clinton.....	17	130	12	124	20
Crawford.....	6	30	-	-	-
Delta.....	6	72	6	36	15
Dickinson.....	4	14	-	-	-
Eaton.....	21	(D)	7	(D)	(D)
Emmet.....	6	133	3	66	4
Genesee.....	13	(D)	5	24	4
Gladwin.....	7	99	4	26	5
Grand Traverse.....	8	(D)	2	(D)	(D)
Gratiot.....	11	121	4	25	8
Hillsdale.....	42	370	23	192	(D)
Houghton.....	7	43	7	39	5
Huron.....	5	56	5	83	8
Ingham.....	17	469	12	253	27
Ionia.....	45	276	16	(D)	(D)
Iron.....	4	82	3	30	5
Isabella.....	25	206	21	122	14
Jackson.....	30	(D)	24	123	25
Kalamazoo.....	35	538	24	333	77
Kalkaska.....	7	34	2	(D)	(D)
Kent.....	13	(D)	8	90	14
Lake.....	4	10	3	30	2
Lapeer.....	46	252	19	111	13
Leelanau.....	17	374	13	174	36
Lenawee.....	18	165	13	197	21
Livingston.....	31	379	22	179	37
Luce.....	3	6	-	-	-
Macomb.....	6	117	5	86	11
Manistee.....	10	(D)	-	-	-
Marquette.....	2	(D)	-	-	-
Mason.....	16	106	4	8	1
Mecosta.....	13	(D)	8	24	7
Menominee.....	7	16	-	-	-
Midland.....	14	54	4	(D)	(D)
Missaukee.....	6	224	6	76	15
Monroe.....	29	455	24	194	26
Montcalm.....	30	93	15	(D)	(D)
Muskegon.....	36	183	21	78	12
Newaygo.....	41	(D)	10	(D)	(D)
Oakland.....	20	157	6	22	2
Oceana.....	22	215	10	225	58
Ogemaw.....	5	24	1	(D)	(D)
Ontonagon.....	2	(D)	-	-	-
Osceola.....	9	37	5	27	6
Oscoda.....	6	(D)	3	(D)	(D)
Otsego.....	2	(D)	2	(D)	(D)
Ottawa.....	28	591	20	319	57
Presque Isle.....	5	20	4	20	3
Roscommon.....	5	30	3	24	3
Saginaw.....	5	23	4	14	3
St. Clair.....	38	254	17	132	19
St. Joseph.....	31	100	10	(D)	(D)
Sanilac.....	28	223	9	58	14
Shiawassee.....	34	607	24	163	21
Tuscola.....	8	138	3	60	12
Van Buren.....	36	583	18	121	17
Washtenaw.....	45	296	18	104	11
Wayne.....	18	166	15	50	8
Wexford.....	7	26	3	13	2

Table 16. Angora Goats - Inventory and Sales: 2017 and 2012

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

Geographic area	Angora goats					Mohair		
	Inventory		Sales			Clipped ¹		Value (\$1,000)
	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Pounds	
State Total								
Michigan .....2017	238	1,321	72	353	37	55	4,049	5
.....2012	177	874	32	103	10	63	2,873	4
Counties, 2017								
Alger	2	(D)	-	-	-	-	-	-
Antrim	2	(D)	-	-	-	-	-	-
Barry	3	(D)	2	(D)	(D)	1	(D)	-
Benzie	6	24	-	-	-	-	-	-
Berrien	8	13	-	-	-	-	-	-
Calhoun	3	14	-	-	-	-	-	-
Cass	6	18	-	-	-	-	-	-
Cheboygan	2	(D)	2	(D)	(D)	-	-	-
Chippewa	6	32	4	4	1	-	-	-
Clare	4	12	4	(D)	(D)	-	-	-
Clinton	18	28	8	20	2	2	(D)	-
Eaton	2	(D)	2	(D)	(D)	-	-	-
Genesee	1	(D)	-	-	-	-	-	-
Grand Traverse	2	(D)	-	-	-	-	-	-
Gratiot	1	(D)	-	-	-	-	-	-
Hillsdale	3	48	3	(D)	(D)	-	-	-
Houghton	6	48	-	-	-	2	(D)	-
Ingham	7	56	1	(D)	(D)	1	(D)	(D)
Ionia	1	(D)	1	(D)	(D)	1	(D)	(D)
Isabella	5	62	5	30	4	-	-	-
Jackson	1	(D)	-	-	-	-	-	-
Kalamazoo	5	7	-	-	-	-	-	-
Kent	1	(D)	1	(D)	(D)	1	(D)	-
Lapeer	21	69	-	-	-	7	120	(Z)
Leelanau	6	(D)	6	6	1	-	-	-
Lenawee	5	106	5	28	3	1	(D)	-
Livingston	10	111	2	(D)	(D)	6	574	(D)
Mackinac	2	(D)	-	-	-	-	-	-
Macomb	1	(D)	1	(D)	(D)	-	-	-
Manistee	2	(D)	2	(D)	(D)	2	(D)	-
Marquette	3	(D)	-	-	-	-	-	-
Mason	2	(D)	-	-	-	-	-	-
Mecosta	3	(D)	-	-	-	1	(D)	(D)
Midland	8	16	2	(D)	(D)	-	-	-
Missaukee	2	(D)	2	(D)	(D)	-	-	-
Monroe	2	(D)	4	14	1	2	(D)	-
Montcalm	6	40	2	(D)	(D)	4	154	(Z)
Muskegon	4	8	-	-	-	-	-	-
Newaygo	2	(D)	2	(D)	(D)	2	(D)	(D)
Oakland	2	(D)	-	-	-	2	(D)	-
Osceola	6	24	-	-	-	-	-	-
Ottawa	4	43	-	-	-	3	300	-
Presque Isle	3	18	3	69	9	3	180	3
Saginaw	3	12	-	-	-	-	-	-
St. Clair	6	34	-	-	-	4	80	-
St. Joseph	-	-	2	(D)	(D)	2	(D)	-
Sanilac	4	20	-	-	-	-	-	-
Shiawassee	4	8	-	-	-	2	(D)	-
Van Buren	10	53	-	-	-	-	-	-
Washtenaw	16	57	3	12	1	1	(D)	-
Wayne	1	(D)	-	-	-	-	-	-
Wexford	5	87	3	13	1	5	737	-

¹ Data are for farms with production, not necessarily sold.

Table 17. Meat Goats and Other Goats - Inventory and Sales: 2017 and 2012

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Value (\$1,000)
State Total					
Michigan..... 2017	1,522	16,000	691	8,299	1,246
..... 2012	1,669	14,301	581	6,890	841
Counties, 2017					
Alcona	3	(D)	-	-	-
Alger.....	3	39	3	6	2
Allegan.....	38	898	23	661	113
Alpena.....	3	19	1	(D)	(D)
Antrim.....	2	(D)	2	(D)	(D)
Barry.....	35	626	9	941	64
Bay.....	13	(D)	9	(D)	(D)
Benzie.....	13	28	1	(D)	(D)
Berrien.....	43	685	22	164	23
Branch.....	30	520	16	148	72
Calhoun.....	53	695	28	176	35
Cass.....	36	203	17	53	9
Charlevoix.....	9	127	7	93	12
Cheboygan.....	27	171	5	62	8
Chippewa.....	33	207	15	118	17
Clare.....	11	90	1	(D)	(D)
Clinton.....	33	310	28	194	45
Crawford.....	5	15	-	-	-
Dickinson.....	13	82	3	19	4
Eaton.....	28	190	6	52	8
Emmet.....	11	290	8	228	31
Genesee.....	23	221	11	172	39
Gladwin.....	25	350	5	109	14
Gogebic.....	2	(D)	-	-	-
Grand Traverse.....	27	135	4	(D)	(D)
Gratiot.....	20	(D)	6	41	6
Hillsdale.....	30	(D)	14	(D)	17
Houghton.....	4	66	6	124	8
Huron.....	17	208	20	167	24
Ingham.....	40	296	11	(D)	(D)
Ionia.....	31	(D)	15	96	17
Iosco.....	4	134	2	(D)	(D)
Iron.....	3	6	-	-	-
Isabella.....	20	253	8	55	8
Jackson.....	46	560	25	249	36
Kalamazoo.....	29	438	19	147	25
Kalkaska.....	3	(D)	3	(D)	(D)
Kent.....	34	211	11	(D)	(D)
Lake.....	12	86	6	17	4
Lapeer.....	41	566	29	900	146
Leelanau.....	2	(D)	-	-	-
Lenawee.....	47	186	14	36	4
Livingston.....	20	93	5	(D)	(D)
Luce.....	9	33	-	-	-
Mackinac.....	1	(D)	1	(D)	(D)
Macomb.....	10	(D)	4	(D)	(D)
Manistee.....	16	162	8	(D)	(D)
Marquette.....	5	10	1	(D)	(D)
Mason.....	17	(D)	3	15	3
Mecosta.....	23	181	9	39	5
Menominee.....	11	23	1	(D)	(D)
Midland.....	23	131	5	38	4
Missaukee.....	2	(D)	1	(D)	(D)
Monroe.....	32	(D)	8	66	9
Montcalm.....	32	346	22	123	13
Montmorency.....	4	34	2	(D)	(D)
Muskegon.....	12	133	11	88	15
Newaygo.....	40	909	22	308	39
Oakland.....	17	(D)	3	52	13
Oceana.....	12	143	8	73	14
Ogemaw.....	15	105	3	(D)	(D)
Osceola.....	21	430	10	162	28
Oscoda.....	3	(D)	1	(D)	(D)
Otsego.....	6	(D)	1	(D)	(D)
Ottawa.....	21	420	11	560	82
Saginaw.....	31	256	17	87	10
St. Clair.....	26	213	22	133	17
St. Joseph.....	20	201	10	116	18
Sanilac.....	30	242	12	84	13
Schoolcraft.....	1	(D)	-	-	-
Shiawassee.....	26	336	11	156	32
Tuscola.....	16	68	8	32	12
Van Buren.....	24	227	13	81	8
Washtenaw.....	51	413	22	288	41
Wayne.....	22	(D)	12	39	6
Wexford.....	19	99	11	87	10

Table 18. Equine - Inventory and Sales: 2017 and 2012

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

Geographic area	Inventory		Sales			
	Farms	Number	Farms	Number	Value (\$1,000)	
HORSES AND PONIES (SEE TEXT)						
State Total						
Michigan	2017	10,235	64,200	1,480	4,421	16,964
	2012	12,413	87,998	(NA)	(NA)	(NA)
Counties, 2017						
Alcona		62	386	-	-	-
Alger		24	122	-	-	-
Allegan		286	1,587	34	102	726
Alpena		92	402	11	11	7
Antrim		52	328	3	6	22
Arenac		22	75	-	-	-
Baraga		12	34	3	3	2
Barry		268	1,479	30	87	457
Bay		78	511	11	49	757
Benzie		27	138	4	49	111
Berrien		147	821	21	56	141
Branch		175	1,036	25	38	108
Calhoun		222	1,386	28	61	(D)
Cass		162	732	23	70	(D)
Charlevoix		66	397	6	22	174
Cheboygan		82	520	9	10	9
Chippewa		99	933	20	90	234
Clare		146	1,094	30	59	159
Clinton		205	937	27	50	152
Crawford		31	194	8	22	58
Delta		25	128	-	-	-
Dickinson		31	167	9	36	22
Eaton		188	1,125	34	63	(D)
Emmet		61	350	6	25	15
Genesee		243	1,450	12	26	(D)
Gladwin		114	755	18	52	202
Gogebic		9	19	2	(D)	(D)
Grand Traverse		110	745	17	57	(D)
Gratiot		60	420	11	46	(D)
Hillsdale		255	1,538	51	173	(D)
Houghton		34	224	3	5	2
Huron		62	367	9	9	34
Ingham		253	1,688	51	129	293
Ionia		196	1,052	27	70	(D)
Iosco		70	460	7	22	68
Iron		18	94	3	13	15
Isabella		176	905	19	25	945
Jackson		236	1,265	22	87	115
Kalamazoo		212	1,794	40	95	357
Kalkaska		43	234	3	31	35
Kent		250	1,665	39	128	(D)
Keweenaw		3	15	-	-	-
Lake		46	419	7	10	15
Lapeer		316	1,964	65	225	1,177
Leelanau		58	627	12	25	(D)
Lenawee		196	1,179	36	224	721
Livingston		217	1,626	23	83	156
Luce		7	14	2	(D)	(D)
Mackinac		31	194	-	-	-
Macomb		86	804	7	30	307
Manistee		48	233	4	8	23
Marquette		42	343	6	11	20
Mason		103	530	11	34	43
Mecosta		189	1,393	34	95	(D)
Menominee		82	399	15	39	(D)
Midland		107	582	7	15	(D)
Missaukee		101	649	6	27	13
Monroe		217	1,351	16	53	122
Montcalm		235	1,220	35	86	(D)
Montmorency		37	136	4	7	16
Muskegon		120	628	24	44	(D)
Newaygo		256	1,442	38	176	376
Oakland		211	2,090	35	174	1,622
Oceana		109	867	17	71	185
Ogemaw		40	259	1	(D)	(D)
Ontonagon		23	128	3	6	(D)
Osceola		160	745	33	49	58
Oscoda		80	478	13	48	296
Otsego		34	191	16	63	230
Ottawa		218	1,443	33	106	(D)
Presque Isle		48	191	8	41	30
Roscommon		14	69	1	(D)	(D)
Saginaw		114	762	14	39	(D)
St. Clair		219	1,477	29	99	(D)
St. Joseph		320	1,886	54	127	573
Sanilac		216	1,373	41	90	(D)
Schoolcraft		19	58	-	-	-
Shiawassee		215	1,226	24	41	(D)
Tuscola		190	1,114	39	123	(D)
Van Buren		164	830	21	38	97
Washtenaw		320	2,425	53	156	620
Wayne		54	845	6	30	(D)
Wexford		66	438	11	45	53

--continued

Table 18. Equine - Inventory and Sales: 2017 and 2012 (continued)

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

Geographic area	Inventory		Sales			
	Farms	Number	Farms	Number	Value (\$1,000)	
MULES, BURROS, AND DONKEYS						
State Total						
Michigan.....	2017	1,561	3,972	131	342	127
	2012	1,548	4,223	152	457	179
Counties, 2017						
Alcona		1	(D)	-	-	-
Alger		11	25	1	(D)	(D)
Allegan		21	54	-	-	-
Alpena		6	8	-	-	-
Antrim		4	5	-	-	-
Arenac		8	(D)	-	-	-
Baraga		15	35	-	-	-
Barry		49	248	11	23	5
Bay		8	13	-	-	-
Berrien		28	69	5	17	7
Branch.....		32	81	10	32	13
Calhoun.....		47	69	2	(D)	(D)
Cass		27	38	1	(D)	(D)
Charlevoix		10	16	-	-	-
Cheboygan.....		29	55	3	(D)	2
Chippewa		18	44	7	11	4
Clare		7	11	-	-	-
Clinton.....		28	49	-	-	-
Crawford		8	12	-	-	-
Delta.....		12	14	-	-	-
Dickinson		8	10	-	-	-
Eaton.....		38	205	2	(D)	(D)
Emmet.....		13	20	-	-	-
Genesee		28	47	2	(D)	(D)
Gladwin		9	15	-	-	-
Grand Traverse		10	27	-	-	-
Gratiot		4	14	1	(D)	(D)
Hillsdale		31	50	2	(D)	(D)
Houghton		15	39	2	(D)	(D)
Huron		6	7	-	-	-
Ingham		54	309	5	51	20
Ionia		12	17	1	(D)	(D)
Iosco		8	10	-	-	-
Iron.....		11	18	-	-	-
Isabella.....		22	33	-	-	-
Jackson.....		22	39	2	(D)	(D)
Kalamazoo		34	100	3	6	2
Kalkaska		2	(D)	-	-	-
Kent.....		14	31	2	(D)	(D)
Lake		11	(D)	-	-	-
Lapeer.....		29	60	4	8	2
Leelanau		12	17	1	(D)	(D)
Lenawee		27	78	4	14	5
Livingston		50	102	-	-	-
Mackinac.....		7	20	1	(D)	(D)
Macomb		13	32	-	-	-
Manistee		11	16	-	-	-
Marquette		13	44	-	-	-
Mason		7	13	-	-	-
Mecosta		19	58	2	(D)	(D)
Menominee		10	20	1	(D)	(D)
Midland		8	9	1	(D)	(D)
Missaukee		22	76	-	-	-
Monroe.....		54	100	-	-	-
Montcalm		32	83	2	(D)	(D)
Montmorency		8	13	-	-	-
Muskegon		23	40	2	(D)	(D)
Newaygo		28	90	5	19	6
Oakland.....		44	89	3	8	4
Oceana		27	46	7	(D)	3
Ogemaw.....		9	14	-	-	-
Ontonagon		8	19	1	(D)	(D)
Osceola.....		24	59	7	13	4
Oscoda.....		9	17	-	-	-
Otsego		5	7	-	-	-
Ottawa.....		35	93	1	(D)	(D)
Presque Isle		12	14	3	(D)	2
Saginaw		14	16	2	(D)	(D)
St. Clair		39	68	1	(D)	(D)
St. Joseph.....		29	154	3	15	6
Sanilac		21	63	1	(D)	(D)
Shiawassee.....		24	55	2	(D)	(D)
Tuscola		19	42	4	6	1
Van Buren		42	143	-	-	-
Washtenaw		86	318	10	36	13
Wayne.....		5	6	1	(D)	(D)
Wexford.....		15	18	-	-	-

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
INVENTORY						
Any poultry farms, 2017	7,733	30	49	187	65	57
2012	7,507	35	32	207	94	67
Layers (see text) farms, 2017	7,039	28	46	165	65	50
2012	6,783	31	32	177	87	65
number, 2017	15,074,549	988	949	6,155,985	3,795	3,172
2012	12,676,021	561	631	4,959,754	1,746	1,288
2017 farms by inventory:						
1 to 49.....	5,953	19	46	132	50	44
50 to 99.....	644	6	-	22	2	-
100 to 399.....	364	3	-	6	10	3
400 to 3,199.....	63	-	-	-	3	3
3,200 to 9,999.....	5	-	-	1	-	-
10,000 to 19,999.....	-	-	-	-	-	-
20,000 to 49,999.....	1	-	-	-	-	-
50,000 to 99,999.....	1	-	-	-	-	-
100,000 or more.....	8	-	-	4	-	-
Pullets for laying flock replacement farms, 2017	1,159	6	11	40	7	3
2012	849	3	5	21	10	6
number, 2017	4,933,440	221	133	1,996,933	56	15
2012	3,356,880	32	29	1,378,281	193	136
Broilers and other meat-type chickens farms, 2017	1,515	8	4	43	19	8
2012	1,366	16	7	32	17	10
number, 2017	1,609,545	110	1,560	262,252	1,604	466
2012	1,125,601	620	196	242,787	626	626
Turkeys farms, 2017	1,036	5	5	26	8	1
2012	838	3	4	25	9	4
number, 2017	2,279,108	42	35	312,229	65	(D)
2012	2,190,486	63	23	399,937	78	32
Ducks, geese, and other miscellaneous poultry farms, 2017	2,320	4	24	64	11	14
2012	1,940	11	13	52	26	14
NUMBER SOLD						
Any poultry sold farms, 2017	5,300	13	44	121	42	39
2012	4,565	20	25	135	58	41
Layers sold (see text) farms, 2017	1,235	2	9	37	8	11
2012	1,048	-	10	45	13	8
number, 2017	5,036,819	(D)	84	4,095,747	517	3,301
2012	3,984,296	-	106	2,902,907	208	76
Pullets for laying flock replacement sold farms, 2017	132	-	-	5	-	-
2012	116	-	-	6	1	1
number, 2017	6,573,536	-	-	(D)	-	-
2012	5,325,058	-	-	3,697,430	(D)	(D)
Broilers and other meat-type chickens sold farms, 2017	1,582	5	14	48	15	12
2012	1,124	9	8	44	13	8
number, 2017	8,868,690	666	2,580	1,390,508	4,970	4,112
2012	5,737,416	455	3,450	1,353,091	534	475
2017 farms by number sold:						
1 to 1,999.....	1,539	5	14	44	15	12
2,000 to 59,999.....	21	-	-	1	-	-
60,000 to 99,999.....	-	-	-	-	-	-
100,000 to 199,999.....	6	-	-	-	-	-
200,000 to 499,999.....	13	-	-	3	-	-
500,000 or more.....	3	-	-	-	-	-
Turkeys sold (see text) farms, 2017	767	7	14	23	3	4
2012	486	4	4	22	9	1
number, 2017	5,186,242	171	83	864,930	(D)	17,800
2012	5,208,149	68	158	980,346	104	(D)
Ducks, geese, and other miscellaneous poultry sold farms, 2017	656	2	18	22	2	3
2012	588	-	11	25	7	1

--continued

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
INVENTORY						
Any poultry .....farms, 2017	33	14	166	52	49	125
2012	37	9	168	55	36	97
Layers (see text) .....farms, 2017	33	14	152	47	47	124
2012	32	9	159	53	36	94
number, 2017	524	830	5,319	2,219	1,240	2,450
2012	784	(D)	3,747	1,191	1,285	2,246
2017 farms by inventory:						
1 to 49	33	11	132	32	39	113
50 to 99	-	-	13	6	8	8
100 to 399	-	3	6	9	-	3
400 to 3,199	-	-	1	-	-	-
3,200 to 9,999	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Pullets for laying flock replacement .....farms, 2017	8	5	29	3	-	16
2012	7	-	23	8	8	7
number, 2017	66	490	443	27	-	310
2012	143	-	616	186	281	94
Broilers and other meat-type chickens .....farms, 2017	9	3	23	8	8	15
2012	9	2	29	10	5	12
number, 2017	314	125	1,298	830	204	401
2012	638	(D)	1,742	177	79	462
Turkeys .....farms, 2017	6	3	15	11	-	9
2012	6	2	17	7	2	13
number, 2017	24	300	(D)	117	-	62
2012	50	(D)	(D)	74	(D)	98
Ducks, geese, and other miscellaneous poultry .....farms, 2017	2	6	49	12	16	31
2012	11	2	38	17	7	24
NUMBER SOLD						
Any poultry sold .....farms, 2017	24	11	117	38	38	69
2012	19	5	76	32	21	54
Layers sold (see text) .....farms, 2017	2	5	33	2	8	17
2012	6	1	27	2	2	12
number, 2017	(D)	6,300	2,212	(D)	92	387
2012	234	(D)	523	(D)	(D)	653
Pullets for laying flock replacement sold .....farms, 2017	-	3	5	2	-	-
2012	-	-	-	-	2	-
number, 2017	-	150	74	(D)	-	-
2012	-	-	-	-	(D)	-
Broilers and other meat-type chickens sold .....farms, 2017	8	3	30	14	22	5
2012	2	2	13	7	5	10
number, 2017	440	90	2,412	510	6,404	420
2012	(D)	(D)	1,656	280	790	442
2017 farms by number sold:						
1 to 1,999	8	3	30	14	22	5
2,000 to 59,999	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-
500,000 or more	-	-	-	-	-	-
Turkeys sold (see text) .....farms, 2017	6	3	6	2	12	13
2012	2	2	5	4	-	11
number, 2017	12	60	(D)	(D)	300	255
2012	(D)	(D)	(D)	54	-	85
Ducks, geese, and other miscellaneous poultry sold .....farms, 2017	2	3	18	6	14	10
2012	2	-	15	1	-	2

--continued

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
INVENTORY						
Any poultry farms, 2017	129	145	106	67	98	74
..... 2012	129	153	118	44	64	78
Layers (see text) farms, 2017	115	132	95	64	91	69
..... 2012	118	141	105	41	64	73
..... number, 2017	3,282	12,899	6,219	1,519	2,763	2,681
..... 2012	2,508	4,776	2,266	870	1,492	1,260
2017 farms by inventory:						
1 to 49.....	97	103	85	58	71	46
50 to 99.....	15	8	-	1	18	18
100 to 399.....	3	9	7	5	2	5
400 to 3,199.....	-	12	3	-	-	-
3,200 to 9,999.....	-	-	-	-	-	-
10,000 to 19,999.....	-	-	-	-	-	-
20,000 to 49,999.....	-	-	-	-	-	-
50,000 to 99,999.....	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	-
Pullets for laying flock replacement farms, 2017	46	24	13	15	26	17
..... 2012	20	20	7	1	2	9
..... number, 2017	1,164	499	3,935	362	393	334
..... 2012	863	602	384	(D)	(D)	206
Broilers and other meat-type chickens farms, 2017	25	21	23	15	19	21
..... 2012	24	22	20	5	5	18
..... number, 2017	(D)	796	19,502	739	412	617
..... 2012	120,903	972	(D)	56	205	880
Turkeys farms, 2017	28	28	17	8	11	16
..... 2012	11	14	9	4	7	6
..... number, 2017	166	143	419	46	92	74
..... 2012	78	209	109	8	90	53
Ducks, geese, and other miscellaneous poultry farms, 2017	37	48	40	11	29	26
..... 2012	37	51	23	22	23	17
NUMBER SOLD						
Any poultry sold farms, 2017	92	102	57	43	73	62
..... 2012	91	86	53	26	44	47
Layers sold (see text) farms, 2017	15	34	9	16	6	11
..... 2012	28	21	9	3	6	10
..... number, 2017	259	(D)	(D)	113	179	286
..... 2012	725	2,915	151	28	142	404
Pullets for laying flock replacement sold farms, 2017	5	3	-	-	-	1
..... 2012	4	2	2	-	-	1
..... number, 2017	54	120	(D)	-	-	(D)
..... 2012	48	(D)	(D)	-	-	(D)
Broilers and other meat-type chickens sold farms, 2017	26	24	13	18	18	19
..... 2012	15	21	18	2	-	18
..... number, 2017	(D)	1,415	19,055	979	951	688
..... 2012	720,637	2,689	4,672	(D)	-	980
2017 farms by number sold:						
1 to 1,999.....	25	24	10	18	18	19
2,000 to 59,999.....	-	-	3	-	-	-
60,000 to 99,999.....	-	-	-	-	-	-
100,000 to 199,999.....	-	-	-	-	-	-
200,000 to 499,999.....	-	-	-	-	-	-
500,000 or more.....	1	-	-	-	-	-
Turkeys sold (see text) farms, 2017	15	18	11	-	7	15
..... 2012	5	14	8	2	-	2
..... number, 2017	130	269	367	-	57	48
..... 2012	45	182	153	(D)	-	(D)
Ducks, geese, and other miscellaneous poultry sold farms, 2017	4	14	8	3	6	12
..... 2012	7	11	9	8	3	12

--continued

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
INVENTORY						
Any poultry .....farms, 2017	101	137	25	48	21	139
2012	116	124	15	47	25	184
Layers (see text) .....farms, 2017	91	134	19	39	15	136
2012	106	116	13	45	23	173
number, 2017	1,809	4,248	275	1,663	363	5,737
2012	3,533	3,409	784	1,023	546	4,464
2017 farms by inventory:						
1 to 49	89	116	19	26	13	116
50 to 99	2	10	-	8	2	9
100 to 399	-	8	-	5	-	9
400 to 3,199	-	-	-	-	-	2
3,200 to 9,999	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Pullets for laying flock replacement .....farms, 2017	12	13	5	11	5	22
2012	12	14	7	4	4	19
number, 2017	168	173	58	233	150	918
2012	335	306	340	49	22	257
Broilers and other meat-type chickens .....farms, 2017	19	17	8	7	4	18
2012	30	11	5	10	7	31
number, 2017	567	634	114	365	90	1,929
2012	1,836	1,104	(D)	123	359	1,429
Turkeys .....farms, 2017	8	13	8	-	2	24
2012	18	13	2	4	2	22
number, 2017	26	48	14	-	(D)	186
2012	329	70	(D)	20	(D)	228
Ducks, geese, and other miscellaneous poultry .....farms, 2017	25	29	16	20	9	63
2012	22	31	6	9	4	42
NUMBER SOLD						
Any poultry sold .....farms, 2017	57	107	14	42	15	80
2012	70	77	11	28	15	114
Layers sold (see text) .....farms, 2017	15	39	2	19	6	29
2012	15	26	8	2	1	21
number, 2017	233	621	(D)	552	192	2,290
2012	1,564	897	276	(D)	(D)	1,002
Pullets for laying flock replacement sold .....farms, 2017	-	-	-	-	-	3
2012	2	3	1	-	1	2
number, 2017	-	-	-	-	-	30
2012	(D)	49	(D)	-	(D)	(D)
Broilers and other meat-type chickens sold .....farms, 2017	22	47	11	6	6	23
2012	17	10	1	4	4	16
number, 2017	700	2,696	1,314	138	60	2,544
2012	1,278	1,102	(D)	68	380	1,063
2017 farms by number sold:						
1 to 1,999	22	47	11	6	6	23
2,000 to 59,999	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-
500,000 or more	-	-	-	-	-	-
Turkeys sold (see text) .....farms, 2017	12	11	9	-	-	10
2012	8	6	-	-	-	8
number, 2017	84	76	609	-	-	81
2012	232	34	-	-	-	96
Ducks, geese, and other miscellaneous poultry sold .....farms, 2017	10	6	6	9	-	14
2012	4	6	2	-	1	8

--continued

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
INVENTORY						
Any poultry farms, 2017	77	141	100	19	69	50
2012	67	139	83	18	72	75
Layers (see text) farms, 2017	65	133	85	18	58	44
2012	65	129	78	17	60	66
number, 2017	2,878	3,508	2,492	415	2,267	1,646
2012	1,774	2,920	2,063	371	1,823	1,056
2017 farms by inventory:						
1 to 49.....	56	116	70	16	41	39
50 to 99.....	2	15	13	2	7	-
100 to 399.....	5	2	2	-	10	5
400 to 3,199.....	2	-	-	-	-	-
3,200 to 9,999.....	-	-	-	-	-	-
10,000 to 19,999.....	-	-	-	-	-	-
20,000 to 49,999.....	-	-	-	-	-	-
50,000 to 99,999.....	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	-
Pullets for laying flock replacement farms, 2017	12	25	14	4	9	6
2012	6	11	7	-	2	11
number, 2017	1,542	780	596	36	390	(D)
2012	145	138	79	-	(D)	316,185
Broilers and other meat-type chickens farms, 2017	20	31	32	1	8	4
2012	12	24	12	3	14	5
number, 2017	1,785	4,349	1,201	(D)	249	2,450
2012	682	511	572	99	780	226
Turkeys farms, 2017	2	20	12	-	2	1
2012	1	21	3	4	3	4
number, 2017	(D)	417	82	-	(D)	(D)
2012	(D)	216	15	(D)	127	(D)
Ducks, geese, and other miscellaneous poultry farms, 2017	14	48	33	7	22	10
2012	20	29	24	1	13	22
NUMBER SOLD						
Any poultry sold farms, 2017	56	95	65	19	43	25
2012	46	97	46	12	47	43
Layers sold (see text) farms, 2017	6	17	10	3	14	3
2012	8	17	15	-	15	4
number, 2017	323	318	160	74	904	36,000
2012	126	232	276	-	355	86
Pullets for laying flock replacement sold farms, 2017	2	-	1	-	2	3
2012	-	-	1	-	-	7
number, 2017	(D)	-	(D)	-	(D)	(D)
2012	-	-	(D)	-	-	(D)
Broilers and other meat-type chickens sold farms, 2017	23	18	12	3	1	12
2012	7	14	6	-	7	8
number, 2017	1,304	4,274	706	46	(D)	25,439
2012	1,250	2,356	233	-	326	623
2017 farms by number sold:						
1 to 1,999.....	23	18	12	3	1	9
2,000 to 59,999.....	-	-	-	-	-	3
60,000 to 99,999.....	-	-	-	-	-	-
100,000 to 199,999.....	-	-	-	-	-	-
200,000 to 499,999.....	-	-	-	-	-	-
500,000 or more.....	-	-	-	-	-	-
Turkeys sold (see text) farms, 2017	5	14	10	2	-	9
2012	3	15	-	-	1	1
number, 2017	43	355	52	(D)	-	(D)
2012	(D)	146	-	-	(D)	(D)
Ducks, geese, and other miscellaneous poultry sold farms, 2017	-	7	18	1	-	-
2012	8	6	5	1	-	3

--continued

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
INVENTORY						
Any poultry .....farms, 2017	140	44	69	195	125	39
2012	205	47	62	137	150	44
Layers (see text) .....farms, 2017	117	38	57	184	109	31
2012	182	45	46	130	137	40
number, 2017	2,645	1,119	(D)	17,389	(D)	950
2012	4,282	1,226	(D)	12,125	(D)	1,243
2017 farms by inventory:						
1 to 49	110	31	53	146	96	27
50 to 99	4	7	-	23	11	3
100 to 399	2	-	3	13	1	-
400 to 3,199	1	-	-	1	-	1
3,200 to 9,999	-	-	-	1	-	-
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	1	-	1	-
Pullets for laying flock replacement .....farms, 2017	7	13	8	32	15	2
2012	27	7	13	18	15	12
number, 2017	90	120	(D)	637	(D)	(D)
2012	778	93	(D)	400	(D)	589
Broilers and other meat-type chickens .....farms, 2017	23	2	25	34	16	1
2012	42	3	22	20	18	6
number, 2017	556	(D)	1,719	2,088	405	(D)
2012	1,434	12	864	1,308	424	312
Turkeys .....farms, 2017	14	5	9	25	10	3
2012	28	3	11	11	6	4
number, 2017	126	39	81	552	57	53
2012	189	9	152	235	27	51
Ducks, geese, and other miscellaneous poultry .....farms, 2017	30	22	19	66	29	17
2012	57	12	23	41	30	12
NUMBER SOLD						
Any poultry sold .....farms, 2017	70	41	57	154	80	14
2012	117	31	43	86	83	20
Layers sold (see text) .....farms, 2017	17	3	7	51	8	3
2012	29	4	6	22	24	8
number, 2017	7,308	38	(D)	4,746	260	81
2012	935	172	65	1,188	439	1,015
Pullets for laying flock replacement sold .....farms, 2017	1	2	-	8	-	-
2012	5	2	2	2	2	-
number, 2017	(D)	(D)	-	58	-	-
2012	244	(D)	(D)	(D)	(D)	-
Broilers and other meat-type chickens sold .....farms, 2017	12	13	24	58	7	2
2012	44	5	13	21	17	2
number, 2017	390	4,373	4,564	6,280	321	(D)
2012	1,665	252	589	6,757	505	(D)
2017 farms by number sold:						
1 to 1,999	12	13	24	58	7	2
2,000 to 59,999	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-
500,000 or more	-	-	-	-	-	-
Turkeys sold (see text) .....farms, 2017	6	5	1	41	3	1
2012	11	3	1	12	4	3
number, 2017	106	155	(D)	797	33	(D)
2012	81	11	(D)	540	52	40
Ducks, geese, and other miscellaneous poultry sold .....farms, 2017	12	8	4	20	6	-
2012	28	3	9	6	8	5

--continued

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
INVENTORY						
Any poultry farms, 2017	29	102	188	119	57	191
..... 2012	25	87	164	100	43	156
Layers (see text) farms, 2017	22	90	162	116	54	182
..... 2012	20	80	150	97	43	143
..... number, 2017	1,174	2,788	8,289	1,995	4,308	4,485
..... 2012	592	1,893	4,732	2,366	1,049	3,096
2017 farms by inventory:						
1 to 49.....	16	76	131	110	47	168
50 to 99.....	4	11	10	5	4	4
100 to 399.....	2	3	15	1	1	10
400 to 3,199.....	-	-	6	-	2	-
3,200 to 9,999.....	-	-	-	-	-	-
10,000 to 19,999.....	-	-	-	-	-	-
20,000 to 49,999.....	-	-	-	-	-	-
50,000 to 99,999.....	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	-
Pullets for laying flock replacement farms, 2017	6	5	24	16	8	16
..... 2012	-	14	14	10	6	12
..... number, 2017	48	102	2,159	352	81	568
..... 2012	-	368	280	123	98	250
Broilers and other meat-type chickens farms, 2017	6	16	21	15	29	28
..... 2012	3	10	30	8	5	20
..... number, 2017	57	576	393	1,171	1,308	479
..... 2012	9	328	1,559	1,723	326	670
Turkeys farms, 2017	1	2	23	10	9	22
..... 2012	4	9	16	8	3	16
..... number, 2017	(D)	(D)	127	122	34	67,772
..... 2012	12	(D)	218	25	24	(D)
Ducks, geese, and other miscellaneous poultry farms, 2017	18	29	51	31	16	48
..... 2012	4	18	35	28	5	41
NUMBER SOLD						
Any poultry sold farms, 2017	16	65	137	79	45	132
..... 2012	16	48	101	63	28	86
Layers sold (see text) farms, 2017	-	28	35	15	13	41
..... 2012	3	17	26	13	10	22
..... number, 2017	-	4,100	1,659	110	569	1,025
..... 2012	142	650	2,388	482	358	1,372
Pullets for laying flock replacement sold farms, 2017	-	-	3	-	3	9
..... 2012	-	-	1	-	-	3
..... number, 2017	-	-	2,008	-	39	1,836
..... 2012	-	-	(D)	-	-	177
Broilers and other meat-type chickens sold farms, 2017	1	27	39	24	25	42
..... 2012	3	11	26	11	9	15
..... number, 2017	(D)	11,991	5,970	1,656	1,115	3,042
..... 2012	85	5,526	2,161	584	629	698
2017 farms by number sold:						
1 to 1,999.....	1	24	39	24	25	42
2,000 to 59,999.....	-	3	-	-	-	-
60,000 to 99,999.....	-	-	-	-	-	-
100,000 to 199,999.....	-	-	-	-	-	-
200,000 to 499,999.....	-	-	-	-	-	-
500,000 or more.....	-	-	-	-	-	-
Turkeys sold (see text) farms, 2017	1	6	25	16	2	16
..... 2012	1	6	8	8	4	5
..... number, 2017	(D)	1,614	981	116	(D)	(D)
..... 2012	(D)	469	171	101	71	(D)
Ducks, geese, and other miscellaneous poultry sold farms, 2017	-	8	20	13	3	29
..... 2012	1	6	11	10	-	9

--continued

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
INVENTORY						
Any poultry .....farms, 2017	-	32	204	59	124	190
2012	-	40	201	55	125	151
Layers (see text) .....farms, 2017	-	29	182	54	111	165
2012	-	35	179	52	105	135
number, 2017	-	582	7,409	1,764	3,386	5,298
2012	-	612	3,740	1,486	2,584	3,592
2017 farms by inventory:						
1 to 49	-	28	151	46	92	148
50 to 99	-	1	17	7	13	10
100 to 399	-	-	9	-	6	5
400 to 3,199	-	-	5	1	-	2
3,200 to 9,999	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Pullets for laying flock replacement .....farms, 2017	-	1	18	10	24	28
2012	-	8	26	6	7	15
number, 2017	-	(D)	365	198	1,059	493
2012	-	110	432	215	122	395
Broilers and other meat-type chickens .....farms, 2017	-	1	34	3	26	45
2012	-	11	43	6	15	22
number, 2017	-	(D)	5,053	42	1,317	1,738
2012	-	171	1,587	112	659	4,055
Turkeys .....farms, 2017	-	4	37	12	13	23
2012	-	1	19	3	20	13
number, 2017	-	32	273	379	98	414
2012	-	(D)	210	(D)	452	152
Ducks, geese, and other miscellaneous poultry .....farms, 2017	-	3	72	21	46	57
2012	-	4	68	10	40	48
NUMBER SOLD						
Any poultry sold .....farms, 2017	-	24	130	54	97	135
2012	-	20	110	38	87	90
Layers sold (see text) .....farms, 2017	-	9	33	15	23	30
2012	-	4	24	3	13	12
number, 2017	-	109	1,606	174	691	1,094
2012	-	27	1,077	42	349	487
Pullets for laying flock replacement sold .....farms, 2017	-	-	-	-	-	5
2012	-	-	4	-	2	2
number, 2017	-	-	-	-	-	70
2012	-	-	84	-	(D)	(D)
Broilers and other meat-type chickens sold .....farms, 2017	-	1	26	15	27	49
2012	-	6	37	4	31	31
number, 2017	-	(D)	2,509	3,470	4,824	3,137
2012	-	217	3,327	2,025	2,033	5,445
2017 farms by number sold:						
1 to 1,999	-	1	26	15	27	49
2,000 to 59,999	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-
500,000 or more	-	-	-	-	-	-
Turkeys sold (see text) .....farms, 2017	-	2	17	14	8	26
2012	-	-	15	7	11	12
number, 2017	-	(D)	2,180	400	112	516
2012	-	-	415	202	286	710
Ducks, geese, and other miscellaneous poultry sold .....farms, 2017	-	-	25	8	8	11
2012	-	-	18	4	10	14

--continued

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
INVENTORY						
Any poultry farms, 2017	25	26	44	57	47	74
..... 2012	7	29	67	65	35	68
Layers (see text) farms, 2017	25	19	41	51	45	64
..... 2012	7	27	53	65	33	63
..... number, 2017	478	297	2,668	2,985	5,157	3,374
..... 2012	189	903	2,531	1,263	1,395	1,575
2017 farms by inventory:						
1 to 49.....	23	19	29	32	39	53
50 to 99.....	2	-	3	10	4	4
100 to 399.....	-	-	9	9	1	5
400 to 3,199.....	-	-	-	-	-	2
3,200 to 9,999.....	-	-	-	-	1	-
10,000 to 19,999.....	-	-	-	-	-	-
20,000 to 49,999.....	-	-	-	-	-	-
50,000 to 99,999.....	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	-
Pullets for laying flock replacement farms, 2017	8	-	13	15	7	7
..... 2012	1	4	10	4	3	5
..... number, 2017	160	-	374	668	74	170
..... 2012	(D)	60	232	40	(D)	40
Broilers and other meat-type chickens farms, 2017	9	2	2	16	9	16
..... 2012	4	-	16	7	3	6
..... number, 2017	636	(D)	(D)	655	724	610
..... 2012	144	-	1,155	235	112	174
Turkeys farms, 2017	-	8	5	7	7	13
..... 2012	2	-	4	8	-	8
..... number, 2017	-	28	25	37	143	468
..... 2012	(D)	-	44	44	-	56
Ducks, geese, and other miscellaneous poultry farms, 2017	6	2	24	22	14	25
..... 2012	2	8	24	8	13	19
NUMBER SOLD						
Any poultry sold farms, 2017	23	12	45	45	38	59
..... 2012	5	19	49	48	26	50
Layers sold (see text) farms, 2017	3	-	11	8	7	11
..... 2012	-	3	5	12	5	9
..... number, 2017	15	-	485	276	174	354
..... 2012	-	78	114	860	119	107
Pullets for laying flock replacement sold farms, 2017	6	-	-	6	-	2
..... 2012	-	-	-	-	-	2
..... number, 2017	60	-	-	162	-	(D)
..... 2012	-	-	-	-	-	(D)
Broilers and other meat-type chickens sold farms, 2017	9	4	12	11	6	14
..... 2012	2	3	21	4	8	6
..... number, 2017	636	93	1,350	1,087	704	2,862
..... 2012	(D)	180	5,848	162	640	276
2017 farms by number sold:						
1 to 1,999.....	9	4	12	11	6	14
2,000 to 59,999.....	-	-	-	-	-	-
60,000 to 99,999.....	-	-	-	-	-	-
100,000 to 199,999.....	-	-	-	-	-	-
200,000 to 499,999.....	-	-	-	-	-	-
500,000 or more.....	-	-	-	-	-	-
Turkeys sold (see text) farms, 2017	-	-	7	5	4	7
..... 2012	-	-	12	1	5	4
..... number, 2017	-	-	112	15	70	244
..... 2012	-	-	2,436	(D)	117	22
Ducks, geese, and other miscellaneous poultry sold farms, 2017	6	2	2	6	2	6
..... 2012	-	5	8	5	7	4

--continued

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
INVENTORY						
Any poultry .....farms, 2017	153	66	100	88	101	143
2012	130	69	87	86	129	178
Layers (see text) .....farms, 2017	146	64	95	74	93	137
2012	110	64	81	76	108	159
number, 2017	7,804	2,042	8,301	5,070	4,317	10,652
2012	4,888	1,683	1,692	1,829	4,574	8,686
2017 farms by inventory:						
1 to 49	108	50	75	60	69	121
50 to 99	19	9	12	2	21	13
100 to 399	17	5	6	11	2	1
400 to 3,199	2	-	2	1	1	-
3,200 to 9,999	-	-	-	-	-	2
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Pullets for laying flock replacement .....farms, 2017	35	16	11	16	15	15
2012	24	9	5	16	10	20
number, 2017	8,935	476	320	3,727	519	296
2012	1,598	257	60	183	327	2,047
Broilers and other meat-type chickens .....farms, 2017	34	7	7	27	33	23
2012	29	22	13	17	17	29
number, 2017	7,314	317	120	1,223	1,880	772
2012	1,677	1,165	630	1,785	481	969
Turkeys .....farms, 2017	8	12	6	14	29	29
2012	30	2	8	9	13	14
number, 2017	704	983	80	154	308	233
2012	1,437	(D)	31	331	78	180
Ducks, geese, and other miscellaneous poultry .....farms, 2017	11	20	33	31	47	39
2012	15	16	11	26	43	35
NUMBER SOLD						
Any poultry sold .....farms, 2017	118	46	70	45	78	86
2012	82	35	38	49	84	97
Layers sold (see text) .....farms, 2017	22	5	23	5	31	30
2012	26	8	7	12	22	29
number, 2017	2,910	402	167	93	1,571	4,815
2012	1,609	102	121	136	1,466	540
Pullets for laying flock replacement sold .....farms, 2017	12	-	2	-	-	-
2012	-	-	4	4	1	-
number, 2017	7,408	-	(D)	-	-	-
2012	-	-	38	36	(D)	-
Broilers and other meat-type chickens sold .....farms, 2017	36	7	16	17	37	19
2012	28	7	9	15	14	13
number, 2017	10,468	1,640	5,548	9,918	2,306	446
2012	4,893	720	612	1,571	768	842
2017 farms by number sold:						
1 to 1,999	36	7	16	17	37	19
2,000 to 59,999	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-
500,000 or more	-	-	-	-	-	-
Turkeys sold (see text) .....farms, 2017	7	8	5	15	24	8
2012	15	-	2	6	5	4
number, 2017	12,180	396	26	637	210	44
2012	30,835	-	(D)	282	49	138
Ducks, geese, and other miscellaneous poultry sold .....farms, 2017	4	7	11	12	19	6
2012	6	3	4	13	12	6

--continued

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
INVENTORY						
Any poultry farms, 2017	36	125	169	106	75	49
..... 2012	41	103	169	106	90	25
Layers (see text) farms, 2017	36	117	145	103	61	44
..... 2012	38	91	147	99	80	23
..... number, 2017	882	6,221	3,446	3,315	1,504	1,397
..... 2012	801	4,395	3,296	4,462	8,727	503
2017 farms by inventory:						
1 to 49.....	28	105	134	77	56	38
50 to 99.....	8	7	6	20	4	-
100 to 399.....	-	4	5	6	1	6
400 to 3,199.....	-	1	-	-	-	-
3,200 to 9,999.....	-	-	-	-	-	-
10,000 to 19,999.....	-	-	-	-	-	-
20,000 to 49,999.....	-	-	-	-	-	-
50,000 to 99,999.....	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	-
Pullets for laying flock replacement farms, 2017	-	21	12	23	22	11
..... 2012	5	16	15	15	6	4
..... number, 2017	-	410	130	404	282	726
..... 2012	93	292	166	686	(D)	69
Broilers and other meat-type chickens farms, 2017	8	23	43	16	22	8
..... 2012	9	15	30	20	11	4
..... number, 2017	105	1,494	1,871	329	486	102
..... 2012	259	537	1,549	1,153	289	94
Turkeys farms, 2017	-	23	15	9	10	6
..... 2012	-	15	21	19	6	3
..... number, 2017	-	287	162	174	(D)	38
..... 2012	-	71	(D)	202	(D)	21
Ducks, geese, and other miscellaneous poultry farms, 2017	10	51	54	32	39	15
..... 2012	5	34	52	48	20	10
NUMBER SOLD						
Any poultry sold farms, 2017	26	99	101	73	49	28
..... 2012	28	67	97	70	49	17
Layers sold (see text) farms, 2017	-	19	16	22	12	9
..... 2012	7	26	21	18	15	2
..... number, 2017	-	762	331	3,610	344	682
..... 2012	61	501	303	2,292	615	(D)
Pullets for laying flock replacement sold farms, 2017	-	2	-	-	1	6
..... 2012	-	5	-	9	-	-
..... number, 2017	-	(D)	-	-	(D)	468
..... 2012	-	260	-	246	-	-
Broilers and other meat-type chickens sold farms, 2017	6	36	25	20	28	8
..... 2012	5	15	19	22	11	1
..... number, 2017	600	2,554	1,373	608	1,021	92
..... 2012	457	5,210	2,346	1,118	3,145	(D)
2017 farms by number sold:						
1 to 1,999.....	6	36	25	20	28	8
2,000 to 59,999.....	-	-	-	-	-	-
60,000 to 99,999.....	-	-	-	-	-	-
100,000 to 199,999.....	-	-	-	-	-	-
200,000 to 499,999.....	-	-	-	-	-	-
500,000 or more.....	-	-	-	-	-	-
Turkeys sold (see text) farms, 2017	-	13	5	15	5	2
..... 2012	-	4	11	9	8	-
..... number, 2017	-	168	143	176	(D)	(D)
..... 2012	-	(D)	(D)	152	(D)	-
Ducks, geese, and other miscellaneous poultry sold farms, 2017	-	21	3	11	15	2
..... 2012	-	20	13	21	7	7

--continued

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
INVENTORY						
Any poultry .....farms, 2017	13	85	54	35	178	37
2012	12	122	57	39	157	62
Layers (see text) .....farms, 2017	8	72	51	35	157	33
2012	9	113	48	33	136	57
number, 2017	201	1,627	1,064	1,830	(D)	842
2012	214	3,875	1,776	1,221	(D)	1,995
2017 farms by inventory:						
1 to 49	7	66	49	27	116	31
50 to 99	1	2	2	4	23	2
100 to 399	-	4	-	4	14	-
400 to 3,199	-	-	-	-	-	-
3,200 to 9,999	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	1	-
50,000 to 99,999	-	-	-	-	1	-
100,000 or more	-	-	-	-	2	-
Pullets for laying flock replacement .....farms, 2017	4	6	4	4	14	4
2012	3	16	5	8	14	16
number, 2017	25	97	100	56	(D)	43
2012	38	200	64	146	(D)	899
Broilers and other meat-type chickens .....farms, 2017	2	11	13	4	27	14
2012	2	14	15	12	17	24
number, 2017	(D)	216	846	160	(D)	627
2012	(D)	348	1,248	1,323	394,733	1,063
Turkeys .....farms, 2017	2	7	6	4	19	11
2012	-	10	5	2	28	15
number, 2017	(D)	375	37	13	1,641,912	208
2012	-	184	21	(D)	1,499,422	94
Ducks, geese, and other miscellaneous poultry .....farms, 2017	7	15	11	13	47	6
2012	6	33	13	7	28	14
NUMBER SOLD						
Any poultry sold .....farms, 2017	9	57	31	27	92	32
2012	9	65	37	26	108	43
Layers sold (see text) .....farms, 2017	4	18	1	5	34	4
2012	-	7	10	3	31	3
number, 2017	69	464	(D)	747	546,187	137
2012	-	87	2,644	43	(D)	44
Pullets for laying flock replacement sold .....farms, 2017	-	-	-	-	-	-
2012	2	3	1	-	3	2
number, 2017	-	-	-	-	-	-
2012	(D)	36	(D)	-	(D)	(D)
Broilers and other meat-type chickens sold .....farms, 2017	-	20	11	11	31	10
2012	3	11	16	6	25	19
number, 2017	-	368	349	(D)	(D)	407
2012	465	15,721	2,025	(D)	1,985,020	650
2017 farms by number sold:						
1 to 1,999	-	20	11	8	29	10
2,000 to 59,999	-	-	-	3	1	-
60,000 to 99,999	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-
500,000 or more	-	-	-	-	1	-
Turkeys sold (see text) .....farms, 2017	-	14	4	5	23	7
2012	-	8	3	2	15	6
number, 2017	-	336	22	2,108	3,746,647	196
2012	-	132	10	(D)	3,571,205	74
Ducks, geese, and other miscellaneous poultry sold .....farms, 2017	-	5	-	2	11	1
2012	4	11	1	2	13	4

--continued

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
INVENTORY						
Any poultry farms, 2017	14	102	216	189	172	13
..... 2012	9	95	156	202	160	11
Layers (see text) farms, 2017	11	95	213	172	164	6
..... 2012	7	85	141	182	139	9
..... number, 2017	738	2,091	5,271	6,595	4,753	(D)
..... 2012	163	2,629	3,024	6,660	4,135	(D)
2017 farms by inventory:						
1 to 49.....	5	91	187	148	137	5
50 to 99.....	6	2	18	13	17	-
100 to 399.....	-	2	8	10	10	-
400 to 3,199.....	-	-	-	1	-	1
3,200 to 9,999.....	-	-	-	-	-	-
10,000 to 19,999.....	-	-	-	-	-	-
20,000 to 49,999.....	-	-	-	-	-	-
50,000 to 99,999.....	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	-
Pullets for laying flock replacement farms, 2017	-	15	17	37	28	-
..... 2012	-	7	15	22	18	-
..... number, 2017	-	315	294	731	602	-
..... 2012	-	254	276	5,077	396	-
Broilers and other meat-type chickens farms, 2017	-	20	58	69	38	2
..... 2012	3	19	41	56	58	3
..... number, 2017	-	338	(D)	972,127	3,327	(D)
..... 2012	75	1,110	2,035	296,696	1,875	44
Turkeys farms, 2017	-	27	36	18	33	2
..... 2012	-	11	28	23	24	-
..... number, 2017	-	214	265	167	1,012	(D)
..... 2012	-	143	445	454	210	-
Ducks, geese, and other miscellaneous poultry farms, 2017	3	27	72	30	30	5
..... 2012	3	26	43	29	55	4
NUMBER SOLD						
Any poultry sold farms, 2017	14	70	149	144	107	6
..... 2012	6	55	87	105	106	4
Layers sold (see text) farms, 2017	2	8	22	42	25	-
..... 2012	1	13	14	35	16	1
..... number, 2017	(D)	164	971	2,339	1,410	-
..... 2012	(D)	455	213	1,565	396	(D)
Pullets for laying flock replacement sold farms, 2017	-	5	6	7	-	-
..... 2012	-	2	1	3	1	-
..... number, 2017	-	50	60	110	-	-
..... 2012	-	(D)	(D)	210	(D)	-
Broilers and other meat-type chickens sold farms, 2017	6	9	56	36	24	2
..... 2012	1	14	22	33	24	2
..... number, 2017	3,600	178	2,572	5,562,544	18,943	(D)
..... 2012	(D)	726	1,437	1,544,225	1,758	(D)
2017 farms by number sold:						
1 to 1,999.....	6	9	56	18	18	2
2,000 to 59,999.....	-	-	-	1	6	-
60,000 to 99,999.....	-	-	-	-	-	-
100,000 to 199,999.....	-	-	-	6	-	-
200,000 to 499,999.....	-	-	-	10	-	-
500,000 or more.....	-	-	-	1	-	-
Turkeys sold (see text) farms, 2017	-	9	23	2	13	2
..... 2012	-	8	14	22	12	1
..... number, 2017	-	36	506	(D)	964	(D)
..... 2012	-	168	678	419	122	(D)
Ducks, geese, and other miscellaneous poultry sold farms, 2017	-	8	12	-	11	-
..... 2012	-	8	11	12	23	1

--continued

Table 19. Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
INVENTORY						
Any poultry .....farms, 2017	168	163	161	259	55	55
2012	111	174	124	218	66	68
Layers (see text) .....farms, 2017	145	151	153	233	53	50
2012	98	148	114	202	51	60
number, 2017	2,629	4,420	7,105	11,486	1,452	1,296
2012	2,143	(D)	2,740	5,786	1,269	2,097
2017 farms by inventory:						
1 to 49	133	128	129	185	49	40
50 to 99	11	16	18	22	4	10
100 to 399	1	7	3	22	-	-
400 to 3,199	-	-	3	4	-	-
3,200 to 9,999	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Pullets for laying flock replacement .....farms, 2017	21	28	24	48	6	12
2012	15	13	16	28	10	7
number, 2017	522	(D)	2,229	684	212	214
2012	273	(D)	386	751	294	284
Broilers and other meat-type chickens .....farms, 2017	46	28	37	46	15	14
2012	31	37	33	39	9	10
number, 2017	3,672	851	1,150	4,783	660	189
2012	1,520	2,016	3,567	4,688	475	170
Turkeys .....farms, 2017	34	37	30	38	11	9
2012	16	37	19	21	14	8
number, 2017	482	486	208	1,144	(D)	141
2012	111	247	(D)	418	(D)	132
Ducks, geese, and other miscellaneous poultry .....farms, 2017	39	53	65	81	29	17
2012	22	51	34	59	17	20
NUMBER SOLD						
Any poultry sold .....farms, 2017	108	101	108	187	50	34
2012	79	108	68	148	39	56
Layers sold (see text) .....farms, 2017	11	16	24	51	7	8
2012	10	28	15	45	7	7
number, 2017	276	874	2,452	2,605	175	414
2012	257	(D)	448	1,196	124	94
Pullets for laying flock replacement sold .....farms, 2017	2	2	-	7	-	-
2012	1	7	-	4	-	-
number, 2017	(D)	(D)	-	54	-	-
2012	(D)	(D)	-	132	-	-
Broilers and other meat-type chickens sold .....farms, 2017	45	33	25	56	19	7
2012	39	39	13	61	3	15
number, 2017	2,942	4,636	1,361	7,591	1,581	138
2012	2,105	3,463	(D)	8,330	(D)	592
2017 farms by number sold:						
1 to 1,999	45	33	25	56	19	7
2,000 to 59,999	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-
500,000 or more	-	-	-	-	-	-
Turkeys sold (see text) .....farms, 2017	18	26	7	40	13	-
2012	10	18	4	15	8	-
number, 2017	342	499	92	795	(D)	6
2012	123	131	(D)	568	(D)	120
Ducks, geese, and other miscellaneous poultry sold .....farms, 2017	10	14	19	19	9	7
2012	3	12	8	24	4	6

Table 20. Miscellaneous Poultry - Inventory and Number Sold: 2017 and 2012

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

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
CHUKARS				
State Total				
Michigan	2017	9,730	13	(D)
	2012	52,210	12	127,420
Counties, 2017				
Allegan.....	1	(D)	1	(D)
Cass.....	1	(D)	1	(D)
Houghton.....	1	(D)	-	-
Ionia.....	1	(D)	1	(D)
Jackson.....	3	300	-	-
Lapeer.....	3	1,050	3	2,700
Mason.....	2	(D)	-	-
Mecosta.....	2	(D)	-	-
Oceana.....	2	(D)	2	(D)
Osceola.....	2	(D)	-	-
Ottawa.....	1	(D)	-	-
Roscommon.....	3	90	-	-
St. Clair.....	1	(D)	-	-
Tuscola.....	3	21	2	(D)
Washtenaw.....	3	60	3	6
DUCKS				
State Total				
Michigan	2017	17,881	346	(D)
	2012	23,910	271	40,164
Counties, 2017				
Alger.....	5	150	5	69
Allegan.....	29	349	12	106
Alpena.....	2	(D)	-	-
Antrim.....	5	22	2	(D)
Arenac.....	2	(D)	-	-
Barry.....	15	138	12	41
Bay.....	8	39	-	-
Benzie.....	6	30	6	30
Berrien.....	17	139	3	54
Branch.....	23	153	-	-
Calhoun.....	29	319	10	127
Cass.....	15	74	6	69
Charlevoix.....	2	(D)	-	-
Cheboygan.....	17	67	1	(D)
Chippewa.....	11	71	4	24
Clare.....	14	132	10	60
Clinton.....	18	154	1	(D)
Crawford.....	12	48	6	18
Delta.....	6	120	-	-
Dickinson.....	9	26	-	-
Eaton.....	43	373	13	119
Emmet.....	5	10	-	-
Genesee.....	22	290	5	85
Gladwin.....	19	202	11	44
Gogebic.....	3	(D)	-	-
Grand Traverse.....	12	90	-	-
Gratiot.....	4	84	-	-
Hillsdale.....	16	73	11	321
Houghton.....	4	17	2	(D)
Huron.....	10	188	-	-
Ingham.....	24	196	12	106
Ionia.....	4	59	-	-
Iosco.....	9	83	-	-
Iron.....	7	54	-	-
Isabella.....	7	51	-	-
Jackson.....	16	332	9	413
Kalamazoo.....	8	92	11	79
Kalkaska.....	15	301	-	-
Kent.....	27	315	21	188
Lapeer.....	38	233	12	42
Leelanau.....	17	187	6	72
Lenawee.....	37	247	6	86
Livingston.....	36	266	7	44
Luce.....	6	12	-	-
Macomb.....	12	112	1	(D)
Manistee.....	6	54	-	-
Marquette.....	7	79	-	-
Mason.....	16	173	5	46
Mecosta.....	8	58	2	(D)
Menominee.....	9	109	3	36
Midland.....	21	208	9	61
Missaukee.....	16	252	5	128
Monroe.....	32	198	11	193
Montcalm.....	16	97	2	(D)
Muskegon.....	42	500	12	72
Newaygo.....	23	173	2	(D)
Oakland.....	16	85	4	32
Oceana.....	31	649	13	1,251
Ogemaw.....	5	31	1	(D)
Ontonagon.....	2	(D)	-	-
Osceola.....	6	88	1	(D)

--continued

Table 20. Miscellaneous Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
DUCKS - Con.				
Counties, 2017 - Con.				
Otsego	2	(D)	-	-
Ottawa	24	(D)	9	(D)
Presque Isle	4	22	1	(D)
Saginaw	12	65	1	(D)
St. Clair	37	322	7	40
St. Joseph	25	126	-	-
Sanilac	20	241	6	120
Schoolcraft	2	(D)	-	-
Shiawassee	18	116	4	12
Tuscola	39	522	9	46
Van Buren	38	308	12	58
Washtenaw	48	528	6	158
Wayne	16	170	9	27
Wexford	10	136	7	103
EMUS				
State Total				
Michigan	45	233	17	300
	2012	307	5	53
Counties, 2017				
Arenac	-	-	2	(D)
Gogebic	2	(D)	-	-
Hillsdale	3	(D)	-	-
Ingham	3	42	3	90
Ionia	2	(D)	2	(D)
Isabella	6	12	-	-
Lake	1	(D)	-	-
Lapeer	3	27	3	9
Livingston	2	(D)	-	-
Monroe	2	(D)	-	-
Montcalm	1	(D)	-	-
Muskegon	2	(D)	-	-
Oakland	2	(D)	2	(D)
Osceola	2	(D)	2	(D)
Ottawa	1	(D)	1	(D)
St. Clair	8	12	2	(D)
Sanilac	2	(D)	-	-
Tuscola	1	(D)	-	-
Wayne	2	(D)	-	-
GEESE				
State Total				
Michigan	386	2,591	81	577
	2012	3,382	80	877
Counties, 2017				
Alger	13	27	10	18
Allegan	10	65	3	24
Alpena	1	(D)	-	-
Antrim	3	7	-	-
Barry	6	80	2	(D)
Bay	4	24	6	18
Berrien	2	(D)	1	(D)
Branch	14	59	-	-
Calhoun	2	(D)	2	(D)
Cass	6	54	3	6
Charlevoix	3	16	1	(D)
Cheboygan	1	(D)	-	-
Chippewa	6	16	-	-
Clare	1	(D)	-	-
Crawford	2	(D)	-	-
Delta	4	62	-	-
Eaton	22	66	8	26
Emmet	6	72	-	-
Genesee	9	91	2	(D)
Gladwin	3	27	-	-
Gogebic	1	(D)	-	-
Gratiot	2	(D)	-	-
Hillsdale	2	(D)	3	12
Huron	7	69	3	9
Ingham	5	22	-	-
Ionia	2	(D)	-	-
Iosco	4	12	-	-
Iron	9	22	-	-
Isabella	8	28	-	-
Jackson	5	55	3	49
Kalamazoo	2	(D)	-	-
Kalkaska	2	(D)	-	-
Kent	8	36	-	-
Lapeer	6	17	2	(D)
Leelanau	10	22	6	12
Lenawee	8	30	-	-
Livingston	14	150	2	(D)
Macomb	10	41	-	-
Manistee	5	5	-	-
Marquette	2	(D)	2	(D)

--continued

Table 20. Miscellaneous Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
GEESE - Con.				
Counties, 2017 - Con.				
Mecosta	3	7	2	(D)
Menominee.....	3	30	-	-
Midland.....	6	34	2	(D)
Missaukee.....	4	30	3	30
Monroe.....	12	104	-	-
Montcalm.....	2	(D)	-	-
Montmorency.....	1	(D)	-	-
Muskegon.....	14	55	3	20
Newaygo.....	11	36	-	-
Oakland.....	3	32	-	-
Oceana.....	12	173	-	-
Ogemaw.....	3	13	1	(D)
Ottawa.....	6	49	-	-
Presque Isle.....	1	(D)	1	(D)
Saginaw.....	1	(D)	1	(D)
St. Clair.....	19	94	-	-
St. Joseph.....	1	(D)	-	-
Sanilac.....	8	24	1	(D)
Shiawassee.....	15	51	3	21
Tuscola.....	7	158	-	-
Van Buren.....	14	192	4	32
Washtenaw.....	8	70	1	(D)
Wayne.....	2	(D)	-	-
GUINEAS				
State Total				
Michigan.....	2017	3,716	92	923
	2012	3,125	67	733
Counties, 2017				
Alcona.....	2	(D)	-	-
Alger.....	1	(D)	-	-
Allegan.....	14	41	7	72
Alpena.....	1	(D)	-	-
Antrim.....	4	70	1	(D)
Baraga.....	4	55	3	60
Barry.....	6	40	6	36
Benzie.....	8	36	6	30
Berrien.....	2	(D)	-	-
Branch.....	4	48	3	7
Calhoun.....	14	100	-	-
Cass.....	7	37	4	32
Charlevoix.....	5	113	2	(D)
Cheboygan.....	6	53	2	(D)
Chippewa.....	-	-	2	(D)
Clare.....	8	12	-	-
Clinton.....	4	8	4	8
Crawford.....	2	(D)	-	-
Delta.....	1	(D)	-	-
Dickinson.....	2	(D)	-	-
Eaton.....	10	45	1	(D)
Genesee.....	14	51	-	-
Gladwin.....	6	20	-	-
Gogebic.....	3	11	1	(D)
Gratiot.....	1	(D)	-	-
Hillsdale.....	6	23	-	-
Houghton.....	10	139	4	14
Huron.....	8	97	-	-
Ingham.....	8	8	-	-
Ionia.....	2	(D)	-	-
Iosco.....	2	(D)	-	-
Iron.....	1	(D)	-	-
Isabella.....	7	24	-	-
Jackson.....	11	201	1	(D)
Kalamazoo.....	7	48	1	(D)
Kalkaska.....	2	(D)	-	-
Kent.....	4	14	2	(D)
Lake.....	2	(D)	-	-
Lapeer.....	16	110	6	38
Leelanau.....	2	(D)	-	-
Lenawee.....	17	68	-	-
Livingston.....	14	285	2	(D)
Luce.....	6	12	-	-
Macomb.....	6	30	-	-
Manistee.....	3	12	-	-
Marquette.....	2	(D)	-	-
Mason.....	7	31	-	-
Mecosta.....	2	(D)	-	-
Menominee.....	12	201	4	67
Midland.....	3	3	-	-
Missaukee.....	6	17	2	(D)
Monroe.....	8	47	-	-
Montcalm.....	15	55	2	(D)
Montmorency.....	8	122	-	-
Muskegon.....	3	43	4	32
Newaygo.....	16	120	-	-
Oakland.....	7	18	-	-
Oceana.....	11	69	6	24

--continued

Table 20. Miscellaneous Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
GUINEAS - Con.				
Counties, 2017 - Con.				
Ogemaw.....	1	(D)	1	(D)
Ontonagon.....	1	(D)	-	-
Osceola.....	2	(D)	-	-
Oscoda.....	1	(D)	-	-
Otsego.....	6	12	-	-
Ottawa.....	3	83	2	(D)
Presque Isle.....	3	36	1	(D)
Saginaw.....	9	138	-	-
St. Clair.....	21	101	-	-
St. Joseph.....	6	24	-	-
Sanilac.....	4	30	2	(D)
Schoolcraft.....	3	30	-	-
Shiawassee.....	10	31	-	-
Tuscola.....	7	88	2	(D)
Van Buren.....	11	86	5	25
Washtenaw.....	17	110	3	(D)
Wayne.....	5	20	-	-
Wexford.....	8	52	-	-
HUNGARIAN PARTRIDGE				
State Total				
Michigan.....	2017	(D)	-	-
	2012	-	1	(D)
Counties, 2017				
Osceola.....	1	(D)	-	-
OSTRICHES				
State Total				
Michigan.....	2017	5	2	(D)
	2012	9	67	-
Counties, 2017				
Ionia.....	2	(D)	2	(D)
Monroe.....	2	(D)	-	-
Wayne.....	1	(D)	-	-
PEACOCKS OR PEAHENS				
State Total				
Michigan.....	2017	269	46	495
	2012	263	43	371
Counties, 2017				
Allegan.....	8	192	6	270
Alpena.....	1	(D)	1	(D)
Antrim.....	1	(D)	-	-
Baraga.....	3	15	-	-
Barry.....	3	25	-	-
Bay.....	3	6	-	-
Berrien.....	4	10	2	(D)
Branch.....	5	43	1	(D)
Calhoun.....	18	49	1	(D)
Cass.....	-	-	3	6
Charlevoix.....	4	29	-	-
Cheboygan.....	2	(D)	2	(D)
Chippewa.....	1	(D)	1	(D)
Clinton.....	3	26	-	-
Crawford.....	2	(D)	-	-
Delta.....	1	(D)	-	-
Eaton.....	8	33	2	(D)
Genesee.....	3	(D)	-	-
Grand Traverse.....	6	12	-	-
Gratiot.....	2	(D)	-	-
Hillsdale.....	2	(D)	-	-
Houghton.....	6	24	-	-
Ingham.....	3	36	-	-
Ionia.....	7	20	1	(D)
Iosco.....	10	34	-	-
Iron.....	1	(D)	-	-
Isabella.....	9	63	-	-
Jackson.....	10	78	1	(D)
Kalamazoo.....	8	10	-	-
Kent.....	3	13	-	-
Lake.....	3	21	-	-
Lapeer.....	2	38	1	(D)
Lenawee.....	2	(D)	-	-
Livingston.....	16	73	2	(D)
Macomb.....	1	(D)	-	-
Manistee.....	6	12	6	12
Marquette.....	1	(D)	-	-
Mason.....	5	5	-	-
Menominee.....	1	(D)	-	-
Missaukee.....	2	(D)	2	(D)
Monroe.....	5	37	-	-

--continued

Table 20. Miscellaneous Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
PEACOCKS OR PEAHENS - Con.				
Counties, 2017 - Con.				
Montcalm	6	12	-	-
Muskegon	12	152	-	-
Newaygo	4	40	-	-
Oakland	2	(D)	-	-
Oceana	1	(D)	-	-
Ogemaw	1	(D)	-	-
Ontonagon	1	(D)	-	-
Osceola	3	5	-	-
Oscoda	2	(D)	-	-
Otsego	2	(D)	2	(D)
Ottawa	10	101	1	(D)
Saginaw	2	(D)	-	-
St. Clair	10	46	3	6
St. Joseph	2	(D)	-	-
Sanilac	1	(D)	1	(D)
Shiawassee	1	(D)	-	-
Tuscola	7	42	2	(D)
Van Buren	10	48	4	14
Washtenaw	5	40	1	(D)
Wexford	1	(D)	-	-
PHEASANTS				
State Total				
Michigan	2017	45,711	63	151,617
	2012	112,628	88	246,381
Counties, 2017				
Alcona	2	(D)	2	(D)
Allegan	1	(D)	-	-
Barry	8	62	-	-
Benzie	2	(D)	2	(D)
Calhoun	5	42	-	-
Cass	2	(D)	1	(D)
Chippewa	3	70	3	342
Clinton	3	30	1	(D)
Dickinson	2	(D)	-	-
Eaton	8	136	8	92
Genesee	4	154	-	-
Gladwin	1	(D)	1	(D)
Hillsdale	3	230	1	(D)
Huron	1	(D)	1	(D)
Ionia	1	(D)	1	(D)
Isabella	6	120	-	-
Jackson	8	(D)	2	(D)
Kalamazoo	-	-	6	24
Kent	5	352	3	9,200
Lapeer	3	1,600	3	(D)
Leelanau	2	(D)	2	(D)
Lenawee	-	-	2	(D)
Livingston	2	(D)	-	-
Mason	1	(D)	1	(D)
Menominee	4	81	3	30
Missaukee	2	(D)	2	(D)
Monroe	4	118	-	-
Montcalm	8	42	2	(D)
Muskegon	4	110	2	(D)
Oakland	2	(D)	-	-
Oceana	2	(D)	2	(D)
Ogemaw	1	(D)	1	(D)
Ontonagon	1	(D)	-	-
Ottawa	2	(D)	2	(D)
Presque Isle	3	54	1	(D)
Roscommon	3	60	-	-
Saginaw	4	1,506	3	28,500
St. Clair	13	159	2	(D)
Tuscola	6	256	2	(D)
Washtenaw	3	24	1	(D)
PIGEONS OR SQUAB				
State Total				
Michigan	2017	7,281	28	12,588
	2012	3,429	25	1,151
Counties, 2017				
Alger	2	(D)	-	-
Allegan	2	(D)	3	61
Antrim	2	(D)	-	-
Barry	3	27	3	27
Calhoun	1	(D)	-	-
Chippewa	1	(D)	-	-
Delta	3	39	-	-
Eaton	2	(D)	2	(D)
Hillsdale	3	60	1	(D)
Huron	1	(D)	-	-
Ingham	2	(D)	-	-
Jackson	-	-	1	(D)
Kent	2	(D)	-	-

--continued

Table 20. Miscellaneous Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
PIGEONS OR SQUAB - Con.				
Counties, 2017 - Con.				
Lapeer.....	6	5,349	6	12,012
Menominee.....	4	126	3	90
Missaukee.....	1	(D)	-	-
Monroe.....	3	51	3	18
Muskegon.....	2	(D)	-	-
Oakland.....	2	(D)	-	-
Oceana.....	3	30	-	-
Oscoda.....	8	190	-	-
Ottawa.....	4	96	1	(D)
Roscommon.....	3	300	-	-
Saginaw.....	1	(D)	-	-
St. Clair.....	7	48	-	-
Sanilac.....	2	(D)	2	(D)
Shiawassee.....	1	(D)	1	(D)
Tuscola.....	2	(D)	2	(D)
Van Buren.....	3	75	-	-
QUAIL				
State Total				
Michigan.....	2017	6,917	34	17,567
	2012	9,699	33	15,440
Counties, 2017				
Allegan.....	-	-	2	(D)
Benzie.....	-	-	2	(D)
Cass.....	1	(D)	-	-
Clare.....	6	12	-	-
Delta.....	3	21	3	90
Hillsdale.....	2	(D)	2	(D)
Ingham.....	1	(D)	1	(D)
Isabella.....	6	72	-	-
Jackson.....	3	360	-	-
Kalkaska.....	2	(D)	2	(D)
Lapeer.....	5	3,024	5	9,024
Lenawee.....	1	(D)	-	-
Livingston.....	2	(D)	-	-
Mackinac.....	2	(D)	2	(D)
Menominee.....	1	(D)	-	-
Missaukee.....	4	40	-	-
Montcalm.....	12	480	-	-
Muskegon.....	5	58	-	-
Oceana.....	2	(D)	6	56
Osceola.....	-	-	2	(D)
Ottawa.....	7	107	-	-
Roscommon.....	3	900	-	-
Saginaw.....	5	148	3	21
Tuscola.....	2	(D)	2	(D)
Washtenaw.....	4	32	2	(D)
RHEAS				
State Total				
Michigan.....	2017	-	-	-
	2012	4	15	-
ROOSTERS				
State Total				
Michigan.....	2017	824	203	7,293
	2012	279	64	4,896
Counties, 2017				
Alcona.....	2	(D)	-	-
Alger.....	5	12	3	3
Allegan.....	21	336	3	150
Alpena.....	8	114	2	(D)
Antrim.....	2	(D)	-	-
Baraga.....	5	49	3	60
Barry.....	15	51	7	11
Benzie.....	6	12	6	18
Berrien.....	9	18	4	32
Branch.....	14	95	-	-
Calhoun.....	8	40	1	(D)
Cass.....	32	95	4	(D)
Charlevoix.....	2	(D)	-	-
Cheboygan.....	8	12	1	(D)
Chippewa.....	12	92	8	24
Clare.....	10	115	4	4
Clinton.....	3	9	-	-
Delta.....	12	102	6	12
Dickinson.....	6	18	-	-
Eaton.....	17	44	2	(D)
Emmet.....	3	17	-	-
Genesee.....	18	55	2	(D)
Gladwin.....	10	55	6	29
Gogebic.....	3	3	-	-
Grand Traverse.....	4	12	-	-

--continued

Table 20. Miscellaneous Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Geographic area	Inventory		Sold		
	Farms	Number	Farms	Number	
ROOSTERS - Con.					
Counties, 2017 - Con.					
Gratiot.....	6	66	-	-	
Hillsdale.....	7	39	2	(D)	
Houghton.....	9	30	2	(D)	
Huron.....	5	85	3	3	
Ingham.....	36	1,140	5	(D)	
Ionia.....	13	65	-	-	
Iron.....	5	15	-	-	
Isabella.....	14	76	8	438	
Jackson.....	18	78	15	95	
Kalamazoo.....	17	34	1	(D)	
Kalkaska.....	5	15	1	(D)	
Kent.....	28	145	11	27	
Lake.....	2	(D)	-	-	
Lapeer.....	17	56	3	8	
Leelanau.....	10	63	6	30	
Lenawee.....	16	57	-	-	
Livingston.....	14	48	4	8	
Luce.....	6	30	6	24	
Macomb.....	6	21	1	(D)	
Manistee.....	8	112	6	90	
Marquette.....	8	11	-	-	
Mason.....	12	46	-	-	
Mecosta.....	6	27	2	(D)	
Menominee.....	5	19	-	-	
Midland.....	11	42	-	-	
Missaukee.....	14	26	7	14	
Monroe.....	15	95	8	58	
Montcalm.....	11	21	2	(D)	
Montmorency.....	1	(D)	-	-	
Muskegon.....	4	14	4	46	
Newaygo.....	15	69	1	(D)	
Oakland.....	21	62	7	23	
Oceana.....	8	16	-	-	
Ogemaw.....	10	27	1	(D)	
Ontonagon.....	2	(D)	-	-	
Osceola.....	2	(D)	-	-	
Otsego.....	3	9	-	-	
Ottawa.....	28	119	5	92	
Presque Isle.....	2	(D)	-	-	
Saginaw.....	8	56	-	-	
St. Clair.....	40	117	-	-	
St. Joseph.....	9	30	-	-	
Sanilac.....	7	12	-	-	
Shiawassee.....	17	35	2	(D)	
Tuscola.....	11	90	5	32	
Van Buren.....	21	97	12	118	
Washtenaw.....	30	107	9	99	
Wayne.....	14	42	2	(D)	
Wexford.....	12	38	-	-	
OTHER POULTRY (SEE TEXT)					
State Total					
Michigan.....	2017	47	839	1	(D)
	2012	74	2,788	13	272
Counties, 2017					
Allegan.....	2	(D)	-	-	
Barry.....	6	48	-	-	
Cheboygan.....	6	6	-	-	
Chippewa.....	1	(D)	1	(D)	
Clare.....	6	24	-	-	
Genesee.....	2	(D)	-	-	
Gratiot.....	2	(D)	-	-	
Hillsdale.....	1	(D)	-	-	
Kalkaska.....	2	(D)	-	-	
Lapeer.....	6	18	-	-	
Monroe.....	2	(D)	-	-	
Montcalm.....	4	20	-	-	
Muskegon.....	2	(D)	-	-	
Shiawassee.....	4	19	-	-	
Tuscola.....	1	(D)	-	-	
POULTRY HATCHED (SEE TEXT)					
State Total					
Michigan.....	2017	(X)	(X)	1,083	(D)
	2012	(X)	(X)	773	(D)
Counties, 2017					
Alcona.....	(X)	(X)	7	1,348	
Alger.....	(X)	(X)	10	380	
Allegan.....	(X)	(X)	28	(D)	
Alpena.....	(X)	(X)	3	87	
Antrim.....	(X)	(X)	4	12	
Arenac.....	(X)	(X)	3	58	
Baraga.....	(X)	(X)	5	6,012	
Barry.....	(X)	(X)	16	262	
Bay.....	(X)	(X)	11	97	

--continued

Table 20. Miscellaneous Poultry - Inventory and Number Sold: 2017 and 2012 (continued)

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

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
POULTRY HATCHED (SEE TEXT) - Con.				
Counties, 2017 - Con.				
Benzie	(X)	(X)	4	84
Berrien	(X)	(X)	15	352
Branch	(X)	(X)	7	100
Calhoun	(X)	(X)	21	831
Cass	(X)	(X)	7	(D)
Charlevoix	(X)	(X)	11	361
Cheboygan	(X)	(X)	9	204
Chippewa	(X)	(X)	14	1,164
Clare	(X)	(X)	14	258
Clinton	(X)	(X)	11	139
Crawford	(X)	(X)	2	(D)
Delta	(X)	(X)	14	363
Dickinson	(X)	(X)	8	88
Eaton	(X)	(X)	29	913
Emmet	(X)	(X)	6	63
Genesee	(X)	(X)	18	308
Gladwin	(X)	(X)	7	80
Gogebic	(X)	(X)	1	(D)
Grand Traverse	(X)	(X)	6	22
Gratiot	(X)	(X)	3	1,012
Hillsdale	(X)	(X)	18	3,646
Houghton	(X)	(X)	10	790
Huron	(X)	(X)	14	574
Ingham	(X)	(X)	31	973
Ionia	(X)	(X)	15	381
Iosco	(X)	(X)	3	108
Iron	(X)	(X)	2	(D)
Isabella	(X)	(X)	13	4,300
Jackson	(X)	(X)	24	5,562
Kalamazoo	(X)	(X)	19	258
Kalkaska	(X)	(X)	12	160
Kent	(X)	(X)	25	483
Lake	(X)	(X)	1	(D)
Lapeer	(X)	(X)	38	1,323
Leelanau	(X)	(X)	12	168
Lenawee	(X)	(X)	7	390
Livingston	(X)	(X)	31	917
Mackinac	(X)	(X)	2	(D)
Macomb	(X)	(X)	4	319
Manistee	(X)	(X)	15	565
Marquette	(X)	(X)	11	184
Mason	(X)	(X)	12	514
Mecosta	(X)	(X)	20	211
Menominee	(X)	(X)	7	1,360
Midland	(X)	(X)	3	(D)
Missaukee	(X)	(X)	13	704
Monroe	(X)	(X)	22	498
Montcalm	(X)	(X)	25	1,051
Muskegon	(X)	(X)	28	893
Newaygo	(X)	(X)	35	507
Oakland	(X)	(X)	19	796
Oceana	(X)	(X)	27	1,493
Ogemaw	(X)	(X)	3	71
Ononagon	(X)	(X)	2	(D)
Osceola	(X)	(X)	6	5,124
Oscoda	(X)	(X)	6	44
Ottawa	(X)	(X)	33	(D)
Saginaw	(X)	(X)	27	12,618
St. Clair	(X)	(X)	36	1,038
St. Joseph	(X)	(X)	15	185
Sanilac	(X)	(X)	13	96
Schoolcraft	(X)	(X)	2	(D)
Shiawassee	(X)	(X)	21	397
Tuscola	(X)	(X)	20	1,460
Van Buren	(X)	(X)	24	267
Washtenaw	(X)	(X)	37	4,548
Wayne	(X)	(X)	15	211
Wexford	(X)	(X)	11	84

Table 21. Colonies of Honey Bees - Inventory and Honey Sales: 2017 and 2012

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

Geographic area	Colonies inventory (see text)		Honey collected ¹		Honey sales	
	Farms	Number	Farms	Pounds	Farms	Value (\$1,000)
State Total						
Michigan .....2017	1,756	37,957	1,232	4,591,286	895	10,137
.....2012	1,151	78,995	737	3,973,247	575	6,874
Counties, 2017						
Alcona.....	5	6	6	229,990	5	511
Alger.....	15	35	13	1,710	12	2
Allegan.....	35	214	22	94,643	18	204
Alpena.....	15	31	9	445	5	1
Antrim.....	10	(D)	5	(D)	3	(D)
Arenac.....	6	115	-	-	-	-
Baraga.....	3	39	2	(D)	2	(D)
Barry.....	42	418	19	8,162	18	41
Bay.....	9	189	5	8,250	5	21
Benzie.....	10	264	8	(D)	8	(D)
Berrien.....	43	377	36	49,597	21	103
Branch.....	24	33	11	(D)	4	(D)
Calhoun.....	38	424	16	6,955	13	14
Cass.....	20	(D)	10	176,645	6	420
Charlevoix.....	13	19	7	655	3	(Z)
Cheboygan.....	1	(D)	-	-	-	-
Chippewa.....	19	61	14	2,219	10	7
Clare.....	13	55	7	3,270	4	6
Clinton.....	40	461	26	12,967	18	29
Crawford.....	4	(D)	1	(D)	1	(D)
Delta.....	11	62	11	1,574	10	6
Dickinson.....	12	98	11	3,104	9	11
Eaton.....	42	181	27	7,443	19	19
Emmet.....	14	69	9	4,018	4	27
Genesee.....	43	1,861	43	153,728	19	207
Gladwin.....	10	70	6	1,618	2	(D)
Gogebic.....	5	28	5	1,056	5	5
Grand Traverse.....	18	233	11	(D)	9	(D)
Gratiot.....	4	271	3	12,392	3	40
Hillsdale.....	31	423	30	31,186	19	82
Houghton.....	7	22	7	1,030	5	3
Huron.....	9	(D)	7	(D)	6	(D)
Ingham.....	40	354	32	7,089	23	20
Ionia.....	19	175	11	4,900	9	10
Iosco.....	18	124	6	5,020	4	7
Iron.....	1	(D)	1	(D)	1	(D)
Isabella.....	26	140	18	(D)	14	(D)
Jackson.....	57	725	31	28,884	21	87
Kalamazoo.....	24	682	23	181,087	12	432
Kalkaska.....	13	45	9	624	4	1
Kent.....	59	4,067	39	259,260	27	509
Lake.....	3	33	5	1,605	2	(D)
Lapeer.....	47	251	40	15,122	25	35
Leelanau.....	27	6,182	17	155,695	17	404
Lenawee.....	37	549	24	89,936	22	100
Livingston.....	41	325	33	57,807	21	159
Luce.....	12	-	-	-	-	-
Mackinac.....	5	13	2	(D)	2	(D)
Macomb.....	18	187	11	5,780	7	17
Manistee.....	7	(D)	13	(D)	13	(D)
Marquette.....	20	81	15	1,749	6	3
Mason.....	25	746	18	34,321	17	82
Mecosta.....	24	(D)	24	(D)	22	(D)
Menominee.....	10	25	8	1,060	8	3
Midland.....	29	314	12	10,831	6	46
Missaukee.....	15	1,675	12	76,860	10	190
Monroe.....	51	254	26	5,342	19	8
Montcalm.....	26	567	34	398,483	26	964
Muskegon.....	20	134	20	1,642	7	3
Newaygo.....	27	164	11	(D)	6	(D)
Oakland.....	25	133	15	18,265	13	47
Oceana.....	9	66	7	7,185	6	(D)
Ogemaw.....	11	102	12	3,190	9	11
Ontonagon.....	9	21	8	2,325	8	(D)
Osceola.....	4	42	4	4,490	4	5
Oscoda.....	4	93	4	4,124	3	(D)
Otsego.....	12	62	6	3,950	4	12
Ottawa.....	31	206	17	8,845	12	31
Presque Isle.....	6	137	6	2,995	6	7
Roscommon.....	4	8	1	(D)	1	(D)
Saginaw.....	25	1,137	15	(D)	8	(D)
St. Clair.....	39	195	34	6,920	20	16
St. Joseph.....	19	141	14	4,513	14	11
Sanilac.....	53	3,362	28	296,655	28	568
Schoolcraft.....	1	(D)	1	(D)	1	(D)
Shiawassee.....	21	134	16	3,068	8	6
Tuscola.....	26	290	20	12,460	13	29
Van Buren.....	33	116	21	(D)	16	(D)
Washtenaw.....	117	978	85	34,907	71	87
Wayne.....	39	2,403	32	67,308	30	166
Wexford.....	2	(D)	4	207,605	3	485

¹ Data are for farms with production, not necessarily sold.

Table 22. Aquaculture Sales: 2017 and 2012

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

Geographic area	Farms with aquaculture sold	Value (\$1,000)	Geographic area	Farms with aquaculture sold	Value (\$1,000)
CATFISH			BAITFISH - Con.		
State Total			Counties, 2017		
Michigan.....2017	4	(D)	Emmet.....	1	(D)
.....2012	8	92	Macomb.....	1	(D)
Counties, 2017			Newaygo.....	1	(D)
Cass.....	1	(D)	St. Clair.....	1	(D)
Marquette.....	1	(D)	CRUSTACEANS		
Newaygo.....	1	(D)	State Total		
Washtenaw.....	1	(D)	Michigan.....2017	-	-
TROUT			.....2012	1	(D)
State Total			ORNAMENTAL FISH		
Michigan.....2017	32	6,359	State Total		
.....2012	27	1,733	Michigan.....2017	4	36
Counties, 2017			.....2012	9	29
Alcona.....	3	145	Counties, 2017		
Antrim.....	7	(D)	Kalkaska.....	2	(D)
Baraga.....	1	(D)	Kent.....	1	(D)
Chippewa.....	1	(D)	Newaygo.....	1	(D)
Emmet.....	1	(D)	SPORT OR GAME FISH		
Gogebic.....	2	(D)	State Total		
Iosco.....	1	(D)	Michigan.....2017	13	1,905
Jackson.....	1	(D)	.....2012	14	784
Kent.....	1	(D)	Counties, 2017		
Lake.....	1	(D)	Alcona.....	1	(D)
Marquette.....	2	(D)	Cass.....	1	(D)
Midland.....	1	(D)	Chippewa.....	5	872
Montcalm.....	1	(D)	Delta.....	1	(D)
Muskegon.....	1	(D)	Emmet.....	1	(D)
Newaygo.....	3	9	Gogebic.....	1	(D)
Schoolcraft.....	1	(D)	Ionia.....	1	(D)
Van Buren.....	1	(D)	Newaygo.....	1	(D)
Washtenaw.....	1	(D)	Van Buren.....	1	(D)
Wexford.....	2	(D)	OTHER AQUACULTURE PRODUCTS (SEE TEXT)		
OTHER FOOD FISH (SEE TEXT)			State Total		
State Total			Michigan.....2017	1	(D)
Michigan.....2017	10	51	.....2012	7	(D)
.....2012	12	(D)	Counties, 2017		
Counties, 2017			Washtenaw.....	1	(D)
Hillsdale.....	2	(D)			
Kalkaska.....	2	(D)			
Lapeer.....	1	(D)			
Mackinac.....	1	(D)			
Muskegon.....	1	(D)			
Shiawassee.....	1	(D)			
Wayne.....	2	(D)			
BAITFISH					
State Total					
Michigan.....2017	4	330			
.....2012	9	(D)			

Table 23. Miscellaneous Livestock and Animal Specialties - Inventory and Sales: 2017 and 2012

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

Geographic area	Inventory		Sales		Value (\$1,000)	
	Farms	Number	Farms	Number		
ALPACAS						
State Total						
Michigan	2017	303	3,220	54	292	425
	2012	360	4,811	87	513	595
Counties, 2017						
Allegan.....		2	(D)	-	-	-
Arenac.....		6	12	-	-	-
Barry.....		11	181	2	(D)	(D)
Bay.....		5	33	-	-	-
Benzie.....		4	100	1	(D)	(D)
Berrien.....		7	39	-	-	-
Branch.....		1	(D)	-	-	-
Calhoun.....		2	(D)	1	(D)	(D)
Cass.....		1	(D)	1	(D)	(D)
Charlevoix.....		1	(D)	2	(D)	(D)
Cheboygan.....		3	28	-	-	-
Clare.....		2	(D)	-	-	-
Clinton.....		6	117	-	-	-
Crawford.....		3	3	-	-	-
Dickinson.....		3	72	-	-	-
Eaton.....		14	36	-	-	-
Emmet.....		4	16	1	(D)	(D)
Genesee.....		5	145	2	(D)	(D)
Grand Traverse.....		10	32	-	-	-
Gratiot.....		1	(D)	1	(D)	(D)
Hillsdale.....		6	6	-	-	-
Houghton.....		2	(D)	1	(D)	(D)
Ingham.....		10	224	4	16	24
Ionia.....		2	(D)	-	-	-
Iosco.....		1	(D)	-	-	-
Iron.....		2	(D)	-	-	-
Isabella.....		4	30	1	(D)	(D)
Jackson.....		2	(D)	1	(D)	(D)
Kalamazoo.....		7	87	3	32	78
Kent.....		1	(D)	-	-	-
Lapeer.....		8	75	-	-	-
Leelanau.....		6	59	-	-	-
Lenawee.....		2	(D)	2	(D)	(D)
Livingston.....		19	184	3	20	(D)
Luce.....		6	6	-	-	-
Macomb.....		1	(D)	-	-	-
Marquette.....		3	26	-	-	-
Mecosta.....		6	35	-	-	-
Monroe.....		2	(D)	-	-	-
Montcalm.....		18	164	-	-	-
Muskegon.....		1	(D)	1	(D)	(D)
Newaygo.....		7	29	2	(D)	(D)
Oakland.....		16	180	5	39	24
Oceana.....		2	(D)	1	(D)	(D)
Ogemaw.....		3	(D)	1	(D)	(D)
Ontonagon.....		1	(D)	-	-	-
Osceola.....		7	184	5	36	31
Otsego.....		2	(D)	-	-	-
Ottawa.....		4	109	1	(D)	(D)
Presque Isle.....		3	15	3	6	15
Saginaw.....		3	24	-	-	-
St. Clair.....		8	76	1	(D)	(D)
Sanilac.....		11	49	-	-	-
Shiawassee.....		12	43	2	(D)	(D)
Tuscola.....		3	55	2	(D)	(D)
Van Buren.....		3	115	1	(D)	(D)
Washtenaw.....		8	20	2	(D)	(D)
Wayne.....		5	15	-	-	-
Wexford.....		5	27	1	(D)	(D)
BISON						
State Total						
Michigan	2017	68	2,722	47	985	1,850
	2012	89	1,901	44	493	871
Counties, 2017						
Barry.....		2	(D)	2	(D)	(D)
Branch.....		1	(D)	1	(D)	(D)
Cass.....		6	30	6	12	15
Chippewa.....		1	(D)	1	(D)	(D)
Clinton.....		1	(D)	1	(D)	(D)
Genesee.....		1	(D)	1	(D)	(D)
Gladwin.....		1	(D)	1	(D)	(D)
Grand Traverse.....		3	870	3	381	762
Hillsdale.....		2	(D)	-	-	-
Ionia.....		4	92	3	(D)	(D)
Jackson.....		2	(D)	2	(D)	(D)
Kalkaska.....		4	10	-	-	-
Lapeer.....		2	(D)	-	-	-
Leelanau.....		1	(D)	-	-	-
Livingston.....		1	(D)	-	-	-
Marquette.....		5	220	4	184	372
Mason.....		1	(D)	-	-	-

See footnote(s) at end of table.

--continued

Table 23. Miscellaneous Livestock and Animal Specialties - Inventory and Sales: 2017 and 2012 (continued)

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

Geographic area	Inventory		Sales		Value (\$1,000)	
	Farms	Number	Farms	Number		
BISON - Con.						
Counties, 2017 - Con.						
Menominee	1	(D)	-	-	-	
Monroe	3	27	-	-	-	
Muskegon	2	(D)	-	-	-	
Oakland	2	(D)	2	(D)	(D)	
Oceana	2	(D)	2	(D)	(D)	
Ontonagon	2	(D)	2	(D)	(D)	
Ottawa	2	(D)	2	(D)	(D)	
Presque Isle	3	190	3	24	38	
Saginaw	1	(D)	1	(D)	(D)	
St. Clair	1	(D)	1	(D)	(D)	
Sanilac	1	(D)	1	(D)	(D)	
Tuscola	1	(D)	1	(D)	(D)	
Van Buren	1	(D)	1	(D)	(D)	
Washtenaw	7	130	7	64	103	
Wexford	1	(D)	1	(D)	(D)	
DEER IN CAPTIVITY						
State Total						
Michigan	2017	137	15,071	84	2,316	6,250
	2012	199	14,658	75	2,293	3,217
Counties, 2017						
Alpena	2	(D)	-	-	-	
Antrim	1	(D)	1	(D)	(D)	
Arenac	1	(D)	-	-	-	
Bay	1	(D)	1	(D)	(D)	
Calhoun	1	(D)	-	-	-	
Cass	1	(D)	1	(D)	(D)	
Clare	2	(D)	2	(D)	(D)	
Dickinson	1	(D)	-	-	-	
Genesee	9	1,536	7	448	884	
Gladwin	2	(D)	1	(D)	(D)	
Grand Traverse	2	(D)	-	-	-	
Hillsdale	1	(D)	1	(D)	(D)	
Huron	4	404	3	101	182	
Ionia	2	(D)	-	-	-	
Isabella	7	284	1	(D)	(D)	
Kalamazoo	-	-	2	(D)	(D)	
Kalkaska	3	100	2	(D)	(D)	
Kent	5	392	5	178	326	
Lapeer	1	(D)	1	(D)	(D)	
Leelanau	1	(D)	-	-	-	
Lenawee	2	(D)	1	(D)	(D)	
Livingston	2	(D)	2	(D)	(D)	
Mackinac	1	(D)	-	-	-	
Macomb	1	(D)	1	(D)	(D)	
Manistee	2	(D)	-	-	-	
Marquette	6	1,023	4	91	91	
Mason	1	(D)	1	(D)	(D)	
Mecosta	3	690	2	(D)	(D)	
Missaukee	1	(D)	1	(D)	(D)	
Monroe	2	(D)	2	(D)	(D)	
Montcalm	5	129	4	(D)	(D)	
Montmorency	4	336	2	(D)	(D)	
Muskegon	6	1,911	6	207	361	
Newaygo	10	1,312	5	(D)	(D)	
Oceana	4	581	1	(D)	(D)	
Ogemaw	2	(D)	1	(D)	(D)	
Ontonagon	2	(D)	1	(D)	(D)	
Osceola	5	1,312	3	80	94	
Oscoda	1	(D)	-	-	-	
Otsego	4	475	3	(D)	(D)	
Ottawa	3	50	2	(D)	(D)	
Presque Isle	4	773	3	40	(D)	
Roscommon	1	(D)	1	(D)	(D)	
Saginaw	1	(D)	-	-	-	
St. Clair	4	134	2	(D)	(D)	
St. Joseph	3	71	2	(D)	(D)	
Sanilac	3	349	1	(D)	(D)	
Schoolcraft	1	(D)	1	(D)	(D)	
Tuscola	2	(D)	2	(D)	(D)	
Wayne	2	(D)	-	-	-	
Wexford	2	(D)	2	(D)	(D)	
ELK IN CAPTIVITY						
State Total						
Michigan	2017	41	1,771	23	342	745
	2012	43	1,170	25	199	418
Counties, 2017						
Allegan	-	-	1	(D)	(D)	
Antrim	3	134	3	14	17	
Barry	1	(D)	1	(D)	(D)	
Bay	2	(D)	1	(D)	(D)	
Genesee	1	(D)	1	(D)	(D)	
Hillsdale	1	(D)	-	-	-	

See footnote(s) at end of table.

--continued

Table 23. Miscellaneous Livestock and Animal Specialties - Inventory and Sales: 2017 and 2012 (continued)

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

Geographic area	Inventory		Sales		Value (\$1,000)
	Farms	Number	Farms	Number	
ELK IN CAPTIVITY - Con.					
Counties, 2017 - Con.					
Huron.....	1	(D)	-	-	-
Isabella.....	1	(D)	-	-	-
Kent.....	2	(D)	1	(D)	(D)
Lapeer.....	1	(D)	-	-	-
Leelanau.....	1	(D)	-	-	-
Livingston.....	1	(D)	-	-	-
Marquette.....	3	450	3	66	132
Menominee.....	1	(D)	1	(D)	(D)
Missaukee.....	1	(D)	1	(D)	(D)
Monroe.....	2	(D)	-	-	-
Montcalm.....	1	(D)	1	(D)	(D)
Montmorency.....	1	(D)	-	-	-
Oceana.....	1	(D)	-	-	-
Ogemaw.....	2	(D)	2	(D)	(D)
Ontonagon.....	2	(D)	1	(D)	(D)
Oscoda.....	1	(D)	-	-	-
Otsego.....	2	(D)	1	(D)	(D)
Presque Isle.....	2	(D)	1	(D)	(D)
Roscommon.....	1	(D)	1	(D)	(D)
Sanilac.....	2	(D)	1	(D)	(D)
Schoolcraft.....	1	(D)	-	-	-
Tuscola.....	2	(D)	1	(D)	(D)
Wexford.....	1	(D)	1	(D)	(D)
LLAMAS					
State Total					
Michigan.....	204	789	20	67	57
	2012	462	2,338	47	143
Counties, 2017					
Allegan.....	7	16	-	-	-
Alpena.....	1	(D)	-	-	-
Antrim.....	3	4	-	-	-
Barry.....	1	(D)	-	-	-
Benzie.....	5	7	-	-	-
Berrien.....	1	(D)	-	-	-
Branch.....	2	(D)	-	-	-
Calhoun.....	3	(D)	-	-	-
Cass.....	3	9	-	-	-
Charlevoix.....	2	(D)	-	-	-
Cheboygan.....	4	(D)	-	-	-
Clare.....	2	(D)	-	-	-
Crawford.....	1	(D)	-	-	-
Eaton.....	6	17	-	-	-
Emmet.....	2	(D)	-	(D)	(D)
Genesee.....	7	17	5	7	7
Gogebic.....	2	(D)	-	-	-
Grand Traverse.....	7	14	-	-	-
Hillsdale.....	6	(D)	-	-	-
Houghton.....	4	5	1	(D)	(D)
Ingham.....	7	19	1	(D)	(D)
Ionia.....	1	(D)	-	-	-
Iosco.....	2	(D)	-	-	-
Jackson.....	3	6	-	-	-
Kalamazoo.....	3	6	-	-	-
Kent.....	4	10	-	-	-
Lake.....	1	(D)	-	-	-
Lapeer.....	2	(D)	2	(D)	(D)
Leelanau.....	3	(D)	-	-	-
Lenawee.....	6	80	2	(D)	(D)
Livingston.....	12	75	-	-	-
Marquette.....	1	(D)	-	-	-
Mason.....	4	12	-	-	-
Mecosta.....	3	36	-	-	-
Menominee.....	3	9	-	-	-
Midland.....	3	6	-	-	-
Missaukee.....	1	(D)	-	-	-
Monroe.....	5	64	1	(D)	(D)
Montcalm.....	10	26	-	-	-
Muskegon.....	3	13	-	-	-
Newaygo.....	5	15	-	-	-
Oakland.....	3	13	3	(D)	1
Oceana.....	1	(D)	-	-	-
Ogemaw.....	4	8	1	(D)	(D)
Ontonagon.....	1	(D)	-	-	-
Osceola.....	2	(D)	-	-	-
Oscoda.....	3	7	-	-	-
Otsego.....	2	(D)	-	-	-
Ottawa.....	1	(D)	-	-	-
Presque Isle.....	5	8	3	(D)	3
Saginaw.....	7	21	-	-	-
St. Clair.....	7	13	-	-	-
St. Joseph.....	1	(D)	-	-	-
Shiawassee.....	2	(D)	-	-	-
Tuscola.....	2	(D)	-	-	-
Washtenaw.....	11	38	-	-	-
Wexford.....	1	(D)	-	-	-

See footnote(s) at end of table.

--continued

Table 23. Miscellaneous Livestock and Animal Specialties - Inventory and Sales: 2017 and 2012 (continued)

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

Geographic area	Inventory		Sales		Value (\$1,000)	
	Farms	Number	Farms	Number		
RABBITS, LIVE (SEE TEXT)						
State Total						
Michigan.....	2017	413	22,837	200	34,096	542
	2012	740	27,193	255	45,077	(D)
Counties, 2017						
Allegan		4	(D)	5	134	1
Alpena		3	45	-	-	-
Antrim		4	57	1	(D)	(D)
Baraga		2	(D)	2	(D)	(D)
Barry		6	71	-	-	-
Bay		4	32	-	-	-
Benzie		2	(D)	-	-	-
Berrien		5	29	-	-	-
Branch		5	50	5	25	(Z)
Calhoun.....		8	680	9	1,232	9
Cass		3	45	5	20	1
Charlevoix.....		2	(D)	2	(D)	(D)
Cheboygan.....		9	64	-	-	-
Chippewa		4	26	2	(D)	(D)
Clare		6	54	-	-	-
Crawford		1	(D)	-	-	-
Delta		3	30	1	(D)	(D)
Dickinson		2	(D)	-	-	-
Eaton.....		15	308	9	77	1
Emmet.....		1	(D)	1	(D)	(D)
Genesee		2	(D)	-	-	-
Gratiot		4	97	4	(D)	(D)
Hillsdale		11	557	4	672	6
Houghton		4	128	-	-	-
Huron		4	18	2	(D)	(D)
Ingham		11	74	10	66	1
Ionia		10	74	4	100	1
Jackson.....		19	523	10	994	8
Kalamazoo		10	(D)	4	(D)	(D)
Kalkaska		5	32	-	-	-
Kent.....		8	(D)	1	(D)	(D)
Lapeer.....		13	1,587	13	1,233	22
Lenawee		3	18	2	(D)	(D)
Livingston.....		4	8	-	-	-
Luce		3	15	-	-	-
Macomb		2	(D)	1	(D)	(D)
Manistee		12	30	12	12	(Z)
Marquette		3	35	-	-	-
Mason		2	(D)	-	-	-
Mecosta		21	309	12	293	6
Menominee		6	33	-	-	-
Midland		5	62	4	296	2
Missaukee		3	902	3	4,812	57
Monroe		18	175	6	64	(Z)
Montcalm		16	380	10	112	2
Muskegon		3	18	-	-	-
Newaygo		18	212	5	65	1
Oakland.....		4	17	1	(D)	(D)
Oceana		3	6	-	-	-
Ogemaw.....		1	(D)	-	-	-
Ontonagon		5	15	-	-	-
Osceola.....		2	(D)	2	(D)	(D)
Oscoda.....		2	(D)	-	-	-
Otsego		2	(D)	2	(D)	(D)
Ottawa		5	8	-	-	-
Presque Isle.....		3	9	3	24	(Z)
Saginaw		1	(D)	-	-	-
St. Clair		2	(D)	-	-	-
St. Joseph.....		12	106	12	67	1
Sanilac		9	167	2	(D)	(D)
Shiawassee.....		4	(D)	1	(D)	(D)
Tuscola		14	81	6	55	(Z)
Van Buren		6	108	4	250	1
Washtenaw		15	539	12	227	7
Wayne		2	(D)	-	-	-
Wexford.....		12	78	6	36	(Z)
EQUINE PRODUCTS (SEE TEXT)						
State Total						
Michigan.....	2017	(NA)	(NA)	248	(X)	1,374
	2012	(NA)	(NA)	(NA)	(X)	(NA)
Counties, 2017						
Allegan		(NA)	(NA)	12	(X)	61
Alpena		(NA)	(NA)	2	(X)	(D)
Barry		(NA)	(NA)	1	(X)	(D)
Bay		(NA)	(NA)	7	(X)	32
Benzie		(NA)	(NA)	3	(X)	(D)
Berrien		(NA)	(NA)	1	(X)	(D)
Branch		(NA)	(NA)	7	(X)	66
Calhoun.....		(NA)	(NA)	1	(X)	(D)
Cass		(NA)	(NA)	5	(X)	5
Charlevoix.....		(NA)	(NA)	2	(X)	(D)

See footnote(s) at end of table.

--continued

Table 23. Miscellaneous Livestock and Animal Specialties - Inventory and Sales: 2017 and 2012 (continued)

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

Geographic area	Inventory		Sales		Value (\$1,000)
	Farms	Number	Farms	Number	
EQUINE PRODUCTS (SEE TEXT) - Con.					
Counties, 2017 - Con.					
Cheboygan	(NA)	(NA)	1	(X)	(D)
Chippewa	(NA)	(NA)	1	(X)	(D)
Clare	(NA)	(NA)	11	(X)	36
Clinton	(NA)	(NA)	3	(X)	8
Crawford	(NA)	(NA)	1	(X)	(D)
Eaton	(NA)	(NA)	9	(X)	9
Genesee	(NA)	(NA)	2	(X)	(D)
Gladwin	(NA)	(NA)	1	(X)	(D)
Grand Traverse	(NA)	(NA)	2	(X)	(D)
Gratiot	(NA)	(NA)	1	(X)	(D)
Hillsdale	(NA)	(NA)	3	(X)	1
Ingham	(NA)	(NA)	5	(X)	37
Iron	(NA)	(NA)	1	(X)	(D)
Isabella	(NA)	(NA)	1	(X)	(D)
Jackson	(NA)	(NA)	9	(X)	8
Kalamazoo	(NA)	(NA)	7	(X)	24
Kent	(NA)	(NA)	6	(X)	42
Lapeer	(NA)	(NA)	11	(X)	(D)
Lenawee	(NA)	(NA)	6	(X)	10
Livingston	(NA)	(NA)	4	(X)	71
Mackinac	(NA)	(NA)	3	(X)	9
Macomb	(NA)	(NA)	7	(X)	155
Mason	(NA)	(NA)	4	(X)	11
Mecosta	(NA)	(NA)	14	(X)	15
Menominee	(NA)	(NA)	2	(X)	(D)
Monroe	(NA)	(NA)	1	(X)	(D)
Montcalm	(NA)	(NA)	12	(X)	13
Muskegon	(NA)	(NA)	5	(X)	5
Newaygo	(NA)	(NA)	5	(X)	(D)
Oakland	(NA)	(NA)	5	(X)	(D)
Oceana	(NA)	(NA)	1	(X)	(D)
Oscoda	(NA)	(NA)	3	(X)	8
Otsego	(NA)	(NA)	2	(X)	(D)
Ottawa	(NA)	(NA)	8	(X)	7
Presque Isle	(NA)	(NA)	1	(X)	(D)
Saginaw	(NA)	(NA)	4	(X)	21
St. Clair	(NA)	(NA)	2	(X)	(D)
St. Joseph	(NA)	(NA)	4	(X)	(D)
Sanilac	(NA)	(NA)	23	(X)	23
Shiawassee	(NA)	(NA)	2	(X)	(D)
Tuscola	(NA)	(NA)	2	(X)	(D)
Van Buren	(NA)	(NA)	6	(X)	7
Washtenaw	(NA)	(NA)	1	(X)	(D)
Wayne	(NA)	(NA)	1	(X)	(D)
Wexford	(NA)	(NA)	4	(X)	4
OTHER LIVESTOCK (SEE TEXT)					
State Total					
Michigan	2017	88	(X)	45	(D)
	2012	39	(X)	15	3,620
Counties, 2017					
Alger	2	(X)	-	(X)	-
Allegan	1	(X)	2	(X)	(D)
Arenac	6	(X)	-	(X)	-
Bay	1	(X)	-	(X)	-
Branch	1	(X)	-	(X)	-
Charlevoix	2	(X)	-	(X)	-
Cheboygan	2	(X)	-	(X)	-
Chippewa	1	(X)	1	(X)	(D)
Clare	-	(X)	2	(X)	(D)
Clinton	2	(X)	-	(X)	-
Delta	1	(X)	-	(X)	-
Genesee	1	(X)	-	(X)	-
Grand Traverse	-	(X)	1	(X)	(D)
Gratiot	3	(X)	-	(X)	-
Huron	1	(X)	-	(X)	-
Ingham	2	(X)	3	(X)	(D)
Ionia	3	(X)	-	(X)	-
Iosco	2	(X)	-	(X)	-
Isabella	4	(X)	-	(X)	-
Jackson	3	(X)	6	(X)	(D)
Kalamazoo	2	(X)	-	(X)	-
Kalkaska	2	(X)	-	(X)	-
Kent	2	(X)	4	(X)	4
Lake	3	(X)	-	(X)	-
Lapeer	4	(X)	2	(X)	(D)
Leelanau	1	(X)	1	(X)	(D)
Livingston	2	(X)	6	(X)	(D)
Luce	3	(X)	-	(X)	-
Manistee	6	(X)	6	(X)	2
Marquette	1	(X)	-	(X)	-
Mason	1	(X)	-	(X)	-
Mecosta	4	(X)	1	(X)	(D)
Monroe	3	(X)	2	(X)	(D)
Montcalm	2	(X)	-	(X)	-

See footnote(s) at end of table.

--continued

Table 23. Miscellaneous Livestock and Animal Specialties - Inventory and Sales: 2017 and 2012 (continued)

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

Geographic area	Inventory		Sales		Value (\$1,000)	
	Farms	Number	Farms	Number		
OTHER LIVESTOCK (SEE TEXT) - Con.						
Counties, 2017 - Con.						
Oakland.....	2	(X)	1	(X)	(D)	
Oceana.....	1	(X)	-	(X)	-	
Presque Isle.....	1	(X)	1	(X)	(D)	
Saginaw.....	2	(X)	2	(X)	(D)	
St. Clair.....	1	(X)	-	(X)	-	
Sanilac.....	1	(X)	-	(X)	-	
Shiawassee.....	1	(X)	-	(X)	-	
Tuscola.....	3	(X)	-	(X)	-	
Van Buren.....	1	(X)	-	(X)	-	
Washtenaw.....	-	(X)	3	(X)	3	
Wexford.....	1	(X)	1	(X)	(D)	
OTHER LIVESTOCK PRODUCTS ¹ (SEE TEXT)						
State Total						
Michigan.....	2017	(NA)	(NA)	140	(X)	4,488
	2012	(NA)	(NA)	422	(X)	5,642
Counties, 2017						
Alcona.....	(NA)	(NA)	2	(X)	(D)	
Alger.....	(NA)	(NA)	3	(X)	11	
Allegan.....	(NA)	(NA)	2	(X)	(D)	
Antrim.....	(NA)	(NA)	1	(X)	(D)	
Arenac.....	(NA)	(NA)	6	(X)	4	
Barry.....	(NA)	(NA)	1	(X)	(D)	
Benzie.....	(NA)	(NA)	2	(X)	(D)	
Branch.....	(NA)	(NA)	6	(X)	1	
Charlevoix.....	(NA)	(NA)	1	(X)	(D)	
Cheboygan.....	(NA)	(NA)	5	(X)	10	
Clare.....	(NA)	(NA)	2	(X)	(D)	
Clinton.....	(NA)	(NA)	2	(X)	(D)	
Delta.....	(NA)	(NA)	1	(X)	(D)	
Dickinson.....	(NA)	(NA)	2	(X)	(D)	
Eaton.....	(NA)	(NA)	1	(X)	(D)	
Emmet.....	(NA)	(NA)	1	(X)	(D)	
Genesee.....	(NA)	(NA)	8	(X)	1,428	
Grand Traverse.....	(NA)	(NA)	4	(X)	1	
Graiot.....	(NA)	(NA)	3	(X)	(D)	
Hillsdale.....	(NA)	(NA)	1	(X)	(D)	
Huron.....	(NA)	(NA)	1	(X)	(D)	
Ingham.....	(NA)	(NA)	6	(X)	9	
Ionia.....	(NA)	(NA)	1	(X)	(D)	
Jackson.....	(NA)	(NA)	3	(X)	4	
Kalamazoo.....	(NA)	(NA)	1	(X)	(D)	
Kent.....	(NA)	(NA)	2	(X)	(D)	
Lapeer.....	(NA)	(NA)	3	(X)	1	
Lenawee.....	(NA)	(NA)	3	(X)	2	
Livingston.....	(NA)	(NA)	4	(X)	1	
Manistee.....	(NA)	(NA)	2	(X)	(D)	
Marquette.....	(NA)	(NA)	1	(X)	(D)	
Mason.....	(NA)	(NA)	3	(X)	(Z)	
Mecosta.....	(NA)	(NA)	3	(X)	(D)	
Menominee.....	(NA)	(NA)	4	(X)	(D)	
Midland.....	(NA)	(NA)	3	(X)	(Z)	
Montcalm.....	(NA)	(NA)	15	(X)	6	
Newaygo.....	(NA)	(NA)	2	(X)	(D)	
Oakland.....	(NA)	(NA)	3	(X)	4	
Ontonagon.....	(NA)	(NA)	1	(X)	(D)	
Oscoda.....	(NA)	(NA)	2	(X)	(D)	
Otsego.....	(NA)	(NA)	1	(X)	(D)	
Ottawa.....	(NA)	(NA)	2	(X)	(D)	
Saginaw.....	(NA)	(NA)	4	(X)	(Z)	
St. Clair.....	(NA)	(NA)	2	(X)	(D)	
Sanilac.....	(NA)	(NA)	2	(X)	(D)	
Shiawassee.....	(NA)	(NA)	6	(X)	3	
Tuscola.....	(NA)	(NA)	2	(X)	(D)	
Van Buren.....	(NA)	(NA)	1	(X)	(D)	
Washtenaw.....	(NA)	(NA)	2	(X)	(D)	
Wayne.....	(NA)	(NA)	1	(X)	(D)	

¹ Data are for farms with production, not necessarily sold.

Table 24. Selected Crops Harvested: 2017

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Harvested cropland farms	35,147	179	102	907	319	260
..... acres	7,214,667	20,042	7,799	181,865	35,668	24,661
Irrigated farms	4,914	9	20	206	22	81
..... acres	666,976	26	46	24,803	46	4,026
Barley for grain farms	183	1	2	1	6	-
..... acres	5,740	(D)	(D)	(D)	176	-
..... bushels	272,067	(D)	(D)	(D)	8,080	-
Irrigated farms	1	-	-	-	-	-
..... acres	(D)	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	114	1	-	-	2	-
25 to 99 acres	59	-	-	1	4	-
100 to 249 acres	7	-	2	-	-	-
250 to 499 acres	3	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain farms	11,195	30	3	291	35	30
..... acres	2,168,204	2,712	105	67,317	4,916	1,506
..... bushels	344,533,785	378,232	10,976	11,685,125	675,215	182,515
Irrigated farms	1,030	-	-	49	-	4
..... acres	313,638	-	-	9,557	-	177
Farms by acres harvested:						
1 to 24 acres	2,751	11	1	60	6	11
25 to 99 acres	3,530	7	2	96	12	13
100 to 249 acres	2,418	10	-	59	10	4
250 to 499 acres	1,413	2	-	38	6	2
500 to 999 acres	749	-	-	24	1	-
1,000 acres or more	334	-	-	14	-	-
Corn for silage or greenchop farms	2,355	5	1	88	30	24
..... acres	331,133	491	(D)	16,803	2,202	1,544
..... tons	6,157,400	7,965	(D)	324,426	31,893	23,524
Irrigated farms	133	-	-	6	-	1
..... acres	21,043	-	-	1,721	-	(D)
Farms by acres harvested:						
1 to 24 acres	772	1	1	23	12	9
25 to 99 acres	802	-	-	24	9	12
100 to 249 acres	453	4	-	19	5	1
250 to 499 acres	192	-	-	11	4	1
500 to 999 acres	81	-	-	9	-	1
1,000 acres or more	55	-	-	2	-	-
Dry edible beans, excluding chickpeas and limas (see text) farms	1,085	10	-	6	11	1
..... acres	225,334	1,340	-	422	1,354	(D)
..... cwt	4,487,274	25,058	-	8,734	23,301	(D)
Irrigated farms	58	-	-	3	-	-
..... acres	10,376	-	-	314	-	-
Farms by acres harvested:						
1 to 24 acres	97	1	-	1	1	-
25 to 99 acres	341	5	-	4	4	-
100 to 249 acres	346	2	-	-	6	1
250 to 499 acres	190	2	-	1	-	-
500 to 999 acres	88	-	-	-	-	-
1,000 acres or more	23	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text) farms	18,833	154	64	521	235	125
..... acres	1,009,570	11,150	6,724	24,914	14,722	8,711
..... tons, dry equivalent	2,674,133	25,746	14,684	76,971	40,387	18,442
Irrigated farms	417	1	-	13	-	3
..... acres	24,775	(D)	-	620	-	87
Farms by acres harvested:						
1 to 24 acres	10,092	57	31	281	96	43
25 to 99 acres	6,193	61	13	175	99	59
100 to 249 acres	1,837	30	12	47	27	17
250 to 499 acres	501	3	5	15	10	4
500 to 999 acres	170	3	3	3	3	2
1,000 acres or more	40	-	-	-	-	-
Oats for grain farms	1,167	5	11	20	15	8
..... acres	34,492	305	357	416	1,058	269
..... bushels	2,079,160	21,840	18,639	23,370	63,114	17,360
Irrigated farms	5	-	-	-	-	-
..... acres	417	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	778	1	7	15	4	6
25 to 99 acres	324	2	3	5	7	-
100 to 249 acres	59	2	1	-	2	2
250 to 499 acres	3	-	-	-	2	-
500 to 999 acres	3	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain farms	27	-	-	-	1	-
..... acres	1,888	-	-	-	(D)	-
..... bushels	225,714	-	-	-	(D)	-
Irrigated farms	7	-	-	-	-	-
..... acres	1,186	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	11	-	-	-	-	-
25 to 99 acres	11	-	-	-	1	-
100 to 249 acres	3	-	-	-	-	-
250 to 499 acres	2	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans farms	11,988	14	-	245	29	10
..... acres	2,487,343	3,095	-	52,974	7,841	1,761
..... bushels	107,048,753	134,862	-	2,621,381	285,006	65,877
Irrigated farms	699	-	-	27	-	4
..... acres	140,492	-	-	3,363	-	288

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Harvested cropland						
farms	234	51	610	569	126	748
acres	63,460	8,278	107,854	183,785	6,794	112,819
Irrigated						
farms	15	5	38	43	43	201
acres	(D)	5	4,871	5,228	684	20,034
Barley for grain						
farms	1	-	1	1	-	-
acres	(D)	-	(D)	(D)	-	-
bushels	(D)	-	(D)	(D)	-	-
Irrigated						
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	1	-	1	1	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain						
farms	113	3	183	349	15	192
acres	16,034	135	32,789	59,195	1,224	44,928
bushels	2,444,220	18,900	5,393,238	9,724,791	163,112	7,476,440
Irrigated						
farms	-	-	8	9	1	36
acres	-	-	1,453	1,688	(D)	9,849
Farms by acres harvested:						
1 to 24 acres	25	-	58	63	8	42
25 to 99 acres	40	3	47	127	1	63
100 to 249 acres	27	-	34	81	4	29
250 to 499 acres	16	-	23	47	2	28
500 to 999 acres	5	-	17	26	-	23
1,000 acres or more	-	-	4	5	-	7
Corn for silage or greenchop						
farms	18	3	44	18	12	3
acres	2,399	300	11,711	1,644	389	596
tons	39,735	5,400	237,791	30,694	5,537	10,712
Irrigated						
farms	-	-	7	-	-	-
acres	-	-	1,498	-	-	-
Farms by acres harvested:						
1 to 24 acres	2	-	14	4	8	-
25 to 99 acres	8	-	11	6	3	2
100 to 249 acres	4	3	6	8	1	-
250 to 499 acres	4	-	4	-	-	1
500 to 999 acres	-	-	6	-	-	-
1,000 acres or more	-	-	3	-	-	-
Dry edible beans, excluding chickpeas and limas (see text)						
farms	21	-	-	114	-	-
acres	4,680	-	-	21,475	-	-
cwt	89,802	-	-	375,935	-	-
Irrigated						
farms	1	-	-	3	-	-
acres	(D)	-	-	810	-	-
Farms by acres harvested:						
1 to 24 acres	1	-	-	7	-	-
25 to 99 acres	2	-	-	34	-	-
100 to 249 acres	10	-	-	40	-	-
250 to 499 acres	6	-	-	27	-	-
500 to 999 acres	2	-	-	6	-	-
1,000 acres or more	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)						
farms	116	44	424	134	46	211
acres	8,218	4,604	23,672	6,503	1,639	3,767
tons, dry equivalent	22,446	6,701	80,032	17,050	2,822	8,926
Irrigated						
farms	1	-	6	-	-	7
acres	(D)	-	650	-	-	88
Farms by acres harvested:						
1 to 24 acres	53	12	206	87	28	163
25 to 99 acres	37	19	157	32	12	46
100 to 249 acres	15	4	46	9	6	2
250 to 499 acres	11	8	9	4	-	-
500 to 999 acres	-	1	5	2	-	-
1,000 acres or more	-	-	1	-	-	-
Oats for grain						
farms	8	11	9	5	3	2
acres	280	3,120	201	62	18	(D)
bushels	20,668	202,529	13,393	5,227	578	(D)
Irrigated						
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	2	4	6	4	3	2
25 to 99 acres	6	4	3	1	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	3	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain						
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
bushels	-	-	-	-	-	-
Irrigated						
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans						
farms	134	-	173	380	2	220
acres	21,514	-	35,441	62,837	(D)	43,163
bushels	929,686	-	1,564,120	2,913,203	(D)	1,887,041
Irrigated						
farms	-	-	6	10	-	25
acres	-	-	1,118	991	-	2,612

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Harvested cropland farms	584	714	577	174	220	295
..... acres	191,614	163,533	154,451	10,203	15,719	30,835
Irrigated farms	125	73	143	28	12	22
..... acres	55,569	13,198	71,034	(D)	(D)	(D)
Barley for grain farms	-	2	7	5	9	3
..... acres	-	(D)	318	118	144	(D)
..... bushels	-	(D)	11,681	5,334	7,930	(D)
Irrigated farms	-	-	-	-	-	-
..... acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	2	5	2	6	1
25 to 99 acres	-	-	1	3	3	2
100 to 249 acres	-	-	1	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain farms	306	305	244	32	5	-
..... acres	92,925	69,426	76,640	2,417	(D)	-
..... bushels	14,518,654	9,488,519	11,935,071	268,208	(D)	-
Irrigated farms	90	38	95	-	-	-
..... acres	31,430	7,312	41,555	-	-	-
Farms by acres harvested:						
1 to 24 acres	75	58	52	14	3	-
25 to 99 acres	57	109	63	10	1	-
100 to 249 acres	79	57	48	4	-	-
250 to 499 acres	48	34	51	4	-	-
500 to 999 acres	24	35	17	-	1	-
1,000 acres or more	23	12	13	-	-	-
Corn for silage or greenchop farms	26	31	5	13	7	2
..... acres	3,439	4,694	271	501	408	(D)
..... tons	69,954	92,821	5,406	8,328	5,422	(D)
Irrigated farms	4	1	2	-	-	-
..... acres	525	(D)	(D)	-	-	-
Farms by acres harvested:						
1 to 24 acres	9	16	3	5	4	1
25 to 99 acres	7	6	1	6	2	1
100 to 249 acres	7	4	1	2	1	-
250 to 499 acres	2	2	-	-	-	-
500 to 999 acres	1	2	-	-	-	-
1,000 acres or more	-	1	-	-	-	-
Dry edible beans, excluding chickpeas and limas (see text) farms	-	-	-	-	-	4
..... acres	-	-	-	-	-	4
..... cwt	-	-	-	-	-	88
Irrigated farms	-	-	-	-	-	-
..... acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	4
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text) farms	316	369	283	114	159	258
..... acres	8,630	10,142	6,695	5,524	12,455	29,202
..... tons, dry equivalent	28,778	27,205	15,206	8,271	14,815	47,293
Irrigated farms	23	5	9	-	-	1
..... acres	665	133	419	-	-	(D)
Farms by acres harvested:						
1 to 24 acres	216	255	211	56	53	57
25 to 99 acres	84	100	65	41	71	119
100 to 249 acres	13	11	4	15	30	53
250 to 499 acres	3	2	3	2	2	17
500 to 999 acres	-	1	-	-	2	11
1,000 acres or more	-	-	-	-	1	1
Oats for grain farms	18	10	3	17	10	16
..... acres	230	88	60	202	298	845
..... bushels	13,640	3,146	1,200	11,558	19,535	38,024
Irrigated farms	-	-	-	-	-	-
..... acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	16	10	1	15	8	5
25 to 99 acres	2	-	2	2	-	8
100 to 249 acres	-	-	-	-	2	3
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain farms	-	1	-	-	-	-
..... acres	-	(D)	-	-	-	-
..... bushels	-	(D)	-	-	-	-
Irrigated farms	-	-	-	-	-	-
..... acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	1	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans farms	326	333	232	1	4	-
..... acres	81,501	73,670	59,407	(D)	(D)	-
..... bushels	3,523,111	2,814,313	2,742,155	(D)	(D)	-
Irrigated farms	77	31	61	-	-	-
..... acres	21,154	5,175	22,492	-	-	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Harvested cropland	farms 277	747	13	181	111	733
	acres 24,957	186,551	(D)	21,424	5,514	168,296
Irrigated	farms 16	37	-	22	8	35
	acres (D)	(D)	-	774	252	719
Barley for grain	farms 3	6	-	14	-	3
	acres 74	24	-	802	-	40
	bushels (D)	1,440	-	39,903	-	900
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	2	6	-	6	-	3
25 to 99 acres	1	-	-	6	-	-
100 to 249 acres	-	-	-	1	-	-
250 to 499 acres	-	-	-	1	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain	farms 51	293	2	18	5	281
	acres 2,337	52,562	(D)	1,589	208	53,048
	bushels 334,312	7,771,457	(D)	169,764	25,060	8,889,906
Irrigated	farms -	5	-	-	-	4
	acres -	590	-	-	-	175
Farms by acres harvested:						
1 to 24 acres	38	58	2	4	3	70
25 to 99 acres	6	118	-	7	2	70
100 to 249 acres	3	53	-	7	-	73
250 to 499 acres	4	31	-	-	-	41
500 to 999 acres	-	25	-	-	-	20
1,000 acres or more	-	8	-	-	-	7
Corn for silage or greenchop	farms 47	53	-	17	6	21
	acres 2,746	19,419	-	550	329	743
	tons 43,801	373,466	-	8,507	4,911	12,952
Irrigated	farms 1	3	-	-	-	-
	acres (D)	(D)	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	33	8	-	10	4	12
25 to 99 acres	7	10	-	5	1	7
100 to 249 acres	6	13	-	2	1	2
250 to 499 acres	-	10	-	-	-	-
500 to 999 acres	-	8	-	-	-	-
1,000 acres or more	1	4	-	-	-	-
Dry edible beans, excluding chickpeas and limas (see text)	farms 1	8	-	7	-	8
	acres (D)	1,046	-	1,063	-	1,166
	cwt (D)	24,281	-	12,032	-	19,844
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	3	-	-	-	-
25 to 99 acres	-	1	-	2	-	3
100 to 249 acres	-	3	-	5	-	4
250 to 499 acres	1	1	-	-	-	1
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms 231	385	13	139	88	373
	acres 14,827	19,692	245	14,580	4,251	10,506
	tons, dry equivalent 40,226	77,203	334	29,082	6,292	26,360
Irrigated	farms 1	9	-	2	2	1
	acres (D)	740	(D)	(D)	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	80	265	10	52	44	246
25 to 99 acres	115	75	3	45	33	104
100 to 249 acres	23	29	-	21	9	21
250 to 499 acres	10	10	-	17	2	2
500 to 999 acres	3	4	-	3	-	-
1,000 acres or more	-	2	-	1	-	-
Oats for grain	farms 30	20	2	11	6	9
	acres 580	411	(D)	411	168	464
	bushels 36,104	31,843	(D)	26,022	6,005	33,690
Irrigated	farms -	1	-	-	-	-
	acres -	(D)	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	23	17	2	8	4	4
25 to 99 acres	7	2	-	1	2	3
100 to 249 acres	-	1	-	2	-	2
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain	farms -	1	-	-	-	-
	acres -	(D)	-	-	-	-
	bushels -	(D)	-	-	-	-
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	1	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans	farms 29	402	-	3	-	378
	acres 2,824	76,885	-	(D)	-	89,937
	bushels 112,817	3,187,501	-	(D)	-	3,841,335
Irrigated	farms -	5	-	-	-	2
	acres -	369	-	-	-	(D)

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Harvested cropland farms	238	581	344	36	394	634
..... acres	12,896	96,854	29,550	1,299	29,997	259,408
Irrigated farms	43	58	16	3	133	75
..... acres	287	1,424	135	(D)	2,820	(D)
Barley for grain farms	4	3	3	-	8	-
..... acres	60	14	(D)	-	767	-
..... bushels	3,520	680	(D)	-	47,430	-
Irrigated farms	-	-	-	-	-	-
..... acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	4	3	2	-	2	-
25 to 99 acres	-	-	1	-	4	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	2	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain farms	18	162	86	-	44	332
..... acres	474	29,567	4,822	-	4,022	85,331
..... bushels	48,713	4,426,902	718,796	-	516,042	13,131,021
Irrigated farms	-	2	-	-	4	38
..... acres	-	(D)	-	-	94	5,023
Farms by acres harvested:						
1 to 24 acres	14	55	47	-	18	45
25 to 99 acres	3	50	28	-	9	108
100 to 249 acres	1	23	7	-	15	93
250 to 499 acres	-	17	1	-	-	34
500 to 999 acres	-	8	2	-	2	36
1,000 acres or more	-	9	1	-	-	16
Corn for silage or greenchop farms	21	19	23	1	17	74
..... acres	581	1,203	1,410	(D)	1,179	21,012
..... tons	7,334	17,704	18,146	(D)	20,520	386,806
Irrigated farms	-	1	-	-	-	12
..... acres	-	(D)	-	-	-	3,726
Farms by acres harvested:						
1 to 24 acres	13	7	11	1	2	19
25 to 99 acres	7	8	7	-	13	24
100 to 249 acres	1	3	4	-	1	17
250 to 499 acres	-	1	1	-	1	7
500 to 999 acres	-	-	-	-	-	3
1,000 acres or more	-	-	-	-	-	4
Dry edible beans, excluding chickpeas and limas (see text) farms	-	9	6	-	-	30
..... acres	-	657	522	-	-	6,812
..... cwt	-	10,009	8,518	-	-	107,797
Irrigated farms	-	-	-	-	-	6
..... acres	-	-	-	-	-	1,440
Farms by acres harvested:						
1 to 24 acres	-	3	-	-	-	2
25 to 99 acres	-	4	4	-	-	16
100 to 249 acres	-	2	2	-	-	5
250 to 499 acres	-	-	-	-	-	2
500 to 999 acres	-	-	-	-	-	4
1,000 acres or more	-	-	-	-	-	1
Forage - land used for all hay and haylage, grass silage, and greenchop (see text) farms	143	313	281	27	171	222
..... acres	9,821	9,703	11,155	1,156	10,361	17,849
..... tons, dry equivalent	13,328	18,517	17,788	1,306	18,566	61,829
Irrigated farms	-	3	2	-	6	10
..... acres	-	101	(D)	-	148	795
Farms by acres harvested:						
1 to 24 acres	58	203	140	13	78	119
25 to 99 acres	56	85	118	11	64	65
100 to 249 acres	20	21	21	3	22	22
250 to 499 acres	8	4	2	-	7	6
500 to 999 acres	1	-	-	-	-	9
1,000 acres or more	-	-	-	-	-	1
Oats for grain farms	19	8	43	-	29	5
..... acres	739	74	552	-	2,139	81
..... bushels	46,471	4,980	28,047	-	103,711	3,353
Irrigated farms	-	-	-	-	1	-
..... acres	-	-	-	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	12	8	37	-	8	4
25 to 99 acres	4	-	6	-	15	1
100 to 249 acres	3	-	-	-	6	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain farms	-	-	1	-	-	-
..... acres	-	-	(D)	-	-	-
..... bushels	-	-	(D)	-	-	-
Irrigated farms	-	-	-	-	-	-
..... acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	1	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans farms	-	194	54	-	21	443
..... acres	-	48,961	7,409	-	1,947	100,574
..... bushels	-	1,780,176	283,288	-	66,431	4,228,815
Irrigated farms	-	1	1	-	-	27
..... acres	-	(D)	(D)	-	-	2,497

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Harvested cropland	farms 777	147	850	664	712	173
	acres 191,068	9,740	430,557	144,920	187,157	19,239
Irrigated	farms 59	22	32	54	55	16
	acres 8,802	30	3,039	1,726	(D)	184
Barley for grain	farms 1	3	5	-	1	1
	acres (D)	250	166	-	(D)	(D)
	bushels (D)	(D)	9,688	-	(D)	(D)
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	1	-	1	-	1	1
25 to 99 acres	-	2	4	-	-	-
100 to 249 acres	-	1	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain	farms 299	8	454	167	333	30
	acres 67,520	560	91,560	48,901	66,036	3,587
	bushels 10,558,633	72,472	17,131,948	7,833,259	10,939,560	510,688
Irrigated	farms 25	-	6	4	8	1
	acres 5,028	-	811	541	2,603	(D)
Farms by acres harvested:						
1 to 24 acres	68	1	55	28	62	12
25 to 99 acres	78	6	130	41	134	4
100 to 249 acres	67	1	147	36	64	9
250 to 499 acres	51	-	91	35	29	4
500 to 999 acres	20	-	18	16	36	1
1,000 acres or more	15	-	13	11	8	-
Corn for silage or greenchop	farms 50	-	137	34	83	17
	acres 6,757	-	27,669	5,406	16,011	1,820
	tons 131,995	-	554,565	114,880	318,959	28,298
Irrigated	farms 6	-	6	-	1	-
	acres 1,283	-	565	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	13	-	22	8	17	4
25 to 99 acres	18	-	61	13	27	8
100 to 249 acres	8	-	29	4	26	3
250 to 499 acres	8	-	10	7	7	2
500 to 999 acres	3	-	9	2	4	-
1,000 acres or more	-	-	6	-	2	-
Dry edible beans, excluding chickpeas and limas (see text)	farms -	-	344	-	6	1
	acres -	-	84,466	-	296	(D)
	cwt -	-	1,858,266	-	5,404	(D)
Irrigated	farms -	-	5	-	-	-
	acres -	-	455	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	14	-	-	-
25 to 99 acres	-	-	97	-	6	1
100 to 249 acres	-	-	113	-	-	-
250 to 499 acres	-	-	70	-	-	-
500 to 999 acres	-	-	38	-	-	-
1,000 acres or more	-	-	12	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms 422	94	313	383	412	137
	acres 15,948	7,542	28,458	12,071	20,190	10,113
	tons, dry equivalent 52,049	10,808	122,606	35,469	75,235	21,838
Irrigated	farms 10	-	7	8	11	5
	acres 480	-	489	8	348	156
Farms by acres harvested:						
1 to 24 acres	271	27	145	272	256	45
25 to 99 acres	106	41	95	84	100	61
100 to 249 acres	38	24	49	21	41	22
250 to 499 acres	5	1	13	5	11	8
500 to 999 acres	2	-	7	-	2	1
1,000 acres or more	-	1	4	1	2	-
Oats for grain	farms 22	19	27	4	12	9
	acres 289	856	1,008	184	279	260
	bushels 16,933	32,363	108,168	3,800	18,657	21,772
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	18	10	18	2	9	4
25 to 99 acres	4	3	6	2	3	5
100 to 249 acres	-	6	3	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
	bushels -	-	-	-	-	-
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans	farms 401	-	445	239	355	22
	acres 91,124	-	66,153	65,526	72,065	2,646
	bushels 3,803,596	-	3,399,190	2,782,725	3,114,324	103,240
Irrigated	farms 17	-	1	4	4	-
	acres 1,975	-	(D)	(D)	(D)	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Harvested cropland farms	107	734	668	513	133	740
..... acres	8,251	158,504	114,362	106,116	9,343	114,998
Irrigated farms	6	46	79	193	24	175
..... acres	525	2,828	4,705	42,734	1,588	15,186
Barley for grain farms	9	4	4	1	1	4
..... acres	150	253	45	(D)	(D)	106
..... bushels	5,174	14,003	1,799	(D)	(D)	2,240
Irrigated farms	-	-	-	-	-	-
..... acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	6	-	4	1	1	2
25 to 99 acres	3	4	-	-	-	2
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain farms	1	271	221	165	4	190
..... acres	(D)	35,146	44,352	50,140	143	39,658
..... bushels	(D)	5,367,704	5,710,143	7,605,497	14,240	5,944,078
Irrigated farms	-	8	14	71	-	18
..... acres	-	443	2,462	27,393	-	6,882
Farms by acres harvested:						
1 to 24 acres	-	79	55	37	3	60
25 to 99 acres	1	110	73	49	-	52
100 to 249 acres	-	44	44	29	1	27
250 to 499 acres	-	27	24	24	-	27
500 to 999 acres	-	8	17	14	-	18
1,000 acres or more	-	3	8	12	-	6
Corn for silage or greenchop farms	4	69	33	23	6	53
..... acres	96	8,089	3,813	3,433	142	7,168
..... tons	1,518	140,207	67,622	71,232	1,720	137,870
Irrigated farms	-	-	3	7	-	3
..... acres	-	-	315	1,399	-	217
Farms by acres harvested:						
1 to 24 acres	2	26	5	5	5	13
25 to 99 acres	2	20	16	6	1	20
100 to 249 acres	-	16	7	6	-	13
250 to 499 acres	-	4	4	6	-	4
500 to 999 acres	-	1	1	-	-	1
1,000 acres or more	-	2	-	-	-	2
Dry edible beans, excluding chickpeas and limas (see text) farms	-	21	-	-	-	13
..... acres	-	3,690	-	-	-	2,598
..... cwt	-	65,325	-	-	-	44,092
Irrigated farms	-	1	-	-	-	5
..... acres	-	(D)	-	-	-	1,087
Farms by acres harvested:						
1 to 24 acres	-	1	-	-	-	-
25 to 99 acres	-	11	-	-	-	4
100 to 249 acres	-	2	-	-	-	8
250 to 499 acres	-	6	-	-	-	-
500 to 999 acres	-	1	-	-	-	-
1,000 acres or more	-	-	-	-	-	1
Forage - land used for all hay and haylage, grass silage, and greenchop (see text) farms	86	445	440	236	79	404
..... acres	6,414	26,749	14,619	10,460	4,325	17,325
..... tons, dry equivalent	10,646	67,126	33,500	29,127	8,299	45,997
Irrigated farms	1	6	5	10	6	10
..... acres	(D)	875	49	710	36	1,022
Farms by acres harvested:						
1 to 24 acres	39	196	282	143	28	238
25 to 99 acres	27	165	124	77	39	124
100 to 249 acres	12	65	32	11	12	31
250 to 499 acres	8	14	2	1	-	9
500 to 999 acres	-	5	-	3	-	2
1,000 acres or more	-	-	-	1	-	-
Oats for grain farms	14	37	23	6	8	20
..... acres	521	1,099	437	141	218	413
..... bushels	36,901	63,026	24,491	11,665	8,786	23,784
Irrigated farms	-	-	-	-	-	-
..... acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	7	22	19	4	4	16
25 to 99 acres	5	12	4	2	4	4
100 to 249 acres	2	3	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain farms	-	6	-	3	1	-
..... acres	-	18	-	109	(D)	-
..... bushels	-	810	-	11,364	(D)	-
Irrigated farms	-	-	-	3	-	-
..... acres	-	-	-	(D)	-	-
Farms by acres harvested:						
1 to 24 acres	-	6	-	-	-	-
25 to 99 acres	-	-	-	3	1	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans farms	2	324	216	161	1	158
..... acres	(D)	70,610	43,887	36,566	(D)	28,905
..... bushels	(D)	2,996,205	1,501,946	1,752,011	(D)	1,206,582
Irrigated farms	-	7	6	52	-	5
..... acres	-	580	1,652	12,913	-	511

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Harvested cropland	6	121	730	374	955	479
farms						
acres	30	8,701	120,062	23,968	322,729	59,573
Irrigated	-	13	77	124	84	53
farms						
acres	-	57	2,339	2,247	9,754	1,046
Barley for grain	-	-	2	-	1	-
farms						
acres	-	-	(D)	-	(D)	-
bushels	-	-	(D)	-	(D)	-
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	2	-	1	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain	-	8	213	36	452	101
farms						
acres	-	856	36,032	2,788	110,522	16,630
bushels	-	111,633	6,152,838	314,474	19,632,966	2,516,325
Irrigated	-	-	1	2	21	-
farms						
acres	-	-	(D)	(D)	7,187	-
Farms by acres harvested:						
1 to 24 acres	-	5	49	18	93	19
25 to 99 acres	-	1	77	11	112	35
100 to 249 acres	-	-	44	4	110	24
250 to 499 acres	-	2	21	1	82	16
500 to 999 acres	-	-	16	2	40	6
1,000 acres or more	-	-	6	-	15	1
Corn for silage or greenchop	-	7	35	10	53	15
farms						
acres	-	319	3,139	228	13,022	1,899
tons	-	4,949	60,197	2,541	266,352	34,048
Irrigated	-	-	-	-	2	1
farms						
acres	-	-	-	-	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	-	3	9	7	4	3
25 to 99 acres	-	3	17	3	22	8
100 to 249 acres	-	1	4	-	11	3
250 to 499 acres	-	-	5	-	7	-
500 to 999 acres	-	-	-	-	6	-
1,000 acres or more	-	-	-	-	3	1
Dry edible beans, excluding chickpeas and limas (see text)	-	-	12	-	-	-
farms						
acres	-	-	644	-	-	-
cwt	-	-	14,230	-	-	-
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	4	-	-	-
25 to 99 acres	-	-	6	-	-	-
100 to 249 acres	-	-	2	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	-	97	460	114	368	291
farms						
acres	-	6,405	16,356	3,897	18,120	11,105
tons, dry equivalent	-	8,736	38,039	8,463	65,871	24,146
Irrigated	-	1	11	1	5	1
farms						
acres	-	(D)	157	(D)	989	(D)
Farms by acres harvested:						
1 to 24 acres	-	33	246	65	218	176
25 to 99 acres	-	50	186	39	108	90
100 to 249 acres	-	8	24	10	24	19
250 to 499 acres	-	5	4	-	14	5
500 to 999 acres	-	1	-	-	3	1
1,000 acres or more	-	-	-	-	1	-
Oats for grain	-	4	16	11	11	2
farms						
acres	-	(D)	318	204	133	(D)
bushels	-	(D)	26,556	11,583	7,610	(D)
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	2	10	8	10	1
25 to 99 acres	-	2	6	3	1	-
100 to 249 acres	-	-	-	-	-	1
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
bushels	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans	-	7	273	4	565	120
farms						
acres	-	580	52,197	565	152,255	24,325
bushels	-	24,579	2,107,348	(D)	7,386,531	955,776
Irrigated	-	-	-	-	6	-
farms						
acres	-	-	-	-	208	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Harvested cropland	38	82	325	211	118	356
farms	(D)	10,347	61,906	13,199	9,427	51,987
acres	6	5	68	45	41	58
Irrigated	(D)	(D)	4,286	(D)	(D)	4,186
farms						
acres						
Barley for grain	-	2	-	-	1	-
farms		(D)			(D)	
acres		(D)			(D)	
bushels						
Irrigated	-	-	-	-	-	-
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	-	2	-	-	1	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain	-	-	97	36	2	96
farms						
acres			14,525	4,651	(D)	14,223
bushels			2,454,366	522,677	(D)	2,234,769
Irrigated	-	-	1	3	-	12
farms			(D)	(D)		1,394
acres						
Farms by acres harvested:						
1 to 24 acres	-	-	27	20	2	28
25 to 99 acres	-	-	28	2	-	28
100 to 249 acres	-	-	17	6	-	19
250 to 499 acres	-	-	17	7	-	12
500 to 999 acres	-	-	7	-	-	9
1,000 acres or more	-	-	1	1	-	-
Corn for silage or greenchop	-	5	15	14	8	20
farms						
acres		754	1,064	557	248	2,322
tons		8,720	15,622	6,478	3,968	42,612
Irrigated	-	-	1	-	-	1
farms			(D)			(D)
acres						
Farms by acres harvested:						
1 to 24 acres	-	-	9	4	5	4
25 to 99 acres	-	2	4	9	3	7
100 to 249 acres	-	3	-	1	-	6
250 to 499 acres	-	-	2	-	-	3
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Dry edible beans, excluding chickpeas and limas (see text)	-	-	2	-	-	-
farms			(D)			
acres			(D)			
cwt						
Irrigated	-	-	-	-	-	-
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	-	-	2	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	23	66	129	119	71	191
farms						
acres	2,217	9,098	3,763	4,892	8,940	14,523
tons, dry equivalent	3,286	16,441	7,380	7,422	13,689	44,696
Irrigated	-	-	5	6	-	8
farms			306	6	-	185
acres						
Farms by acres harvested:						
1 to 24 acres	7	20	85	66	21	73
25 to 99 acres	7	26	38	40	30	72
100 to 249 acres	5	10	6	12	7	37
250 to 499 acres	4	4	-	1	10	6
500 to 999 acres	-	5	-	-	3	2
1,000 acres or more	-	1	-	-	-	1
Oats for grain	-	7	5	3	4	42
farms						
acres		284	232	26	62	1,295
bushels		10,225	11,333	1,332	2,345	67,922
Irrigated	-	-	-	-	-	-
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	-	3	3	3	3	19
25 to 99 acres	-	3	-	-	1	23
100 to 249 acres	-	1	2	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain	-	-	-	-	-	-
farms						
acres						
bushels						
Irrigated	-	-	-	-	-	-
farms						
acres						
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans	-	-	145	12	-	65
farms						
acres			35,141	329		7,474
bushels			1,357,327	6,535		323,417
Irrigated	-	-	1	1	-	2
farms			(D)	(D)		(D)
acres						

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Harvested cropland						
farms	536	264	360	289	822	693
acres	67,217	38,250	61,885	79,495	188,153	176,344
Irrigated						
farms	62	12	34	50	81	121
acres	17,412	94	639	8,513	4,222	59,331
Barley for grain						
farms	1	22	-	-	1	-
acres	(D)	752	-	-	(D)	-
bushels	(D)	35,513	-	-	(D)	-
Irrigated						
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	10	-	-	1	-
25 to 99 acres	1	10	-	-	-	-
100 to 249 acres	-	2	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain						
farms	178	33	125	53	349	281
acres	19,406	4,622	17,191	8,108	60,372	63,784
bushels	2,642,012	451,102	2,795,279	1,188,093	10,995,175	9,193,007
Irrigated						
farms	14	-	4	10	6	59
acres	8,798	-	394	850	932	25,340
Farms by acres harvested:						
1 to 24 acres	93	4	38	11	90	86
25 to 99 acres	50	15	53	12	115	74
100 to 249 acres	20	9	13	21	70	59
250 to 499 acres	9	3	10	7	44	30
500 to 999 acres	3	2	9	1	23	17
1,000 acres or more	3	-	2	1	7	15
Corn for silage or greenchop						
farms	64	48	5	80	14	80
acres	3,516	6,916	525	22,975	289	8,637
tons	65,186	96,910	8,592	398,178	5,679	148,646
Irrigated						
farms	3	-	1	17	-	18
acres	287	-	(D)	2,820	-	1,904
Farms by acres harvested:						
1 to 24 acres	47	11	2	13	11	23
25 to 99 acres	8	23	2	12	2	36
100 to 249 acres	5	7	-	29	1	14
250 to 499 acres	3	5	1	16	-	5
500 to 999 acres	1	-	-	5	-	1
1,000 acres or more	-	2	-	5	-	1
Dry edible beans, excluding chickpeas and limas (see text)						
farms	4	1	22	-	-	36
acres	1,560	(D)	2,557	-	-	9,609
cwt	26,560	(D)	50,316	-	-	158,894
Irrigated						
farms	1	-	1	-	-	20
acres	(D)	-	(D)	-	-	4,141
Farms by acres harvested:						
1 to 24 acres	-	-	4	-	-	6
25 to 99 acres	-	-	7	-	-	11
100 to 249 acres	2	-	9	-	-	2
250 to 499 acres	-	1	2	-	-	13
500 to 999 acres	2	-	-	-	-	2
1,000 acres or more	-	-	-	-	-	2
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)						
farms	439	200	174	215	220	437
acres	24,492	22,298	8,061	37,273	4,477	18,951
tons, dry equivalent	51,831	52,022	15,865	127,845	14,512	57,746
Irrigated						
farms	8	1	3	20	2	37
acres	628	(D)	24	2,938	(D)	2,838
Farms by acres harvested:						
1 to 24 acres	221	55	107	60	177	245
25 to 99 acres	158	75	40	70	38	150
100 to 249 acres	46	46	23	43	2	28
250 to 499 acres	8	16	4	17	3	13
500 to 999 acres	6	7	-	21	-	-
1,000 acres or more	-	1	-	4	-	1
Oats for grain						
farms	75	30	7	11	2	45
acres	805	909	66	249	(D)	1,344
bushels	37,727	44,178	3,460	17,637	(D)	86,189
Irrigated						
farms	-	-	-	-	-	2
acres	-	-	-	-	-	(D)
Farms by acres harvested:						
1 to 24 acres	72	19	7	4	2	28
25 to 99 acres	3	9	-	7	-	14
100 to 249 acres	-	2	-	-	-	2
250 to 499 acres	-	-	-	-	-	1
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain						
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
bushels	-	-	-	-	-	-
Irrigated						
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans						
farms	48	7	143	-	499	214
acres	7,227	612	27,805	-	99,914	33,790
bushels	262,628	6,897	1,186,870	-	4,716,393	1,165,986
Irrigated						
farms	9	-	2	-	2	30
acres	801	-	(D)	-	(D)	4,304

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Harvested cropland	118	329	620	318	425	229
farms						
acres	13,634	39,560	86,982	14,321	78,595	43,589
Irrigated	4	95	86	75	70	5
farms						
acres	5	3,360	11,944	587	(D)	(D)
Barley for grain	-	-	1	-	2	1
farms						
acres	-	-	(D)	-	(D)	(D)
bushels	-	-	(D)	-	(D)	(D)
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	1	-	1	1
25 to 99 acres	-	-	-	-	1	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain	9	71	166	17	124	62
farms						
acres	993	8,599	19,713	2,234	20,565	8,378
bushels	120,442	1,249,352	2,739,919	335,564	2,836,277	1,262,626
Irrigated	-	3	24	-	23	-
farms						
acres	-	(D)	4,080	-	5,540	-
Farms by acres harvested:						
1 to 24 acres	2	31	59	3	45	17
25 to 99 acres	4	13	60	7	28	20
100 to 249 acres	2	18	25	5	28	16
250 to 499 acres	1	6	13	2	18	5
500 to 999 acres	-	2	7	-	2	3
1,000 acres or more	-	1	2	-	3	1
Corn for silage or greenchop	4	15	79	2	21	56
farms						
acres	396	3,091	12,812	(D)	2,693	5,194
tons	6,636	59,012	220,213	(D)	47,501	79,830
Irrigated	-	-	10	-	-	1
farms						
acres	-	-	1,316	-	-	(D)
Farms by acres harvested:						
1 to 24 acres	-	5	30	2	13	16
25 to 99 acres	2	4	25	-	5	18
100 to 249 acres	2	4	11	-	2	17
250 to 499 acres	-	-	6	-	-	5
500 to 999 acres	-	1	3	-	-	-
1,000 acres or more	-	1	4	-	1	-
Dry edible beans, excluding chickpeas and limas (see text)	1	-	1	-	1	2
farms						
acres	(D)	-	(D)	-	(D)	(D)
cwt	(D)	-	(D)	-	(D)	(D)
Irrigated	-	-	-	-	1	-
farms						
acres	-	-	-	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	1	-	-	-
100 to 249 acres	-	-	-	-	1	-
250 to 499 acres	1	-	-	-	-	1
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	1
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	102	174	462	137	210	203
farms						
acres	6,939	8,973	25,194	6,848	10,575	18,712
tons, dry equivalent	15,508	23,578	64,335	10,093	25,535	60,658
Irrigated	-	3	7	3	11	1
farms						
acres	-	169	625	8	653	(D)
Farms by acres harvested:						
1 to 24 acres	42	94	236	77	108	57
25 to 99 acres	41	58	156	48	69	93
100 to 249 acres	11	15	53	8	28	29
250 to 499 acres	6	6	14	2	4	20
500 to 999 acres	2	1	1	1	-	4
1,000 acres or more	-	1	2	1	1	-
Oats for grain	3	7	17	-	18	13
farms						
acres	94	209	463	-	654	537
bushels	5,440	9,777	25,155	-	39,115	33,382
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	1	5	9	-	6	4
25 to 99 acres	2	1	8	-	10	9
100 to 249 acres	-	1	-	-	2	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
bushels	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans	21	52	101	19	61	37
farms						
acres	3,798	10,639	16,064	2,495	8,841	6,059
bushels	138,225	438,059	533,503	94,804	362,230	258,624
Irrigated	-	2	10	-	9	-
farms						
acres	-	(D)	826	-	1,244	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Harvested cropland	94	463	70	133	911	214
farms						
acres	9,279	53,698	5,133	12,562	138,227	32,240
Irrigated	4	20	1	18	275	15
farms						
acres	(D)	1,937	(D)	1,111	23,004	1,743
Barley for grain	2	2	3	-	2	6
farms						
acres	(D)	(D)	70	-	(D)	73
bushels	(D)	(D)	4,500	-	(D)	2,770
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	2	2	-	-	6
25 to 99 acres	2	-	1	-	2	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain	-	77	8	14	241	50
farms						
acres	-	6,375	448	731	41,952	5,146
bushels	-	853,948	62,109	95,128	6,962,382	710,366
Irrigated	-	1	-	3	26	2
farms						
acres	-	(D)	-	(D)	8,950	(D)
Farms by acres harvested:						
1 to 24 acres	-	35	5	9	69	17
25 to 99 acres	-	19	1	2	85	15
100 to 249 acres	-	13	2	2	44	11
250 to 499 acres	-	10	-	1	19	5
500 to 999 acres	-	-	-	-	18	2
1,000 acres or more	-	-	-	-	6	-
Corn for silage or greenchop	-	55	14	7	89	19
farms						
acres	-	6,716	407	107	13,840	1,864
tons	-	104,242	6,904	1,198	244,048	24,148
Irrigated	-	3	-	-	-	-
farms						
acres	-	205	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	6	6	7	23	6
25 to 99 acres	-	27	8	-	37	4
100 to 249 acres	-	16	-	-	15	7
250 to 499 acres	-	5	-	-	10	2
500 to 999 acres	-	-	-	-	1	-
1,000 acres or more	-	1	-	-	3	-
Dry edible beans, excluding chickpeas and limas (see text)	-	2	-	2	-	2
farms						
acres	-	(D)	-	(D)	-	(D)
cwt	-	(D)	-	(D)	-	(D)
Irrigated	-	-	-	-	-	1
farms						
acres	-	-	-	-	-	(D)
Farms by acres harvested:						
1 to 24 acres	-	1	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	1	-	2	-	1
250 to 499 acres	-	-	-	-	-	1
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	88	411	63	85	451	169
farms						
acres	8,890	35,312	4,042	7,766	19,186	12,679
tons, dry equivalent	20,067	81,448	8,009	16,678	67,627	29,078
Irrigated	-	2	-	3	11	1
farms						
acres	-	(D)	-	135	968	(D)
Farms by acres harvested:						
1 to 24 acres	21	138	21	20	267	50
25 to 99 acres	38	180	27	42	143	82
100 to 249 acres	18	68	14	19	31	31
250 to 499 acres	8	16	1	2	5	2
500 to 999 acres	3	6	-	1	5	4
1,000 acres or more	-	3	-	1	-	-
Oats for grain	5	24	1	23	15	45
farms						
acres	50	627	(D)	793	299	1,703
bushels	1,200	33,953	(D)	44,897	18,516	104,319
Irrigated	-	-	-	-	1	-
farms						
acres	-	-	-	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	5	15	1	10	11	25
25 to 99 acres	-	9	-	13	4	17
100 to 249 acres	-	-	-	-	-	3
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain	-	1	-	-	1	-
farms						
acres	-	(D)	-	-	(D)	-
bushels	-	(D)	-	-	(D)	-
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	1	-	-	1	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans	-	15	3	9	230	37
farms						
acres	-	1,479	120	889	41,154	5,198
bushels	-	63,441	3,340	22,031	1,881,791	204,214
Irrigated	-	-	-	-	11	1
farms						
acres	-	-	-	-	2,404	(D)

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Harvested cropland	24	950	861	678	1,070	39
farms						
acres	2,501	281,625	148,193	197,620	379,179	3,793
Irrigated	7	47	70	258	60	5
farms						
acres	(D)	(D)	899	123,022	(D)	7
Barley for grain	-	-	2	5	2	1
farms						
acres	-	-	(D)	34	(D)	(D)
bushels	-	-	(D)	1,686	(D)	(D)
Irrigated	-	-	-	1	-	-
farms						
acres	-	-	-	(D)	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	2	5	1	1
25 to 99 acres	-	-	-	-	1	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain	-	522	182	385	449	1
farms						
acres	-	100,075	26,077	100,831	82,155	(D)
bushels	-	16,160,127	4,310,749	14,049,421	15,332,418	(D)
Irrigated	-	7	2	192	6	-
farms						
acres	-	937	(D)	71,058	550	-
Farms by acres harvested:						
1 to 24 acres	-	104	44	112	71	-
25 to 99 acres	-	217	59	102	140	1
100 to 249 acres	-	110	54	63	137	-
250 to 499 acres	-	48	20	51	68	-
500 to 999 acres	-	29	3	26	25	-
1,000 acres or more	-	14	2	31	8	-
Corn for silage or greenchop	-	26	19	39	148	-
farms						
acres	-	1,618	1,082	3,163	20,220	-
tons	-	34,058	21,158	66,120	430,109	-
Irrigated	-	-	-	4	1	-
farms						
acres	-	-	-	216	(D)	-
Farms by acres harvested:						
1 to 24 acres	-	11	11	29	30	-
25 to 99 acres	-	11	5	6	66	-
100 to 249 acres	-	3	2	3	37	-
250 to 499 acres	-	1	-	-	4	-
500 to 999 acres	-	-	1	-	8	-
1,000 acres or more	-	-	-	1	3	-
Dry edible beans, excluding chickpeas and limas (see text)	-	45	6	-	115	1
farms						
acres	-	5,662	756	-	25,246	(D)
cwt	-	102,997	9,544	-	537,352	(D)
Irrigated	-	6	-	-	-	-
farms						
acres	-	84	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	9	1	-	10	-
25 to 99 acres	-	18	1	-	30	-
100 to 249 acres	-	12	2	-	45	1
250 to 499 acres	-	3	2	-	19	-
500 to 999 acres	-	3	-	-	9	-
1,000 acres or more	-	-	-	-	2	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	19	190	445	363	546	29
farms						
acres	2,372	5,076	14,783	11,563	42,451	2,845
tons, dry equivalent	3,518	15,691	31,195	29,605	163,867	4,453
Irrigated	3	-	4	36	11	2
farms						
acres	650	-	78	1,663	311	(D)
Farms by acres harvested:						
1 to 24 acres	4	143	266	229	248	9
25 to 99 acres	10	32	153	117	178	12
100 to 249 acres	-	13	21	14	85	4
250 to 499 acres	5	2	4	2	22	4
500 to 999 acres	-	-	1	1	10	-
1,000 acres or more	-	-	-	-	3	-
Oats for grain	-	18	10	13	39	4
farms						
acres	-	340	126	263	1,021	228
bushels	-	20,474	8,190	16,247	73,208	14,693
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	12	10	10	28	1
25 to 99 acres	-	6	-	2	9	3
100 to 249 acres	-	-	-	1	2	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain	-	1	-	5	-	-
farms						
acres	-	(D)	-	1,229	-	-
bushels	-	(D)	-	180,319	-	-
Irrigated	-	-	-	4	-	-
farms						
acres	-	-	-	(D)	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	1	-	1	-	-
100 to 249 acres	-	-	-	2	-	-
250 to 499 acres	-	-	-	2	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans	-	651	401	304	632	1
farms						
acres	-	128,150	93,558	63,509	139,410	(D)
bushels	-	5,506,777	3,659,730	2,994,733	6,508,775	(D)
Irrigated	-	2	12	178	3	-
farms						
acres	-	(D)	222	38,601	(D)	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Harvested cropland	farms 732	903	763	865	173	230
	acres 175,854	279,531	104,976	139,750	6,771	20,358
Irrigated	farms 27	70	212	140	89	34
	acres (D) 8,696	35,527	3,822	576	4,289	
Barley for grain	farms 2	3	-	2	-	-
	acres (D) 25	-	-	(D) -	-	-
	bushels (D) 950	-	-	(D) -	-	-
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	2	3	-	2	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Corn for grain	farms 292	440	115	282	26	31
	acres 44,077	81,008	40,307	44,136	1,124	4,934
	bushels 6,558,978	13,378,127	6,771,823	6,501,058	117,632	752,546
Irrigated	farms 2	27	28	12	-	1
	acres (D) 2,813	14,418	1,635	(D) -	-	(D) -
Farms by acres harvested:						
1 to 24 acres	65	73	33	36	15	22
25 to 99 acres	107	166	25	103	8	5
100 to 249 acres	69	93	26	91	3	-
250 to 499 acres	29	58	18	38	-	1
500 to 999 acres	19	45	7	12	-	-
1,000 acres or more	3	5	6	2	-	3
Corn for silage or greenchop	farms 23	60	11	41	-	16
	acres 4,674	5,288	1,160	2,241	-	1,047
	tons 95,109	104,853	24,026	38,352	-	17,039
Irrigated	farms 1	1	3	1	-	-
	acres (D) -	(D) -	470	(D) -	-	-
Farms by acres harvested:						
1 to 24 acres	8	30	5	15	-	12
25 to 99 acres	4	16	1	21	-	2
100 to 249 acres	6	8	3	3	-	1
250 to 499 acres	3	4	2	2	-	-
500 to 999 acres	1	1	-	-	-	1
1,000 acres or more	1	1	-	-	-	-
Dry edible beans, excluding chickpeas and limas (see text)	farms 25	183	-	-	-	1
	acres 1,593	41,466	-	-	-	(D) -
	cwt 30,025	808,977	-	-	-	(D) -
Irrigated	farms -	4	-	-	-	-
	acres -	686	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	12	10	-	-	-	-
25 to 99 acres	8	61	-	-	-	-
100 to 249 acres	4	59	-	-	-	-
250 to 499 acres	1	29	-	-	-	-
500 to 999 acres	-	20	-	-	-	1
1,000 acres or more	-	4	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms 349	376	284	474	18	161
	acres 12,743	15,923	9,249	17,702	515	8,732
	tons, dry equivalent 40,333	43,422	19,917	43,796	903	17,523
Irrigated	farms 2	4	8	9	-	3
	acres (D) 316	356	364	(D) -	-	(D) -
Farms by acres harvested:						
1 to 24 acres	241	235	201	274	10	71
25 to 99 acres	87	106	61	159	8	69
100 to 249 acres	17	26	15	39	-	17
250 to 499 acres	2	7	7	1	-	2
500 to 999 acres	1	1	-	-	-	2
1,000 acres or more	1	1	-	1	-	-
Oats for grain	farms 15	33	-	19	2	14
	acres 510	663	-	357	(D) -	214
	bushels 40,846	59,965	-	15,458	(D) -	10,526
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	9	24	-	15	2	12
25 to 99 acres	5	9	-	3	-	2
100 to 249 acres	1	-	-	1	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sorghum for grain	farms -	4	1	-	-	-
	acres -	150	(D) -	-	-	-
	bushels -	6,026	(D) -	-	-	-
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	2	-	-	-	-
25 to 99 acres	-	2	1	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Soybeans for beans	farms 411	475	106	334	32	3
	acres 94,305	84,455	28,063	62,682	3,657	(D) -
	bushels 3,682,776	3,707,205	1,346,118	2,307,053	114,392	(D) -
Irrigated	farms 3	23	14	4	-	1
	acres 260	2,452	6,314	(D) -	-	(D) -

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	1,918	2	-	59	1	-
25 to 99 acres	4,126	6	-	61	9	4
100 to 249 acres	3,051	3	-	66	8	4
250 to 499 acres	1,580	2	-	29	6	1
500 to 999 acres	967	-	-	23	4	1
1,000 acres or more	346	1	-	7	1	-
Sugarbeets for sugar	farms 661	-	1	-	-	-
acres	145,790	-	(D)	-	-	-
tons	3,693,023	-	(D)	-	-	-
Irrigated	farms 25	-	-	-	-	-
acres	(D)	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	39	-	1	-	-	-
25 to 99 acres	220	-	-	-	-	-
100 to 249 acres	218	-	-	-	-	-
250 to 499 acres	118	-	-	-	-	-
500 to 999 acres	50	-	-	-	-	-
1,000 acres or more	16	-	-	-	-	-
Sunflower seed, all	farms 46	-	1	-	7	-
acres	1,735	-	(D)	-	(D)	-
pounds	3,095,470	-	(D)	-	(D)	-
Irrigated	farms 9	-	-	-	-	-
acres	(D)	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	30	-	1	-	6	-
25 to 99 acres	11	-	-	-	-	-
100 to 249 acres	4	-	-	-	1	-
250 to 499 acres	1	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms 4,974	16	1	91	28	4
acres	487,011	572	(D)	5,178	2,890	286
bushels	38,015,624	30,921	(D)	366,863	158,436	16,140
Irrigated	farms 114	-	-	-	-	1
acres	17,399	-	-	(D)	-	(D)
Farms by acres harvested:						
1 to 24 acres	1,202	7	-	39	4	2
25 to 99 acres	2,277	9	1	39	17	-
100 to 249 acres	1,021	-	-	9	3	2
250 to 499 acres	378	-	-	4	3	-
500 to 999 acres	82	-	-	-	1	-
1,000 acres or more	14	-	-	-	-	-
Vegetables harvested for sale (see text)	farms 3,047	13	30	78	26	43
acres	165,620	17	55	6,199	124	1,827
Farms by acres harvested:						
0.1 to 4.9 acres	1,905	13	29	47	25	31
5.0 to 24.9 acres	598	-	1	12	-	9
25.0 to 99.9 acres	260	-	-	9	1	1
100.0 to 249.9 acres	137	-	-	2	-	-
250.0 to 499.9 acres	72	-	-	3	-	1
500.0 acres or more	75	-	-	5	-	1
500.0 to 749.9 acres	29	-	-	2	-	-
750.0 to 999.9 acres	17	-	-	2	-	-
1,000.0 acres or more	29	-	-	1	-	1
Land in orchards	farms 2,552	11	4	50	37	63
acres	98,220	45	6	1,744	57	6,754
Irrigated	farms 529	-	-	5	9	23
acres	15,278	-	-	30	2	1,489
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	1,379	8	4	15	34	15
5.0 to 24.9 acres	571	3	-	19	3	21
25.0 to 99.9 acres	323	-	-	8	-	7
100.0 to 249.9 acres	191	-	-	7	-	17
250.0 to 499.9 acres	56	-	-	1	-	2
500.0 acres or more	32	-	-	-	-	1
500.0 to 749.9 acres	22	-	-	-	-	-
750.0 to 999.9 acres	6	-	-	-	-	-
1,000.0 acres or more	4	-	-	-	-	1

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	18	-	26	27	1	41
25 to 99 acres	48	-	57	149	1	71
100 to 249 acres	36	-	48	125	-	52
250 to 499 acres	25	-	23	59	-	33
500 to 999 acres	7	-	13	16	-	17
1,000 acres or more	-	-	6	4	-	6
Sugarbeets for sugar	farms 15	-	-	77	-	-
acres	2,443	-	-	11,524	-	-
tons	63,670	-	-	249,147	-	-
Irrigated	farms -	-	-	4	-	-
acres	-	-	-	347	-	-
Farms by acres harvested:						
1 to 24 acres	3	-	-	7	-	-
25 to 99 acres	2	-	-	29	-	-
100 to 249 acres	5	-	-	30	-	-
250 to 499 acres	5	-	-	6	-	-
500 to 999 acres	-	-	-	5	-	-
1,000 acres or more	-	-	-	-	-	-
Sunflower seed, all	farms -	-	-	1	-	-
acres	-	-	-	(D)	-	-
pounds	-	-	-	(D)	-	-
Irrigated	farms -	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	1	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms 58	-	60	164	-	20
acres	6,987	-	4,416	14,939	-	1,002
bushels	506,224	-	298,656	1,176,811	-	64,038
Irrigated	farms -	-	-	1	-	-
acres	-	-	-	(D)	-	-
Farms by acres harvested:						
1 to 24 acres	8	-	22	28	-	8
25 to 99 acres	27	-	25	84	-	11
100 to 249 acres	14	-	7	37	-	1
250 to 499 acres	7	-	6	13	-	-
500 to 999 acres	2	-	-	2	-	-
1,000 acres or more	-	-	-	-	-	-
Vegetables harvested for sale (see text)	farms 18	7	25	73	19	109
acres	2,044	6	110	6,503	56	6,482
Farms by acres harvested:						
0.1 to 4.9 acres	4	7	19	23	17	45
5.0 to 24.9 acres	1	-	6	14	1	35
25.0 to 99.9 acres	6	-	-	21	1	16
100.0 to 249.9 acres	5	-	-	7	-	4
250.0 to 499.9 acres	1	-	-	5	-	6
500.0 acres or more	1	-	-	3	-	3
500.0 to 749.9 acres	1	-	-	2	-	1
750.0 to 999.9 acres	-	-	-	-	-	1
1,000.0 acres or more	-	-	-	1	-	1
Land in orchards	farms 4	6	11	10	42	227
acres	21	(D)	13	22	2,306	11,234
Irrigated	farms -	-	1	-	13	50
acres	-	-	(D)	-	167	1,131
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	2	5	10	8	15	59
5.0 to 24.9 acres	2	1	1	2	12	75
25.0 to 99.9 acres	-	-	-	-	8	57
100.0 to 249.9 acres	-	-	-	-	3	27
250.0 to 499.9 acres	-	-	-	-	4	8
500.0 acres or more	-	-	-	-	-	1
500.0 to 749.9 acres	-	-	-	-	-	1
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	56	48	34	-	2	-
25 to 99 acres	89	126	77	-	1	-
100 to 249 acres	86	71	61	1	1	-
250 to 499 acres	50	41	25	-	-	-
500 to 999 acres	30	37	27	-	-	-
1,000 acres or more	15	10	8	-	-	-
Sugarbeets for sugar	farms	-	-	-	-	-
acres	-	-	-	-	-	-
tons	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sunflower seed, all	farms	-	-	-	-	-
acres	-	-	-	-	-	-
pounds	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms	45	81	21	9	10
acres	2,783	4,491	988	112	326	(D)
bushels	185,583	319,901	59,133	5,232	18,840	(D)
Irrigated	farms	3	1	2	-	-
acres	30	(D)	(D)	-	-	-
Farms by acres harvested:						
1 to 24 acres	9	25	9	6	8	1
25 to 99 acres	29	43	10	3	1	-
100 to 249 acres	6	11	1	-	1	-
250 to 499 acres	1	2	1	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Vegetables harvested for sale (see text)	farms	27	65	49	28	23
acres	1,753	557	7,957	161	39	205
Farms by acres harvested:						
0.1 to 4.9 acres	16	48	20	21	21	18
5.0 to 24.9 acres	5	11	10	6	2	3
25.0 to 99.9 acres	2	6	3	1	-	-
100.0 to 249.9 acres	1	-	7	-	-	1
250.0 to 499.9 acres	2	-	4	-	-	-
500.0 acres or more	1	-	5	-	-	-
500.0 to 749.9 acres	1	-	1	-	-	-
750.0 to 999.9 acres	-	-	1	-	-	-
1,000.0 acres or more	-	-	3	-	-	-
Land in orchards	farms	4	38	38	32	21
acres	(D)	82	1,876	822	43	43
Irrigated	farms	-	4	11	2	1
acres	-	2	249	(D)	(D)	-
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	2	34	19	22	20	13
5.0 to 24.9 acres	1	4	14	7	1	1
25.0 to 99.9 acres	1	-	-	1	-	-
100.0 to 249.9 acres	-	-	3	1	-	-
250.0 to 499.9 acres	-	-	1	-	-	-
500.0 acres or more	-	-	1	1	-	-
500.0 to 749.9 acres	-	-	-	1	-	-
750.0 to 999.9 acres	-	-	1	-	-	-
1,000.0 acres or more	-	-	-	-	-	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	6	59	-	2	-	45
25 to 99 acres	13	170	-	-	-	109
100 to 249 acres	8	88	-	1	-	107
250 to 499 acres	1	47	-	-	-	64
500 to 999 acres	1	28	-	-	-	37
1,000 acres or more	-	10	-	-	-	16
Sugarbeets for sugar	farms	2	-	1	-	-
acres	-	(D)	-	(D)	-	-
tons	-	(D)	-	(D)	-	-
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	1	-	-
25 to 99 acres	-	1	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	1	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sunflower seed, all	farms	1	-	1	-	-
acres	(D)	-	-	(D)	-	-
pounds	(D)	-	-	(D)	-	-
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	1	-	-	1	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms	20	195	3	1	131
acres	988	15,555	-	294	(D)	12,043
bushels	60,580	1,158,708	-	4,410	(D)	767,818
Irrigated	farms	-	2	-	-	-
acres	-	(D)	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	8	67	-	-	1	30
25 to 99 acres	10	87	-	2	-	64
100 to 249 acres	2	30	-	1	-	23
250 to 499 acres	-	9	-	-	-	11
500 to 999 acres	-	1	-	-	-	3
1,000 acres or more	-	1	-	-	-	-
Vegetables harvested for sale (see text)	farms	17	31	1	17	26
acres	35	604	(D)	713	386	281
Farms by acres harvested:						
0.1 to 4.9 acres	14	23	1	11	3	22
5.0 to 24.9 acres	3	2	-	1	4	2
25.0 to 99.9 acres	-	5	-	1	1	1
100.0 to 249.9 acres	-	-	-	3	2	1
250.0 to 499.9 acres	-	1	-	1	-	-
500.0 acres or more	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-
Land in orchards	farms	13	22	-	20	17
acres	20	42	-	161	79	94
Irrigated	farms	-	1	-	4	1
acres	-	(D)	-	(D)	-	(D)
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	13	19	-	6	6	12
5.0 to 24.9 acres	-	3	-	12	7	4
25.0 to 99.9 acres	-	-	-	2	-	1
100.0 to 249.9 acres	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	-	38	16	-	5	66
25 to 99 acres	-	55	19	-	10	163
100 to 249 acres	-	43	9	-	4	103
250 to 499 acres	-	32	7	-	2	52
500 to 999 acres	-	13	2	-	-	40
1,000 acres or more	-	13	1	-	-	19
Sugarbeets for sugar	farms	1	5	-	-	25
acres	(D)	(D)	851	-	-	8,308
tons	(D)	(D)	19,218	-	-	185,032
Irrigated	farms	-	-	-	-	7
acres	-	-	-	-	-	933
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	1	2	-	-	4
100 to 249 acres	-	-	2	-	-	7
250 to 499 acres	-	-	1	-	-	7
500 to 999 acres	-	-	-	-	-	7
1,000 acres or more	-	-	-	-	-	-
Sunflower seed, all	farms	2	1	-	1	-
acres	(D)	(D)	(D)	-	(D)	-
pounds	(D)	(D)	(D)	-	(D)	-
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	1	-	-	-
25 to 99 acres	2	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	1	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms	63	33	-	19	158
acres	129	4,300	1,762	-	1,195	18,654
bushels	3,694	274,149	106,913	-	58,478	1,382,339
Irrigated	farms	-	-	-	-	9
acres	-	-	-	-	-	223
Farms by acres harvested:						
1 to 24 acres	8	22	18	-	5	34
25 to 99 acres	3	27	13	-	11	63
100 to 249 acres	-	11	1	-	3	43
250 to 499 acres	-	3	-	-	-	13
500 to 999 acres	-	-	1	-	-	4
1,000 acres or more	-	-	-	-	-	1
Vegetables harvested for sale (see text)	farms	41	70	18	4	36
acres	287	841	461	8	172	3,344
Farms by acres harvested:						
0.1 to 4.9 acres	35	52	11	4	26	14
5.0 to 24.9 acres	1	15	4	-	8	4
25.0 to 99.9 acres	5	1	2	-	2	2
100.0 to 249.9 acres	-	1	-	-	-	3
250.0 to 499.9 acres	-	1	1	-	-	-
500.0 acres or more	-	-	-	-	-	4
500.0 to 749.9 acres	-	-	-	-	-	2
750.0 to 999.9 acres	-	-	-	-	-	2
1,000.0 acres or more	-	-	-	-	-	-
Land in orchards	farms	29	25	8	5	159
acres	111	165	29	6	7,279	38
Irrigated	farms	4	5	1	1	75
acres	4	1	(D)	(D)	2,234	(D)
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	19	21	6	5	54	3
5.0 to 24.9 acres	10	3	2	-	46	-
25.0 to 99.9 acres	-	-	-	-	38	1
100.0 to 249.9 acres	-	1	-	-	13	-
250.0 to 499.9 acres	-	-	-	-	6	-
500.0 acres or more	-	-	-	-	2	-
500.0 to 749.9 acres	-	-	-	-	2	-
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	76	-	42	42	47	6
25 to 99 acres	131	-	176	80	145	7
100 to 249 acres	79	-	149	53	90	5
250 to 499 acres	54	-	54	29	34	4
500 to 999 acres	45	-	22	19	29	-
1,000 acres or more	16	-	2	16	10	-
Sugarbeets for sugar	farms	-	219	-	1	-
acres	-	-	58,505	-	(D)	-
tons	-	-	1,568,009	-	(D)	-
Irrigated	farms	-	4	-	1	-
acres	-	-	240	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	-	-	8	-	-	-
25 to 99 acres	-	-	64	-	-	-
100 to 249 acres	-	-	75	-	-	-
250 to 499 acres	-	-	49	-	-	-
500 to 999 acres	-	-	13	-	1	-
1,000 acres or more	-	-	10	-	-	-
Sunflower seed, all	farms	-	-	-	-	-
acres	-	-	-	-	-	-
pounds	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms	1	435	95	165	15
acres	9,216	(D)	75,200	11,915	10,906	649
bushels	725,304	(D)	7,342,679	878,267	800,897	45,424
Irrigated	farms	-	2	-	-	-
acres	(D)	-	(D)	-	-	-
Farms by acres harvested:						
1 to 24 acres	37	-	30	24	59	6
25 to 99 acres	41	-	188	43	73	7
100 to 249 acres	24	-	102	17	26	2
250 to 499 acres	10	1	88	5	6	-
500 to 999 acres	-	-	24	5	1	-
1,000 acres or more	-	-	3	1	-	-
Vegetables harvested for sale (see text)	farms	23	31	48	36	9
acres	367	77	269	170	1,375	15
Farms by acres harvested:						
0.1 to 4.9 acres	26	18	27	40	30	9
5.0 to 24.9 acres	16	5	3	7	2	-
25.0 to 99.9 acres	4	-	-	1	2	-
100.0 to 249.9 acres	-	-	1	-	1	-
250.0 to 499.9 acres	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	1	-
500.0 to 749.9 acres	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	1	-
1,000.0 acres or more	-	-	-	-	-	-
Land in orchards	farms	13	20	40	22	19
acres	175	14	21	72	159	28
Irrigated	farms	4	-	2	6	8
acres	(D)	3	-	(D)	84	15
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	16	13	20	36	17	19
5.0 to 24.9 acres	8	-	-	4	3	-
25.0 to 99.9 acres	1	-	-	-	2	-
100.0 to 249.9 acres	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	2	45	34	34	-	25
25 to 99 acres	-	124	79	47	-	61
100 to 249 acres	-	87	62	34	1	38
250 to 499 acres	-	44	20	25	-	20
500 to 999 acres	-	18	15	16	-	9
1,000 acres or more	-	6	6	5	-	5
Sugarbeets for sugar	farms	1	-	-	-	-
acres	-	(D)	-	-	-	-
tons	-	(D)	-	-	-	-
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	1	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sunflower seed, all	farms	-	-	-	2	-
acres	-	-	-	-	(D)	-
pounds	-	-	-	-	(D)	-
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	2	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms	123	88	29	16	69
acres	192	11,480	6,219	2,835	1,160	6,102
bushels	10,040	756,319	412,477	204,681	64,458	396,676
Irrigated	farms	2	-	2	1	3
acres	-	(D)	-	(D)	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	2	35	21	5	12	22
25 to 99 acres	2	62	46	14	1	32
100 to 249 acres	-	15	18	7	1	11
250 to 499 acres	-	9	2	3	2	1
500 to 999 acres	-	1	1	-	-	3
1,000 acres or more	-	1	-	-	-	-
Vegetables harvested for sale (see text)	farms	30	54	51	11	79
acres	497	1,691	513	1,353	1,841	2,797
Farms by acres harvested:						
0.1 to 4.9 acres	2	9	39	38	6	40
5.0 to 24.9 acres	-	13	8	6	2	24
25.0 to 99.9 acres	-	4	5	-	-	12
100.0 to 249.9 acres	4	1	2	6	-	2
250.0 to 499.9 acres	-	3	-	-	-	-
500.0 acres or more	-	-	-	1	3	1
500.0 to 749.9 acres	-	-	-	1	3	-
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	1
Land in orchards	farms	22	23	26	11	101
acres	3	61	66	518	23	10,051
Irrigated	farms	-	3	5	3	33
acres	-	-	2	7	15	2,955
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	4	14	21	10	8	26
5.0 to 24.9 acres	-	8	2	10	3	10
25.0 to 99.9 acres	-	-	-	5	-	26
100.0 to 249.9 acres	-	-	-	-	-	28
250.0 to 499.9 acres	-	-	-	1	-	7
500.0 acres or more	-	-	-	-	-	4
500.0 to 749.9 acres	-	-	-	-	-	4
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	-	2	51	-	89	18
25 to 99 acres	-	3	93	2	172	39
100 to 249 acres	-	2	70	1	127	34
250 to 499 acres	-	-	30	1	81	16
500 to 999 acres	-	-	21	-	61	10
1,000 acres or more	-	-	8	-	35	3
Sugarbeets for sugar	farms	-	4	-	-	-
acres	-	-	1,339	-	-	-
tons	-	-	32,796	-	-	-
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	2	-	-	-
250 to 499 acres	-	-	2	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sunflower seed, all	farms	-	-	-	2	2
acres	-	-	-	-	(D)	(D)
pounds	-	-	-	-	(D)	(D)
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	2	-
25 to 99 acres	-	-	-	-	-	1
100 to 249 acres	-	-	-	-	-	1
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms	4	94	5	284	41
acres	-	210	6,855	275	27,203	4,472
bushels	-	14,260	522,071	19,352	2,300,892	288,910
Irrigated	farms	-	-	-	2	-
acres	-	-	-	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	-	2	28	1	59	11
25 to 99 acres	-	1	44	3	123	17
100 to 249 acres	-	1	18	1	78	8
250 to 499 acres	-	-	4	-	22	4
500 to 999 acres	-	-	-	-	2	1
1,000 acres or more	-	-	-	-	-	-
Vegetables harvested for sale (see text)	farms	9	65	54	61	59
acres	-	49	2,036	137	2,356	1,017
Farms by acres harvested:						
0.1 to 4.9 acres	-	6	35	44	42	51
5.0 to 24.9 acres	-	3	17	10	9	3
25.0 to 99.9 acres	-	-	11	-	4	4
100.0 to 249.9 acres	-	-	-	-	3	-
250.0 to 499.9 acres	-	-	1	-	2	-
500.0 acres or more	-	-	1	-	1	1
500.0 to 749.9 acres	-	-	-	-	-	1
750.0 to 999.9 acres	-	-	1	-	1	-
1,000.0 acres or more	-	-	-	-	-	-
Land in orchards	farms	6	39	198	36	43
acres	15	15	174	15,206	603	156
Irrigated	farms	-	4	57	17	3
acres	-	(D)	23	2,006	(D)	(D)
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	6	6	28	40	25	36
5.0 to 24.9 acres	-	2	10	53	9	6
25.0 to 99.9 acres	-	-	1	65	1	1
100.0 to 249.9 acres	-	-	-	30	-	-
250.0 to 499.9 acres	-	-	-	5	1	-
500.0 acres or more	-	-	-	5	-	-
500.0 to 749.9 acres	-	-	-	2	-	-
750.0 to 999.9 acres	-	-	-	2	-	-
1,000.0 acres or more	-	-	-	1	-	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	-	-	14	3	-	11
25 to 99 acres	-	-	42	9	-	28
100 to 249 acres	-	-	42	-	-	17
250 to 499 acres	-	-	24	-	-	7
500 to 999 acres	-	-	19	-	-	2
1,000 acres or more	-	-	4	-	-	-
Sugarbeets for sugar	farms	1	-	-	-	-
acres	-	(D)	-	-	-	-
tons	-	(D)	-	-	-	-
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	1	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sunflower seed, all	farms	-	-	-	-	2
acres	-	-	-	-	-	(D)
pounds	-	-	-	-	-	(D)
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	2
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms	3	28	7	-	74
acres	-	132	1,902	169	-	4,663
bushels	-	(D)	134,453	8,087	-	253,909
Irrigated	farms	-	-	1	-	1
acres	-	-	-	(D)	-	(D)
Farms by acres harvested:						
1 to 24 acres	-	2	10	4	-	24
25 to 99 acres	-	1	10	3	-	29
100 to 249 acres	-	-	7	-	-	19
250 to 499 acres	-	-	1	-	-	2
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Vegetables harvested for sale (see text)	farms	3	64	23	26	46
acres	(D)	20	2,099	255	41	3,184
Farms by acres harvested:						
0.1 to 4.9 acres	2	8	28	15	25	28
5.0 to 24.9 acres	-	1	16	6	1	2
25.0 to 99.9 acres	-	-	16	1	-	7
100.0 to 249.9 acres	-	-	3	1	-	8
250.0 to 499.9 acres	1	-	1	-	-	-
500.0 acres or more	-	-	-	-	-	1
500.0 to 749.9 acres	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	1
Land in orchards	farms	3	26	28	9	46
acres	(D)	22	599	1,384	20	3,817
Irrigated	farms	-	9	5	4	8
acres	-	-	95	316	(D)	(D)
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	3	6	12	15	8	30
5.0 to 24.9 acres	-	2	7	5	1	5
25.0 to 99.9 acres	-	-	6	2	-	5
100.0 to 249.9 acres	-	-	1	5	-	2
250.0 to 499.9 acres	-	-	-	1	-	1
500.0 acres or more	-	-	-	-	-	3
500.0 to 749.9 acres	-	-	-	-	-	2
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	1

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	6	6	35	-	108	45
25 to 99 acres	16	-	50	-	150	83
100 to 249 acres	18	-	26	-	121	52
250 to 499 acres	5	-	13	-	68	19
500 to 999 acres	3	1	16	-	41	10
1,000 acres or more	-	-	3	-	11	5
Sugarbeets for sugar	farms	-	14	-	-	5
acres	-	-	2,731	-	-	695
tons	-	-	58,567	-	-	23,237
Irrigated	farms	-	-	-	-	5
acres	-	-	-	-	-	449
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	7	-	-	2
100 to 249 acres	-	-	4	-	-	3
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	3	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sunflower seed, all	farms	1	1	-	-	-
acres	(D)	(D)	(D)	-	-	-
pounds	-	(D)	(D)	-	-	-
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	1	-	-	-	-
25 to 99 acres	-	-	1	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms	9	37	8	204	111
acres	3,052	1,117	2,452	472	16,817	18,124
bushels	194,503	51,390	170,548	26,792	1,354,096	1,296,001
Irrigated	farms	5	1	-	-	28
acres	1,022	-	(D)	-	-	10,421
Farms by acres harvested:						
1 to 24 acres	7	3	15	1	60	23
25 to 99 acres	12	3	15	7	88	56
100 to 249 acres	10	2	6	-	40	19
250 to 499 acres	1	-	1	-	16	7
500 to 999 acres	1	1	-	-	-	2
1,000 acres or more	-	-	-	-	-	4
Vegetables harvested for sale (see text)	farms	20	36	17	71	47
acres	6,784	36	382	63	5,760	19,781
Farms by acres harvested:						
0.1 to 4.9 acres	31	18	31	11	34	20
5.0 to 24.9 acres	17	2	2	6	23	8
25.0 to 99.9 acres	4	-	2	-	6	7
100.0 to 249.9 acres	-	-	1	-	1	5
250.0 to 499.9 acres	1	-	-	-	3	1
500.0 acres or more	2	-	-	-	4	6
500.0 to 749.9 acres	-	-	-	-	-	1
750.0 to 999.9 acres	-	-	-	-	2	1
1,000.0 acres or more	2	-	-	-	2	4
Land in orchards	farms	21	20	6	35	19
acres	76	58	52	(D)	132	617
Irrigated	farms	1	1	2	1	5
acres	(D)	(D)	(D)	(D)	(D)	(D)
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	12	19	18	6	29	12
5.0 to 24.9 acres	-	2	2	-	5	2
25.0 to 99.9 acres	2	-	-	-	1	3
100.0 to 249.9 acres	-	-	-	-	-	2
250.0 to 499.9 acres	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	2	10	22	3	13	14
25 to 99 acres	5	20	44	6	23	6
100 to 249 acres	8	10	20	6	14	7
250 to 499 acres	5	6	6	3	8	9
500 to 999 acres	1	4	5	1	3	-
1,000 acres or more	-	2	4	-	-	1
Sugarbeets for sugar	1	-	-	-	-	1
farms						
acres	(D)	-	-	-	-	(D)
tons	(D)	-	-	-	-	(D)
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	1	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	1
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sunflower seed, all	-	-	1	-	-	-
farms						
acres	-	-	(D)	-	-	-
pounds	-	-	(D)	-	-	-
Irrigated	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	1	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	11	22	42	9	44	28
farms						
acres	840	1,758	3,868	656	4,080	3,129
bushels	40,212	82,404	272,759	45,883	231,405	227,181
Irrigated	-	-	8	-	8	-
farms						
acres	-	-	364	-	815	-
Farms by acres harvested:						
1 to 24 acres	3	4	8	3	5	2
25 to 99 acres	7	12	18	3	25	11
100 to 249 acres	-	5	14	2	10	12
250 to 499 acres	1	1	2	1	3	3
500 to 999 acres	-	-	-	-	1	-
1,000 acres or more	-	-	-	-	-	-
Vegetables harvested for sale (see text)	10	52	50	59	104	5
farms						
acres	38	2,141	7,553	489	15,381	(D)
Farms by acres harvested:						
0.1 to 4.9 acres	6	42	28	45	11	2
5.0 to 24.9 acres	4	6	4	12	26	2
25.0 to 99.9 acres	-	2	6	-	26	-
100.0 to 249.9 acres	-	-	5	2	24	-
250.0 to 499.9 acres	-	1	3	-	8	1
500.0 acres or more	-	1	4	-	9	-
500.0 to 749.9 acres	-	-	2	-	5	-
750.0 to 999.9 acres	-	-	-	-	3	-
1,000.0 acres or more	-	1	2	-	1	-
Land in orchards	9	34	32	35	106	13
farms						
acres	11	2,741	1,878	361	13,288	46
Irrigated	-	19	12	3	17	-
farms						
acres	-	(D)	963	3	705	-
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	9	22	12	24	35	10
5.0 to 24.9 acres	-	2	10	8	18	3
25.0 to 99.9 acres	-	4	4	-	17	-
100.0 to 249.9 acres	-	1	5	3	18	-
250.0 to 499.9 acres	-	4	-	-	10	-
500.0 acres or more	-	1	1	-	8	-
500.0 to 749.9 acres	-	-	-	-	6	-
750.0 to 999.9 acres	-	1	1	-	1	-
1,000.0 acres or more	-	-	-	-	1	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	-	3	-	-	58	7
25 to 99 acres	-	4	3	7	93	22
100 to 249 acres	-	8	-	1	41	1
250 to 499 acres	-	-	-	1	17	4
500 to 999 acres	-	-	-	-	19	2
1,000 acres or more	-	-	-	-	2	1
Sugarbeets for sugar	farms	-	-	-	-	-
acres	-	-	-	-	-	-
tons	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Sunflower seed, all	farms	-	-	-	7	-
acres	-	-	-	-	43	-
pounds	-	-	-	-	34,640	-
Irrigated	farms	-	-	-	6	-
acres	-	-	-	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	-	7	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms	1	23	1	9	68
acres	(D)	1,425	(D)	898	4,070	3,632
bushels	(D)	93,158	(D)	45,456	256,180	206,281
Irrigated	farms	1	-	1	3	1
acres	-	(D)	-	(D)	180	(D)
Farms by acres harvested:						
1 to 24 acres	1	14	1	2	27	12
25 to 99 acres	-	6	-	4	29	11
100 to 249 acres	-	2	-	2	11	7
250 to 499 acres	-	-	-	1	1	1
500 to 999 acres	-	1	-	-	-	2
1,000 acres or more	-	-	-	-	-	-
Vegetables harvested for sale (see text)	farms	2	16	6	13	76
acres	(D)	(D)	5	884	3,643	1,522
Farms by acres harvested:						
0.1 to 4.9 acres	-	11	6	6	35	10
5.0 to 24.9 acres	2	3	-	3	17	1
25.0 to 99.9 acres	-	1	-	1	15	2
100.0 to 249.9 acres	-	-	-	2	5	-
250.0 to 499.9 acres	-	-	-	1	3	2
500.0 acres or more	-	1	-	-	1	1
500.0 to 749.9 acres	-	1	-	-	1	1
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-
Land in orchards	farms	2	11	3	15	7
acres	(D)	17	3	14	4,663	25
Irrigated	farms	-	1	-	14	2
acres	-	(D)	-	-	563	(D)
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	2	10	3	15	27	5
5.0 to 24.9 acres	-	1	-	-	19	2
25.0 to 99.9 acres	-	-	-	-	10	-
100.0 to 249.9 acres	-	-	-	-	12	-
250.0 to 499.9 acres	-	-	-	-	2	-
500.0 acres or more	-	-	-	-	2	-
500.0 to 749.9 acres	-	-	-	-	2	-
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	-	105	61	66	67	-
25 to 99 acres	-	255	117	85	181	1
100 to 249 acres	-	152	105	71	223	-
250 to 499 acres	-	71	64	41	93	-
500 to 999 acres	-	56	45	33	48	-
1,000 acres or more	-	12	9	8	20	-
Sugarbeets for sugar	farms	91	11	-	107	1
acres	-	14,784	1,652	-	24,907	(D)
tons	-	360,168	39,806	-	642,356	(D)
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	8	-	-	6	-
25 to 99 acres	-	48	2	-	32	1
100 to 249 acres	-	19	8	-	33	-
250 to 499 acres	-	8	-	-	25	-
500 to 999 acres	-	5	1	-	9	-
1,000 acres or more	-	3	-	-	2	-
Sunflower seed, all	farms	4	-	2	-	-
acres	-	220	-	(D)	-	-
pounds	-	500,000	-	(D)	-	-
Irrigated	farms	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	-	2	-	-
25 to 99 acres	-	4	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms	253	109	32	393	1
acres	-	20,837	8,445	2,036	44,361	(D)
bushels	-	1,543,198	628,401	154,576	3,913,929	(D)
Irrigated	farms	-	-	12	1	-
acres	-	-	-	1,165	(D)	-
Farms by acres harvested:						
1 to 24 acres	-	49	27	10	51	-
25 to 99 acres	-	138	54	15	184	-
100 to 249 acres	-	50	22	4	116	1
250 to 499 acres	-	15	5	3	35	-
500 to 999 acres	-	1	1	-	6	-
1,000 acres or more	-	-	-	-	1	-
Vegetables harvested for sale (see text)	farms	4	61	53	57	5
acres	3	6,785	977	14,571	423	13
Farms by acres harvested:						
0.1 to 4.9 acres	4	38	42	21	37	4
5.0 to 24.9 acres	-	6	9	3	19	1
25.0 to 99.9 acres	-	1	9	7	-	-
100.0 to 249.9 acres	-	-	-	12	1	-
250.0 to 499.9 acres	-	3	1	6	-	-
500.0 acres or more	-	4	-	4	-	-
500.0 to 749.9 acres	-	-	-	1	-	-
750.0 to 999.9 acres	-	1	-	-	-	-
1,000.0 acres or more	-	3	-	3	-	-
Land in orchards	farms	29	31	26	27	-
acres	-	59	51	233	123	-
Irrigated	farms	3	4	6	1	-
acres	-	5	6	21	(D)	-
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	-	23	30	22	16	-
5.0 to 24.9 acres	-	6	1	3	11	-
25.0 to 99.9 acres	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	1	-	-
250.0 to 499.9 acres	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-

--continued

Table 24. Selected Crops Harvested: 2017 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	57	70	28	34	5	-
25 to 99 acres	142	171	31	116	17	2
100 to 249 acres	109	108	27	102	5	-
250 to 499 acres	52	86	11	51	4	1
500 to 999 acres	34	35	3	24	1	-
1,000 acres or more	17	5	6	7	-	-
Sugarbeets for sugar	farms 5	72	-	-	-	-
acres	498	15,760	-	-	-	-
tons	8,792	401,944	-	-	-	-
Irrigated	farms -	4	-	-	-	-
acres	-	366	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	4	-	-	-	-
25 to 99 acres	2	22	-	-	-	-
100 to 249 acres	3	26	-	-	-	-
250 to 499 acres	-	13	-	-	-	-
500 to 999 acres	-	6	-	-	-	-
1,000 acres or more	-	1	-	-	-	-
Sunflower seed, all	farms 2	-	3	2	-	-
acres	(D)	-	3	(D)	-	-
pounds	(D)	-	420	(D)	-	-
Irrigated	farms -	-	3	-	-	-
acres	-	-	3	-	-	-
Farms by acres harvested:						
1 to 24 acres	-	-	3	-	-	-
25 to 99 acres	-	-	-	2	-	-
100 to 249 acres	2	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-
Wheat for grain, all	farms 140	248	13	151	4	4
acres	17,155	33,521	646	10,890	(D)	(D)
bushels	1,289,577	2,759,305	49,592	817,538	(D)	(D)
Irrigated	farms 1	7	1	1	-	-
acres	(D)	637	(D)	(D)	-	-
Farms by acres harvested:						
1 to 24 acres	35	34	7	31	3	1
25 to 99 acres	53	120	4	80	1	2
100 to 249 acres	28	58	2	37	-	-
250 to 499 acres	19	25	-	3	-	1
500 to 999 acres	4	10	-	-	-	-
1,000 acres or more	1	1	-	-	-	-
Vegetables harvested for sale (see text)	farms 30	65	67	111	81	10
acres	120	3,634	8,190	897	624	14
Farms by acres harvested:						
0.1 to 4.9 acres	23	34	27	72	59	9
5.0 to 24.9 acres	6	20	27	34	20	1
25.0 to 99.9 acres	1	6	2	3	1	-
100.0 to 249.9 acres	-	1	7	2	-	-
250.0 to 499.9 acres	-	-	3	-	1	-
500.0 acres or more	-	4	1	-	-	-
500.0 to 749.9 acres	-	2	-	-	-	-
750.0 to 999.9 acres	-	1	-	-	-	-
1,000.0 acres or more	-	1	1	-	-	-
Land in orchards	farms 17	21	141	69	18	16
acres	95	65	6,833	333	43	47
Irrigated	farms 1	2	15	17	8	1
acres	(D)	(D)	330	59	5	(D)
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	15	20	36	49	17	13
5.0 to 24.9 acres	1	-	51	19	-	3
25.0 to 99.9 acres	1	1	36	1	1	-
100.0 to 249.9 acres	-	-	14	-	-	-
250.0 to 499.9 acres	-	-	2	-	-	-
500.0 acres or more	-	-	2	-	-	-
500.0 to 749.9 acres	-	-	2	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-

Table 25. Field Crops: 2017 and 2012

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BARLEY FOR GRAIN (BUSHEL)										
State Total										
Michigan	183	5,740	272,067	1	(D)	321	9,571	422,456	3	(D)
Counties										
Alcona.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Alger.....	2	(D)	(D)	-	-	6	303	10,361	-	-
Allegan.....	1	(D)	(D)	-	-	3	(D)	(D)	-	-
Alpena.....	6	176	8,080	-	-	15	214	9,900	-	-
Arenac.....	1	(D)	(D)	-	-	-	-	-	-	-
Baraga.....	-	-	-	-	-	4	900	18,382	-	-
Barry.....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Bay.....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Berrien.....	-	-	-	-	-	2	(D)	(D)	-	-
Calhoun.....	2	(D)	(D)	-	-	-	-	-	-	-
Cass.....	7	318	11,681	-	-	3	11	220	-	-
Charlevoix.....	5	118	5,334	-	-	3	125	7,300	-	-
Cheboygan.....	9	144	7,930	-	-	12	188	8,960	-	-
Chippewa.....	3	(D)	(D)	-	-	14	509	16,984	-	-
Clare.....	3	74	(D)	-	-	4	74	3,680	-	-
Clinton.....	6	24	1,440	-	-	2	(D)	(D)	-	-
Crawford.....	-	-	-	-	-	1	(D)	(D)	-	-
Delta.....	14	802	39,903	-	-	24	1,202	66,565	-	-
Dickinson.....	-	-	-	-	-	5	136	4,906	-	-
Eaton.....	3	40	900	-	-	-	-	-	-	-
Emmet.....	4	60	3,520	-	-	7	145	7,790	-	-
Genesee.....	3	14	680	-	-	8	186	8,255	-	-
Gladwin.....	3	(D)	(D)	-	-	7	83	3,662	-	-
Gogebic.....	-	-	-	-	-	2	(D)	(D)	-	-
Grand Traverse.....	8	767	47,430	-	-	4	159	4,610	-	-
Gratiot.....	-	-	-	-	-	2	(D)	(D)	-	-
Hillsdale.....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Houghton.....	3	250	(D)	-	-	3	268	(D)	-	-
Huron.....	5	166	9,688	-	-	6	226	12,680	-	-
Ingham.....	-	-	-	-	-	2	(D)	(D)	-	-
Ionia.....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Iosco.....	1	(D)	(D)	-	-	4	111	3,600	-	-
Iron.....	9	150	5,174	-	-	5	57	2,520	-	-
Isabella.....	4	253	14,003	-	-	9	281	16,574	-	-
Jackson.....	4	45	1,799	-	-	2	(D)	(D)	-	-
Kalamazoo.....	1	(D)	(D)	-	-	-	-	-	-	-
Kalkaska.....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Kent.....	4	106	2,240	-	-	-	-	-	-	-
Lapeer.....	2	(D)	(D)	-	-	4	111	4,950	-	-
Leelanau.....	-	-	-	-	-	3	8	345	2	(D)
Lenawee.....	1	(D)	(D)	-	-	6	174	7,778	-	-
Livingston.....	-	-	-	-	-	1	(D)	(D)	-	-
Luce.....	-	-	-	-	-	1	(D)	(D)	-	-
Mackinac.....	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Macomb.....	-	-	-	-	-	1	(D)	(D)	-	-
Marquette.....	1	(D)	(D)	-	-	6	195	3,626	-	-
Mason.....	-	-	-	-	-	3	26	1,034	-	-
Mecosta.....	1	(D)	(D)	-	-	6	101	4,895	-	-
Menominee.....	22	752	35,513	-	-	31	1,209	56,352	-	-
Missaukee.....	-	-	-	-	-	1	(D)	(D)	-	-
Monroe.....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Montcalm.....	1	-	-	-	-	4	26	1,820	1	(D)
Newaygo.....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Oceana.....	2	(D)	(D)	-	-	3	18	420	-	-
Ogemaw.....	1	(D)	(D)	-	-	3	87	(D)	-	-
Ontonagon.....	2	(D)	(D)	-	-	4	119	3,962	-	-
Osceola.....	2	(D)	(D)	-	-	5	98	5,607	-	-
Oscoda.....	3	70	4,500	-	-	5	185	10,200	-	-
Otsego.....	-	-	-	-	-	7	89	4,740	-	-
Ottawa.....	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Presque Isle.....	6	73	2,770	-	-	8	176	10,050	-	-
Saginaw.....	-	-	-	-	-	3	39	1,786	-	-
St. Clair.....	2	(D)	(D)	-	-	6	25	930	-	-
St. Joseph.....	5	34	1,686	1	(D)	7	66	1,528	-	-
Sanilac.....	2	(D)	(D)	-	-	3	(D)	5,277	-	-
Schoolcraft.....	1	(D)	(D)	-	-	-	-	-	-	-
Shiawassee.....	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Tuscola.....	3	25	950	-	-	10	351	19,770	-	-
Van Buren.....	-	-	-	-	-	3	150	7,500	-	-
Washtenaw.....	2	(D)	(D)	-	-	6	124	9,430	-	-
Wexford.....	-	-	-	-	-	1	(D)	(D)	-	-
BUCKWHEAT (BUSHEL)										
State Total										
Michigan	14	134	2,403	2	(D)	13	304	4,989	-	-
Counties										
Alpena.....	-	-	-	-	-	1	(D)	(D)	-	-
Calhoun.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Cass.....	1	(D)	(D)	-	-	-	-	-	-	-
Charlevoix.....	3	9	310	-	-	1	(D)	(D)	-	-
Cheboygan.....	1	(D)	(D)	-	-	-	-	-	-	-
Clare.....	-	-	-	-	-	1	(D)	(D)	-	-
Houghton.....	-	-	-	-	-	2	(D)	(D)	-	-

--continued

Table 25. Field Crops: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BUCKWHEAT (BUSHELS) - Con.										
Counties - Con.										
Ingham	2	(D)	(D)	-	-	-	-	-	-	-
Isabella	1	(D)	(D)	-	-	-	-	-	-	-
Kent	-	-	-	-	-	2	(D)	(D)	-	-
Mecosta	-	-	-	-	-	2	(D)	(D)	-	-
Montcalm	-	-	-	-	-	1	(D)	(D)	-	-
Otsego	2	(D)	(D)	-	-	-	-	-	-	-
St. Joseph	2	(D)	(D)	2	(D)	-	-	-	-	-
Sanilac	-	-	-	-	-	2	(D)	(D)	-	-
CAMELINA (POUNDS)										
State Total										
Michigan	1	(D)	(D)	-	-	-	-	-	-	-
Counties										
Clinton	1	(D)	(D)	-	-	-	-	-	-	-
CANOLA (POUNDS)										
State Total										
Michigan	1	(D)	(D)	-	-	3	(D)	(D)	-	-
Counties										
Antrim	-	-	-	-	-	1	(D)	(D)	-	-
Clare	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Ingham	-	-	-	-	-	1	(D)	(D)	-	-
CORN FOR GRAIN (BUSHELS)										
State Total										
Michigan	11,195	2,168,204	344,533,785	1,030	313,638	13,907	2,393,504	313,802,471	1,056	308,372
Counties										
Alcona	30	2,712	378,232	-	-	25	3,248	274,343	-	-
Alger	3	105	10,976	-	-	3	(D)	(D)	-	-
Allegan	291	67,317	11,685,125	49	9,557	341	93,484	11,400,265	51	15,970
Alpena	35	4,916	675,215	-	-	62	5,304	557,114	-	-
Antrim	30	1,506	182,515	4	177	57	3,607	303,313	4	103
Arenac	113	16,034	2,444,220	-	-	104	13,279	1,902,046	-	-
Baraga	3	135	18,900	-	-	4	52	2,004	-	-
Barry	183	32,789	5,393,238	8	1,453	206	33,761	3,655,509	13	1,730
Bay	349	59,195	9,724,791	9	1,688	346	62,105	9,733,297	20	1,988
Benzie	15	1,224	163,112	1	(D)	21	1,720	65,303	-	-
Berrien	192	44,928	7,476,440	36	9,849	227	45,400	6,185,013	45	8,563
Branch	306	92,925	14,518,654	90	31,430	377	86,564	10,449,642	90	27,498
Calhoun	305	69,426	9,488,519	38	7,312	361	69,095	6,305,188	25	6,221
Cass	244	76,640	11,935,071	95	41,555	265	85,695	13,379,045	91	45,496
Charlevoix	32	2,417	268,208	-	-	46	3,029	262,601	-	-
Cheboygan	5	(D)	(D)	-	-	16	829	76,402	1	(D)
Chippewa	-	-	-	-	-	2	(D)	(D)	1	(D)
Clare	51	2,337	334,312	-	-	69	3,474	435,810	-	-
Clinton	293	52,562	7,771,457	5	590	376	63,166	9,107,622	7	834
Crawford	2	(D)	(D)	-	-	5	41	2,710	-	-
Delta	18	1,589	169,764	-	-	37	2,765	282,164	1	(D)
Dickinson	5	208	25,060	-	-	13	875	87,832	1	(D)
Eaton	281	53,048	8,889,906	4	175	393	61,995	7,537,074	12	799
Emmet	18	474	48,713	-	-	28	816	72,596	-	-
Genesee	162	29,567	4,426,902	2	(D)	172	30,230	3,927,755	-	-
Gladwin	86	4,822	718,796	-	-	134	6,787	859,458	-	-
Gogebic	-	-	-	-	-	4	44	4,960	2	(D)
Grand Traverse	44	4,022	516,042	4	94	66	7,401	625,989	4	(D)
Gratiot	332	85,331	13,131,021	38	5,023	371	91,299	14,776,349	24	4,065
Hillsdale	299	67,520	10,558,633	25	5,028	392	68,583	7,702,360	29	4,575
Houghton	8	560	72,472	-	-	7	342	29,257	-	-
Huron	454	91,560	17,131,948	6	811	566	102,168	15,216,015	11	984
Ingham	167	48,901	7,833,259	4	541	254	64,296	7,921,014	2	(D)
Ionia	333	66,036	10,939,560	8	2,603	418	76,667	10,946,684	16	3,276
Iosco	30	3,587	510,688	1	(D)	44	4,075	536,635	-	-
Iron	1	(D)	(D)	-	-	-	-	-	-	-
Isabella	271	35,146	5,367,704	8	443	266	34,126	5,000,529	4	1,550
Jackson	221	44,352	5,710,143	14	2,462	305	51,421	4,266,920	13	2,350
Kalamazoo	165	50,140	7,605,497	71	27,393	194	58,662	6,960,015	64	27,999
Kalkaska	4	143	14,240	-	-	20	1,099	74,384	-	-
Kent	190	39,658	5,944,078	18	6,882	245	39,383	5,019,272	14	3,509
Lake	8	856	111,633	-	-	20	1,917	223,861	-	-
Lapeer	213	36,032	6,152,838	1	(D)	259	37,823	5,625,112	7	273
Leelanau	36	2,788	314,474	2	(D)	43	2,434	117,341	3	(D)
Lenawee	452	110,522	19,632,966	21	7,187	482	94,238	9,320,607	9	2,512
Livingston	101	16,630	2,516,325	-	-	136	19,128	2,163,494	-	-
Mackinac	-	-	-	-	-	3	28	2,493	-	-
Macomb	97	14,525	2,454,366	1	(D)	133	15,606	2,391,540	12	288
Manistee	36	4,651	522,677	3	(D)	55	3,937	250,026	4	380
Marquette	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Mason	96	14,223	2,234,769	12	1,394	106	13,684	1,760,157	9	1,091
Mecosta	178	19,406	2,642,012	14	8,798	241	26,314	3,376,384	17	7,944
Menominee	33	4,622	451,102	-	-	69	8,603	740,475	-	-

--continued

Table 25. Field Crops: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN (BUSHEL) - Con.										
Counties - Con.										
Midland.....	125	17,191	2,795,279	4	394	156	23,804	3,857,074	4	493
Missaukee.....	53	8,108	1,188,093	10	850	74	9,180	1,131,202	12	1,280
Monroe.....	349	60,372	10,995,175	6	932	454	76,225	7,831,986	8	2,919
Montcalm.....	281	63,784	9,193,007	59	25,340	357	62,334	8,521,972	75	21,436
Montmorency.....	9	993	120,442	-	-	19	1,515	162,292	-	-
Muskegon.....	71	8,599	1,249,352	3	(D)	104	10,880	1,231,392	10	985
Newaygo.....	166	19,713	2,739,919	24	4,080	256	23,278	2,931,947	10	2,078
Oakland.....	17	2,234	335,564	-	-	27	3,997	473,807	-	-
Oceana.....	124	20,565	2,836,277	23	5,540	162	21,480	2,613,894	24	4,869
Ogemaw.....	62	8,378	1,262,626	-	-	61	9,283	1,170,943	-	-
Ontonagon.....	-	-	-	-	-	3	31	(D)	-	-
Osceola.....	77	6,375	853,948	1	(D)	117	8,331	912,392	2	(D)
Oscoda.....	8	448	62,109	-	-	19	614	53,306	-	-
Otsego.....	14	731	95,128	3	(D)	26	1,080	98,137	-	-
Ottawa.....	241	41,952	6,962,382	26	8,950	334	43,598	5,213,936	36	7,430
Presque Isle.....	50	5,146	710,366	2	(D)	47	5,027	657,434	2	(D)
Roscommon.....	-	-	-	-	-	2	(D)	(D)	-	-
Saginaw.....	522	100,075	16,160,127	7	937	616	101,166	15,163,372	5	626
St. Clair.....	182	26,077	4,310,749	2	(D)	254	38,878	5,765,907	2	(D)
St. Joseph.....	385	100,831	14,049,421	192	71,058	421	98,336	14,796,293	186	72,244
Sanilac.....	449	82,155	15,332,418	6	550	576	101,843	15,659,567	4	291
Schoolcraft.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Shiawassee.....	292	44,077	6,558,978	27	(D)	365	57,460	8,058,367	5	378
Tuscola.....	440	81,008	13,378,127	2	2,813	476	88,716	13,874,115	23	2,570
Van Buren.....	115	40,307	6,771,823	28	14,418	201	55,362	7,603,896	28	18,996
Washtenaw.....	282	44,136	6,501,058	12	1,635	294	43,590	3,485,635	12	846
Wayne.....	26	1,124	117,632	-	-	44	2,800	253,731	1	(D)
Wexford.....	31	4,934	752,546	1	(D)	51	3,385	295,555	1	(D)
DRY EDIBLE BEANS, EXCLUDING CHICKPEAS AND LIMAS (CWT) (SEE TEXT)										
State Total										
Michigan.....	1,085	225,334	4,487,274	58	10,376	1,120	188,526	3,471,642	56	7,100
Counties										
Alcona.....	10	1,340	25,058	-	-	6	980	11,106	-	-
Alger.....	-	-	-	-	-	1	(D)	(D)	-	-
Allegan.....	6	422	8,734	3	314	-	-	-	-	-
Alpena.....	11	1,354	23,301	-	-	10	977	12,371	-	-
Antrim.....	1	(D)	(D)	-	-	2	(D)	(D)	2	(D)
Arenac.....	21	4,680	89,802	1	(D)	22	4,336	82,647	-	-
Barry.....	-	-	-	-	-	3	70	(D)	-	-
Bay.....	114	21,475	375,935	3	810	122	18,226	296,202	1	(D)
Calhoun.....	-	-	-	-	-	2	(D)	(D)	-	-
Cass.....	-	-	-	-	-	1	(D)	(D)	1	(D)
Charlevoix.....	-	-	-	-	-	1	(D)	(D)	-	-
Chippewa.....	4	4	88	-	-	-	-	-	-	-
Clare.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Clinton.....	8	1,046	24,281	-	-	5	883	11,727	3	(D)
Delta.....	7	1,063	12,032	-	-	8	1,228	15,164	-	-
Eaton.....	8	1,166	19,844	-	-	1	(D)	(D)	-	-
Genesee.....	9	657	10,009	-	-	6	552	9,090	-	-
Gladwin.....	6	522	8,518	-	-	8	1,595	29,531	-	-
Gratiot.....	30	6,812	107,797	6	1,440	42	6,758	123,458	5	653
Hillsdale.....	-	-	-	-	-	1	(D)	(D)	-	-
Huron.....	344	84,466	1,858,266	5	455	373	69,019	1,354,969	4	213
Ingham.....	-	-	-	-	-	3	28	391	-	-
Ionia.....	6	296	5,404	-	-	4	(D)	(D)	-	-
Iosco.....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Isabella.....	21	3,690	65,325	1	(D)	14	1,752	33,565	2	(D)
Kalamazoo.....	-	-	-	-	-	1	(D)	(D)	-	-
Kent.....	13	2,598	44,092	5	1,087	7	1,351	27,656	4	(D)
Lapeer.....	12	644	14,230	-	-	5	224	4,659	-	-
Macomb.....	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Mecosta.....	4	1,560	26,560	1	(D)	4	1,370	18,479	2	(D)
Menominee.....	1	(D)	(D)	-	-	-	-	-	-	-
Midland.....	22	2,557	50,316	1	(D)	23	3,009	50,579	-	-
Monroe.....	-	-	-	-	-	1	(D)	(D)	1	(D)
Montcalm.....	36	9,609	158,894	20	4,141	36	7,535	130,826	17	2,783
Montmorency.....	1	(D)	(D)	-	-	3	190	2,900	-	-
Newaygo.....	1	(D)	(D)	-	-	-	-	-	-	-
Oceana.....	1	(D)	(D)	1	(D)	-	-	-	-	-
Ogemaw.....	2	(D)	(D)	-	-	3	(D)	16,624	-	-
Osceola.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Otsego.....	2	(D)	(D)	-	-	3	246	3,641	-	-
Ottawa.....	-	-	-	-	-	3	359	7,430	-	-
Presque Isle.....	2	(D)	(D)	1	(D)	6	773	13,808	1	(D)
Saginaw.....	45	5,662	102,997	6	84	66	7,603	118,505	1	(D)
St. Clair.....	6	756	9,544	-	-	6	353	6,130	-	-
St. Joseph.....	-	-	-	-	-	4	204	1,836	4	204
Sanilac.....	115	25,246	537,352	-	-	126	22,525	430,866	1	(D)
Schoolcraft.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Shiawassee.....	25	1,593	30,025	-	-	10	434	8,614	-	-
Tuscola.....	183	41,466	808,977	4	686	171	33,341	617,436	7	311
Wexford.....	1	(D)	(D)	-	-	-	-	-	-	-

--continued

Table 25. Field Crops: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
DRY EDIBLE PEAS (CWT)										
State Total										
Michigan.....	11	267	5,836	-	-	6	576	7,726	-	-
Counties										
Alger.....	1	(D)	(D)	-	-	-	-	-	-	-
Alpena.....	1	(D)	(D)	-	-	-	-	-	-	-
Baraga.....	-	-	-	-	-	2	(D)	(D)	-	-
Chippewa.....	1	(D)	(D)	-	-	-	-	-	-	-
Genesee.....	1	(D)	(D)	-	-	-	-	-	-	-
Gratiot.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Houghton.....	1	(D)	(D)	-	-	-	-	-	-	-
Midland.....	1	(D)	(D)	-	-	-	-	-	-	-
Ontonagon.....	-	-	-	-	-	1	(D)	(D)	-	-
St. Clair.....	2	(D)	(D)	-	-	-	-	-	-	-
Schoolcraft.....	2	(D)	(D)	-	-	2	(D)	(D)	-	-
DRY LIMA BEANS (CWT)										
State Total										
Michigan.....	-	-	-	-	-	1	(D)	(D)	-	-
Counties										
Ottawa.....	-	-	-	-	-	1	(D)	(D)	-	-
EMMER AND SPELT (BUSHEL)										
State Total										
Michigan.....	92	2,066	138,891	1	(D)	65	1,528	133,632	-	-
Counties										
Alcona.....	-	-	-	-	-	2	(D)	(D)	-	-
Allegan.....	3	22	1,625	-	-	1	(D)	(D)	-	-
Barry.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Berrien.....	-	-	-	-	-	1	(D)	(D)	-	-
Branch.....	2	(D)	(D)	-	-	-	-	-	-	-
Calhoun.....	2	(D)	(D)	-	-	-	-	-	-	-
Clare.....	12	134	7,760	-	-	2	(D)	(D)	-	-
Clinton.....	-	-	-	-	-	1	(D)	(D)	-	-
Eaton.....	4	83	4,410	-	-	1	(D)	(D)	-	-
Genesee.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Gladwin.....	11	326	23,951	-	-	6	34	3,048	-	-
Hillsdale.....	5	49	3,060	-	-	5	28	1,900	-	-
Huron.....	7	390	22,276	-	-	-	-	-	-	-
Ingham.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Ionia.....	-	-	-	-	-	2	(D)	(D)	-	-
Iosco.....	2	(D)	(D)	-	-	-	-	-	-	-
Isabella.....	5	92	2,575	-	-	-	-	-	-	-
Jackson.....	1	(D)	(D)	-	-	-	-	-	-	-
Kalamazoo.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Kent.....	-	-	-	-	-	3	23	1,500	-	-
Lapeer.....	-	-	-	-	-	3	(D)	(D)	-	-
Lenawee.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Mecosta.....	14	88	5,464	-	-	12	83	3,906	-	-
Montcalm.....	-	-	-	-	-	1	(D)	(D)	-	-
Newaygo.....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Oceana.....	-	-	-	-	-	2	(D)	(D)	-	-
Osceola.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
St. Joseph.....	1	(D)	(D)	-	-	-	-	-	-	-
Sanilac.....	7	58	5,500	-	-	2	(D)	(D)	-	-
Shiawassee.....	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Tuscola.....	3	(D)	(D)	1	(D)	7	(D)	(D)	-	-
Van Buren.....	-	-	-	-	-	3	21	2,100	-	-
Washtenaw.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
LENTILS (CWT)										
State Total										
Michigan.....	1	(D)	(D)	-	-	-	-	-	-	-
Counties										
Huron.....	1	(D)	(D)	-	-	-	-	-	-	-
MUSTARD SEED (POUNDS)										
State Total										
Michigan.....	1	(D)	(D)	-	-	-	-	-	-	-
Counties										
Tuscola.....	1	(D)	(D)	-	-	-	-	-	-	-
OATS FOR GRAIN (BUSHEL)										
State Total										
Michigan.....	1,167	34,492	2,079,160	5	417	1,677	35,420	2,001,826	13	115

--continued

Table 25. Field Crops: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
OATS FOR GRAIN (BUSHEL)S) - Con.										
Counties										
Alcona.....	5	305	21,840	-	-	12	404	26,313	-	-
Alger.....	11	357	18,639	-	-	6	285	19,207	-	-
Allegan.....	20	416	23,370	-	-	17	342	20,979	-	-
Alpena.....	15	1,058	63,114	-	-	36	664	34,959	-	-
Antrim.....	8	269	17,360	-	-	17	396	16,719	-	-
Arenac.....	8	280	20,668	-	-	9	300	27,062	-	-
Baraga.....	11	3,120	202,529	-	-	17	1,386	78,915	1	(D)
Barry.....	9	201	13,393	-	-	13	189	13,346	-	-
Bay.....	5	62	5,227	-	-	11	224	19,842	-	-
Benzie.....	3	18	578	-	-	2	(D)	(D)	-	-
Berrien.....	2	(D)	(D)	-	-	11	174	7,966	-	-
Branch.....	18	230	13,640	-	-	29	358	20,898	-	-
Calhoun.....	10	88	3,146	-	-	13	158	6,282	-	-
Cass.....	3	60	1,200	-	-	8	90	3,535	-	-
Charlevoix.....	17	202	11,558	-	-	26	502	31,466	-	-
Cheboygan.....	10	298	19,535	-	-	10	167	7,873	1	(D)
Chippewa.....	16	845	38,024	-	-	49	927	33,684	-	-
Clare.....	30	580	36,104	-	-	20	354	20,573	-	-
Clinton.....	20	411	31,843	1	(D)	31	664	46,699	1	(D)
Crawford.....	2	(D)	(D)	-	-	3	21	(D)	-	-
Delta.....	11	411	26,022	-	-	29	1,043	65,983	-	-
Dickinson.....	6	168	6,005	-	-	17	394	12,993	-	-
Eaton.....	9	464	33,690	-	-	25	283	15,340	-	-
Emmet.....	19	739	46,471	-	-	25	323	15,839	-	-
Genesee.....	8	74	4,980	-	-	10	270	15,520	-	-
Gladwin.....	43	552	28,047	-	-	58	770	42,079	-	-
Gogebic.....	-	-	-	-	-	1	(D)	(D)	-	-
Grand Traverse.....	29	2,139	103,711	1	(D)	33	990	48,863	-	-
Gratiot.....	5	81	3,353	-	-	10	174	10,769	-	-
Hillsdale.....	22	289	16,933	-	-	44	542	32,507	2	(D)
Houghton.....	19	856	32,363	-	-	18	433	17,134	-	-
Huron.....	27	1,008	108,168	-	-	42	805	70,554	1	(D)
Ingham.....	4	184	3,800	-	-	4	286	14,300	-	-
Ionia.....	12	279	18,657	-	-	40	623	36,009	-	-
Iosco.....	9	260	21,772	-	-	17	240	16,741	-	-
Iron.....	14	521	36,901	-	-	10	453	26,698	-	-
Isabella.....	37	1,099	63,026	-	-	44	961	73,070	-	-
Jackson.....	23	437	24,491	-	-	28	408	23,270	-	-
Kalamazoo.....	6	141	11,665	-	-	12	115	5,520	-	-
Kalkaska.....	8	218	8,786	-	-	8	137	7,795	-	-
Kent.....	20	413	23,784	-	-	35	538	23,706	-	-
Lake.....	4	(D)	(D)	-	-	7	132	6,040	-	-
Lapeer.....	16	318	26,556	-	-	30	767	35,760	-	-
Leelanau.....	11	204	11,583	-	-	18	335	16,590	-	-
Lenawee.....	11	133	7,610	-	-	10	51	3,146	-	-
Livingston.....	2	(D)	(D)	-	-	5	122	9,350	-	-
Mackinac.....	7	284	10,225	-	-	8	498	20,390	-	-
Macomb.....	5	232	11,333	-	-	4	170	9,800	-	-
Manistee.....	3	26	1,332	-	-	6	56	2,600	-	-
Marquette.....	4	62	2,345	-	-	12	364	17,144	-	-
Mason.....	42	1,295	67,922	-	-	25	367	17,546	-	-
Mecosta.....	75	805	37,727	-	-	106	1,449	78,721	-	-
Menominee.....	30	909	44,178	-	-	34	1,170	52,758	-	-
Midland.....	7	66	3,460	-	-	8	87	6,198	-	-
Missaukee.....	11	249	17,637	-	-	10	163	8,293	-	-
Monroe.....	2	(D)	(D)	-	-	11	208	16,082	-	-
Montcalm.....	45	1,344	86,189	2	(D)	65	1,654	96,808	2	(D)
Montmorency.....	3	94	5,440	-	-	10	262	13,538	-	-
Muskegon.....	7	209	9,777	-	-	11	165	9,717	-	-
Newaygo.....	17	463	25,155	-	-	20	416	18,211	-	-
Oakland.....	-	-	-	-	-	2	(D)	(D)	-	-
Oceana.....	18	654	39,115	-	-	17	714	24,609	-	-
Ogemaw.....	13	537	33,382	-	-	25	679	47,443	-	-
Ontonagon.....	5	50	1,200	-	-	12	125	5,830	-	-
Osceola.....	24	627	33,953	-	-	27	569	28,980	-	-
Oscoda.....	1	(D)	(D)	-	-	-	-	-	-	-
Otsego.....	23	793	44,897	-	-	12	170	7,861	-	-
Ottawa.....	15	299	18,516	1	(D)	13	196	9,848	-	-
Presque Isle.....	45	1,703	104,319	-	-	49	1,339	64,289	-	-
Roscommon.....	-	-	-	-	-	2	(D)	(D)	-	-
Saginaw.....	18	340	20,474	-	-	20	192	13,295	-	-
St. Clair.....	10	126	8,190	-	-	30	566	31,706	-	-
St. Joseph.....	13	263	16,247	-	-	19	179	7,510	-	-
Sanilac.....	39	1,021	73,208	-	-	70	1,114	77,624	1	(D)
Schoolcraft.....	4	228	14,693	-	-	4	225	16,990	-	-
Shiawassee.....	15	510	40,846	-	-	24	542	36,687	-	-
Tuscola.....	33	663	59,965	-	-	42	2,047	130,284	4	8
Van Buren.....	-	-	-	-	-	3	100	3,800	-	-
Washtenaw.....	19	357	15,458	-	-	26	353	18,702	-	-
Wayne.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Wexford.....	14	214	10,526	-	-	29	406	22,253	-	-
POPCORN (POUNDS, SHELLED)										
State Total										
Michigan.....	27	1,464	2,820,528	6	21	33	2,034	4,008,393	6	69

--continued

Table 25. Field Crops: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
POPCORN (POUNDS, SHELLLED) - Con.										
Counties										
Branch.....	1	(D)	(D)	-	-	-	-	-	-	-
Calhoun.....	7	701	1,402,100	-	-	11	1,692	3,034,284	-	-
Cass.....	1	(D)	(D)	1	(D)	2	(D)	(D)	2	(D)
Clinton.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Eaton.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Huron.....	-	-	-	-	-	2	(D)	(D)	-	-
Lenawee.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Macomb.....	-	-	-	-	-	3	3	3,600	2	(D)
Midland.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Montcalm.....	-	-	-	-	-	1	(D)	(D)	-	-
Muskegon.....	1	(D)	(D)	1	(D)	-	-	-	-	-
Oakland.....	5	5	18,390	-	-	-	-	-	-	-
Oceana.....	-	-	-	-	-	2	(D)	(D)	-	-
Sanilac.....	-	-	-	-	-	2	(D)	(D)	-	-
Shiawassee.....	2	(D)	(D)	-	-	1	(D)	(D)	1	(D)
Tuscola.....	1	(D)	(D)	-	-	-	-	-	-	-
Van Buren.....	3	3	11,034	3	3	-	-	-	-	-
Washtenaw.....	1	(D)	(D)	1	(D)	5	(D)	(D)	1	(D)
PROSO MILLET (BUSHEL)										
State Total										
Michigan.....	4	47	3,273	-	-	-	-	-	-	-
Counties										
Baraga.....	3	(D)	(D)	-	-	-	-	-	-	-
Lake.....	1	(D)	(D)	-	-	-	-	-	-	-
RAPESEED (POUNDS)										
State Total										
Michigan.....	4	12	12,400	-	-	-	-	-	-	-
Counties										
Calhoun.....	2	(D)	(D)	-	-	-	-	-	-	-
Gladwin.....	2	(D)	(D)	-	-	-	-	-	-	-
RYE FOR GRAIN (BUSHEL)										
State Total										
Michigan.....	479	18,238	633,914	13	565	447	11,454	336,914	15	617
Counties										
Alcona.....	-	-	-	-	-	1	(D)	(D)	-	-
Alger.....	2	(D)	(D)	-	-	-	-	-	-	-
Allegan.....	10	1,610	50,460	-	-	18	577	20,921	-	-
Alpena.....	3	156	5,576	-	-	9	152	3,299	1	(D)
Antrim.....	8	182	5,499	1	(D)	10	299	7,060	2	(D)
Arenac.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Baraga.....	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Barry.....	9	546	31,829	-	-	7	488	13,330	-	-
Bay.....	4	278	7,764	-	-	2	(D)	(D)	-	-
Benzie.....	7	86	1,224	-	-	7	97	1,340	-	-
Berrien.....	3	86	2,200	-	-	7	94	3,459	-	-
Branch.....	6	355	11,666	2	(D)	1	(D)	(D)	-	-
Calhoun.....	1	(D)	(D)	-	-	4	34	1,020	-	-
Cass.....	4	436	(D)	-	-	3	59	1,562	-	-
Charlevoix.....	7	47	1,350	-	-	8	62	2,680	-	-
Cheboygan.....	-	-	-	-	-	4	26	448	1	(D)
Chippewa.....	3	60	2,200	-	-	1	(D)	(D)	-	-
Clare.....	14	144	3,750	-	-	4	80	930	-	-
Clinton.....	9	411	16,144	1	(D)	4	(D)	(D)	-	-
Crawford.....	-	-	-	-	-	1	(D)	(D)	-	-
Delta.....	8	460	12,450	-	-	4	(D)	(D)	-	-
Dickinson.....	-	-	-	-	-	2	(D)	(D)	-	-
Eaton.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Emmet.....	11	211	5,830	-	-	5	138	3,031	-	-
Genesee.....	12	290	10,532	-	-	3	73	620	1	(D)
Gladwin.....	8	250	3,684	-	-	2	(D)	(D)	-	-
Grand Traverse.....	7	276	7,914	-	-	7	204	4,433	-	-
Gratiot.....	-	-	-	-	-	2	(D)	(D)	-	-
Hillsdale.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Houghton.....	-	-	-	-	-	1	(D)	(D)	-	-
Huron.....	31	1,784	104,060	-	-	17	685	16,842	-	-
Ingham.....	2	(D)	(D)	-	-	4	98	2,240	-	-
Ionia.....	4	88	3,739	-	-	5	105	4,445	2	(D)
Iosco.....	-	-	-	-	-	1	(D)	(D)	-	-
Iron.....	4	214	4,816	-	-	3	50	1,850	-	-
Isabella.....	10	546	14,408	-	-	16	263	6,335	-	-
Jackson.....	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Kalamazoo.....	3	60	3,138	-	-	-	-	-	-	-
Kalkaska.....	5	59	1,125	-	-	5	669	18,924	1	(D)
Kent.....	10	272	8,183	-	-	9	186	3,324	-	-
Lake.....	-	-	-	-	-	5	74	2,116	-	-
Lapeer.....	10	230	8,954	-	-	4	39	1,340	-	-
Leelanau.....	8	305	9,964	-	-	17	261	7,578	-	-

--continued

Table 25. Field Crops: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
RYE FOR GRAIN (BUSHEL)S - Con.										
Counties - Con.										
Lenawee	3	274	(D)	-	-	-	-	-	-	-
Livingston	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Mackinac	1	(D)	(D)	-	-	-	-	-	-	-
Macomb	-	-	-	-	-	1	(D)	(D)	-	-
Manistee	14	362	11,989	-	-	9	270	4,280	-	-
Marquette	2	(D)	(D)	-	-	-	-	-	-	-
Mason	19	360	11,265	-	-	26	514	12,977	1	(D)
Mecosta	8	315	10,512	1	(D)	14	311	7,900	-	-
Menominee	7	86	2,350	-	-	7	184	5,144	-	-
Midland	-	-	-	-	-	1	(D)	(D)	-	-
Missaukee	13	719	23,118	-	-	5	48	1,710	-	-
Monroe	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Montcalm	8	875	28,121	1	(D)	17	592	21,168	1	(D)
Montmorency	-	-	-	-	-	3	46	1,760	-	-
Muskegon	4	120	3,000	-	-	4	228	4,718	1	(D)
Newaygo	12	270	12,142	1	(D)	10	242	4,380	-	-
Oakland	1	(D)	(D)	-	-	-	-	-	-	-
Oceana	42	1,485	40,846	-	-	44	803	21,992	-	-
Ogemaw	7	182	5,489	-	-	8	48	1,305	-	-
Ontonagon	-	-	-	-	-	3	64	1,092	-	-
Osceola	6	193	6,886	-	-	4	114	(D)	-	-
Oscoda	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Otsego	3	68	2,052	-	-	5	150	3,783	1	(D)
Ottawa	13	175	3,368	-	-	12	106	2,036	-	-
Presque Isle	6	91	3,570	-	-	4	62	1,251	-	-
Roscommon	3	120	1,200	-	-	1	(D)	(D)	-	-
Saginaw	6	40	1,368	-	-	8	75	2,536	-	-
St. Clair	-	-	-	-	-	2	(D)	(D)	-	-
St. Joseph	28	381	13,772	6	70	7	134	4,343	2	(D)
Sanilac	9	311	11,297	-	-	9	316	8,397	-	-
Schoolcraft	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Shiawassee	5	339	9,767	-	-	-	-	-	-	-
Tuscola	12	1,179	41,907	-	-	9	729	27,157	-	-
Van Buren	2	(D)	(D)	-	-	4	30	1,370	1	(D)
Washtenaw	6	93	3,693	-	-	3	18	270	-	-
Wexford	2	(D)	(D)	-	-	11	90	2,387	-	-
SORGHUM FOR GRAIN (BUSHEL)S										
State Total										
Michigan	27	1,888	225,714	7	1,186	22	723	46,961	2	(D)
Counties										
Alpena	1	(D)	(D)	-	-	-	-	-	-	-
Antrim	-	-	-	-	-	1	(D)	(D)	1	(D)
Calhoun	1	(D)	(D)	-	-	-	-	-	-	-
Clinton	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Eaton	-	-	-	-	-	1	(D)	(D)	-	-
Gladwin	1	(D)	(D)	-	-	-	-	-	-	-
Hillsdale	-	-	-	-	-	2	(D)	(D)	-	-
Huron	-	-	-	-	-	1	(D)	(D)	-	-
Isabella	6	18	810	-	-	-	-	-	-	-
Jackson	-	-	-	-	-	3	244	20,123	-	-
Kalamazoo	3	109	11,364	3	(D)	-	-	-	-	-
Kalkaska	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Lapeer	-	-	-	-	-	3	60	2,040	-	-
Lenawee	-	-	-	-	-	2	(D)	(D)	-	-
Menominee	-	-	-	-	-	1	(D)	(D)	-	-
Ogemaw	-	-	-	-	-	1	(D)	(D)	-	-
Osceola	1	(D)	(D)	-	-	-	-	-	-	-
Ottawa	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Presque Isle	-	-	-	-	-	1	(D)	(D)	-	-
Saginaw	1	(D)	(D)	-	-	-	-	-	-	-
St. Joseph	5	1,229	180,319	4	(D)	-	-	-	-	-
Tuscola	4	150	6,026	-	-	1	(D)	(D)	1	(D)
Van Buren	1	(D)	(D)	-	-	-	-	-	-	-
Washtenaw	-	-	-	-	-	2	(D)	(D)	-	-
SOYBEANS FOR BEANS (BUSHEL)S										
State Total										
Michigan	11,988	2,487,343	107,048,753	699	140,492	12,059	1,983,444	83,173,727	645	84,415
Counties										
Alcona	14	3,095	134,862	-	-	12	1,423	48,369	-	-
Allegan	245	52,974	2,621,381	27	3,363	279	53,591	2,091,048	24	2,806
Alpena	29	7,841	285,006	-	-	60	5,581	179,791	-	-
Antrim	10	1,761	65,877	4	288	8	824	25,660	3	311
Arenac	134	21,514	929,686	-	-	93	13,579	649,056	-	-
Baraga	-	-	-	-	-	1	(D)	(D)	1	(D)
Barry	173	35,441	1,564,120	6	1,118	155	30,100	1,144,501	4	477
Bay	380	62,837	2,913,203	10	991	326	41,929	2,232,589	8	272
Benzie	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Berrien	220	43,163	1,887,041	25	2,612	244	37,840	1,687,471	19	2,397
Branch	326	81,501	3,523,111	77	21,154	364	72,669	2,962,155	67	13,133

--continued

Table 25. Field Crops: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SOYBEANS FOR BEANS (BUSHEL)S - Con.										
Counties - Con.										
Calhoun.....	333	73,670	2,814,313	31	5,175	350	66,549	2,318,824	20	3,560
Cass.....	232	59,407	2,742,155	61	22,492	230	36,714	1,475,031	56	8,113
Charlevoix.....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Cheboygan.....	4	(D)	(D)	-	-	6	63	(D)	1	(D)
Chippewa.....	-	-	-	-	-	1	(D)	(D)	-	-
Clare.....	29	2,824	112,817	-	-	26	2,238	96,247	-	-
Clinton.....	402	76,885	3,187,501	5	369	422	66,517	3,120,131	7	358
Delta.....	3	(D)	(D)	-	-	2	(D)	(D)	-	-
Eaton.....	378	89,937	3,841,335	2	(D)	413	71,867	2,975,233	12	361
Emmet.....	-	-	-	-	-	1	(D)	(D)	-	-
Genesee.....	194	48,961	1,780,176	1	(D)	211	41,194	1,744,612	2	(D)
Gladwin.....	54	7,409	283,288	1	(D)	78	5,732	268,962	1	(D)
Gogebic.....	-	-	-	-	-	2	(D)	(D)	-	-
Grand Traverse.....	21	1,947	66,431	-	-	14	1,486	38,879	2	(D)
Gratiot.....	443	100,574	4,228,815	27	2,497	385	80,543	4,135,154	10	1,250
Hillsdale.....	401	91,124	3,803,596	17	1,975	390	76,723	3,107,534	19	3,042
Huron.....	445	66,153	3,399,190	1	(D)	426	47,931	2,247,221	2	(D)
Ingham.....	239	65,526	2,782,725	4	(D)	262	57,038	2,303,453	2	(D)
Ionia.....	355	72,065	3,114,324	4	(D)	346	58,891	2,933,669	16	965
Iosco.....	22	2,646	103,240	-	-	16	2,091	83,814	-	-
Iron.....	2	(D)	(D)	-	-	-	-	-	-	-
Isabella.....	324	70,610	2,996,205	7	580	272	50,391	2,211,020	5	741
Jackson.....	216	43,887	1,501,946	6	1,652	251	42,590	1,346,470	7	771
Kalamazoo.....	161	36,566	1,752,011	52	12,913	169	29,444	1,114,403	43	6,440
Kalkaska.....	1	(D)	(D)	-	-	-	-	-	-	-
Kent.....	158	28,905	1,206,582	5	511	162	22,454	1,001,480	10	473
Lake.....	7	580	24,579	-	-	6	466	15,494	-	-
Lapeer.....	273	52,197	2,107,348	-	-	270	47,668	2,072,767	15	498
Leelanau.....	4	565	(D)	-	-	2	(D)	(D)	-	-
Lenawee.....	565	152,255	7,386,531	6	208	554	111,864	3,831,454	7	632
Livingston.....	120	24,325	955,776	-	-	129	18,867	698,020	2	(D)
Macomb.....	145	35,141	1,357,327	1	(D)	169	25,177	1,065,215	9	306
Manistee.....	12	329	6,535	1	(D)	5	173	4,815	1	(D)
Mason.....	65	7,474	323,417	2	(D)	57	5,537	241,501	3	(D)
Mecosta.....	48	7,227	262,628	9	801	43	3,554	124,858	1	(D)
Menominee.....	7	612	6,897	-	-	14	1,153	45,591	-	-
Midland.....	143	27,805	1,186,870	2	(D)	130	21,008	1,049,740	1	(D)
Missaukee.....	-	-	-	-	-	2	(D)	(D)	-	-
Monroe.....	499	99,914	4,716,393	2	(D)	545	82,227	2,936,735	5	554
Montcalm.....	214	33,790	1,165,986	30	4,304	168	23,049	1,006,194	22	2,716
Montmorency.....	21	3,798	138,225	-	-	21	3,832	124,584	-	-
Muskegon.....	52	10,639	438,059	2	(D)	64	7,701	280,285	5	(D)
Newaygo.....	101	16,064	533,503	10	826	92	7,338	273,283	8	279
Oakland.....	19	2,495	94,804	-	-	19	2,959	106,614	-	-
Oceana.....	61	8,841	362,230	9	1,244	39	4,088	136,124	6	610
Ogemaw.....	37	6,059	258,624	-	-	14	1,646	69,562	-	-
Ontonagon.....	-	-	-	-	-	2	(D)	(D)	-	-
Osceola.....	15	1,479	63,441	-	-	20	886	33,713	1	(D)
Oscoda.....	3	120	3,340	-	-	-	-	-	-	-
Otsego.....	9	889	22,031	-	-	5	474	15,139	1	(D)
Ottawa.....	230	41,154	1,881,791	11	2,404	243	26,259	984,868	14	1,102
Presque Isle.....	37	5,198	204,214	1	(D)	52	7,764	273,710	4	247
Roscommon.....	-	-	-	-	-	1	(D)	(D)	-	-
Saginaw.....	651	128,150	5,506,777	2	(D)	619	95,652	4,748,976	1	(D)
St. Clair.....	401	93,558	3,659,730	12	222	402	71,983	3,004,691	2	(D)
St. Joseph.....	304	63,509	2,994,733	178	38,601	314	52,453	2,275,044	163	26,950
Sanilac.....	632	139,410	6,508,775	3	(D)	659	126,392	5,550,238	2	(D)
Schoolcraft.....	1	(D)	(D)	-	-	-	-	-	-	-
Shiawassee.....	411	94,305	3,682,776	3	260	462	79,316	3,377,091	4	(D)
Tuscola.....	475	84,455	3,707,205	23	2,452	450	65,509	3,274,888	12	883
Van Buren.....	106	28,063	1,346,118	14	6,314	118	18,730	655,591	10	1,095
Washtenaw.....	334	62,682	2,307,053	4	(D)	342	45,796	1,195,972	4	379
Wayne.....	32	3,657	114,392	-	-	45	4,722	125,455	1	(D)
Wexford.....	3	(D)	(D)	1	(D)	1	(D)	(D)	-	-
SUGARBEETS FOR SEED (POUNDS)										
State Total										
Michigan.....	-	-	-	-	-	2	(D)	(D)	-	-
Counties										
Huron.....	-	-	-	-	-	2	(D)	(D)	-	-
SUGARBEETS FOR SUGAR (TONS)										
State Total										
Michigan.....	661	145,790	3,693,023	25	(D)	758	156,447	4,423,378	27	(D)
Counties										
Alger.....	1	(D)	(D)	-	-	-	-	-	-	-
Arenac.....	15	2,443	63,670	-	-	16	2,859	74,109	-	-
Bay.....	77	11,524	249,147	4	347	101	15,163	417,341	5	730
Clinton.....	2	(D)	(D)	-	-	7	1,608	45,505	1	(D)
Delta.....	1	(D)	(D)	-	-	-	-	-	-	-

--continued

Table 25. Field Crops: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SUGARBEETS FOR SUGAR (TONS) - Con.										
Counties - Con.										
Dickinson.....	-	-	-	-	-	1	(D)	(D)	1	(D)
Genesee.....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Gladwin.....	5	851	19,218	-	-	2	(D)	(D)	-	-
Gratiot.....	25	8,308	185,032	7	933	35	10,719	266,775	6	413
Huron.....	219	58,505	1,568,009	4	240	225	55,678	1,551,457	4	218
Ingham.....	-	-	-	-	-	1	(D)	(D)	-	-
Ionia.....	1	(D)	(D)	1	(D)	1	(D)	(D)	-	-
Iosco.....	-	-	-	-	-	4	150	3,778	-	-
Isabella.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Lapeer.....	4	1,339	32,796	-	-	9	1,848	46,791	-	-
Mackinac.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Midland.....	14	2,731	58,567	-	-	9	2,604	78,616	-	-
Montcalm.....	5	695	23,237	5	449	4	727	19,858	3	(D)
Montmorency.....	1	(D)	(D)	-	-	-	-	-	-	-
Ogemaw.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Saginaw.....	91	14,784	360,168	-	-	122	16,692	495,954	1	(D)
St. Clair.....	11	1,652	39,806	-	-	8	1,133	33,390	-	-
Sanilac.....	107	24,907	642,356	-	-	96	25,935	757,588	-	-
Schoolcraft.....	1	(D)	(D)	-	-	-	-	-	-	-
Shiawassee.....	5	498	8,792	-	-	8	1,273	35,351	-	-
Tuscola.....	72	15,760	401,944	4	366	104	18,020	545,173	6	181
SUNFLOWER SEED, ALL (POUNDS)										
State Total										
Michigan.....	46	1,735	3,095,470	9	(D)	24	1,611	2,545,926	-	-
Counties										
Alger.....	1	(D)	(D)	-	-	-	-	-	-	-
Alpena.....	7	(D)	(D)	-	-	1	(D)	(D)	-	-
Bay.....	1	(D)	(D)	-	-	-	-	-	-	-
Charlevoix.....	-	-	-	-	-	1	(D)	(D)	-	-
Clare.....	1	(D)	(D)	-	-	-	-	-	-	-
Delta.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Emmet.....	2	(D)	(D)	-	-	3	113	122,600	-	-
Gladwin.....	1	(D)	(D)	-	-	-	-	-	-	-
Grand Traverse.....	1	(D)	(D)	-	-	3	(D)	(D)	-	-
Kalamazoo.....	-	-	-	-	-	1	(D)	(D)	-	-
Kalkaska.....	2	(D)	(D)	-	-	-	-	-	-	-
Lenawee.....	2	(D)	(D)	-	-	-	-	-	-	-
Livingston.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Macomb.....	-	-	-	-	-	1	(D)	(D)	-	-
Mason.....	2	(D)	(D)	-	-	-	-	-	-	-
Menominee.....	1	(D)	(D)	-	-	-	-	-	-	-
Midland.....	1	(D)	(D)	-	-	-	-	-	-	-
Missaukee.....	-	-	-	-	-	1	(D)	(D)	-	-
Montcalm.....	-	-	-	-	-	2	(D)	(D)	-	-
Montmorency.....	-	-	-	-	-	1	(D)	(D)	-	-
Newaygo.....	1	(D)	(D)	-	-	-	-	-	-	-
Oceana.....	-	-	-	-	-	1	(D)	(D)	-	-
Ottawa.....	7	43	34,640	6	(D)	-	-	-	-	-
Presque Isle.....	-	-	-	-	-	2	(D)	(D)	-	-
Saginaw.....	4	220	500,000	-	-	1	(D)	(D)	-	-
St. Joseph.....	2	(D)	(D)	-	-	-	-	-	-	-
Shiawassee.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Van Buren.....	3	3	420	3	3	1	(D)	(D)	-	-
Washtenaw.....	2	(D)	(D)	-	-	2	(D)	(D)	-	-
SUNFLOWER SEED, OIL VARIETIES (POUNDS)										
State Total										
Michigan.....	33	1,721	3,094,140	6	(D)	23	(D)	(D)	-	-
Counties										
Alpena.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Bay.....	1	(D)	(D)	-	-	-	-	-	-	-
Charlevoix.....	-	-	-	-	-	1	(D)	(D)	-	-
Clare.....	1	(D)	(D)	-	-	-	-	-	-	-
Delta.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Emmet.....	2	(D)	(D)	-	-	3	113	122,600	-	-
Grand Traverse.....	1	(D)	(D)	-	-	3	(D)	(D)	-	-
Kalamazoo.....	-	-	-	-	-	1	(D)	(D)	-	-
Kalkaska.....	2	(D)	(D)	-	-	-	-	-	-	-
Livingston.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Macomb.....	-	-	-	-	-	1	(D)	(D)	-	-
Mason.....	2	(D)	(D)	-	-	-	-	-	-	-
Menominee.....	1	(D)	(D)	-	-	-	-	-	-	-
Midland.....	1	(D)	(D)	-	-	-	-	-	-	-
Missaukee.....	-	-	-	-	-	1	(D)	(D)	-	-
Montcalm.....	-	-	-	-	-	2	(D)	(D)	-	-
Montmorency.....	-	-	-	-	-	1	(D)	(D)	-	-
Newaygo.....	1	(D)	(D)	-	-	-	-	-	-	-
Oceana.....	-	-	-	-	-	1	(D)	(D)	-	-
Ottawa.....	7	43	34,640	6	(D)	-	-	-	-	-
Presque Isle.....	-	-	-	-	-	2	(D)	(D)	-	-

--continued

Table 25. Field Crops: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SUNFLOWER SEED, OIL VARIETIES (POUNDS) - Con.										
Counties - Con.										
Saginaw	4	220	500,000	-	-	1	(D)	(D)	-	-
St. Joseph	2	(D)	(D)	-	-	-	-	-	-	-
Shiawassee	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Washtenaw	2	(D)	(D)	-	-	2	(D)	(D)	-	-
SUNFLOWER SEED, NON-OIL VARIETIES (POUNDS)										
State Total										
Michigan	13	14	1,330	3	3	1	(D)	(D)	-	-
Counties										
Alger	1	(D)	(D)	-	-	-	-	-	-	-
Alpena	6	6	300	-	-	-	-	-	-	-
Gladwin	1	(D)	(D)	-	-	-	-	-	-	-
Lenawee	2	(D)	(D)	-	-	-	-	-	-	-
Van Buren	3	3	420	3	3	1	(D)	(D)	-	-
TRITICALE (BUSHEL)										
State Total										
Michigan	11	359	23,737	-	-	1	(D)	(D)	-	-
Counties										
Alcona	2	(D)	(D)	-	-	-	-	-	-	-
Cass	1	(D)	(D)	-	-	-	-	-	-	-
Isabella	4	50	1,620	-	-	-	-	-	-	-
Lenawee	-	-	-	-	-	1	(D)	(D)	-	-
Mecosta	1	(D)	(D)	-	-	-	-	-	-	-
Montcalm	1	(D)	(D)	-	-	-	-	-	-	-
Presque Isle	1	(D)	(D)	-	-	-	-	-	-	-
St. Joseph	1	(D)	(D)	-	-	-	-	-	-	-
WHEAT FOR GRAIN, ALL (BUSHEL)										
State Total										
Michigan	4,974	487,011	38,015,624	114	17,399	6,241	539,138	(D)	102	9,670
Counties										
Alcona	16	572	30,921	-	-	15	1,435	66,136	-	-
Alger	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Allegan	91	5,178	366,863	1	(D)	121	8,603	538,500	5	124
Alpena	28	2,890	158,436	-	-	38	2,857	152,582	-	-
Antrim	4	286	16,140	1	(D)	10	445	20,239	1	(D)
Arenac	58	6,987	506,224	-	-	63	7,982	543,206	-	-
Baraga	-	-	-	-	-	1	(D)	(D)	-	-
Barry	60	4,416	298,656	-	-	69	6,653	421,487	-	-
Bay	164	14,939	1,176,811	1	(D)	206	13,894	1,076,140	-	-
Benzie	-	-	-	-	-	3	8	320	-	-
Berrien	20	1,002	64,038	-	-	38	2,932	191,880	-	-
Branch	45	2,783	185,583	3	30	74	4,188	238,874	4	60
Calhoun	81	4,491	319,901	1	(D)	115	7,478	447,056	2	(D)
Cass	21	988	59,133	2	(D)	40	1,959	107,312	1	(D)
Charlevoix	9	112	5,232	-	-	4	151	6,740	-	-
Cheboygan	10	326	18,840	-	-	4	249	12,350	-	-
Chippewa	1	(D)	(D)	-	-	6	136	5,388	-	-
Clare	20	988	60,580	-	-	22	926	57,543	-	-
Clinton	195	15,555	1,158,708	2	(D)	278	18,911	1,502,438	5	88
Delta	3	294	4,410	-	-	8	447	15,505	-	-
Dickinson	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Eaton	131	12,043	767,818	-	-	189	16,264	1,147,081	1	(D)
Emmet	11	129	3,694	-	-	3	47	2,015	-	-
Genesee	63	4,300	274,149	-	-	91	7,191	450,289	-	-
Gladwin	33	1,762	106,913	-	-	31	1,399	101,372	-	-
Gogebic	-	-	-	-	-	2	(D)	(D)	-	-
Grand Traverse	19	1,195	58,478	-	-	20	1,409	62,310	1	(D)
Gratiot	158	18,654	1,382,339	9	223	200	20,819	1,672,571	5	210
Hillsdale	112	9,216	725,304	1	(D)	141	10,441	700,606	1	(D)
Houghton	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Huron	435	75,200	7,342,679	2	(D)	445	55,212	4,893,531	-	-
Ingham	95	11,915	878,267	-	-	141	18,860	1,488,963	1	(D)
Ionia	165	10,906	800,897	-	-	215	12,937	934,268	4	93
Iosco	15	649	45,424	-	-	14	808	60,720	-	-
Iron	4	192	10,040	-	-	3	152	6,834	-	-
Isabella	123	11,480	756,319	2	(D)	166	17,296	1,241,678	1	(D)
Jackson	88	6,219	412,477	-	-	119	7,576	451,014	1	(D)
Kalamazoo	29	2,835	204,681	2	(D)	38	3,582	244,217	2	(D)
Kalkaska	16	1,160	64,458	1	(D)	9	1,055	72,786	1	(D)
Kent	69	6,102	396,676	3	(D)	90	5,643	393,150	3	(D)
Lake	4	210	14,260	-	-	5	240	13,612	-	-
Lapeer	94	6,855	522,071	-	-	131	8,833	607,895	-	-
Leelanau	5	275	19,352	-	-	7	231	10,312	-	-
Lenawee	284	27,203	2,300,892	2	(D)	298	29,663	2,235,917	3	(D)
Livingston	41	4,472	288,910	-	-	70	6,053	403,300	-	-
Mackinac	3	132	(D)	-	-	5	613	17,475	-	-

--continued

Table 25. Field Crops: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
WINTER WHEAT FOR GRAIN (BUSHELLS) - Con.										
Counties - Con.										
Manistee	7	169	8,087	1	(D)	4	46	2,290	-	-
Mason	74	4,663	253,909	1	(D)	64	4,700	295,295	2	(D)
Mecosta	31	3,052	194,503	5	1,022	36	1,644	66,815	2	(D)
Menominee	8	(D)	(D)	-	-	5	(D)	(D)	-	-
Midland	37	2,452	170,548	1	(D)	52	4,231	347,486	1	(D)
Missaukee	8	472	26,792	-	-	13	687	42,906	1	(D)
Monroe	204	16,817	1,354,096	-	-	206	16,897	1,284,664	2	(D)
Montcalm	111	18,124	1,296,001	28	10,421	108	16,149	1,082,636	15	5,871
Montmorency	11	840	40,212	-	-	12	727	41,352	-	-
Muskegon	22	1,758	82,404	-	-	23	2,914	207,602	-	-
Newaygo	42	3,868	272,759	8	364	53	2,526	148,447	3	(D)
Oakland	9	656	45,883	-	-	12	1,352	69,595	-	-
Oceana	44	4,080	231,405	8	815	42	2,290	122,387	3	217
Ogemaw	28	3,129	227,181	-	-	19	2,337	168,265	-	-
Ontonagon	1	(D)	(D)	-	-	6	(D)	(D)	-	-
Osceola	23	1,425	93,158	1	(D)	22	692	37,305	-	-
Oscoda	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Otsego	9	898	45,456	1	(D)	13	1,018	60,536	2	(D)
Ottawa	68	4,070	256,180	3	180	89	4,677	291,708	1	(D)
Presque Isle	33	3,632	206,281	1	(D)	35	4,002	235,261	-	-
Saginaw	253	20,837	1,543,198	-	-	343	23,566	1,822,598	1	(D)
St. Clair	109	8,445	628,401	-	-	154	9,711	664,019	-	-
St. Joseph	32	2,036	154,576	12	1,165	63	2,425	146,109	17	846
Sanilac	393	44,361	3,913,929	1	(D)	453	51,908	4,075,304	2	(D)
Schoolcraft	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Shiawassee	140	17,155	1,289,577	1	(D)	286	26,060	1,826,314	-	-
Tuscola	248	33,521	2,759,305	7	637	281	34,285	2,729,804	6	92
Van Buren	13	646	49,592	1	(D)	20	1,120	54,038	1	(D)
Washtenaw	151	10,890	817,538	1	(D)	210	12,861	892,972	1	(D)
Wayne	4	(D)	(D)	-	-	6	180	11,261	-	-
Wexford	3	(D)	(D)	-	-	9	368	11,478	-	-
OTHER SPRING WHEAT FOR GRAIN (BUSHELLS) (SEE TEXT)										
State Total										
Michigan	14	869	21,715	-	-	6	258	(D)	-	-
Counties										
Delta	3	294	4,410	-	-	1	(D)	(D)	-	-
Dickinson	1	(D)	(D)	-	-	-	-	-	-	-
Gratiot	-	-	-	-	-	1	(D)	(D)	-	-
Houghton	1	(D)	(D)	-	-	-	-	-	-	-
Ingham	2	(D)	(D)	-	-	-	-	-	-	-
Iron	4	192	10,040	-	-	-	-	-	-	-
Isabella	1	(D)	(D)	-	-	-	-	-	-	-
Menominee	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Ontonagon	-	-	-	-	-	2	(D)	(D)	-	-
Wexford	1	(D)	(D)	-	-	-	-	-	-	-
WILD RICE (CWT)										
State Total										
Michigan	2	(D)	(D)	-	-	-	-	-	-	-
Counties										
Baraga	1	(D)	(D)	-	-	-	-	-	-	-
Gogebic	1	(D)	(D)	-	-	-	-	-	-	-

Table 26. Field Seeds, Grass Seeds, Forage, Hay, and Silage: 2017 and 2012

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
FIELD AND GRASS SEED CROPS, ALL (SEE TEXT)										
State Total										
Michigan	26	593	(X)	1	(D)	26	894	(X)	-	-
Counties										
Benzie.....	-	-	(X)	-	-	2	(D)	(X)	-	-
Branch	3	(D)	(X)	-	-	-	-	(X)	-	-
Cass	1	(D)	(X)	1	(D)	-	-	(X)	-	-
Cheboygan	1	(D)	(X)	-	-	-	-	(X)	-	-
Chippewa.....	-	-	(X)	-	-	3	(D)	(X)	-	-
Clinton	1	(D)	(X)	-	-	3	77	(X)	-	-
Eaton	1	(D)	(X)	-	-	2	(D)	(X)	-	-
Genesee.....	-	-	(X)	-	-	1	(D)	(X)	-	-
Gratiot.....	1	(D)	(X)	-	-	-	-	(X)	-	-
Huron.....	-	-	(X)	-	-	1	(D)	(X)	-	-
Isabella.....	5	60	(X)	-	-	4	90	(X)	-	-
Jackson.....	-	-	(X)	-	-	1	(D)	(X)	-	-
Lapeer.....	2	(D)	(X)	-	-	-	-	(X)	-	-
Livingston.....	1	(D)	(X)	-	-	-	-	(X)	-	-
Ontonagon.....	2	(D)	(X)	-	-	2	(D)	(X)	-	-
Osceola.....	-	-	(X)	-	-	1	(D)	(X)	-	-
Saginaw.....	2	(D)	(X)	-	-	2	(D)	(X)	-	-
St. Clair.....	-	-	(X)	-	-	2	(D)	(X)	-	-
St. Joseph.....	2	(D)	(X)	-	-	2	(D)	(X)	-	-
Sanilac.....	1	(D)	(X)	-	-	-	-	(X)	-	-
Schoolcraft.....	2	(D)	(X)	-	-	-	-	(X)	-	-
Shiawassee.....	1	(D)	(X)	-	-	-	-	(X)	-	-
BIRDSFOOT TREFOIL SEED (POUNDS)										
State Total										
Michigan	2	(D)	(D)	-	-	3	326	6,315	-	-
Counties										
Chippewa.....	-	-	-	-	-	2	(D)	(D)	-	-
Ontonagon.....	2	(D)	(D)	-	-	-	-	-	-	-
Osceola.....	-	-	-	-	-	1	(D)	(D)	-	-
CRIMSON CLOVER SEED (POUNDS)										
State Total										
Michigan	2	(D)	(D)	-	-	-	-	-	-	-
Counties										
Isabella.....	2	(D)	(D)	-	-	-	-	-	-	-
RED CLOVER SEED (POUNDS)										
State Total										
Michigan	11	166	20,006	-	-	17	342	27,305	-	-
Counties										
Cheboygan.....	1	(D)	(D)	-	-	-	-	-	-	-
Clinton.....	1	(D)	(D)	-	-	3	77	8,265	-	-
Eaton.....	1	(D)	(D)	-	-	-	-	-	-	-
Genesee.....	-	-	-	-	-	1	(D)	(D)	-	-
Gratiot.....	1	(D)	(D)	-	-	-	-	-	-	-
Huron.....	-	-	-	-	-	1	(D)	(D)	-	-
Isabella.....	3	(D)	1,800	-	-	4	90	7,920	-	-
Jackson.....	-	-	-	-	-	1	(D)	(D)	-	-
Ontonagon.....	-	-	-	-	-	2	(D)	(D)	-	-
Saginaw.....	2	(D)	(D)	-	-	2	(D)	(D)	-	-
St. Clair.....	-	-	-	-	-	1	(D)	(D)	-	-
St. Joseph.....	-	-	-	-	-	2	(D)	(D)	-	-
Sanilac.....	1	(D)	(D)	-	-	-	-	-	-	-
Shiawassee.....	1	(D)	(D)	-	-	-	-	-	-	-
RYEGRASS SEED (POUNDS)										
State Total										
Michigan	5	13	6,150	-	-	-	-	-	-	-
Counties										
Branch.....	3	(D)	(D)	-	-	-	-	-	-	-
Schoolcraft.....	2	(D)	(D)	-	-	-	-	-	-	-
TIMOTHY SEED (POUNDS)										
State Total										
Michigan	3	200	32,500	-	-	1	(D)	(D)	-	-

--continued

Table 26. Field Seeds, Grass Seeds, Forage, Hay, and Silage: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
TIMOTHY SEED (POUNDS) - Con.										
Counties										
Chippewa	-	-	-	-	-	1	(D)	(D)	-	-
Livingston	1	(D)	(D)	-	-	-	-	-	-	-
Ontonagon	2	(D)	(D)	-	-	-	-	-	-	-
VETCH SEED (POUNDS)										
State Total										
Michigan	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Counties										
Benzie	-	-	-	-	-	2	(D)	(D)	-	-
Lapeer	2	(D)	(D)	-	-	-	-	-	-	-
OTHER FIELD AND GRASS SEED CROPS (POUNDS) (SEE TEXT)										
State Total										
Michigan	3	82	30,400	1	(D)	3	(D)	1,614	-	-
Counties										
Cass	1	(D)	(D)	1	(D)	-	-	-	-	-
Eaton	-	-	-	-	-	2	(D)	(D)	-	-
St. Clair	-	-	-	-	-	1	(D)	(D)	-	-
St. Joseph	2	(D)	(D)	-	-	-	-	-	-	-
FORAGE - LAND USED FOR ALL HAY AND HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, DRY EQUIVALENT) (SEE TEXT)										
State Total										
Michigan	18,833	1,009,570	2,674,133	417	24,775	20,511	1,061,932	2,457,625	415	20,883
Counties										
Alcona	154	11,150	25,746	1	(D)	140	12,070	17,284	5	5
Alger	64	6,724	14,684	-	-	48	6,401	6,480	-	-
Allegan	521	24,914	76,971	13	620	573	23,674	65,790	14	627
Alpena	235	14,722	40,387	-	-	269	19,843	27,493	4	7
Antrim	125	8,711	18,442	3	87	149	11,242	26,054	5	156
Arenac	116	8,218	22,446	1	(D)	114	6,266	21,508	-	-
Baraga	44	4,604	6,701	-	-	32	3,954	4,605	-	-
Barry	424	23,672	80,032	6	650	476	22,645	61,842	17	774
Bay	134	6,503	17,050	-	-	168	5,789	17,523	-	-
Benzie	46	1,639	2,822	-	-	59	1,893	3,332	-	-
Berrien	211	3,767	8,926	7	88	256	4,937	10,155	4	15
Branch	316	8,630	28,778	23	665	376	10,201	26,395	11	428
Calhoun	369	10,142	27,205	5	133	425	12,315	25,688	6	107
Cass	283	6,695	15,206	9	419	315	8,035	15,702	7	243
Charlevoix	114	5,524	8,271	-	-	151	10,933	16,671	2	(D)
Cheboygan	159	12,455	14,815	-	-	178	14,275	18,920	3	5
Chippewa	258	29,202	47,293	1	(D)	272	44,036	54,713	2	(D)
Clare	231	14,827	40,226	1	(D)	270	15,470	33,657	2	(D)
Clinton	385	19,692	77,203	9	740	390	21,801	101,540	10	721
Crawford	13	245	334	-	-	13	537	347	-	-
Delta	139	14,580	29,082	2	(D)	175	19,733	28,008	-	-
Dickinson	88	4,251	6,292	2	(D)	105	9,294	11,008	2	(D)
Eaton	373	10,560	26,360	1	(D)	461	13,397	30,863	6	101
Emmet	143	9,821	13,328	-	-	164	11,240	12,851	1	(D)
Genesee	313	9,703	18,517	3	101	332	9,897	21,603	4	(D)
Gladwin	281	11,155	17,788	2	(D)	307	12,594	20,517	4	58
Gogebic	27	1,156	1,306	-	-	29	1,307	1,581	-	-
Grand Traverse	171	10,361	18,566	6	148	163	9,478	12,676	2	(D)
Gratiot	222	17,849	61,829	10	795	235	17,429	75,504	8	451
Hillsdale	422	15,948	52,049	10	480	511	16,046	35,242	8	263
Houghton	94	7,542	10,808	-	-	82	6,794	11,288	1	(D)
Huron	313	28,458	122,606	7	489	321	23,334	94,946	8	166
Ingham	383	12,071	35,469	8	8	386	13,646	28,779	1	(D)
Ionia	412	20,190	75,235	11	348	481	24,652	90,094	10	567
Iosco	137	10,113	21,838	5	156	167	11,270	18,493	1	(D)
Iron	86	6,414	10,646	1	(D)	78	5,990	6,921	1	(D)
Isabella	445	26,749	67,126	6	875	410	22,775	59,656	1	(D)
Jackson	440	14,619	33,500	5	49	445	18,014	38,129	5	174
Kalamazoo	236	10,460	29,127	10	710	247	9,954	23,656	14	1,196
Kalkaska	79	4,325	8,299	6	36	68	2,901	4,531	2	(D)
Kent	404	17,325	45,997	10	1,022	449	19,812	57,906	9	468
Lake	97	6,405	8,736	1	(D)	103	6,195	10,261	-	-
Lapeer	460	16,356	38,039	11	157	525	21,026	49,890	10	76
Leelanau	114	3,897	8,463	1	(D)	154	5,715	6,702	6	14
Lenawee	368	18,120	65,871	5	989	365	15,145	39,199	2	(D)
Livingston	291	11,105	24,146	1	(D)	299	10,794	23,714	5	92
Luce	23	2,217	3,286	-	-	20	3,061	2,586	2	(D)
Mackinac	66	9,098	16,441	-	-	66	7,862	13,744	-	-
Macomb	129	3,763	7,380	5	306	159	4,016	8,398	1	(D)
Manistee	119	4,892	7,422	6	6	136	4,999	5,451	2	(D)
Marquette	71	8,940	13,689	-	-	68	6,777	6,751	2	(D)
Mason	191	14,523	44,696	8	185	197	13,332	36,888	4	130

--continued

Table 26. Field Seeds, Grass Seeds, Forage, Hay, and Silage: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
ALFALFA HAY (TONS, DRY) - Con.										
Counties - Con.										
Lenawee.....	287	9,602	34,627	-	-	292	7,080	15,174	1	(D)
Livingston.....	203	6,590	12,117	1	(D)	238	7,855	14,330	3	(D)
Luce.....	15	813	1,038	-	-	8	619	433	2	(D)
Mackinac.....	25	1,601	1,684	-	-	23	2,112	4,688	-	-
Macomb.....	90	2,389	4,576	3	98	101	2,558	5,010	1	(D)
Manistee.....	73	2,900	3,911	6	6	94	3,393	3,830	2	(D)
Marquette.....	21	3,757	7,363	-	-	21	2,080	2,469	-	-
Mason.....	146	8,840	20,007	7	(D)	121	6,952	16,055	2	(D)
Mecosta.....	376	17,899	35,473	6	200	361	18,462	32,343	7	219
Menominee.....	143	12,394	23,894	-	-	160	13,197	15,242	-	-
Midland.....	101	4,528	6,140	2	(D)	101	3,723	6,739	1	(D)
Missaukee.....	140	14,382	39,557	6	(D)	172	11,592	26,366	7	(D)
Monroe.....	184	3,797	11,879	2	(D)	196	3,135	6,698	3	12
Montcalm.....	362	12,807	30,447	30	(D)	432	14,977	35,133	29	801
Montmorency.....	82	4,633	5,640	-	-	74	4,441	9,951	1	(D)
Muskegon.....	118	4,962	12,369	1	(D)	142	6,021	12,846	3	(D)
Newaygo.....	366	13,391	27,728	4	175	332	13,626	30,004	3	(D)
Oakland.....	68	4,272	6,388	-	-	71	2,783	6,135	-	-
Oceana.....	166	7,791	14,400	9	421	200	9,367	16,829	4	128
Ogemaw.....	170	11,971	35,558	-	-	140	10,603	30,168	-	-
Ontonagon.....	18	1,395	2,663	-	-	15	(D)	(D)	-	-
Osceola.....	295	20,457	41,568	1	(D)	287	19,131	44,318	1	(D)
Oscoda.....	49	2,383	4,677	-	-	49	3,008	5,876	-	-
Otsego.....	68	6,665	14,542	3	135	82	6,432	9,901	1	(D)
Ottawa.....	268	9,886	26,909	6	(D)	322	9,207	24,347	4	(D)
Presque Isle.....	136	8,516	20,508	1	(D)	139	11,683	13,628	4	(D)
Roscommon.....	10	982	1,015	-	-	18	921	1,309	1	(D)
Saginaw.....	148	3,232	9,193	-	-	134	2,753	7,534	-	-
St. Clair.....	270	8,357	18,879	1	(D)	258	7,350	17,022	4	(D)
St. Joseph.....	298	9,118	24,023	28	1,196	322	8,283	22,554	31	(D)
Sanilac.....	410	21,895	79,773	6	20	423	19,908	56,604	4	16
Schoolcraft.....	8	1,026	1,889	-	-	19	1,155	1,604	-	-
Shiawassee.....	274	7,618	18,448	-	-	340	11,979	25,185	-	-
Tuscola.....	283	9,129	24,193	3	135	332	10,192	27,785	9	(D)
Van Buren.....	209	6,826	13,501	6	(D)	244	6,688	12,406	6	48
Washtenaw.....	378	12,637	28,985	6	(D)	375	12,810	25,974	8	329
Wayne.....	15	350	798	-	-	31	599	1,080	-	-
Wexford.....	112	6,627	12,109	1	(D)	114	5,621	8,069	6	(D)
OTHER DRY HAY (TONS, DRY)										
(SEE TEXT)										
State Total										
Michigan.....	5,188	184,859	285,257	62	1,744	(NA)	(NA)	(NA)	(NA)	(NA)
Counties										
Alcona.....	55	2,047	4,593	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Alger.....	31	1,971	2,775	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Allegan.....	190	4,571	7,458	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Alpena.....	64	2,302	3,316	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Antrim.....	34	1,272	1,560	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Arenac.....	18	553	1,433	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Baraga.....	31	2,797	3,780	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Barry.....	110	2,763	4,915	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Bay.....	33	1,182	1,252	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Benzie.....	6	98	81	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Berrien.....	74	998	1,928	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Branch.....	59	940	2,415	3	9	(NA)	(NA)	(NA)	(NA)	(NA)
Calhoun.....	86	1,835	2,479	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cass.....	47	686	948	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Charlevoix.....	25	692	790	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cheboygan.....	71	3,567	2,788	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Chippewa.....	202	19,654	32,439	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clare.....	58	2,133	2,982	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clinton.....	71	1,294	3,817	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Crawford.....	6	135	229	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Delta.....	32	2,549	3,656	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dickinson.....	33	1,163	1,387	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Eaton.....	80	2,141	4,600	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Emmet.....	52	2,489	3,013	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Genesee.....	93	2,619	3,735	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Gladwin.....	104	3,730	4,666	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Gogebic.....	20	914	971	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Grand Traverse.....	28	1,105	1,969	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Gratiot.....	43	1,079	2,031	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hillsdale.....	39	795	1,042	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Houghton.....	45	3,180	4,363	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Huron.....	23	1,194	1,470	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ingham.....	103	1,078	1,904	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Ionia.....	77	1,459	2,538	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Iosco.....	47	1,858	2,457	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iron.....	61	4,411	6,823	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Isabella.....	94	3,916	5,582	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson.....	95	1,035	1,622	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Kalamazoo.....	71	1,757	2,826	4	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Kalkaska.....	18	640	565	4	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Kent.....	99	2,539	4,866	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Lake.....	48	2,483	2,511	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

Table 26. Field Seeds, Grass Seeds, Forage, Hay, and Silage: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
OTHER DRY HAY (TONS, DRY) (SEE TEXT) - Con.										
Counties - Con.										
Lapeer.....	138	3,014	5,091	7	122	(NA)	(NA)	(NA)	(NA)	(NA)
Leelanau.....	39	803	716	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Lenawee.....	71	1,405	2,570	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Livingston.....	83	2,552	3,481	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Luce.....	7	958	1,153	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mackinac.....	48	4,468	4,546	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Macomb.....	35	796	1,033	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Manistee.....	45	1,743	2,869	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marquette.....	43	2,975	2,225	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mason.....	49	1,762	3,303	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Mecosta.....	83	3,343	3,928	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Menominee.....	59	2,687	4,569	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Midland.....	67	2,027	2,776	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Missaukee.....	58	4,293	6,199	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Monroe.....	48	545	1,426	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Montcalm.....	70	1,265	2,324	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Montmorency.....	24	1,253	2,004	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muskegon.....	51	2,251	5,082	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Newaygo.....	123	4,501	7,495	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Oakland.....	66	1,976	1,973	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Oceana.....	49	1,120	1,140	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ogemaw.....	36	1,474	2,489	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ontonagon.....	64	6,431	11,509	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Osceola.....	136	6,241	9,863	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Oscoda.....	18	1,044	1,252	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Otsego.....	18	790	958	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ottawa.....	173	3,050	6,454	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Presque Isle.....	49	2,293	2,169	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Roscommon.....	6	1,005	1,261	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Saginaw.....	34	560	980	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
St. Clair.....	190	5,206	7,800	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
St. Joseph.....	74	1,580	2,743	13	303	(NA)	(NA)	(NA)	(NA)	(NA)
Sanilac.....	130	3,948	8,370	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Schoolcraft.....	18	835	1,600	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Shiawassee.....	79	1,381	2,935	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Tuscola.....	84	1,827	4,277	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren.....	72	1,639	2,750	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Washtenaw.....	112	2,728	4,166	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Wayne.....	5	165	105	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wexford.....	58	1,301	1,098	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN) (SEE TEXT)										
State Total										
Michigan.....	2,914	292,791	2,098,509	136	15,569	2,337	248,097	1,739,882	122	12,391
Counties										
Alcona.....	19	1,533	11,316	-	-	16	2,044	7,718	-	-
Alger.....	8	2,090	12,341	-	-	8	1,184	2,380	-	-
Alligean.....	89	9,344	77,059	2	(D)	85	8,724	63,935	4	397
Alpena.....	35	3,324	22,412	-	-	52	5,064	18,496	-	-
Antrim.....	20	1,057	5,213	-	-	12	664	1,847	-	-
Arenac.....	27	3,806	24,180	-	-	18	2,437	22,630	-	-
Baraga.....	9	868	2,212	-	-	3	(D)	84	-	-
Barry.....	78	9,476	81,938	3	540	35	5,786	53,687	6	620
Bay.....	13	1,860	11,285	-	-	13	1,383	11,828	-	-
Benzie.....	5	213	1,226	-	-	1	(D)	(D)	-	-
Berrien.....	14	163	805	-	-	20	740	1,218	-	-
Branch.....	44	2,651	25,447	3	309	22	1,831	13,944	3	356
Calhoun.....	22	1,864	12,949	-	-	26	1,505	12,278	-	-
Cass.....	22	380	1,833	-	-	28	551	1,541	-	-
Charlevoix.....	30	1,057	4,619	-	-	11	1,993	10,245	-	-
Cheboygan.....	18	1,412	4,946	-	-	16	2,300	7,133	-	-
Chippewa.....	48	5,280	15,309	-	-	34	6,454	15,231	-	-
Clare.....	40	3,428	26,436	1	(D)	23	2,562	17,130	1	(D)
Clinton.....	61	11,057	98,650	4	619	79	11,271	131,490	6	395
Crawford.....	3	(D)	(D)	-	-	3	52	94	-	-
Delta.....	36	2,435	7,704	-	-	29	2,919	8,416	-	-
Dickinson.....	20	853	3,610	-	-	13	1,035	6,315	-	-
Eaton.....	42	1,246	4,537	1	(D)	40	1,382	4,985	-	-
Emmet.....	22	886	3,907	-	-	6	870	2,959	-	-
Genesee.....	25	1,160	6,995	1	(D)	21	1,350	7,603	1	(D)
Gladwin.....	28	954	4,140	1	(D)	33	1,486	4,987	-	-
Gogebic.....	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Grand Traverse.....	18	457	1,180	-	-	11	345	1,210	-	-
Gratiot.....	53	9,683	61,329	6	651	51	7,396	81,497	6	258
Hillsdale.....	52	5,562	45,376	4	422	33	2,707	17,483	2	(D)
Houghton.....	26	881	3,649	-	-	9	530	2,573	-	-
Huron.....	87	17,195	167,125	4	475	95	13,968	128,191	5	153
Ingham.....	46	4,185	30,335	-	-	36	2,984	16,443	1	(D)
Ionia.....	81	10,429	93,558	9	337	81	11,503	106,634	3	(D)
Iosco.....	24	3,892	14,257	3	86	20	1,716	11,034	1	(D)
Iron.....	18	356	822	-	-	8	170	205	-	-
Isabella.....	95	8,439	54,917	3	275	49	6,014	38,227	1	(D)
Jackson.....	48	2,774	15,584	4	12	36	3,059	17,557	1	(D)
Kalamazoo.....	36	2,632	12,731	1	(D)	13	798	4,235	3	(D)

--continued

Table 26. Field Seeds, Grass Seeds, Forage, Hay, and Silage: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN) (SEE TEXT) - Con.										
Counties - Con.										
Kalkaska.....	6	216	518	-	-	5	136	462	-	-
Kent.....	68	5,122	37,253	5	780	69	6,194	50,441	5	386
Lake.....	10	763	3,164	-	-	6	1,171	7,711	-	-
Lapeer.....	50	2,029	13,250	2	(D)	45	2,497	20,676	1	(D)
Leelanau.....	17	622	3,457	-	-	16	866	2,437	-	-
Lenawee.....	56	7,787	58,012	5	989	37	6,201	38,728	2	(D)
Livingston.....	40	2,325	17,287	-	-	15	1,648	14,754	-	-
Luce.....	5	446	2,218	-	-	1	(D)	(D)	-	-
Mackinac.....	14	4,325	20,654	-	-	6	1,006	(D)	-	-
Macomb.....	17	648	3,580	3	(D)	19	500	2,689	-	-
Manistee.....	12	279	1,297	-	-	6	55	117	-	-
Marquette.....	12	2,208	8,299	-	-	4	(D)	(D)	-	-
Mason.....	41	4,778	43,271	-	-	21	4,185	34,291	2	(D)
Mecosta.....	44	3,859	25,148	4	(D)	63	4,583	24,499	7	508
Menominee.....	67	9,171	47,655	-	-	45	8,928	32,548	-	-
Midland.....	16	1,610	14,066	-	-	15	1,006	8,770	-	-
Missaukee.....	62	20,832	166,080	16	2,560	56	13,842	92,985	13	1,605
Monroe.....	13	382	2,442	-	-	10	365	1,911	-	-
Montcalm.....	63	5,630	50,522	13	1,556	69	6,727	48,743	18	1,146
Montmorency.....	12	2,142	15,911	-	-	8	1,294	3,604	-	-
Muskegon.....	34	2,385	12,387	-	-	22	4,840	63,559	2	(D)
Newaygo.....	79	8,002	58,899	3	450	70	7,448	47,100	2	(D)
Oakland.....	19	780	3,507	3	(D)	23	666	2,583	-	-
Oceana.....	16	2,305	20,224	2	(D)	18	1,580	13,056	-	-
Ogemaw.....	54	7,330	45,742	1	(D)	35	5,450	36,783	-	-
Ontonagon.....	11	1,182	11,924	-	-	3	255	(D)	-	-
Osceola.....	65	9,008	60,742	1	(D)	63	8,039	46,697	3	385
Oscoda.....	12	733	4,206	-	-	21	1,643	7,575	-	-
Otsego.....	3	311	2,381	-	-	1	(D)	(D)	-	-
Ottawa.....	93	8,344	69,333	5	940	80	7,474	45,244	7	735
Presque Isle.....	33	2,617	12,957	-	-	11	811	3,090	-	-
Roscommon.....	9	385	2,513	2	(D)	1	(D)	(D)	-	-
Saginaw.....	28	1,471	11,162	-	-	24	1,606	16,467	-	-
St. Clair.....	61	2,246	9,122	1	(D)	30	2,003	10,311	2	(D)
St. Joseph.....	39	1,307	5,743	4	334	38	976	5,035	6	211
Sanilac.....	139	18,213	153,177	6	291	126	12,780	98,342	1	(D)
Schoolcraft.....	7	984	1,950	-	-	3	(D)	(D)	-	-
Shiawassee.....	37	4,628	38,327	2	(D)	32	4,890	34,590	-	-
Tuscola.....	65	5,265	30,248	2	(D)	59	3,451	29,091	4	128
Van Buren.....	43	999	7,425	4	(D)	17	1,407	11,586	2	(D)
Washtenaw.....	51	2,934	21,541	2	(D)	39	1,791	13,221	1	(D)
Wexford.....	27	1,213	8,734	-	-	14	1,558	8,544	-	-
HAYLAGE OR GREENCHOP FROM ALFALFA OR ALFALFA MIXTURES (TONS, GREEN)										
State Total										
Michigan.....	1,812	236,333	1,845,578	116	14,383	1,851	219,386	1,618,904	111	12,086
Counties										
Alcona.....	8	1,148	9,271	-	-	10	1,872	7,583	-	-
Alger.....	4	1,255	9,975	-	-	6	(D)	(D)	-	-
Allegan.....	64	8,308	71,149	2	(D)	75	8,371	62,275	4	397
Alpena.....	26	2,475	18,733	-	-	39	4,647	15,798	-	-
Antrim.....	10	834	(D)	-	-	7	537	1,642	-	-
Arenac.....	17	2,360	18,419	-	-	16	2,303	(D)	-	-
Baraga.....	3	252	402	-	-	2	(D)	(D)	-	-
Barry.....	45	7,113	69,133	3	540	28	5,499	52,712	6	(D)
Bay.....	10	1,641	10,767	-	-	13	(D)	(D)	-	-
Benzie.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Berrien.....	6	113	764	-	-	14	332	956	-	-
Branch.....	33	2,416	24,790	2	(D)	17	1,685	13,752	3	356
Calhoun.....	19	1,494	(D)	-	-	17	1,371	11,716	-	-
Cass.....	11	260	1,576	-	-	17	397	1,204	-	-
Charlevoix.....	4	569	(D)	-	-	10	1,739	9,613	-	-
Cheboygan.....	11	695	2,460	-	-	12	(D)	(D)	-	-
Chippewa.....	7	1,611	6,002	-	-	6	(D)	(D)	-	-
Clare.....	28	3,070	25,725	1	(D)	19	2,232	13,082	1	(D)
Clinton.....	54	10,545	94,460	4	(D)	68	10,667	129,643	6	(D)
Crawford.....	3	(D)	(D)	-	-	3	(D)	(D)	-	-
Delta.....	10	1,611	6,104	-	-	20	1,943	5,955	-	-
Dickinson.....	11	570	(D)	-	-	10	973	6,036	-	-
Eaton.....	27	952	4,115	1	(D)	33	1,191	4,571	-	-
Emmet.....	6	290	(D)	-	-	4	484	(D)	-	-
Genesee.....	12	896	6,079	1	(D)	14	1,145	6,190	1	(D)
Gladwin.....	19	726	3,549	1	(D)	18	669	3,412	-	-
Grand Traverse.....	10	326	959	-	-	3	282	1,111	-	-
Gratiot.....	44	8,286	56,191	5	594	43	7,030	79,941	6	258
Hillsdale.....	39	4,729	39,851	3	(D)	27	2,393	16,675	2	(D)
Houghton.....	5	231	1,057	-	-	8	(D)	(D)	-	-
Huron.....	81	15,620	154,322	4	(D)	89	13,807	126,330	5	153
Ingham.....	22	3,201	24,373	-	-	30	2,814	15,952	1	(D)
Ionia.....	64	8,909	(D)	9	337	75	10,804	101,119	3	(D)
Iosco.....	16	2,611	11,531	3	86	16	1,633	10,371	-	-
Iron.....	3	57	192	-	-	-	-	-	-	-

--continued

Table 26. Field Seeds, Grass Seeds, Forage, Hay, and Silage: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
HAYLAGE OR GREENCHOP FROM ALFALFA OR ALFALFA MIXTURES (TONS, GREEN) - Con.										
Counties - Con.										
Isabella.....	75	7,382	49,461	3	275	37	5,114	34,003	1	(D)
Jackson.....	34	2,658	15,333	-	-	27	2,805	16,035	1	(D)
Kalamazoo.....	13	2,061	10,400	1	(D)	10	645	3,960	3	(D)
Kalkaska.....	3	90	(D)	-	-	2	(D)	(D)	-	-
Kent.....	43	4,562	34,759	5	661	57	5,669	45,530	3	359
Lake.....	3	543	2,928	-	-	5	(D)	(D)	-	-
Lapeer.....	27	1,423	11,633	-	-	39	2,370	20,120	-	-
Leelanau.....	8	490	3,046	-	-	10	770	2,127	-	-
Lenawee.....	46	7,469	57,278	5	(D)	26	5,068	27,833	2	(D)
Livingston.....	18	2,061	16,850	-	-	13	(D)	(D)	-	-
Luce.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Mackinac.....	7	1,320	6,110	-	-	6	(D)	889	-	-
Macomb.....	6	482	3,164	2	(D)	9	308	2,134	-	-
Manistee.....	6	145	997	-	-	5	(D)	(D)	-	-
Marquette.....	8	2,179	8,247	-	-	1	(D)	(D)	-	-
Mason.....	33	4,255	41,143	-	-	21	(D)	(D)	2	(D)
Mecosta.....	29	3,286	23,299	4	(D)	52	3,946	22,569	5	(D)
Menominee.....	56	7,795	44,055	-	-	39	7,680	22,226	-	-
Midland.....	6	1,356	13,604	-	-	6	896	(D)	-	-
Missaukee.....	45	15,876	133,265	15	(D)	49	12,382	86,474	11	(D)
Monroe.....	9	299	2,123	-	-	7	346	1,872	-	-
Montcalm.....	42	5,037	47,773	13	1,556	64	6,554	48,066	18	1,146
Montmorency.....	7	1,838	14,427	-	-	8	1,294	3,604	-	-
Muskegon.....	17	2,046	11,700	-	-	14	4,750	62,675	2	(D)
Newaygo.....	59	7,418	57,642	3	450	57	7,260	46,715	2	(D)
Oakland.....	1	(D)	(D)	1	(D)	13	363	1,879	-	-
Oceana.....	9	2,208	20,060	2	(D)	18	1,580	13,056	-	-
Ogemaw.....	41	6,756	43,165	1	(D)	29	4,977	34,225	-	-
Ontonagon.....	4	652	4,840	-	-	1	(D)	(D)	-	-
Osceola.....	37	6,691	50,120	1	(D)	52	7,547	43,279	3	385
Oscoda.....	11	543	2,892	-	-	18	1,605	7,423	-	-
Otsego.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Ottawa.....	56	7,357	64,609	4	(D)	65	6,795	43,740	7	735
Presque Isle.....	13	1,952	11,694	-	-	7	645	2,688	-	-
Roscommon.....	9	385	2,513	2	(D)	1	(D)	(D)	-	-
Saginaw.....	10	1,216	10,274	-	-	19	1,523	16,217	-	-
St. Clair.....	25	958	6,993	-	-	20	1,795	9,419	-	-
St. Joseph.....	25	849	4,025	3	(D)	36	(D)	(D)	6	211
Sanilac.....	115	15,483	137,623	4	(D)	114	12,071	92,479	1	(D)
Schoolcraft.....	3	444	1,102	-	-	3	(D)	(D)	-	-
Shiawassee.....	18	4,366	37,884	1	(D)	22	4,732	34,108	-	-
Tuscola.....	48	4,670	27,421	2	(D)	47	3,252	28,583	4	128
Van Buren.....	19	688	6,206	3	(D)	9	1,150	10,887	2	(D)
Washtenaw.....	24	2,419	19,097	2	(D)	33	1,671	(D)	-	-
Wexford.....	9	1,106	8,547	-	-	8	1,230	8,050	-	-
ALL OTHER HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN)										
State Total										
Michigan.....	1,308	56,458	252,931	31	1,186	614	28,711	120,978	15	305
Counties										
Alcona.....	12	385	2,045	-	-	6	172	135	-	-
Alger.....	5	835	2,366	-	-	2	(D)	(D)	-	-
Allegan.....	31	1,036	5,910	-	-	15	353	1,660	-	-
Alpena.....	17	849	3,679	-	-	20	417	2,698	-	-
Antrim.....	12	223	(D)	-	-	6	127	205	-	-
Arenac.....	17	1,446	5,761	-	-	6	134	(D)	-	-
Baraga.....	6	616	1,810	-	-	1	(D)	(D)	-	-
Barry.....	40	2,363	12,805	-	-	9	287	975	1	(D)
Bay.....	6	219	518	-	-	1	(D)	(D)	-	-
Benzie.....	4	(D)	(D)	-	-	-	-	-	-	-
Berrien.....	8	50	41	-	-	6	408	262	-	-
Branch.....	12	235	657	1	(D)	5	146	192	-	-
Calhoun.....	4	370	(D)	-	-	9	134	562	-	-
Cass.....	11	120	257	-	-	11	154	337	-	-
Charlevoix.....	26	488	(D)	-	-	3	254	632	-	-
Cheboygan.....	8	717	2,486	-	-	5	(D)	(D)	-	-
Chippewa.....	42	3,669	9,307	-	-	30	(D)	(D)	-	-
Clare.....	13	358	711	-	-	5	330	4,048	-	-
Clinton.....	11	512	4,190	1	(D)	15	604	1,847	1	(D)
Crawford.....	-	-	-	-	-	1	(D)	(D)	-	-
Delta.....	26	824	1,600	-	-	13	976	2,461	-	-
Dickinson.....	9	283	(D)	-	-	4	62	279	-	-
Eaton.....	16	294	422	-	-	10	191	414	-	-
Emmet.....	17	596	(D)	-	-	3	386	(D)	-	-
Genesee.....	14	264	916	1	(D)	10	205	1,413	1	(D)
Gladwin.....	11	228	591	-	-	16	817	1,575	-	-
Gogebic.....	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Grand Traverse.....	8	131	221	-	-	8	63	99	-	-
Gratiot.....	13	1,397	5,138	3	57	11	366	1,556	-	-
Hillsdale.....	21	833	5,525	1	(D)	8	314	808	-	-
Houghton.....	21	650	2,592	-	-	1	(D)	(D)	-	-
Huron.....	8	1,575	12,803	1	(D)	8	161	1,861	-	-
Ingham.....	30	984	5,962	-	-	9	170	491	-	-

--continued

Table 26. Field Seeds, Grass Seeds, Forage, Hay, and Silage: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
ALL OTHER HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN) - Con.										
Counties - Con.										
Ionia.....	23	1,520	(D)	-	-	8	699	5,515	-	-
Iosco.....	11	1,281	2,726	-	-	4	83	663	1	(D)
Iron.....	15	299	630	-	-	8	170	205	-	-
Isabella.....	30	1,057	5,456	-	-	16	900	4,224	-	-
Jackson.....	16	116	251	4	12	10	254	1,522	-	-
Kalamazoo.....	24	571	2,331	-	-	4	153	275	-	-
Kalkaska.....	4	126	(D)	-	-	3	(D)	(D)	-	-
Kent.....	31	560	2,494	3	119	15	525	4,911	3	27
Lake.....	8	220	236	-	-	1	(D)	(D)	-	-
Lapeer.....	28	606	1,617	2	(D)	10	127	556	1	(D)
Leelanau.....	11	132	411	-	-	6	96	310	-	-
Lenawee.....	11	318	734	1	(D)	16	1,133	10,895	-	-
Livingston.....	23	264	437	-	-	2	(D)	(D)	-	-
Luce.....	4	(D)	(D)	-	-	1	(D)	(D)	-	-
Mackinac.....	11	3,005	14,544	-	-	1	(D)	(D)	-	-
Macomb.....	11	166	416	1	(D)	10	192	555	-	-
Manistee.....	6	134	300	-	-	1	(D)	(D)	-	-
Marquette.....	5	29	52	-	-	3	(D)	(D)	-	-
Mason.....	13	523	2,128	-	-	2	(D)	(D)	-	-
Mecosta.....	17	573	1,849	-	-	17	637	1,930	2	(D)
Menominee.....	21	1,376	3,600	-	-	12	1,248	10,322	-	-
Midland.....	10	254	462	-	-	10	110	(D)	-	-
Missaukee.....	24	4,956	32,815	1	(D)	12	1,460	6,511	2	(D)
Monroe.....	6	83	319	-	-	3	19	39	-	-
Montcalm.....	23	593	2,749	-	-	6	173	677	-	-
Montmorency.....	6	304	1,484	-	-	-	-	-	-	-
Muskegon.....	17	339	687	-	-	8	90	884	-	-
Newaygo.....	29	584	1,257	-	-	13	188	385	-	-
Oakland.....	18	(D)	(D)	2	(D)	11	303	704	-	-
Oceana.....	8	97	164	-	-	-	-	-	-	-
Ogemaw.....	17	574	2,577	-	-	8	473	2,558	-	-
Ononagon.....	7	530	7,084	-	-	3	(D)	(D)	-	-
Osceola.....	35	2,317	10,622	-	-	16	492	3,418	-	-
Oscoda.....	7	190	1,314	-	-	5	38	152	-	-
Otsego.....	3	(D)	(D)	-	-	-	-	-	-	-
Ottawa.....	45	987	4,724	1	(D)	17	679	1,504	-	-
Presque Isle.....	21	665	1,263	-	-	8	166	402	-	-
Saginaw.....	19	255	888	-	-	7	83	250	-	-
St. Clair.....	46	1,288	2,129	1	(D)	13	208	892	2	(D)
St. Joseph.....	15	458	1,718	1	(D)	2	(D)	(D)	-	-
Sanilac.....	32	2,730	15,554	2	(D)	18	709	5,863	-	-
Schoolcraft.....	4	540	848	-	-	-	-	-	-	-
Shiawassee.....	19	262	443	1	(D)	11	158	482	-	-
Tuscola.....	21	595	2,827	1	(D)	13	199	508	-	-
Van Buren.....	25	311	1,219	2	(D)	8	257	699	-	-
Washtenaw.....	29	515	2,444	-	-	7	120	(D)	1	(D)
Wexford.....	18	107	187	-	-	6	328	494	-	-
CORN FOR SILAGE OR GREENCHOP (TONS)										
State Total										
Michigan.....	2,355	331,133	6,157,400	133	21,043	3,074	309,709	4,861,484	151	19,791
Counties										
Alcona.....	5	491	7,965	-	-	9	881	11,452	-	-
Alger.....	1	(D)	(D)	-	-	6	219	1,994	-	-
Allegan.....	88	16,803	324,426	6	1,721	101	17,742	252,837	3	(D)
Alpena.....	30	2,202	31,893	-	-	41	1,979	26,746	2	(D)
Antrim.....	24	1,544	23,524	1	(D)	32	1,317	15,854	1	(D)
Arenac.....	18	2,399	39,735	-	-	22	2,082	32,910	-	-
Baraga.....	3	300	5,400	-	-	-	-	-	-	-
Barry.....	44	11,711	237,791	7	1,498	39	10,247	166,513	8	1,219
Bay.....	18	1,644	30,694	-	-	12	1,187	21,934	-	-
Benzie.....	12	389	5,537	-	-	16	432	2,866	1	(D)
Berrien.....	3	596	10,712	-	-	11	1,038	14,582	1	(D)
Branch.....	26	3,439	69,954	4	525	38	3,332	55,202	4	529
Calhoun.....	31	4,694	92,821	1	(D)	45	5,409	64,958	2	(D)
Cass.....	5	271	5,406	2	(D)	11	1,250	20,657	2	(D)
Charlevoix.....	13	501	8,328	-	-	22	631	10,573	-	-
Cheboygan.....	7	408	5,422	-	-	9	627	8,954	-	-
Chippewa.....	2	(D)	(D)	-	-	3	(D)	(D)	1	(D)
Clare.....	47	2,746	43,801	1	(D)	29	1,932	28,686	1	(D)
Clinton.....	53	19,419	373,466	3	(D)	86	17,427	319,320	3	(D)
Delta.....	17	550	8,507	-	-	19	723	8,386	-	-
Dickinson.....	6	329	4,911	-	-	20	738	10,160	-	-
Eaton.....	21	743	12,952	-	-	40	1,486	14,520	1	(D)
Emmet.....	21	581	7,334	-	-	23	849	10,709	-	-
Genesee.....	19	1,203	17,704	1	(D)	19	1,508	24,514	1	(D)
Gladwin.....	23	1,410	18,146	-	-	38	670	8,832	-	-
Gogebic.....	1	(D)	(D)	-	-	-	-	-	-	-
Grand Traverse.....	17	1,179	20,520	-	-	27	719	6,967	1	(D)
Gratiot.....	74	21,012	386,806	12	3,726	64	12,636	268,086	10	1,866
Hillsdale.....	50	6,757	131,995	6	1,283	84	6,801	96,142	12	976
Houghton.....	-	-	-	-	-	3	102	2,230	-	-
Huron.....	137	27,669	554,565	6	565	187	27,515	479,504	8	248
Ingham.....	34	5,406	114,880	-	-	46	3,640	53,323	-	-

--continued

Table 26. Field Seeds, Grass Seeds, Forage, Hay, and Silage: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN FOR SILAGE OR GREENCHOP (TONS) - Con.										
Counties - Con.										
Ionia.....	83	16,011	318,959	1	(D)	103	14,654	255,387	2	(D)
Iosco.....	17	1,820	28,298	-	-	23	1,457	18,703	-	-
Iron.....	4	96	1,518	-	-	8	130	2,714	-	-
Isabella.....	69	8,089	140,207	-	-	76	6,028	101,197	1	(D)
Jackson.....	33	3,813	67,622	3	315	41	4,291	42,652	3	159
Kalamazoo.....	23	3,433	71,232	7	1,399	29	3,871	73,167	7	1,345
Kalkaska.....	6	142	1,720	-	-	5	189	6,207	-	-
Kent.....	53	7,168	137,870	3	217	83	7,967	123,215	2	(D)
Lake.....	7	319	4,949	-	-	7	502	7,546	-	-
Lapeer.....	35	3,139	60,197	-	-	61	3,527	56,920	-	-
Leelanau.....	10	228	2,541	-	-	16	637	4,991	-	-
Lenawee.....	53	13,022	266,352	2	(D)	39	11,301	129,863	3	(D)
Livingston.....	15	1,899	34,048	1	(D)	16	1,194	19,335	-	-
Luce.....	-	-	-	-	-	1	(D)	(D)	-	-
Mackinac.....	5	754	8,720	-	-	8	392	(D)	-	-
Macomb.....	15	1,064	15,622	1	(D)	20	1,863	31,887	1	(D)
Manistee.....	14	557	6,478	-	-	21	400	3,834	-	-
Marquette.....	8	248	3,968	-	-	5	256	(D)	-	-
Mason.....	20	2,322	42,612	1	(D)	23	2,197	33,690	2	(D)
Mecosta.....	64	3,516	65,186	3	287	130	3,429	49,185	2	(D)
Menominee.....	48	6,916	96,910	-	-	63	7,044	98,734	-	-
Midland.....	5	525	8,592	1	(D)	7	607	10,642	-	-
Missaukee.....	80	22,975	398,178	17	2,820	76	16,106	268,638	9	1,629
Monroe.....	14	289	5,679	-	-	12	890	12,114	-	-
Montcalm.....	80	8,637	148,646	18	1,904	109	6,876	115,759	18	1,649
Montmorency.....	4	396	6,636	-	-	7	239	4,659	-	-
Muskegon.....	15	3,091	59,012	-	-	34	5,960	108,841	3	1,718
Newaygo.....	79	12,812	220,213	10	1,316	88	10,535	143,259	4	1,525
Oakland.....	2	(D)	(D)	-	-	4	76	1,004	-	-
Oceana.....	21	2,693	47,501	-	-	37	3,398	53,516	-	-
Ogemaw.....	56	5,194	79,830	1	(D)	39	3,603	49,068	1	(D)
Ontonagon.....	-	-	-	-	-	1	(D)	(D)	-	-
Osceola.....	55	6,716	104,242	3	205	60	5,045	76,208	3	259
Oscoda.....	14	407	6,904	-	-	29	818	9,003	-	-
Otsego.....	7	107	1,198	-	-	14	148	1,682	-	-
Ottawa.....	89	13,840	244,048	-	-	103	15,566	259,844	7	278
Presque Isle.....	19	1,864	24,148	-	-	27	1,068	15,273	-	-
Roscommon.....	-	-	-	-	-	2	(D)	(D)	-	-
Saginaw.....	26	1,618	34,058	-	-	30	1,760	32,551	-	-
St. Clair.....	19	1,082	21,158	-	-	41	1,497	24,452	-	-
St. Joseph.....	39	3,163	66,120	4	216	61	4,625	71,574	10	1,347
Sanilac.....	148	20,220	430,109	1	(D)	207	18,408	267,492	-	-
Shiawassee.....	23	4,674	95,109	1	(D)	36	5,191	82,654	-	-
Tuscola.....	60	5,288	104,853	1	(D)	61	4,166	64,559	3	45
Van Buren.....	11	1,160	24,026	3	470	19	1,548	24,230	6	463
Washtenaw.....	41	2,241	38,352	1	(D)	54	3,314	37,424	2	(D)
Wayne.....	-	-	-	-	-	6	162	984	-	-
Wexford.....	16	1,047	17,039	-	-	30	1,559	17,564	-	-
SORGHUM FOR SILAGE OR GREENCHOP (TONS)										
State Total										
Michigan.....	47	2,072	19,028	1	(D)	110	2,555	16,973	6	148
Counties										
Alcona.....	4	200	1,000	-	-	-	-	-	-	-
Allegan.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Alpena.....	-	-	-	-	-	2	(D)	(D)	-	-
Antrim.....	2	(D)	(D)	1	(D)	2	(D)	(D)	1	(D)
Arenac.....	-	-	-	-	-	1	(D)	(D)	-	-
Barry.....	-	-	-	-	-	1	(D)	(D)	-	-
Bay.....	2	(D)	(D)	-	-	-	-	-	-	-
Branch.....	-	-	-	-	-	3	72	520	-	-
Calhoun.....	-	-	-	-	-	1	(D)	(D)	-	-
Cass.....	1	(D)	(D)	-	-	-	-	-	-	-
Charlevoix.....	-	-	-	-	-	1	(D)	(D)	-	-
Cheboygan.....	-	-	-	-	-	1	(D)	(D)	-	-
Clare.....	2	(D)	(D)	-	-	-	-	-	-	-
Clinton.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Delta.....	-	-	-	-	-	1	(D)	(D)	-	-
Eaton.....	-	-	-	-	-	3	48	204	-	-
Emmet.....	-	-	-	-	-	1	(D)	(D)	-	-
Genesee.....	-	-	-	-	-	2	(D)	(D)	-	-
Gladwin.....	3	24	50	-	-	-	-	-	-	-
Grand Traverse.....	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Gratiot.....	-	-	-	-	-	2	(D)	(D)	-	-
Hillsdale.....	-	-	-	-	-	4	184	379	1	(D)
Ionia.....	1	(D)	(D)	-	-	4	116	1,345	-	-
Iosco.....	-	-	-	-	-	2	(D)	(D)	-	-
Isabella.....	2	(D)	(D)	-	-	8	424	2,369	-	-
Kalamazoo.....	-	-	-	-	-	1	(D)	(D)	1	(D)
Kent.....	-	-	-	-	-	1	(D)	(D)	-	-
Lapeer.....	-	-	-	-	-	2	(D)	(D)	-	-
Leelanau.....	-	-	-	-	-	1	(D)	(D)	-	-
Lenawee.....	4	637	6,253	-	-	2	(D)	(D)	-	-
Mackinac.....	-	-	-	-	-	1	(D)	(D)	-	-

--continued

Table 26. Field Seeds, Grass Seeds, Forage, Hay, and Silage: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SORGHUM FOR SILAGE OR GREENCHOP (TONS) - Con.										
Counties - Con.										
Manistee.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Mason.....	-	-	-	-	-	2	(D)	(D)	-	-
Mecosta.....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Menominee.....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Midland.....	-	-	-	-	-	2	(D)	(D)	-	-
Missaukee.....	2	(D)	(D)	-	-	10	238	1,065	1	(D)
Monroe.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Montcalm.....	1	(D)	(D)	-	-	-	-	-	-	-
Montmorency.....	-	-	-	-	-	1	(D)	(D)	-	-
Muskegon.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Newaygo.....	5	124	(D)	-	-	2	(D)	(D)	-	-
Oceana.....	1	(D)	(D)	-	-	5	60	335	-	-
Ogemaw.....	-	-	-	-	-	2	(D)	(D)	-	-
Oscoda.....	-	-	-	-	-	3	95	265	-	-
Oscoda.....	-	-	-	-	-	1	(D)	(D)	-	-
Otsego.....	-	-	-	-	-	1	(D)	(D)	-	-
Ottawa.....	2	(D)	(D)	-	-	-	-	-	-	-
Presque Isle.....	-	-	-	-	-	2	(D)	(D)	-	-
Saginaw.....	-	-	-	-	-	5	189	4,260	1	(D)
St. Clair.....	2	(D)	(D)	-	-	2	(D)	(D)	-	-
St. Joseph.....	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Sanilac.....	-	-	-	-	-	3	17	121	-	-
Shiawassee.....	-	-	-	-	-	1	(D)	(D)	-	-
Tuscola.....	1	(D)	(D)	-	-	-	-	-	-	-
Van Buren.....	-	-	-	-	-	9	118	648	1	(D)
Wexford.....	-	-	-	-	-	1	(D)	(D)	-	-

Table 27. Other Crops: 2017 and 2012

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN, TRADITIONAL OR INDIAN (POUNDS) (SEE TEXT)										
State Total										
Michigan.....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Counties										
Bay.....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monroe.....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
HERBS, DRIED (POUNDS)										
State Total										
Michigan.....	8	17	(D)	8	17	8	65	(D)	2	(D)
Counties										
Alger.....	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
Berrien.....	-	-	-	-	-	1	(D)	(D)	1	(D)
Genesee.....	-	-	-	-	-	1	(D)	(D)	-	-
Grand Traverse.....	3	3	60	3	3	-	-	-	-	-
Ingham.....	-	-	-	-	-	1	(D)	(D)	-	-
Iosco.....	-	-	-	-	-	2	(D)	(D)	-	-
Kent.....	1	(D)	(D)	1	(D)	-	-	-	-	-
Lenawee.....	-	-	-	-	-	1	(D)	(D)	-	-
Oceana.....	2	(D)	(D)	2	(D)	-	-	-	-	-
St. Clair.....	-	-	-	-	-	1	(D)	(D)	-	-
Washtenaw.....	1	(D)	(D)	1	(D)	-	-	-	-	-
HOPS (POUNDS)										
State Total										
Michigan.....	150	1,080	1,124,096	96	346	19	59	38,374	12	33
Counties										
Alcona.....	2	(D)	(D)	2	(D)	-	-	-	-	-
Allegan.....	5	10	6,057	5	10	-	-	-	-	-
Baraga.....	1	(D)	(D)	-	-	-	-	-	-	-
Barry.....	4	72	70,800	3	(D)	-	-	-	-	-
Benzie.....	3	21	2,460	-	-	-	-	-	-	-
Berrien.....	8	310	451,092	2	(D)	-	-	-	-	-
Branch.....	2	(D)	(D)	2	(D)	-	-	-	-	-
Calhoun.....	4	16	16,000	-	-	-	-	-	-	-
Cass.....	-	-	-	-	-	3	3	2,250	-	-
Delta.....	2	(D)	(D)	2	(D)	-	-	-	-	-
Eaton.....	8	10	4,200	8	10	-	-	-	-	-
Emmet.....	1	(D)	(D)	-	-	-	-	-	-	-
Genesee.....	1	(D)	(D)	-	-	-	-	-	-	-
Grand Traverse.....	4	(D)	(D)	2	(D)	6	25	14,114	6	25
Hillsdale.....	6	6	660	-	-	-	-	-	-	-
Ingham.....	1	(D)	(D)	1	(D)	2	(D)	(D)	2	(D)
Ionia.....	1	(D)	(D)	-	-	-	-	-	-	-
Iosco.....	1	(D)	(D)	1	(D)	-	-	-	-	-
Isabella.....	1	(D)	(D)	1	(D)	-	-	-	-	-
Kalamazoo.....	4	8	4,450	1	(D)	1	(D)	(D)	-	-
Kent.....	14	74	56,885	10	66	-	-	-	-	-
Leelanau.....	10	112	110,830	7	42	2	(D)	(D)	-	-
Lenawee.....	3	11	(D)	-	-	-	-	-	-	-
Manistee.....	-	-	-	-	-	1	(D)	(D)	1	(D)
Mason.....	9	33	20,300	4	12	2	(D)	(D)	2	(D)
Mecosta.....	2	(D)	(D)	2	(D)	-	-	-	-	-
Midland.....	1	(D)	(D)	1	(D)	-	-	-	-	-
Monroe.....	2	(D)	(D)	1	(D)	-	-	-	-	-
Montcalm.....	2	(D)	(D)	2	(D)	-	-	-	-	-
Muskegon.....	2	(D)	(D)	1	(D)	-	-	-	-	-
Oakland.....	5	8	2,544	5	8	-	-	-	-	-
Osceola.....	1	(D)	(D)	1	(D)	-	-	-	-	-
Otsego.....	6	6	1,200	6	6	-	-	-	-	-
Ottawa.....	5	35	12,520	5	35	-	-	-	-	-
St. Clair.....	1	(D)	(D)	-	-	-	-	-	-	-
St. Joseph.....	-	-	-	-	-	1	(D)	(D)	1	(D)
Sanilac.....	-	-	-	-	-	1	(D)	(D)	-	-
Shiawassee.....	1	(D)	(D)	1	(D)	-	-	-	-	-
Van Buren.....	7	20	16,000	7	20	-	-	-	-	-
Washtenaw.....	8	16	7,874	7	(D)	-	-	-	-	-
Wayne.....	11	13	3,550	6	6	-	-	-	-	-
Wexford.....	1	(D)	(D)	-	-	-	-	-	-	-
MINT FOR OIL, ALL (POUNDS OF OIL)										
State Total										
Michigan.....	8	(D)	(D)	3	17	8	2,265	(D)	3	(D)
Counties										
Clinton.....	3	(D)	(D)	-	-	2	(D)	(D)	-	-
Genesee.....	-	-	-	-	-	1	(D)	(D)	1	(D)
Ingham.....	-	-	-	-	-	1	(D)	(D)	1	(D)
Livingston.....	1	(D)	(D)	1	(D)	-	-	-	-	-

--continued

Table 27. Other Crops: 2017 and 2012 (continued)

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

Geographic area	2017					2012				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
MINT FOR OIL, ALL (POUNDS OF OIL) - Con.										
Counties - Con.										
Newaygo.....	-	-	-	-	-	1	(D)	(D)	-	-
St. Joseph.....	4	42	530	2	(D)	3	31	940	1	(D)
MINT FOR OIL, PEPPERMINT (POUNDS OF OIL)										
State Total										
Michigan	7	35	462	3	17	8	(D)	63,682	3	(D)
Counties										
Clinton	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Genesee	-	-	-	-	-	1	(D)	(D)	1	(D)
Ingham.....	-	-	-	-	-	1	(D)	(D)	1	(D)
Livingston	1	(D)	(D)	1	(D)	-	-	-	-	-
Newaygo.....	-	-	-	-	-	1	(D)	(D)	-	-
St. Joseph.....	4	(D)	(D)	2	(D)	3	31	940	1	(D)
MINT FOR OIL, SPEARMINT (POUNDS OF OIL)										
State Total										
Michigan	5	(D)	(D)	-	-	2	(D)	(D)	1	(D)
Counties										
Clinton	3	(D)	(D)	-	-	1	(D)	(D)	-	-
Genesee	-	-	-	-	-	1	(D)	(D)	1	(D)
St. Joseph.....	2	(D)	(D)	-	-	-	-	-	-	-
MISCANTHUS (TONS)										
State Total										
Michigan	-	-	-	-	-	1	(D)	(D)	-	-
Counties										
Ingham.....	-	-	-	-	-	1	(D)	(D)	-	-
SWITCHGRASS (TONS)										
State Total										
Michigan	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Counties										
Ingham.....	-	-	-	-	-	1	(D)	(D)	-	-
Kalamazoo.....	1	(D)	(D)	-	-	-	-	-	-	-
Oceana.....	1	(D)	(D)	-	-	-	-	-	-	-
OTHER CROPS (SEE TEXT)										
State Total										
Michigan	7	745	(X)	-	-	15	979	(X)	-	-
Counties										
Allegan.....	-	-	(X)	-	-	3	106	(X)	-	-
Barry	-	-	(X)	-	-	1	(D)	(X)	-	-
Clinton	1	(D)	(X)	-	-	-	-	(X)	-	-
Hillsdale	1	(D)	(X)	-	-	-	-	(X)	-	-
Livingston	-	-	(X)	-	-	2	(D)	(X)	-	-
Oakland	-	-	(X)	-	-	2	(D)	(X)	-	-
Oceana.....	-	-	(X)	-	-	2	(D)	(X)	-	-
Otsego	-	-	(X)	-	-	4	32	(X)	-	-
Saginaw	-	-	(X)	-	-	1	(D)	(X)	-	-
Tuscola	3	(D)	(X)	-	-	-	-	(X)	-	-
Washtenaw.....	2	(D)	(X)	-	-	-	-	(X)	-	-

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
VEGETABLES HARVESTED FOR SALE (SEE TEXT)								
State Total								
Michigan	3,047	165,620	2,808	63,867	631	101,754	2,980	158,661
Counties								
Alcona	13	17	13	13	4	4	9	19
Alger	30	55	30	41	10	14	14	28
Allegan	78	6,199	73	4,367	27	1,832	85	5,239
Alpena	26	124	26	116	11	7	21	46
Antrim	43	1,827	40	(D)	6	(D)	38	1,546
Arenac	18	2,044	5	18	13	2,026	17	1,514
Baraga	7	6	7	6	-	-	3	(D)
Barry	25	110	25	104	5	6	26	143
Bay	73	6,503	55	1,372	27	5,131	64	7,950
Benzie	19	56	18	(D)	4	(D)	15	104
Berrien	109	6,482	107	6,465	10	17	145	8,448
Branch	27	1,753	23	(D)	7	(D)	47	2,718
Calhoun	65	557	59	403	7	154	37	370
Cass	49	7,957	37	1,545	15	6,412	39	3,949
Charlevoix	28	161	26	148	6	12	26	168
Cheboygan	23	39	23	39	-	-	24	49
Chippewa	22	205	22	204	5	1	18	36
Clare	17	35	17	35	-	-	20	70
Clinton	31	604	31	(D)	3	(D)	34	608
Crawford	1	(D)	1	(D)	-	-	4	12
Delta	17	713	17	(D)	3	(D)	24	889
Dickinson	10	386	9	(D)	1	(D)	10	501
Eaton	26	281	23	(D)	3	(D)	26	613
Emmet	41	287	35	280	12	7	20	234
Genesee	70	841	68	(D)	17	(D)	53	560
Gladwin	18	461	17	(D)	1	(D)	17	523
Gogebic	4	8	4	(D)	1	(D)	1	(D)
Grand Traverse	36	172	36	171	4	1	41	378
Gratiot	27	3,344	21	322	15	3,022	24	3,697
Hillsdale	46	367	46	(D)	1	(D)	40	286
Houghton	23	77	22	60	3	17	23	49
Huron	31	269	25	(D)	7	(D)	20	225
Ingham	48	170	48	165	6	5	50	440
Ionia	36	1,375	35	(D)	5	(D)	30	1,170
Iosco	9	15	9	8	3	7	12	319
Iron	6	497	6	(D)	2	(D)	12	584
Isabella	30	1,691	27	517	10	1,174	23	536
Jackson	54	513	52	490	8	23	38	378
Kalamazoo	51	1,353	45	96	8	1,258	52	1,910
Kalkaska	11	1,841	11	(D)	4	(D)	12	1,939
Kent	79	2,797	76	2,548	9	249	86	2,397
Lake	9	49	8	37	6	11	11	20
Lapeer	65	2,036	65	1,987	10	49	73	2,799
Leelanau	54	137	54	127	5	10	34	109
Lenawee	61	2,356	54	835	17	1,522	51	2,500
Livingston	59	1,017	59	(D)	1	(D)	53	731
Luce	3	(D)	2	(D)	1	(D)	5	(D)
Mackinac	9	20	9	19	3	1	3	7
Macomb	64	2,099	64	2,048	13	51	69	3,028
Manistee	23	255	21	151	4	104	26	332
Marquette	26	41	26	36	4	5	19	44
Mason	46	3,184	34	412	20	2,772	47	3,587
Mecosta	55	6,784	52	410	12	6,374	49	6,395
Menominee	20	36	20	34	3	2	20	71
Midland	36	382	28	(D)	9	(D)	27	704
Missaukee	17	63	17	46	4	17	20	(D)
Monroe	71	5,760	67	3,748	7	2,012	86	8,459
Montcalm	47	19,781	36	637	24	19,144	76	20,524
Montmorency	10	38	10	38	-	-	3	7
Muskegon	52	2,141	48	(D)	7	(D)	31	2,040
Newaygo	50	7,553	46	3,362	7	4,191	45	5,579
Oakland	59	489	59	489	4	(Z)	43	201
Oceana	104	15,381	82	6,792	64	8,589	116	11,924
Ogemaw	5	(D)	5	(D)	2	(D)	6	(D)
Ontonagon	2	(D)	2	(D)	2	(D)	9	8
Osceola	16	(D)	14	(D)	6	(D)	22	125
Oscoda	6	5	6	5	-	-	5	20
Otsego	13	884	12	(D)	1	(D)	15	788
Ottawa	76	3,643	76	3,386	9	256	97	3,444
Presque Isle	16	1,522	14	(D)	8	(D)	22	1,802
Roscommon	4	3	4	3	-	-	2	(D)
Saginaw	52	6,785	45	129	8	6,656	49	6,768
St. Clair	61	977	61	965	7	12	50	521
St. Joseph	53	14,571	31	2,203	25	12,368	57	10,842
Sanilac	57	423	56	(D)	2	(D)	49	503
Schoolcraft	5	13	4	(D)	1	(D)	7	12
Shiawassee	30	120	26	101	7	19	26	80
Tuscola	65	3,634	59	970	17	2,664	61	3,058
Van Buren	67	8,190	64	(D)	10	(D)	98	7,242
Washtenaw	111	897	111	884	9	14	109	1,819
Wayne	81	624	77	617	7	7	69	572
Wexford	10	14	10	(D)	2	(D)	20	88

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
ARTICHOKES, EXCLUDING JERUSALEM								
State Total								
Michigan.....	4	(Z)	4	(Z)	-	-	-	-
Counties								
Berrien	2	(D)	2	(D)	-	-	-	-
Washtenaw	2	(D)	2	(D)	-	-	-	-
ASPARAGUS, BEARING AGE								
State Total								
Michigan.....	415	12,285	368	7,634	96	4,651	287	9,405
Counties								
Alcona	2	(D)	2	(D)	-	-	2	(D)
Alger	12	2	8	2	5	1	1	(D)
Allegan	11	14	8	13	3	(Z)	7	8
Alpena	1	(D)	1	(D)	-	-	1	(D)
Antrim	6	10	6	10	-	-	5	3
Barry	1	(D)	1	(D)	-	-	1	(D)
Benzie	1	(D)	1	(D)	1	(D)	1	(D)
Berrien	9	86	9	86	-	-	13	120
Branch	3	4	3	4	-	-	1	(D)
Calhoun	14	15	14	15	-	-	5	14
Cass	6	(D)	6	(D)	1	(D)	5	(D)
Charlevoix	4	(D)	2	(D)	2	(D)	3	7
Chippewa	2	(D)	2	(D)	-	-	-	-
Clare	-	-	-	-	-	-	1	(D)
Clinton	4	(D)	4	(D)	-	-	2	(D)
Delta	1	(D)	1	(D)	-	-	1	(D)
Dickinson	2	(D)	2	(D)	-	-	1	(D)
Eaton	1	(D)	1	(D)	-	-	-	-
Emmet	4	4	4	4	-	-	-	-
Genesee	9	7	5	5	6	2	2	(D)
Gladwin	-	-	-	-	-	-	2	(D)
Grand Traverse	-	-	-	-	-	-	2	(D)
Graiot	-	-	-	-	-	-	1	(D)
Hillsdale	5	4	5	4	-	-	2	(D)
Houghton	2	(D)	-	-	2	(D)	2	(D)
Huron	4	2	4	2	-	-	2	(D)
Ingham	8	4	4	4	-	-	-	-
Ionia	4	3	4	3	-	-	2	(D)
Iosco	3	3	3	3	-	-	-	-
Iron	1	(D)	1	(D)	-	-	1	(D)
Isabella	3	5	3	5	-	-	2	(D)
Jackson	5	3	5	3	-	-	2	(D)
Kalamazoo	7	31	6	(D)	1	(D)	4	(D)
Kalkaska	2	(D)	2	(D)	-	-	-	-
Kent	7	36	7	36	-	-	7	19
Lake	4	(D)	3	1	1	(D)	1	(D)
Lapeer	7	-	-	-	-	-	5	15
Leelanau	7	(D)	7	(D)	-	-	4	10
Lenawee	7	(D)	5	(D)	2	(D)	6	(D)
Livingston	8	(D)	8	(D)	-	-	-	-
Mackinac	3	(Z)	3	(Z)	-	-	-	-
Macomb	5	3	5	3	-	-	2	(D)
Manistee	2	(D)	2	(D)	2	(D)	-	(D)
Marquette	1	(D)	1	(D)	-	-	-	-
Mason	12	946	4	(D)	9	(D)	20	918
Mecosta	7	111	7	111	-	-	4	144
Menominee	7	4	4	4	3	1	-	-
Midland	3	(Z)	3	(Z)	-	-	-	-
Monroe	11	16	11	16	-	-	2	(D)
Montcalm	1	(D)	1	(D)	-	-	1	(D)
Montmorency	2	(D)	2	(D)	-	-	2	(D)
Muskegon	7	7	7	7	-	-	-	-
Newaygo	4	45	4	45	-	-	5	107
Oakland	12	10	12	10	-	-	2	(D)
Oceana	83	8,686	68	5,029	53	3,657	88	6,362
Osceola	1	(D)	-	-	1	(D)	1	(D)
Otsego	1	(D)	1	(D)	-	-	-	-
Ottawa	6	(D)	6	(D)	1	(D)	2	(D)
Roscommon	-	-	-	-	-	-	1	(D)
Saginaw	9	5	9	5	-	-	15	18
St. Clair	4	2	4	2	-	-	2	(D)
St. Joseph	2	(D)	2	(D)	-	-	2	(D)
Sanilac	9	18	9	18	-	-	-	-
Shiawassee	2	(D)	2	(D)	-	-	2	(D)
Tuscola	3	1	3	1	-	-	-	-
Van Buren	22	1,250	21	(D)	3	(D)	18	568
Washtenaw	21	23	21	23	-	-	14	10
Wayne	3	(Z)	3	(Z)	-	-	4	1
Wexford	2	(D)	2	(D)	-	-	1	(D)
BEANS, LIMA (SEE TEXT)								
State Total								
Michigan.....	31	9	26	7	5	1	10	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
BEANS, LIMA (SEE TEXT) - Con.								
Counties								
Allegan.....	-	-	-	-	-	-	1	(D)
Berrien.....	11	5	8	(D)	3	(D)	3	1
Genesee.....	2	(D)	2	(D)	-	-	-	-
Gladwin.....	1	(D)	1	(D)	-	-	-	-
Kalkaska.....	2	(D)	2	(D)	-	-	1	(D)
Kent.....	-	-	-	-	-	-	1	(D)
Mecosta.....	-	-	-	-	-	-	1	(D)
Monroe.....	2	(D)	2	(D)	-	-	-	-
St. Joseph.....	2	(D)	-	-	2	(D)	-	-
Shiawassee.....	2	(D)	2	(D)	-	-	-	-
Van Buren.....	1	(D)	1	(D)	-	-	-	-
Washtenaw.....	8	2	8	2	-	-	3	(D)
BEANS, SNAP (BUSH AND POLE)								
State Total								
Michigan.....	844	12,706	751	1,485	120	11,220	974	14,903
Counties								
Alcona.....	6	1	2	(D)	4	(D)	4	2
Alger.....	18	2	14	2	8	1	3	1
Allegan.....	20	13	14	13	6	1	27	266
Alpena.....	4	1	4	1	-	-	3	(Z)
Antrim.....	16	(D)	16	(D)	-	-	18	6
Arenac.....	-	-	-	-	-	-	4	1
Bary.....	7	2	6	(D)	1	(D)	8	5
Bay.....	14	12	14	(D)	2	(D)	7	8
Benzie.....	4	(Z)	4	(Z)	-	-	8	7
Berrien.....	24	118	21	117	3	(Z)	37	298
Branch.....	6	(D)	5	5	1	(D)	11	1,157
Calhoun.....	18	19	16	17	3	2	20	(D)
Cass.....	22	3,203	11	18	11	3,185	19	1,996
Charlevoix.....	12	5	11	(D)	2	(D)	10	2
Cheboygan.....	7	1	7	1	-	-	11	2
Chippewa.....	10	3	10	3	-	-	11	2
Clare.....	6	1	6	1	-	-	7	1
Clinton.....	4	1	4	1	-	-	17	8
Crawford.....	-	-	-	-	-	-	3	(Z)
Delta.....	3	1	3	1	-	-	4	4
Dickinson.....	3	1	3	1	-	-	1	(D)
Eaton.....	3	1	3	1	-	-	1	(D)
Emmet.....	21	13	18	12	3	1	7	9
Genesee.....	28	11	28	9	6	2	21	21
Gladwin.....	3	2	3	2	-	-	6	3
Gogebic.....	4	1	4	1	-	-	1	(D)
Grand Traverse.....	3	(D)	3	(D)	-	-	17	205
Gratiot.....	10	21	10	21	-	-	7	(D)
Hillsdale.....	4	2	4	2	-	-	7	2
Houghton.....	11	6	11	6	-	-	7	3
Huron.....	-	-	-	-	-	-	3	(D)
Ingham.....	10	10	9	(D)	1	(D)	22	26
Ionia.....	13	2	13	2	-	-	12	5
Iosco.....	5	1	2	(D)	3	(D)	5	2
Iron.....	2	(D)	2	(D)	-	-	1	(D)
Isabella.....	5	(D)	5	(D)	-	-	6	407
Jackson.....	30	35	30	35	-	-	16	12
Kalamazoo.....	17	1,242	10	(D)	7	(D)	33	1,789
Kalkaska.....	8	(D)	6	2	2	(D)	6	412
Kent.....	26	27	26	27	-	-	26	29
Lake.....	-	-	-	-	-	-	6	2
Lapeer.....	19	38	19	38	-	-	11	(D)
Leelanau.....	17	3	17	3	-	-	15	4
Lenawee.....	19	6	17	5	4	(Z)	13	3
Livingston.....	19	7	19	7	-	-	17	9
Mackinac.....	4	1	4	1	-	-	2	(D)
Macomb.....	28	261	28	(D)	1	(D)	29	379
Manistee.....	2	(D)	2	(D)	-	-	10	3
Marquette.....	10	1	8	(D)	2	(D)	12	3
Mason.....	21	765	18	116	4	649	20	1,137
Mecosta.....	26	10	26	9	4	(Z)	14	3
Menominee.....	3	1	3	1	-	-	2	(D)
Midland.....	7	2	7	2	-	-	10	2
Missaukee.....	2	(D)	-	-	2	(D)	5	(D)
Monroe.....	15	20	14	(D)	1	(D)	28	53
Montcalm.....	10	(D)	8	4	3	(D)	26	998
Montmorency.....	3	2	3	2	-	-	2	(D)
Muskegon.....	12	8	12	(D)	1	(D)	5	5
Newaygo.....	9	(D)	7	6	2	(D)	12	(D)
Oakland.....	11	7	11	7	-	-	12	4
Oceana.....	15	1,294	6	19	9	1,275	14	1,017
Ogemaw.....	2	(D)	2	(D)	-	-	3	(Z)
Ontonagon.....	2	(D)	2	(D)	-	-	3	(Z)
Osceola.....	4	(D)	2	(D)	2	(D)	12	(D)
Oscoda.....	-	-	-	-	-	-	2	(D)
Otsego.....	3	(D)	2	(D)	1	(D)	6	(D)
Ottawa.....	18	43	18	43	-	-	33	61
Presque Isle.....	5	2	5	(D)	1	(D)	6	1
Roscommon.....	1	(D)	1	(D)	-	-	1	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
BEANS, SNAP (BUSH AND POLE) - Con.								
Counties - Con.								
Saginaw	9	4	9	4	-	-	7	5
St. Clair	21	13	21	13	-	-	15	39
St. Joseph	20	1,681	6	(D)	14	(D)	35	2,556
Sanilac	16	7	16	7	-	-	13	29
Shiawassee.....	7	2	7	2	-	-	6	3
Tuscola	13	298	11	(D)	3	(D)	17	482
Van Buren	6	2	6	2	-	-	34	20
Washtenaw	37	42	37	(D)	1	(D)	43	27
Wayne.....	18	30	18	30	-	-	26	34
Wexford.....	3	(D)	1	(D)	2	(D)	10	2
BEETS								
State Total								
Michigan.....	424	872	386	791	46	80	134	429
Counties								
Alcona	2	(D)	2	(D)	-	-	2	(D)
Alger.....	8	1	4	1	4	(Z)	3	(Z)
Allegan	9	(D)	6	(D)	3	(Z)	6	3
Alpena	9	1	9	1	-	-	1	(D)
Antrim	12	6	12	6	-	-	2	(D)
Barry	3	(Z)	3	(Z)	-	-	3	(D)
Bay.....	10	2	10	(D)	1	(D)	-	-
Benzie.....	4	(Z)	4	(Z)	-	-	1	(D)
Berrien	11	2	8	2	3	(Z)	5	3
Calhoun.....	1	(D)	1	(D)	-	-	4	2
Cass.....	1	(D)	1	(D)	-	-	1	(D)
Charlevoix	3	(D)	2	(D)	2	(D)	-	-
Cheboygan.....	5	1	5	1	-	-	4	1
Chippewa.....	6	1	6	1	-	-	2	(D)
Clare	8	1	8	1	-	-	2	(D)
Clinton.....	3	(Z)	3	(Z)	-	-	-	-
Delta.....	3	(Z)	3	(Z)	-	-	-	-
Dickinson	2	(D)	2	(D)	-	-	-	-
Eaton.....	1	(D)	1	(D)	-	-	-	-
Emmet.....	12	6	12	6	-	-	2	(D)
Genesee	12	2	12	2	-	-	4	2
Gladwin.....	3	1	3	1	-	-	2	(D)
Gogebic.....	2	(D)	2	(D)	1	(D)	-	-
Grand Traverse.....	3	1	3	1	-	-	-	-
Gratiot.....	9	1	9	1	-	-	3	1
Hillsdale	2	(D)	2	(D)	-	-	1	(D)
Houghton.....	4	4	4	4	-	-	2	(D)
Huron	-	-	-	-	-	-	3	1
Ingham.....	6	3	5	(D)	1	(D)	1	(D)
Ionia.....	9	1	9	1	-	-	1	(D)
Iosco	3	(Z)	-	-	3	(Z)	-	-
Iron.....	2	(D)	2	(D)	-	-	1	(D)
Isabella.....	4	3	4	3	-	-	2	(D)
Jackson.....	11	4	9	4	2	(D)	1	(D)
Kalamazoo.....	2	(D)	2	(D)	2	(D)	2	(D)
Kalkaska.....	2	(D)	2	(D)	-	-	-	-
Kent.....	9	3	9	3	-	-	4	(D)
Lake.....	3	(Z)	3	(Z)	-	-	-	-
Lapeer.....	13	(D)	13	(D)	3	(D)	6	56
Leelanau.....	9	2	9	2	-	-	3	1
Lenawee	10	1	8	(D)	2	(D)	6	(D)
Livingston.....	20	47	20	47	-	-	2	(D)
Mackinac.....	3	1	3	1	-	-	1	(D)
Macomb.....	3	(D)	3	(D)	-	-	3	7
Manistee.....	6	1	6	1	-	-	2	(D)
Marquette.....	6	1	4	(D)	2	(D)	-	-
Mason.....	1	(D)	1	(D)	-	-	-	-
Mecosta.....	12	1	12	1	-	-	2	(D)
Menominee.....	1	(D)	1	(D)	-	-	-	-
Midland.....	3	(Z)	3	(Z)	-	-	-	-
Missaukee.....	5	1	3	(D)	2	(D)	-	-
Monroe.....	6	3	6	3	-	-	3	(D)
Montcalm.....	1	(D)	1	(D)	-	-	1	(D)
Montmorency.....	3	1	3	1	-	-	-	-
Muskegon.....	2	(D)	-	-	2	(D)	1	(D)
Newaygo.....	6	412	5	(D)	1	(D)	2	(D)
Oakland.....	2	(D)	2	(D)	-	-	3	(Z)
Oceana.....	1	(D)	1	(D)	-	-	-	-
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Osceola.....	-	-	-	-	-	-	2	(D)
Otsego.....	-	-	-	-	-	-	2	(D)
Ottawa.....	8	126	8	126	-	-	5	(D)
Presque Isle.....	3	1	3	1	-	-	1	(D)
Roscommon.....	-	-	-	-	-	-	1	(D)
Saginaw.....	4	1	4	1	-	-	5	1
St. Clair.....	26	38	22	(D)	6	(D)	3	3
St. Joseph.....	2	(D)	-	-	2	(D)	-	-
Sanilac.....	4	(Z)	-	(Z)	-	-	1	(D)
Shiawassee.....	4	3	4	3	-	-	-	-
Tuscola.....	18	7	12	7	6	1	-	-
Van Buren.....	3	(Z)	3	(Z)	-	-	2	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
BEETS - Con.								
Counties - Con.								
Washtenaw.....	21	5	21	5	-	-	4	(D)
Wayne.....	14	4	14	4	-	-	4	1
Wexford.....	3	1	3	1	-	-	4	1
BROCCOLI								
State Total								
Michigan.....	443	329	415	295	34	35	158	327
Counties								
Alcona.....	2	(D)	2	(D)	-	-	2	(D)
Alger.....	4	1	4	1	-	-	5	1
Allegan.....	7	3	4	2	3	(Z)	4	5
Antrim.....	10	4	10	4	-	-	2	(D)
Barry.....	2	(D)	1	(D)	1	(D)	1	(D)
Bay.....	6	1	6	1	-	-	1	(D)
Benzie.....	4	(Z)	4	(Z)	-	-	-	-
Berrien.....	16	16	13	15	3	(Z)	10	23
Branch.....	2	(D)	2	(D)	-	-	-	-
Calhoun.....	5	2	5	2	-	-	1	(D)
Cass.....	2	(D)	2	(D)	-	-	3	2
Charlevoix.....	10	1	9	(D)	2	(D)	-	-
Cheboygan.....	4	1	4	1	-	-	-	-
Chippewa.....	6	1	6	1	-	-	3	1
Clare.....	-	-	-	-	-	-	2	(D)
Clinton.....	5	1	5	1	-	-	1	(D)
Delta.....	3	(Z)	3	(Z)	-	-	-	-
Dickinson.....	2	(D)	2	(D)	-	-	1	(D)
Eaton.....	1	(D)	1	(D)	-	-	1	(D)
Emmet.....	10	3	10	3	-	-	-	-
Genesee.....	10	2	10	2	-	-	2	(D)
Gogebic.....	2	(D)	2	(D)	-	-	-	-
Grand Traverse.....	3	1	3	1	-	-	2	(D)
Gratiot.....	11	3	11	3	-	-	3	2
Hillsdale.....	4	1	4	1	-	-	-	-
Ingham.....	9	4	9	4	-	-	6	1
Ionia.....	1	(D)	1	(D)	-	-	3	2
Iosco.....	3	(Z)	-	-	3	(Z)	-	-
Iron.....	2	(D)	2	(D)	-	-	-	-
Isabella.....	4	2	4	2	-	-	-	-
Jackson.....	9	2	9	2	-	-	2	(D)
Kalamazoo.....	6	4	6	4	-	-	3	(D)
Kalkaska.....	4	1	4	1	-	-	2	(D)
Kent.....	14	14	14	(D)	1	(D)	5	5
Lapeer.....	18	13	18	13	-	-	3	5
Leelanau.....	11	3	11	3	-	-	2	(D)
Lenawee.....	9	1	7	(D)	2	(D)	5	2
Livingston.....	12	19	12	19	-	-	5	1
Mackinac.....	2	(D)	2	(D)	-	-	-	-
Macomb.....	17	27	17	26	4	1	12	14
Manistee.....	2	(D)	2	(D)	-	-	3	(D)
Marquette.....	5	1	3	(D)	2	(D)	-	-
Mason.....	13	2	13	2	-	-	-	-
Mecosta.....	9	5	9	5	-	-	1	(D)
Midland.....	3	(Z)	3	(Z)	-	-	2	(D)
Missaukee.....	3	1	3	1	-	-	-	-
Monroe.....	8	(D)	8	(D)	-	-	3	(D)
Montcalm.....	3	(D)	3	(D)	-	-	1	(D)
Montmorency.....	3	1	3	1	-	-	-	-
Muskegon.....	7	1	7	1	-	-	2	(D)
Newaygo.....	5	1	5	1	-	-	2	(D)
Oakland.....	4	4	4	4	-	-	3	(D)
Oceana.....	4	(D)	3	3	1	(D)	4	(D)
Ogemaw.....	2	(D)	2	(D)	-	-	-	-
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Osceola.....	2	(D)	2	(D)	-	-	3	1
Otsego.....	-	-	-	-	-	-	2	(D)
Ottawa.....	13	21	13	21	-	-	2	(D)
Presque Isle.....	1	(D)	1	(D)	-	-	-	-
Roscommon.....	-	-	-	-	-	-	1	(D)
Saginaw.....	1	(D)	1	(D)	-	-	2	(D)
St. Clair.....	22	9	18	9	4	(Z)	12	19
St. Joseph.....	4	(D)	2	(D)	2	(D)	-	-
Sanilac.....	12	18	12	18	-	-	3	1
Schoolcraft.....	3	(Z)	3	(Z)	-	-	-	-
Shiawassee.....	6	2	6	2	-	-	1	(D)
Tuscola.....	14	8	8	8	6	1	1	(D)
Van Buren.....	7	1	7	1	-	-	6	6
Washtenaw.....	22	8	22	8	-	-	8	5
Wayne.....	11	3	11	3	-	-	3	2
Wexford.....	-	-	-	-	-	-	1	(D)
BRUSSELS SPROUTS								
State Total								
Michigan.....	212	69	201	66	13	3	40	34

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
BRUSSELS SPROUTS - Con.								
Counties								
Alger.....	7	1	3	1	4	(Z)	3	(Z)
Allegan.....	1	(D)	1	(D)	-	-	-	-
Antrim.....	13	3	13	3	-	-	-	-
Bay.....	1	(D)	1	(D)	-	-	-	-
Berrien.....	11	6	8	5	3	(Z)	6	12
Calhoun.....	1	(D)	1	(D)	-	-	-	-
Cass.....	2	(D)	2	(D)	-	-	2	(D)
Charlevoix.....	2	(D)	2	(D)	1	(D)	-	-
Cheboygan.....	2	(D)	2	(D)	-	-	-	-
Clinton.....	2	(D)	2	(D)	-	-	-	-
Delta.....	2	(D)	2	(D)	-	-	-	-
Dickinson.....	2	(D)	2	(D)	-	-	-	-
Emmet.....	3	2	3	2	-	-	-	-
Genesee.....	4	(D)	4	(D)	-	-	-	-
Grand Traverse.....	2	(D)	2	(D)	-	-	-	-
Gratiot.....	9	2	9	2	-	-	2	(D)
Hillsdale.....	4	2	4	2	-	-	-	-
Houghton.....	2	(D)	2	(D)	-	-	-	-
Huron.....	1	(D)	1	(D)	-	-	-	-
Ingham.....	3	(Z)	3	(Z)	-	-	-	-
Ionia.....	1	(D)	1	(D)	-	-	1	(D)
Isabella.....	1	(D)	1	(D)	-	-	-	-
Jackson.....	2	(D)	2	(D)	-	-	-	-
Kalamazoo.....	2	(D)	2	(D)	-	-	-	-
Kent.....	5	1	5	1	-	-	1	(D)
Lapeer.....	11	5	11	5	-	-	1	(D)
Leelanau.....	4	(Z)	4	(Z)	-	-	-	-
Lenawee.....	3	(D)	1	(D)	2	(D)	1	(D)
Livingston.....	3	3	3	3	-	-	1	(D)
Mackinac.....	2	(D)	2	(D)	-	-	-	-
Macomb.....	5	(D)	5	(D)	1	(D)	2	(D)
Marquette.....	2	(D)	2	(D)	-	-	-	-
Mecosta.....	7	1	7	1	-	-	-	-
Midland.....	3	(Z)	3	(Z)	-	-	-	-
Monroe.....	5	5	5	5	-	-	5	5
Montmorency.....	3	1	3	1	-	-	-	-
Muskegon.....	7	1	7	1	-	-	-	-
Newaygo.....	1	(D)	1	(D)	-	-	-	-
Oakland.....	4	(Z)	4	(Z)	-	-	-	-
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Ottawa.....	8	4	8	4	-	-	2	(D)
Presque Isle.....	5	1	5	1	-	-	-	-
St. Clair.....	11	4	11	4	-	-	7	6
St. Joseph.....	3	(D)	1	(D)	2	(D)	-	-
Sanilac.....	3	1	3	1	-	-	1	(D)
Shiawassee.....	2	(D)	2	(D)	-	-	-	-
Tuscola.....	5	2	5	2	-	-	2	(D)
Van Buren.....	1	(D)	1	(D)	-	-	-	-
Washtenaw.....	20	4	20	4	-	-	3	3
Wayne.....	7	2	7	2	-	-	-	-
CABBAGE, CHINESE (NAPPA, BOK CHOY, ETC.)								
State Total								
Michigan.....	171	135	162	130	13	5	22	34
Counties								
Alger.....	5	1	1	(D)	4	(D)	-	-
Allegan.....	3	(D)	3	(D)	-	-	-	-
Antrim.....	7	1	7	1	-	-	-	-
Baraga.....	1	(D)	1	(D)	-	-	-	-
Benzie.....	-	-	-	-	-	-	3	1
Berrien.....	8	2	5	1	3	(Z)	1	(D)
Calhoun.....	1	(D)	1	(D)	-	-	-	-
Cass.....	2	(D)	2	(D)	-	-	-	-
Charlevoix.....	1	(D)	1	(D)	-	-	-	-
Clare.....	2	(D)	2	(D)	-	-	-	-
Clinton.....	3	1	3	1	-	-	-	-
Dickinson.....	2	(D)	2	(D)	-	-	-	-
Emmet.....	2	(D)	2	(D)	-	-	-	-
Genesee.....	5	1	5	1	-	-	-	-
Gogebic.....	1	(D)	1	(D)	-	-	-	-
Grand Traverse.....	3	1	3	1	-	-	2	(D)
Gratiot.....	9	1	9	1	-	-	-	-
Huron.....	1	(D)	1	(D)	-	-	-	-
Ingham.....	1	(D)	1	(D)	-	-	-	-
Ionia.....	1	(D)	1	(D)	-	-	-	-
Iron.....	1	(D)	1	(D)	-	-	-	-
Isabella.....	4	79	4	79	-	-	-	-
Jackson.....	5	1	5	1	-	-	-	-
Kent.....	2	(D)	2	(D)	-	-	-	-
Lapeer.....	4	3	4	3	-	-	1	(D)
Leelanau.....	7	1	7	1	-	-	-	-
Lenawee.....	5	1	5	1	-	-	2	(D)
Livingston.....	3	3	3	3	-	-	1	(D)
Macomb.....	4	16	4	(D)	1	(D)	-	-
Mason.....	4	1	4	1	-	-	-	-
Mecosta.....	6	2	6	(D)	1	(D)	-	-

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
CABBAGE, CHINESE (NAPPA, BOK CHOY, ETC.) - Con.								
Counties - Con.								
Menominee.....	1	(D)	1	(D)	-	-	-	-
Midland.....	3	(Z)	3	(Z)	-	-	-	-
Missaukee.....	5	1	3	(D)	2	(D)	-	-
Monroe.....	3	1	3	1	-	-	-	-
Montcalm.....	2	(D)	2	(D)	-	-	-	-
Montmorency.....	3	1	3	1	-	-	-	-
Muskegon.....	6	1	6	1	-	-	-	-
Newaygo.....	2	(D)	2	(D)	-	-	-	-
Oakland.....	-	-	-	-	-	-	1	(D)
Oceana.....	2	(D)	2	(D)	-	-	-	-
Ontonagon.....	2	(D)	2	(D)	2	(D)	-	-
Osceola.....	-	-	-	-	-	-	1	(D)
Ottawa.....	3	2	3	2	-	-	2	(D)
St. Clair.....	9	2	9	2	-	-	3	(Z)
St. Joseph.....	2	(D)	2	(D)	-	-	-	-
Sanilac.....	7	1	7	1	-	-	-	-
Shiawassee.....	1	(D)	1	(D)	-	-	-	-
Tuscola.....	2	(D)	2	(D)	-	-	-	-
Washtenaw.....	12	1	12	1	-	-	3	(D)
Wayne.....	3	1	3	1	-	-	1	(D)
Wexford.....	-	-	-	-	-	-	1	(D)
CABBAGE, HEAD								
State Total								
Michigan.....	505	4,045	466	3,044	50	1,001	224	2,960
Counties								
Alcona.....	2	(D)	2	(D)	-	-	-	-
Alger.....	9	1	5	1	4	(Z)	5	1
Allegan.....	6	(D)	6	(D)	-	-	9	5
Alpena.....	10	5	10	5	-	-	1	(D)
Antrim.....	9	2	9	2	-	-	2	(D)
Arenac.....	1	(D)	1	(D)	-	-	-	-
Baraga.....	1	(D)	1	(D)	-	-	-	-
Barry.....	5	1	5	1	-	-	-	-
Bay.....	7	35	7	(D)	1	(D)	6	42
Benzie.....	2	(D)	2	(D)	-	-	-	-
Berrien.....	19	94	16	93	3	(Z)	11	54
Branch.....	1	(D)	1	(D)	-	-	2	(D)
Calhoun.....	3	3	3	3	-	-	5	2
Cass.....	2	(D)	2	(D)	-	-	1	(D)
Charlevoix.....	7	4	3	(Z)	5	4	1	(D)
Cheboygan.....	3	(Z)	3	(Z)	-	-	2	(D)
Chippewa.....	2	(D)	2	(D)	-	-	-	-
Clare.....	-	-	-	-	-	-	4	1
Clinton.....	3	(Z)	3	(Z)	-	-	-	-
Crawford.....	-	-	-	-	-	-	1	(D)
Delta.....	3	(D)	3	(D)	-	-	1	(D)
Dickinson.....	3	(D)	3	(D)	-	-	2	(D)
Eaton.....	1	(D)	1	(D)	-	-	-	-
Emmet.....	14	6	14	6	-	-	4	4
Genesee.....	12	3	12	3	-	-	5	1
Gladwin.....	4	3	4	3	-	-	4	3
Gogebic.....	2	(D)	2	(D)	-	-	-	-
Grand Traverse.....	2	(D)	2	(D)	-	-	-	-
Gratiot.....	11	2	11	2	-	-	3	(D)
Hillsdale.....	4	1	4	1	-	-	-	-
Houghton.....	3	(D)	3	(D)	-	-	1	(D)
Huron.....	-	-	-	-	-	-	1	(D)
Ingham.....	10	3	10	3	-	-	1	(D)
Ionia.....	8	1	8	1	-	-	3	3
Iosco.....	3	(Z)	-	-	3	(Z)	2	(D)
Iron.....	1	(D)	1	(D)	-	-	-	-
Isabella.....	8	13	8	13	-	-	2	(D)
Jackson.....	20	38	18	31	6	7	6	7
Kalamazoo.....	2	(D)	2	(D)	-	-	4	1
Kalkaska.....	4	1	4	1	-	-	-	-
Kent.....	21	(D)	21	(D)	1	(D)	5	(D)
Lake.....	4	1	4	1	-	-	-	-
Lapeer.....	11	26	11	26	-	-	5	(D)
Leelanau.....	15	4	15	4	-	-	1	(D)
Lenawee.....	16	579	10	(D)	6	(D)	7	(D)
Livingston.....	13	17	13	17	-	-	4	1
Mackinac.....	3	1	3	1	-	-	-	-
Macomb.....	20	204	20	204	-	-	12	185
Manistee.....	2	(D)	2	(D)	-	-	-	-
Marquette.....	8	1	6	(D)	2	(D)	2	(D)
Mason.....	10	7	10	7	-	-	3	(D)
Mecosta.....	14	2	14	2	-	-	6	5
Menominee.....	2	(D)	2	(D)	-	-	2	(D)
Midland.....	11	8	11	8	-	-	4	1
Missaukee.....	3	(D)	1	(D)	2	(D)	-	-
Monroe.....	14	1,848	14	(D)	1	(D)	13	1,245
Montcalm.....	1	(D)	1	(D)	-	-	3	1
Montmorency.....	3	1	3	1	-	-	-	-
Muskegon.....	10	2	10	2	-	-	6	4
Newaygo.....	4	(D)	4	(D)	-	-	4	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
CABBAGE, HEAD - Con.								
Counties - Con.								
Oakland.....	11	2	11	2	-	-	1	(D)
Oceana.....	1	(D)	-	-	1	(D)	1	(D)
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Osceola.....	-	-	-	-	-	-	2	(D)
Otsego.....	1	(D)	1	(D)	-	-	2	(D)
Ottawa.....	7	(D)	7	(D)	2	(D)	4	(D)
Presque Isle.....	-	-	-	-	-	-	1	(D)
Roscommon.....	-	-	-	-	-	-	1	(D)
Saginaw.....	3	(D)	3	(D)	-	-	1	(D)
St. Clair.....	19	4	15	3	4	(Z)	8	12
St. Joseph.....	3	(D)	1	(D)	2	(D)	2	(D)
Sanilac.....	6	4	6	4	-	-	2	(D)
Schoolcraft.....	3	(D)	3	(D)	-	-	2	(D)
Shiawassee.....	2	(D)	2	(D)	-	-	-	-
Tuscola.....	11	11	11	11	-	-	3	1
Van Buren.....	4	2	4	2	-	-	8	6
Washtenaw.....	26	20	26	(D)	1	(D)	13	45
Wayne.....	14	27	8	(D)	6	(D)	5	(D)
Wexford.....	-	-	-	-	-	-	2	(D)
CABBAGE, MUSTARD								
State Total								
Michigan.....	19	3	19	3	(X)	(X)	-	-
Counties								
Alger.....	1	(D)	1	(D)	(X)	(X)	-	-
Cass.....	1	(D)	1	(D)	(X)	(X)	-	-
Genesee.....	2	(D)	2	(D)	(X)	(X)	-	-
Jackson.....	1	(D)	1	(D)	(X)	(X)	-	-
Kent.....	1	(D)	1	(D)	(X)	(X)	-	-
Leelanau.....	2	(D)	2	(D)	(X)	(X)	-	-
Livingston.....	2	(D)	2	(D)	(X)	(X)	-	-
Ontonagon.....	2	(D)	2	(D)	(X)	(X)	-	-
Ottawa.....	2	(D)	2	(D)	(X)	(X)	-	-
Washtenaw.....	5	1	5	1	(X)	(X)	-	-
CANTALOUPE AND MUSKMELONS								
State Total								
Michigan.....	345	520	335	513	23	7	205	469
Counties								
Alger.....	8	1	4	(Z)	4	(Z)	3	(Z)
Allegan.....	12	5	9	5	3	(Z)	8	11
Antrim.....	7	5	7	5	-	-	1	(D)
Arenac.....	-	-	-	-	-	-	2	(D)
Barry.....	1	(D)	1	(D)	-	-	2	(D)
Bay.....	24	51	24	(D)	3	(D)	11	(D)
Benzie.....	1	(D)	1	(D)	-	-	1	(D)
Berrien.....	15	46	15	46	-	-	18	70
Branch.....	2	(D)	2	(D)	-	-	3	1
Calhoun.....	-	-	-	-	-	-	2	(D)
Cass.....	4	1	4	1	-	-	1	(D)
Charlevoix.....	4	1	4	(D)	1	(D)	1	(D)
Clare.....	2	(D)	2	(D)	-	-	-	-
Clinton.....	4	1	4	1	-	-	-	-
Dickinson.....	3	1	3	1	-	-	-	-
Eaton.....	2	(D)	2	(D)	-	-	2	(D)
Emmet.....	4	4	4	4	-	-	5	5
Genesee.....	6	4	6	4	-	-	2	(D)
Gladwin.....	9	9	9	9	-	-	4	10
Gogebic.....	-	-	-	-	-	-	1	(D)
Grand Traverse.....	2	(D)	2	(D)	-	-	-	-
Gratiot.....	3	4	3	4	-	-	2	(D)
Hillsdale.....	5	1	5	1	-	-	1	(D)
Huron.....	1	(D)	1	(D)	-	-	1	(D)
Ingham.....	7	5	7	5	-	-	6	5
Ionia.....	6	5	6	5	-	-	3	6
Isabella.....	2	(D)	2	(D)	-	-	-	-
Jackson.....	10	23	10	23	-	-	5	8
Kalamazoo.....	2	(D)	2	(D)	-	-	6	1
Kalkaska.....	4	(Z)	4	(Z)	-	-	1	(D)
Kent.....	19	18	19	18	-	-	6	11
Lapeer.....	9	8	8	(D)	1	(D)	1	(D)
Leelanau.....	8	2	8	2	-	-	2	(D)
Lenawee.....	9	2	9	2	4	(Z)	3	(D)
Livingston.....	5	4	5	4	-	-	4	8
Macomb.....	10	16	10	(D)	2	(D)	9	24
Manistee.....	2	(D)	2	(D)	-	-	2	(D)
Mason.....	9	2	9	2	-	-	-	-
Mecosta.....	13	44	13	44	-	-	11	14
Midland.....	3	(Z)	3	(Z)	-	-	2	(D)
Missaukee.....	-	-	-	-	-	-	1	(D)
Monroe.....	12	177	12	177	-	-	7	144
Montcalm.....	1	(D)	1	(D)	-	-	6	7
Muskegon.....	12	2	12	2	-	-	1	(D)
Newaygo.....	3	(D)	3	(D)	-	-	-	-

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
CANTALOUPE AND MUSKMELONS - Con.								
Counties - Con.								
Oakland	-	-	-	-	-	-	1	(D)
Oceana	2	(D)	2	(D)	-	-	1	(D)
Ontonagon	2	(D)	2	(D)	-	-	-	-
Osceola	2	(D)	2	(D)	-	-	2	(D)
Otsego	-	-	-	-	-	-	1	(D)
Ottawa	7	2	7	(D)	2	(D)	6	2
Roscommon	1	(D)	1	(D)	-	-	-	-
Saginaw	2	(D)	2	(D)	-	-	3	(D)
St. Clair	18	9	18	9	-	-	5	9
St. Joseph	3	(D)	1	(D)	2	(D)	6	3
Sanilac	1	(D)	1	(D)	-	-	3	2
Shiawassee	4	1	4	1	-	-	2	(D)
Tuscola	8	10	8	10	-	-	3	9
Van Buren	6	12	6	12	-	-	11	12
Washtenaw	18	13	18	(D)	1	(D)	8	28
Wayne	6	5	6	5	-	-	5	8
Wexford	-	-	-	-	-	-	1	(D)
CARROTS								
State Total								
Michigan	450	3,473	410	825	60	2,648	145	4,065
Counties								
Alcona	2	(D)	2	(D)	-	-	-	-
Alger	10	2	6	2	4	(Z)	5	1
Allegan	3	(Z)	-	-	3	(Z)	1	(D)
Alpena	9	1	9	1	-	-	1	(D)
Antrim	17	13	17	13	-	-	1	(D)
Barry	6	1	6	1	-	-	1	(D)
Bay	-	-	-	-	-	-	2	(D)
Benzie	4	(Z)	4	(Z)	-	-	4	1
Berrien	10	3	7	3	3	(Z)	2	(D)
Branch	-	-	-	-	-	-	1	(D)
Calhoun	6	6	6	6	-	-	1	(D)
Cass	2	(D)	2	(D)	-	-	1	(D)
Charlevoix	4	1	3	(D)	2	(D)	-	-
Cheboygan	4	(Z)	4	(Z)	-	-	3	1
Chippewa	10	1	10	1	-	-	2	(D)
Clare	-	-	-	-	-	-	2	(D)
Clinton	6	(D)	5	1	1	(D)	4	(D)
Delta	3	(Z)	3	(Z)	-	-	-	-
Dickinson	1	(D)	1	(D)	-	-	1	(D)
Eaton	1	(D)	1	(D)	-	-	-	-
Emmet	15	5	12	4	5	1	4	4
Genesee	15	2	15	2	-	-	3	(Z)
Gogebic	2	(D)	2	(D)	-	-	-	-
Grand Traverse	6	2	6	2	-	-	4	2
Gratiot	9	5	9	1	9	4	2	(D)
Hillsdale	-	-	-	-	-	-	1	(D)
Houghton	6	6	6	6	-	-	2	(D)
Ingham	6	3	5	(D)	1	(D)	5	2
Ionia	3	3	3	3	-	-	2	(D)
Iosco	3	(Z)	-	-	3	(Z)	-	-
Iron	2	(D)	2	(D)	-	-	1	(D)
Isabella	3	3	3	3	-	-	-	-
Jackson	8	2	8	2	-	-	-	-
Kalamazoo	1	(D)	1	(D)	-	-	1	(D)
Kalkaska	6	2	6	2	-	-	-	-
Kent	10	3	10	3	-	-	4	(D)
Lapeer	12	(D)	12	(D)	1	(D)	5	(D)
Leelanau	12	2	12	2	-	-	1	(D)
Lenawee	10	195	5	1	5	194	5	(D)
Livingston	5	1	5	1	-	-	6	(D)
Mackinac	3	(Z)	3	(Z)	-	-	1	(D)
Macomb	8	4	8	4	-	-	4	3
Manistee	-	-	-	-	-	-	3	(D)
Marquette	7	1	5	(D)	2	(D)	4	1
Mason	9	(D)	7	1	2	(D)	4	(D)
Mecosta	11	2	11	2	-	-	4	1
Menominee	3	1	3	1	3	(Z)	1	(D)
Midland	3	(Z)	3	(Z)	-	-	-	-
Missaukee	7	1	5	(D)	2	(D)	-	-
Monroe	4	2	4	2	-	-	1	(D)
Montcalm	4	(D)	4	(D)	-	-	3	(D)
Montmorency	1	(D)	1	(D)	-	-	-	-
Muskegon	15	2	15	2	-	-	-	-
Newaygo	7	949	6	(D)	1	(D)	3	(D)
Oakland	9	3	9	3	-	-	1	(D)
Oceana	10	1,608	4	220	8	1,388	10	1,203
Ontonagon	2	(D)	2	(D)	-	-	-	-
Osceola	1	(D)	1	(D)	1	(D)	2	(D)
Otsego	2	(D)	1	(D)	1	(D)	3	(D)
Ottawa	11	22	11	22	-	-	5	(D)
Presque Isle	2	(D)	2	(D)	-	-	3	(Z)
Saginaw	3	1	3	1	-	-	2	(D)
St. Clair	10	5	10	5	-	-	2	(D)
St. Joseph	2	(D)	-	-	2	(D)	1	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
CARROTS - Con.								
Counties - Con.								
Sanilac	10	4	10	4	-	-	2	(D)
Schoolcraft	3	(Z)	3	(Z)	-	-	-	-
Shiawassee	5	(D)	5	(D)	-	-	1	(D)
Tuscola	6	7	6	7	-	-	2	(D)
Van Buren	6	3	6	3	-	-	2	(D)
Washtenaw	35	13	35	13	-	-	1	(D)
Wayne	18	8	18	(D)	1	(D)	1	(D)
Wexford	1	(D)	1	(D)	-	-	1	(D)
CAULIFLOWER								
State Total								
Michigan	231	228	222	176	13	52	79	233
Counties								
Alger	1	(D)	1	(D)	-	-	3	1
Allegan	2	(D)	1	(D)	1	(D)	7	(D)
Antrim	7	1	7	1	-	-	1	(D)
Barry	2	(D)	2	(D)	-	-	-	-
Bay	5	31	5	31	-	-	1	(D)
Berrien	14	13	11	13	3	(Z)	2	(D)
Calhoun	2	(D)	2	(D)	-	-	1	(D)
Cass	1	(D)	1	(D)	-	-	-	-
Charlevoix	2	(D)	2	(D)	1	(D)	-	-
Cheboygan	2	(D)	2	(D)	-	-	2	(D)
Chippewa	3	1	3	1	-	-	2	(D)
Clare	-	-	-	-	-	-	2	(D)
Clinton	4	1	4	1	-	-	-	-
Delta	2	(D)	2	(D)	-	-	-	-
Dickinson	2	(D)	2	(D)	-	-	-	-
Eaton	1	(D)	1	(D)	-	-	-	-
Emmet	4	2	4	2	-	-	-	-
Genesee	2	(D)	2	(D)	-	-	2	(D)
Gladwin	3	1	3	1	-	-	2	(D)
Gogebic	1	(D)	1	(D)	-	-	-	-
Gratiot	2	(D)	2	(D)	-	-	-	-
Hillsdale	4	1	4	1	-	-	-	-
Huron	1	(D)	1	(D)	-	-	1	(D)
Ingham	3	(D)	3	(D)	-	-	1	(D)
Ionia	3	3	3	3	-	-	1	(D)
Isabella	1	(D)	1	(D)	-	-	-	-
Jackson	5	1	5	1	-	-	-	-
Kalamazoo	1	(D)	1	(D)	-	-	1	(D)
Kalkaska	-	-	-	-	-	-	1	(D)
Kent	3	1	3	(D)	1	(D)	1	(D)
Lapeer	5	2	5	2	-	-	2	(D)
Leelanau	2	(D)	2	(D)	-	-	1	(D)
Lenawee	10	1	8	(D)	2	(D)	2	(D)
Livingston	7	3	7	3	-	-	-	-
Mackinac	3	1	3	1	-	-	-	-
Macomb	16	20	16	(D)	2	(D)	4	11
Manistee	5	1	5	1	-	-	-	-
Mason	2	(D)	2	(D)	-	-	-	-
Mecosta	9	5	9	5	-	-	2	(D)
Midland	3	(Z)	3	(Z)	-	-	-	-
Monroe	8	32	6	(D)	2	(D)	4	(D)
Montcalm	2	(D)	2	(D)	-	-	-	-
Muskegon	6	1	6	1	-	-	-	-
Newaygo	5	1	5	1	-	-	1	(D)
Oakland	2	(D)	2	(D)	-	-	3	(D)
Oceana	1	(D)	-	-	1	(D)	1	(D)
Ogemaw	2	(D)	2	(D)	-	-	-	-
Ontonagon	2	(D)	2	(D)	-	-	-	-
Osceola	-	-	-	-	-	-	2	(D)
Otsego	-	-	-	-	-	-	2	(D)
Ottawa	11	8	11	8	-	-	1	(D)
Presque Isle	-	-	-	-	-	-	1	(D)
Saginaw	-	-	-	-	-	-	2	(D)
St. Clair	13	5	13	5	-	-	6	6
St. Joseph	1	(D)	1	(D)	-	-	-	-
Sanilac	5	8	5	8	-	-	5	7
Shiawassee	2	(D)	2	(D)	-	-	-	-
Tuscola	5	9	5	9	-	-	-	-
Van Buren	3	1	3	1	-	-	3	(D)
Washtenaw	10	1	10	1	-	-	2	(D)
Wayne	8	2	8	2	-	-	3	2
Wexford	-	-	-	-	-	-	1	(D)
CELERY								
State Total								
Michigan	83	2,078	73	1,137	21	941	29	1,534
Counties								
Alger	1	(D)	1	(D)	-	-	-	-
Allegan	4	420	4	318	3	102	2	(D)
Antrim	3	(Z)	3	(Z)	-	-	-	-

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
CELERY - Con.								
Counties - Con.								
Berrien	-	-	-	-	-	-	1	(D)
Cheboygan	2	(D)	2	(D)	-	-	-	-
Clinton	2	(D)	2	(D)	-	-	-	-
Dickinson	2	(D)	2	(D)	-	-	-	-
Eaton	1	(D)	1	(D)	-	-	-	-
Gogebic	1	(D)	1	(D)	-	-	-	-
Grand Traverse.....	2	(D)	2	(D)	-	-	-	-
Ingham.....	3	1	3	1	-	-	1	(D)
Iosco	-	-	-	-	-	-	2	(D)
Jackson	2	(D)	2	(D)	-	-	-	-
Kent	10	288	8	(D)	4	(D)	3	244
Lapeer	1	(D)	1	(D)	-	-	4	5
Leelanau.....	3	(Z)	3	(Z)	-	-	-	-
Lenawee	2	-	-	-	2	(D)	-	-
Livingston.....	1	(D)	1	(D)	1	(D)	1	(D)
Macomb.....	1	(D)	1	(D)	-	-	-	-
Marquette	2	(D)	-	-	2	(D)	-	-
Mecosta.....	2	(D)	2	(D)	-	-	-	-
Midland.....	3	(Z)	3	(Z)	-	-	-	-
Montcalm.....	1	(D)	-	-	1	(D)	-	-
Muskegon	-	-	-	-	-	-	2	(D)
Newaygo.....	2	(D)	1	(D)	1	(D)	1	(D)
Oceana.....	2	(D)	-	-	2	(D)	1	(D)
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Ottawa.....	9	672	9	452	4	220	3	290
Saginaw.....	-	-	-	-	-	-	1	(D)
St. Clair.....	7	1	7	1	-	-	-	-
Sanilac.....	2	(D)	2	(D)	-	-	-	-
Tuscola.....	-	-	-	-	-	-	2	(D)
Van Buren.....	2	(D)	2	(D)	1	(D)	3	(D)
Washtenaw.....	1	(D)	1	(D)	-	-	1	(D)
Wayne.....	7	1	7	1	-	-	-	-
Wexford.....	-	-	-	-	-	-	1	(D)
CHICORY								
State Total								
Michigan	4	(Z)	4	(Z)	(X)	(X)	-	-
Counties								
Leelanau.....	2	(D)	2	(D)	(X)	(X)	-	-
Washtenaw.....	2	(D)	2	(D)	(X)	(X)	-	-
COLLARDS								
State Total								
Michigan	141	155	138	149	6	6	31	97
Counties								
Alcona.....	2	(D)	2	(D)	-	-	-	-
Alger.....	1	(D)	1	(D)	-	-	-	-
Allegan.....	6	1	3	(D)	3	(D)	1	(D)
Bay.....	1	(D)	1	(D)	1	(D)	4	1
Berrien.....	8	1	8	1	-	-	-	-
Calhoun.....	3	3	3	3	-	-	-	-
Cass.....	1	(D)	1	(D)	-	-	-	-
Cheboygan.....	-	-	-	-	-	-	1	(D)
Clinton.....	4	1	4	1	-	-	-	-
Dickinson.....	2	(D)	2	(D)	-	-	-	-
Genesee.....	9	1	9	1	-	-	-	-
Gogebic.....	1	(D)	1	(D)	-	-	-	-
Grand Traverse.....	2	(D)	2	(D)	-	-	-	-
Gratiot.....	9	1	9	1	-	-	-	-
Ingham.....	1	(D)	1	(D)	-	-	1	(D)
Ionia.....	3	1	3	1	-	-	1	(D)
Kalamazoo.....	3	(Z)	3	(Z)	-	-	-	-
Kent.....	9	2	9	2	-	-	-	-
Lake.....	2	-	-	-	-	-	1	(D)
Lapeer.....	2	(D)	2	(D)	-	-	1	(D)
Leelanau.....	5	1	5	1	-	-	-	-
Livingston.....	7	(D)	7	(D)	-	-	1	(D)
Macomb.....	5	31	5	(D)	2	(D)	1	(D)
Marquette.....	1	(D)	1	(D)	-	-	-	-
Monroe.....	2	(D)	2	(D)	-	-	1	(D)
Montcalm.....	2	(D)	2	(D)	-	-	-	-
Muskegon.....	5	1	5	1	-	-	-	-
Otsego.....	-	-	-	-	-	-	2	(D)
Ottawa.....	2	(D)	2	(D)	-	-	-	-
St. Clair.....	10	7	10	7	-	-	6	2
St. Joseph.....	1	(D)	1	(D)	-	-	-	-
Tuscola.....	2	(D)	2	(D)	-	-	-	-
Van Buren.....	2	(D)	2	(D)	-	-	1	(D)
Washtenaw.....	12	1	12	1	-	-	5	(D)
Wayne.....	18	11	18	11	-	-	4	6

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
CUCUMBERS AND PICKLES								
State Total								
Michigan.....	822	34,409	711	5,144	140	29,265	436	31,832
Counties								
Alcona.....	6	1	2	(D)	4	(D)	4	1
Alger.....	12	1	8	1	4	(Z)	3	1
Allegan.....	19	2,253	14	(D)	6	(D)	10	1,708
Alpena.....	19	6	19	(D)	2	(D)	-	-
Antrim.....	17	5	17	5	-	-	5	3
Arenac.....	13	2,026	-	-	13	2,026	7	1,433
Baraga.....	1	(D)	1	(D)	-	-	-	-
Barry.....	9	1	9	1	-	-	3	(Z)
Bay.....	33	4,311	17	453	21	3,858	31	4,819
Benzie.....	8	1	8	1	-	-	4	1
Berrien.....	38	1,687	35	1,687	3	(Z)	31	1,627
Calhoun.....	16	8	14	(D)	2	(D)	9	8
Cass.....	6	(D)	6	(D)	-	-	5	(D)
Charlevoix.....	6	1	5	(D)	1	(D)	3	1
Cheboygan.....	5	1	5	1	-	-	1	(D)
Chippewa.....	2	(D)	2	(D)	-	-	1	(D)
Clare.....	2	(D)	2	(D)	-	-	7	2
Clinton.....	8	13	8	13	-	-	5	5
Delta.....	4	(Z)	4	(Z)	-	-	-	-
Dickinson.....	2	(D)	2	(D)	-	-	1	(D)
Eaton.....	2	(D)	2	(D)	-	-	1	(D)
Emmet.....	17	8	14	8	3	(Z)	4	6
Genesee.....	16	3	16	2	4	(Z)	5	(D)
Gladwin.....	9	(D)	8	10	1	(D)	5	(D)
Gogebic.....	2	(D)	2	(D)	-	-	1	(D)
Grand Traverse.....	6	3	6	3	-	-	9	4
Graiot.....	14	2,394	9	(D)	5	(D)	7	2,915
Hillsdale.....	2	(D)	2	(D)	-	-	4	(Z)
Houghton.....	3	(Z)	3	(Z)	-	-	3	(Z)
Huron.....	8	2	3	1	5	1	5	3
Ingham.....	8	4	7	(D)	1	(D)	2	(D)
Ionia.....	16	(D)	15	9	1	(D)	4	(D)
Iosco.....	3	(Z)	-	-	3	(Z)	4	(D)
Iron.....	1	(D)	1	(D)	-	-	1	(D)
Isabella.....	8	1,151	5	1	3	1,150	3	3
Jackson.....	19	2	19	2	-	-	4	3
Kalamazoo.....	6	1	6	1	-	-	4	4
Kalkaska.....	6	1	6	1	-	-	1	(D)
Kent.....	17	38	16	(D)	1	(D)	5	2
Lake.....	3	1	3	1	3	(Z)	1	(D)
Lapeer.....	20	14	19	(D)	1	(D)	11	9
Leelanau.....	16	4	16	4	-	-	5	1
Lenawee.....	20	(D)	15	5	7	(D)	5	(D)
Livingston.....	13	1	13	1	-	-	7	4
Mackinac.....	-	-	-	-	-	-	1	(D)
Macomb.....	20	12	19	(D)	1	(D)	17	60
Manistee.....	3	(D)	-	-	3	(D)	4	132
Marquette.....	12	2	10	(D)	2	(D)	2	(D)
Mason.....	15	4	15	3	4	(Z)	1	(D)
Mecosta.....	28	(D)	25	14	3	(D)	8	(D)
Menominee.....	1	(D)	1	(D)	-	-	1	(D)
Midland.....	16	317	14	(D)	2	(D)	8	639
Missaukee.....	4	1	4	1	-	-	-	-
Monroe.....	15	50	14	(D)	1	(D)	10	(D)
Montcalm.....	8	421	5	1	3	420	6	384
Montmorency.....	3	1	3	1	-	-	2	(D)
Muskegon.....	23	(D)	22	9	1	(D)	4	(D)
Newaygo.....	6	(D)	5	3	1	(D)	7	(D)
Oakland.....	16	11	16	11	-	-	5	1
Oceana.....	3	646	3	(D)	2	(D)	5	(D)
Ogemaw.....	4	1	4	1	-	-	-	-
Ononagon.....	2	(D)	2	(D)	-	-	-	-
Oscoda.....	-	-	-	-	-	-	2	(D)
Otsego.....	1	(D)	1	(D)	-	-	2	(D)
Ottawa.....	15	10	15	(D)	2	(D)	10	5
Presque Isle.....	7	1	7	1	-	-	5	1
Roscommon.....	1	(D)	1	(D)	-	-	-	-
Saginaw.....	10	(D)	5	2	5	(D)	9	5,175
St. Clair.....	29	63	25	62	6	1	14	18
St. Joseph.....	6	955	4	(D)	2	(D)	5	1,101
Sanilac.....	10	(D)	9	7	1	(D)	8	255
Shiawassee.....	7	3	7	3	-	-	2	(D)
Tuscola.....	22	1,958	19	(D)	5	(D)	16	1,657
Van Buren.....	12	(D)	10	(D)	2	(D)	17	(D)
Washtenaw.....	38	16	38	16	-	-	24	13
Wayne.....	23	11	23	11	-	-	8	7
Wexford.....	1	(D)	1	(D)	-	-	2	(D)
DAIKON								
State Total								
Michigan.....	50	32	48	(D)	2	(D)	-	-

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
DAIKON - Con.								
Counties								
Antrim	3	1	3	1	-	-	-	-
Berrien	2	(D)	2	(D)	-	-	-	-
Calhoun	1	(D)	1	(D)	-	-	-	-
Cass	1	(D)	1	(D)	-	-	-	-
Clinton	2	(D)	2	(D)	-	-	-	-
Grand Traverse.....	2	(D)	2	(D)	-	-	-	-
Ionia.....	1	(D)	1	(D)	-	-	-	-
Isabella.....	2	(D)	2	(D)	-	-	-	-
Kent.....	7	1	7	1	-	-	-	-
Lapeer.....	2	(D)	2	(D)	-	-	-	-
Leelanau.....	5	1	5	1	-	-	-	-
Lenawee.....	4	1	4	1	-	-	-	-
Missaukee.....	2	(D)	-	-	2	(D)	-	-
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Ottawa.....	2	(D)	2	(D)	-	-	-	-
Tuscola.....	1	(D)	1	(D)	-	-	-	-
Washtenaw.....	9	1	9	1	-	-	-	-
Wayne.....	2	(D)	2	(D)	-	-	-	-
EGGPLANT								
State Total								
Michigan	326	196	312	194	18	2	121	205
Counties								
Alcona.....	2	(D)	2	(D)	-	-	2	(D)
Alger.....	5	1	1	(D)	4	(D)	3	1
Allegan.....	9	2	9	2	-	-	1	(D)
Antrim.....	3	(Z)	3	(Z)	-	-	2	(D)
Barry.....	2	(D)	2	(D)	-	-	-	-
Bay.....	9	1	9	1	-	-	1	(D)
Berrien.....	13	(D)	10	(D)	3	(Z)	9	(D)
Branch.....	2	(D)	2	(D)	-	-	-	-
Calhoun.....	4	(D)	4	(D)	-	-	-	-
Cass.....	2	(D)	2	(D)	-	-	2	(D)
Charlevoix.....	2	(D)	2	(D)	-	-	2	(D)
Cheboygan.....	2	(D)	2	(D)	-	-	-	-
Clinton.....	7	1	7	1	-	-	-	-
Delta.....	2	(D)	2	(D)	-	-	-	-
Dickinson.....	2	(D)	2	(D)	-	-	-	-
Eaton.....	2	(D)	2	(D)	-	-	1	(D)
Emmet.....	2	(D)	2	(D)	-	-	-	-
Genesee.....	6	1	6	1	-	-	-	-
Gladwin.....	1	(D)	1	(D)	-	-	-	-
Gogebic.....	1	(D)	1	(D)	-	-	-	-
Grand Traverse.....	2	(D)	2	(D)	-	-	-	-
Gratiot.....	9	1	9	1	-	-	1	(D)
Huron.....	-	-	-	-	-	-	1	(D)
Ingham.....	4	(Z)	4	(Z)	-	-	-	-
Ionia.....	4	2	4	2	-	-	1	(D)
Iosco.....	3	(Z)	-	-	3	(Z)	-	-
Isabella.....	6	8	6	8	-	-	-	-
Jackson.....	8	1	8	1	-	-	-	-
Kalamazoo.....	2	(D)	2	(D)	-	-	3	(Z)
Kent.....	14	14	14	(D)	1	(D)	7	11
Lapeer.....	12	2	12	2	-	-	6	4
Leelanau.....	8	1	8	1	-	-	-	-
Lenawee.....	6	1	4	(D)	2	(D)	2	(D)
Livingston.....	10	4	10	4	-	-	9	2
Mackinac.....	2	(D)	2	(D)	-	-	-	-
Macomb.....	17	14	15	(D)	2	(D)	8	5
Mason.....	5	1	5	1	-	-	-	-
Mecosta.....	7	5	7	5	-	-	4	1
Menominee.....	-	-	-	-	-	-	1	(D)
Midland.....	3	(Z)	3	(Z)	-	-	-	-
Missaukee.....	2	(D)	2	(D)	-	-	-	-
Monroe.....	8	6	8	6	-	-	8	15
Montcalm.....	3	1	3	1	-	-	2	(D)
Muskegon.....	9	3	9	3	-	-	1	(D)
Newaygo.....	3	(Z)	3	(Z)	-	-	-	-
Oakland.....	2	(D)	2	(D)	-	-	6	1
Oceana.....	-	-	-	-	-	-	1	(D)
Ogemaw.....	2	(D)	2	(D)	-	-	-	-
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Osceola.....	-	-	-	-	-	-	2	(D)
Otsego.....	-	-	-	-	-	-	2	(D)
Ottawa.....	6	2	6	(D)	2	(D)	1	(D)
Saginaw.....	-	-	-	-	-	-	1	(D)
St. Clair.....	16	16	16	16	-	-	8	6
St. Joseph.....	3	2	3	2	-	-	2	(D)
Sanilac.....	8	4	8	4	-	-	1	(D)
Shiawassee.....	4	1	4	1	-	-	-	-
Tuscola.....	6	2	6	(D)	1	(D)	-	-
Van Buren.....	4	(D)	4	(D)	-	-	9	95
Washtenaw.....	28	8	28	8	-	-	9	6
Wayne.....	20	4	20	4	-	-	2	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
ESCAROLE AND ENDIVE								
State Total								
Michigan.....	28	6	28	6	(X)	(X)	1	(D)
Counties								
Charlevoix.....	2	(D)	2	(D)	(X)	(X)	-	-
Gratiot.....	9	1	9	1	(X)	(X)	-	-
Kent.....	1	(D)	1	(D)	(X)	(X)	-	-
Leelanau.....	2	(D)	2	(D)	(X)	(X)	-	-
Monroe.....	2	(D)	2	(D)	(X)	(X)	-	-
Ontonagon.....	2	(D)	2	(D)	(X)	(X)	-	-
St. Clair.....	-	-	-	-	(X)	(X)	1	(D)
Tuscola.....	2	(D)	2	(D)	(X)	(X)	-	-
Washtenaw.....	6	1	6	1	(X)	(X)	-	-
Wayne.....	2	(D)	2	(D)	(X)	(X)	-	-
GARLIC								
State Total								
Michigan.....	365	101	332	87	54	15	112	71
Counties								
Alger.....	9	2	5	1	4	(Z)	3	1
Allegan.....	5	1	2	(D)	3	(D)	-	-
Alpena.....	6	1	6	-	-	-	-	-
Antrim.....	13	2	13	2	-	-	2	(D)
Arenac.....	1	(D)	1	(D)	-	-	-	-
Baraga.....	1	(D)	1	(D)	-	-	-	-
Barry.....	5	1	5	1	-	-	2	(D)
Benzie.....	2	(D)	2	(D)	-	-	-	-
Berrien.....	4	1	4	1	-	-	6	2
Branch.....	3	1	3	1	-	-	-	-
Calhoun.....	12	6	12	6	-	-	3	(Z)
Cass.....	1	(D)	1	(D)	-	-	3	6
Cheboygan.....	2	(D)	2	(D)	-	-	-	-
Chippewa.....	11	2	11	2	5	1	2	(D)
Clare.....	2	(D)	2	(D)	-	-	1	(D)
Clinton.....	2	(D)	2	(D)	2	(D)	2	(D)
Delta.....	3	3	3	3	-	-	2	(D)
Eaton.....	4	6	1	(D)	3	(D)	-	-
Emmet.....	10	3	10	3	-	-	-	-
Genesee.....	-	-	-	-	-	-	2	(D)
Gogebic.....	3	(Z)	3	(Z)	-	-	-	-
Grand Traverse.....	4	2	4	(D)	3	(D)	3	1
Gratiot.....	9	1	9	1	-	-	1	(D)
Houghton.....	9	1	9	1	-	-	1	(D)
Huron.....	3	2	3	2	-	-	3	2
Ingham.....	9	3	9	(D)	4	(D)	1	(D)
Ionia.....	4	1	4	1	-	-	-	-
Iosco.....	3	(Z)	-	-	3	(Z)	-	-
Iron.....	1	(D)	1	(D)	-	-	-	-
Jackson.....	4	1	4	1	-	-	-	-
Kalamazoo.....	3	1	3	1	-	-	3	(Z)
Kalkaska.....	2	(D)	2	(D)	-	-	-	-
Kent.....	9	2	9	2	-	-	5	3
Lapeer.....	10	3	10	3	-	-	5	2
Leelanau.....	19	4	19	(D)	3	(D)	6	2
Lenawee.....	9	1	7	(D)	2	(D)	2	(D)
Livingston.....	14	2	14	2	-	-	2	(D)
Mackinac.....	3	(Z)	3	(Z)	-	-	-	-
Macomb.....	7	3	7	3	-	-	7	8
Manistee.....	-	-	-	-	-	-	1	(D)
Marquette.....	6	1	4	(D)	2	(D)	-	-
Mason.....	5	3	5	3	-	-	-	-
Mecosta.....	8	2	8	2	-	-	3	(Z)
Menominee.....	4	1	4	1	-	-	1	(D)
Midland.....	4	(D)	4	(D)	1	(D)	-	-
Missaukee.....	3	(D)	1	(D)	2	(D)	-	-
Monroe.....	2	(D)	2	(D)	-	-	5	4
Montcalm.....	3	1	3	1	-	-	1	(D)
Montmorency.....	3	1	3	1	-	-	2	(D)
Muskegon.....	7	2	7	2	-	-	-	-
Newaygo.....	5	2	5	2	-	-	-	-
Oakland.....	3	1	3	1	-	-	4	1
Oceana.....	2	(D)	2	(D)	-	-	-	-
Ontonagon.....	-	-	-	-	-	-	2	(D)
Osceola.....	1	(D)	1	(D)	1	(D)	5	3
Otsego.....	1	(D)	1	(D)	-	-	-	-
Ottawa.....	2	(D)	2	(D)	-	-	-	-
Presque Isle.....	5	1	1	(D)	5	(D)	2	(D)
Saginaw.....	-	-	-	-	-	-	3	(Z)
St. Clair.....	10	3	10	3	-	-	-	-
St. Joseph.....	4	1	4	1	-	-	-	-
Sanilac.....	10	4	10	4	-	-	1	(D)
Shiawassee.....	2	(D)	2	(D)	-	-	-	-
Tuscola.....	11	2	5	1	6	1	-	-
Van Buren.....	3	1	3	1	-	-	1	(D)
Washtenaw.....	31	10	31	(D)	1	(D)	10	4
Wayne.....	9	3	5	1	4	2	4	1

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
GINGER ROOT (SEE TEXT)								
State Total								
Michigan	6	1	6	1	-	-	(NA)	(NA)
Counties								
Alger	1	(D)	1	(D)	-	-	(NA)	(NA)
Cass	1	(D)	1	(D)	-	-	(NA)	(NA)
Chippewa	1	(D)	1	(D)	-	-	(NA)	(NA)
Kalamazoo	1	(D)	1	(D)	-	-	(NA)	(NA)
Wayne	2	(D)	2	(D)	-	-	(NA)	(NA)
GINSENG								
State Total								
Michigan	-	-	-	-	-	-	1	(D)
Counties								
Newaygo	-	-	-	-	-	-	1	(D)
HERBS, FRESH CUT								
State Total								
Michigan	356	159	356	159	(X)	(X)	81	195
Counties								
Alcona	-	-	-	-	(X)	(X)	2	(D)
Alger	8	1	8	1	(X)	(X)	-	-
Allegan	3	(Z)	3	(Z)	(X)	(X)	-	-
Antrim	9	1	9	1	(X)	(X)	5	3
Arenac	1	(D)	1	(D)	(X)	(X)	-	-
Bary	3	1	3	1	(X)	(X)	-	-
Bay	2	(D)	2	(D)	(X)	(X)	1	(D)
Benzie	8	1	8	1	(X)	(X)	1	(D)
Berrien	9	3	9	3	(X)	(X)	4	1
Calhoun	9	1	9	1	(X)	(X)	1	(D)
Cass	3	(Z)	3	(Z)	(X)	(X)	-	-
Charlevoix	3	(Z)	3	(Z)	(X)	(X)	-	-
Cheboygan	-	-	-	-	(X)	(X)	1	(D)
Chippewa	1	(D)	1	(D)	(X)	(X)	-	-
Clinton	3	(Z)	3	(Z)	(X)	(X)	-	-
Dickinson	2	(D)	2	(D)	(X)	(X)	-	-
Emmet	10	3	10	3	(X)	(X)	-	-
Genesee	6	1	6	1	(X)	(X)	2	(D)
Grand Traverse	3	(Z)	3	(Z)	(X)	(X)	-	-
Gratiot	9	1	9	1	(X)	(X)	1	(D)
Hillsdale	6	1	6	1	(X)	(X)	1	(D)
Houghton	4	(Z)	4	(Z)	(X)	(X)	1	(D)
Ingham	6	1	6	1	(X)	(X)	4	1
Ionia	6	2	6	2	(X)	(X)	-	-
Iosco	3	(Z)	3	(Z)	(X)	(X)	1	(D)
Isabella	2	(D)	2	(D)	(X)	(X)	-	-
Jackson	7	3	7	3	(X)	(X)	1	(D)
Kalamazoo	4	1	4	1	(X)	(X)	6	1
Kalkaska	2	(D)	2	(D)	(X)	(X)	-	-
Kent	15	3	15	3	(X)	(X)	2	(D)
Lake	2	(D)	2	(D)	(X)	(X)	-	-
Lapeer	10	(D)	10	(D)	(X)	(X)	3	(D)
Leelanau	10	1	10	1	(X)	(X)	-	-
Lenawee	9	1	9	1	(X)	(X)	4	(D)
Livingston	10	1	10	1	(X)	(X)	1	(D)
Mackinac	-	-	-	-	(X)	(X)	1	(D)
Macomb	5	(D)	5	(D)	(X)	(X)	7	18
Marquette	15	2	15	2	(X)	(X)	-	-
Mason	8	1	8	1	(X)	(X)	-	-
Mecosta	9	2	9	2	(X)	(X)	1	(D)
Menominee	1	(D)	1	(D)	(X)	(X)	1	(D)
Midland	6	1	6	1	(X)	(X)	-	-
Monroe	6	2	6	2	(X)	(X)	1	(D)
Montcalm	2	(D)	2	(D)	(X)	(X)	-	-
Montmorency	3	1	3	1	(X)	(X)	-	-
Muskegon	10	1	10	1	(X)	(X)	2	(D)
Newaygo	1	(D)	1	(D)	(X)	(X)	-	-
Oakland	5	3	5	3	(X)	(X)	2	(D)
Oceana	1	(D)	1	(D)	(X)	(X)	-	-
Osceola	1	(D)	1	(D)	(X)	(X)	-	-
Oscoda	4	(Z)	4	(Z)	(X)	(X)	-	-
Otsego	-	-	-	-	(X)	(X)	2	(D)
Ottawa	11	2	11	2	(X)	(X)	-	-
Presque Isle	1	(D)	1	(D)	(X)	(X)	1	(D)
Saginaw	4	1	4	1	(X)	(X)	-	-
St. Clair	9	2	9	2	(X)	(X)	6	5
St. Joseph	1	(D)	1	(D)	(X)	(X)	-	-
Sanilac	2	(D)	2	(D)	(X)	(X)	2	(D)
Shiawassee	4	(Z)	4	(Z)	(X)	(X)	-	-
Tuscola	4	1	4	1	(X)	(X)	-	-
Van Buren	8	3	8	3	(X)	(X)	5	4
Washtenaw	21	3	21	3	(X)	(X)	3	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012 total harvested	
	Total harvested		Harvested for fresh market		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
HERBS, FRESH CUT - Con.								
Counties - Con.								
Wayne.....	25	4	25	4	(X)	(X)	4	3
Wexford.....	1	(D)	1	(D)	(X)	(X)	2	(D)
HONEYDEW MELONS								
State Total								
Michigan.....	77	(D)	77	(D)	(X)	(X)	30	32
Counties								
Allegan.....	1	(D)	1	(D)	(X)	(X)	3	(D)
Arenac.....	1	(D)	1	(D)	(X)	(X)	-	(D)
Bay.....	-	-	-	-	(X)	(X)	1	(D)
Benzie.....	-	-	-	-	(X)	(X)	1	(D)
Berrien.....	-	-	-	-	(X)	(X)	1	(D)
Calhoun.....	3	6	3	6	(X)	(X)	-	-
Cass.....	1	(D)	1	(D)	(X)	(X)	-	-
Clinton.....	2	(D)	2	(D)	(X)	(X)	-	-
Dickinson.....	2	(D)	2	(D)	(X)	(X)	-	-
Genesee.....	2	(D)	2	(D)	(X)	(X)	-	-
Grand Traverse.....	2	(D)	2	(D)	(X)	(X)	-	-
Hillsdale.....	-	-	-	-	(X)	(X)	2	(D)
Huron.....	-	-	-	-	(X)	(X)	1	(D)
Ingham.....	1	(D)	1	(D)	(X)	(X)	-	-
Ionia.....	2	(D)	2	(D)	(X)	(X)	4	1
Jackson.....	2	(D)	2	(D)	(X)	(X)	1	(D)
Kalkaska.....	2	(D)	2	(D)	(X)	(X)	-	-
Leelanau.....	3	(Z)	3	(Z)	(X)	(X)	-	-
Lenawee.....	1	(D)	1	(D)	(X)	(X)	-	-
Livingston.....	2	(D)	2	(D)	(X)	(X)	1	(D)
Macomb.....	1	(D)	1	(D)	(X)	(X)	3	(D)
Marquette.....	1	(D)	1	(D)	(X)	(X)	-	-
Mason.....	6	1	6	1	(X)	(X)	-	-
Mecosta.....	2	(D)	2	(D)	(X)	(X)	1	(D)
Midland.....	3	(Z)	3	(Z)	(X)	(X)	2	(D)
Monroe.....	3	(Z)	3	(Z)	(X)	(X)	-	-
Muskegon.....	3	(Z)	3	(Z)	(X)	(X)	1	(D)
Oceana.....	-	-	-	-	(X)	(X)	1	(D)
Osceola.....	1	(D)	1	(D)	(X)	(X)	-	-
Otsego.....	-	-	-	-	(X)	(X)	2	(D)
St. Clair.....	7	1	7	1	(X)	(X)	1	(D)
St. Joseph.....	1	(D)	1	(D)	(X)	(X)	-	-
Sanilac.....	3	2	3	2	(X)	(X)	-	-
Shiawassee.....	1	(D)	1	(D)	(X)	(X)	-	-
Tuscola.....	4	1	4	1	(X)	(X)	-	-
Van Buren.....	1	(D)	1	(D)	(X)	(X)	-	-
Washtenaw.....	8	1	8	1	(X)	(X)	4	4
Wayne.....	5	1	5	1	(X)	(X)	-	-
HORSERADISH								
State Total								
Michigan.....	26	3	18	2	8	1	5	2
Counties								
Berrien.....	3	(Z)	-	-	3	(Z)	-	-
Clare.....	-	-	-	-	-	-	1	(D)
Iosco.....	-	-	-	-	-	-	2	(D)
Kalamazoo.....	2	(D)	2	(D)	-	-	-	-
Kent.....	2	(D)	2	(D)	-	-	-	-
Lapeer.....	1	(D)	-	-	1	(D)	-	-
Lenawee.....	2	(D)	-	-	2	(D)	-	-
Mason.....	6	1	6	1	-	-	-	-
Missaukee.....	2	(D)	-	-	2	(D)	-	-
Montmorency.....	3	1	3	1	-	-	-	-
Ogemaw.....	2	(D)	2	(D)	-	-	-	-
St. Clair.....	-	-	-	-	-	-	2	(D)
Sanilac.....	1	(D)	1	(D)	-	-	-	-
Washtenaw.....	2	(D)	2	(D)	-	-	-	-
KALE								
State Total								
Michigan.....	447	342	426	335	28	7	86	86
Counties								
Alger.....	7	1	3	1	4	(Z)	3	1
Allegan.....	6	1	3	(Z)	3	(Z)	5	3
Antrim.....	9	4	9	4	-	-	-	-
Arenac.....	1	(D)	1	(D)	-	-	-	-
Barry.....	3	1	3	1	-	-	-	-
Bay.....	6	1	6	1	-	-	-	-
Benzie.....	4	(Z)	4	(Z)	-	-	-	-
Berrien.....	12	10	9	(D)	3	(D)	5	1
Branch.....	1	(D)	1	(D)	-	-	-	-
Calhoun.....	9	3	9	3	-	-	2	(D)
Cass.....	3	(Z)	3	(Z)	-	-	2	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
KALE - Con.								
Counties - Con.								
Cheboygan	2	(D)	2	(D)	-	-	-	-
Clare	6	1	6	1	-	-	2	(D)
Clinton	5	1	5	1	-	-	-	-
Delta	3	(Z)	3	(Z)	-	-	-	-
Dickinson	2	(D)	2	(D)	-	-	-	-
Eaton	1	(D)	1	(D)	-	-	-	-
Emmet	15	4	15	4	-	-	1	(D)
Genesee	11	1	11	1	-	-	2	(D)
Gladwin	3	(Z)	3	(Z)	-	-	-	-
Gogebic	3	(Z)	3	(Z)	-	-	-	-
Grand Traverse	3	1	3	1	-	-	-	-
Gratiot	9	3	9	3	-	-	-	-
Houghton	3	(Z)	3	(Z)	-	-	-	-
Ingham	6	1	6	1	-	-	5	1
Ionia	3	1	3	1	-	-	1	(D)
Iosco	3	(Z)	-	-	3	(Z)	-	-
Iron	1	(D)	1	(D)	-	-	-	-
Isabella	8	7	8	7	-	-	-	-
Jackson	9	4	9	(D)	2	(D)	4	3
Kalamazoo	5	1	5	1	-	-	2	(D)
Kalkaska	2	(D)	2	(D)	-	-	-	-
Kent	16	4	16	4	-	-	3	1
Lake	2	(D)	2	(D)	-	-	1	(D)
Lapeer	12	10	12	10	-	-	6	4
Leelanau	27	6	27	6	-	-	4	(Z)
Lenawee	6	1	6	1	-	-	-	-
Livingston	13	(D)	13	(D)	-	-	1	(D)
Macomb	10	14	10	(D)	2	(D)	4	(D)
Manistee	5	1	5	1	-	-	-	-
Marquette	10	1	8	(D)	2	(D)	-	-
Mason	10	1	10	1	-	-	2	(D)
Mecosta	14	2	14	2	-	-	1	(D)
Menominee	2	(D)	2	(D)	-	-	-	-
Midland	3	(Z)	3	(Z)	-	-	-	-
Missaukee	2	(D)	2	(D)	-	-	-	-
Monroe	6	(D)	6	(D)	-	-	1	(D)
Montcalm	6	1	6	1	-	-	-	-
Montmorency	3	1	3	1	-	-	-	-
Muskegon	11	2	11	2	-	-	-	-
Newaygo	2	(D)	2	(D)	-	-	-	-
Oakland	6	1	6	1	-	-	2	(D)
Ontonagon	2	(D)	2	(D)	-	-	-	-
Osceola	1	(D)	1	(D)	1	(D)	-	-
Otsego	-	-	-	-	-	-	2	(D)
Ottawa	13	8	13	8	-	-	-	-
Saginaw	1	(D)	1	(D)	-	-	-	-
St. Clair	11	(D)	11	(D)	-	-	5	3
Sanilac	4	1	4	1	-	-	1	(D)
Shiawassee	2	(D)	2	(D)	-	-	-	-
Tuscola	17	7	11	6	6	1	4	4
Van Buren	13	13	13	(D)	2	(D)	4	4
Washtenaw	30	10	30	10	-	-	8	(D)
Wayne	23	13	23	13	-	-	3	(Z)
LETTUCE, ALL								
State Total								
Michigan	495	1,027	495	1,027	(X)	(X)	172	927
Counties								
Alcona	2	(D)	2	(D)	(X)	(X)	2	(D)
Alger	14	4	14	4	(X)	(X)	3	1
Allegan	6	1	6	1	(X)	(X)	6	5
Antrim	11	4	11	4	(X)	(X)	4	1
Arenac	1	(D)	1	(D)	(X)	(X)	-	-
Barry	5	1	5	1	(X)	(X)	2	(D)
Bay	11	7	11	7	(X)	(X)	1	(D)
Benzie	4	(D)	4	(D)	(X)	(X)	-	-
Berrien	6	1	6	1	(X)	(X)	6	(D)
Calhoun	8	6	8	6	(X)	(X)	3	(D)
Cass	3	1	3	1	(X)	(X)	2	(D)
Charlevoix	8	1	8	1	(X)	(X)	-	-
Cheboygan	4	1	4	1	(X)	(X)	2	(D)
Chippewa	9	3	9	3	(X)	(X)	2	(D)
Clare	6	1	6	1	(X)	(X)	2	(D)
Clinton	5	1	5	1	(X)	(X)	1	(D)
Delta	3	(D)	3	(D)	(X)	(X)	1	(D)
Dickinson	2	(D)	2	(D)	(X)	(X)	1	(D)
Eaton	1	(D)	1	(D)	(X)	(X)	-	-
Emmet	18	12	18	12	(X)	(X)	7	8
Genesee	13	2	13	2	(X)	(X)	-	-
Gladwin	1	(D)	1	(D)	(X)	(X)	-	-
Gogebic	2	(D)	2	(D)	(X)	(X)	-	-
Grand Traverse	3	1	3	1	(X)	(X)	6	1
Gratiot	9	5	9	5	(X)	(X)	4	1
Hillsdale	3	(Z)	3	(Z)	(X)	(X)	1	(D)
Houghton	3	(D)	3	(D)	(X)	(X)	4	(Z)
Huron	2	(D)	2	(D)	(X)	(X)	-	-

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LETTUCE, ALL - Con.								
Counties - Con.								
Ingham.....	10	1	10	1	(X)	(X)	8	1
Ionia.....	3	(D)	3	(D)	(X)	(X)	3	1
Iosco.....	3	(Z)	3	(Z)	(X)	(X)	2	(D)
Iron.....	1	(D)	1	(D)	(X)	(X)	-	-
Isabella.....	1	(D)	1	(D)	(X)	(X)	-	-
Jackson.....	18	4	18	4	(X)	(X)	4	2
Kalamazoo.....	4	1	4	1	(X)	(X)	3	(Z)
Kalkaska.....	4	1	4	1	(X)	(X)	-	-
Kent.....	14	4	14	4	(X)	(X)	-	-
Lapeer.....	10	(D)	10	(D)	(X)	(X)	10	(D)
Leelanau.....	10	3	10	3	(X)	(X)	7	2
Lenawee.....	9	2	9	2	(X)	(X)	1	(D)
Livingston.....	10	2	10	2	(X)	(X)	4	1
Mackinac.....	2	(D)	2	(D)	(X)	(X)	1	(D)
Macomb.....	6	4	6	4	(X)	(X)	6	9
Manistee.....	7	4	7	4	(X)	(X)	2	2
Marquette.....	11	3	11	3	(X)	(X)	1	(D)
Mason.....	8	4	8	4	(X)	(X)	4	1
Mecosta.....	16	4	16	4	(X)	(X)	2	(D)
Menominee.....	1	(D)	1	(D)	(X)	(X)	1	(D)
Midland.....	5	1	5	1	(X)	(X)	2	(D)
Missaukee.....	8	2	8	2	(X)	(X)	-	-
Monroe.....	6	4	6	4	(X)	(X)	-	-
Montcalm.....	3	1	3	1	(X)	(X)	-	-
Montmorency.....	3	1	3	1	(X)	(X)	-	-
Muskegon.....	9	3	9	3	(X)	(X)	-	-
Newaygo.....	5	1	5	1	(X)	(X)	1	(D)
Oakland.....	12	3	12	3	(X)	(X)	5	1
Oceana.....	2	(D)	2	(D)	(X)	(X)	2	(D)
Ontonagon.....	2	(D)	2	(D)	(X)	(X)	-	-
Osceola.....	1	(D)	1	(D)	(X)	(X)	-	-
Oscoda.....	-	-	-	-	(X)	(X)	2	(D)
Otsego.....	1	(D)	1	(D)	(X)	(X)	2	(D)
Ottawa.....	11	(D)	11	(D)	(X)	(X)	5	(D)
Presque Isle.....	3	(D)	3	(D)	(X)	(X)	2	(D)
Roscommon.....	1	1	1	1	(X)	(X)	-	-
Saginaw.....	4	(Z)	4	(Z)	(X)	(X)	2	(D)
St. Clair.....	18	8	18	8	(X)	(X)	2	(D)
St. Joseph.....	1	(D)	1	(D)	(X)	(X)	-	-
Sanilac.....	6	2	6	2	(X)	(X)	2	(D)
Shiawassee.....	2	(D)	2	(D)	(X)	(X)	-	-
Tuscola.....	16	7	16	7	(X)	(X)	1	(D)
Van Buren.....	9	3	9	3	(X)	(X)	4	1
Washtenaw.....	39	13	39	13	(X)	(X)	11	6
Wayne.....	17	5	17	5	(X)	(X)	6	5
Wexford.....	-	-	-	-	(X)	(X)	4	2
LETTUCE, HEAD								
State Total								
Michigan.....	195	(D)	195	(D)	(X)	(X)	45	(D)
Counties								
Alcona.....	2	(D)	2	(D)	(X)	(X)	-	-
Alger.....	7	1	7	1	(X)	(X)	3	(Z)
Allegan.....	2	(D)	2	(D)	(X)	(X)	-	-
Antrim.....	9	1	9	1	(X)	(X)	-	-
Arenac.....	1	(D)	1	(D)	(X)	(X)	-	-
Barry.....	3	(D)	3	(D)	(X)	(X)	-	-
Benzie.....	2	(D)	2	(D)	(X)	(X)	-	-
Berrien.....	2	(D)	2	(D)	(X)	(X)	1	(D)
Calhoun.....	7	7	7	7	(X)	(X)	1	(D)
Cass.....	2	(D)	2	(D)	(X)	(X)	-	-
Cheboygan.....	-	-	-	-	(X)	(X)	2	(D)
Chippewa.....	3	(D)	3	(D)	(X)	(X)	2	(D)
Clare.....	-	-	-	-	(X)	(X)	2	(D)
Clinton.....	4	1	4	1	(X)	(X)	-	-
Dickinson.....	2	(D)	2	(D)	(X)	(X)	-	-
Emmet.....	4	3	4	3	(X)	(X)	1	(D)
Genesee.....	2	(D)	2	(D)	(X)	(X)	-	-
Gladwin.....	1	(D)	1	(D)	(X)	(X)	-	-
Grand Traverse.....	2	(D)	2	(D)	(X)	(X)	4	(D)
Gratiot.....	9	2	9	2	(X)	(X)	1	(D)
Hillsdale.....	3	(Z)	3	(Z)	(X)	(X)	-	-
Ingham.....	7	(D)	7	(D)	(X)	(X)	3	(Z)
Ionia.....	1	(D)	1	(D)	(X)	(X)	-	-
Iron.....	1	(D)	1	(D)	(X)	(X)	-	-
Isabella.....	1	(D)	1	(D)	(X)	(X)	-	-
Jackson.....	4	(Z)	4	(Z)	(X)	(X)	-	-
Kalamazoo.....	-	-	-	-	(X)	(X)	1	(D)
Kent.....	9	2	9	2	(X)	(X)	-	-
Lapeer.....	3	(D)	3	(D)	(X)	(X)	5	(D)
Leelanau.....	5	1	5	1	(X)	(X)	3	1
Lenawee.....	6	1	6	1	(X)	(X)	-	-
Livingston.....	1	(D)	1	(D)	(X)	(X)	2	(D)
Macomb.....	2	(D)	2	(D)	(X)	(X)	-	-
Marquette.....	7	1	7	1	(X)	(X)	-	-
Mason.....	2	(D)	2	(D)	(X)	(X)	-	-

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LETTUCE, HEAD - Con.								
Counties - Con.								
Mecosta	2	(D)	2	(D)	(X)	(X)	2	(D)
Menominee	-	-	-	-	(X)	(X)	1	(D)
Midland	3	(Z)	3	(Z)	(X)	(X)	-	-
Missaukee	4	(D)	4	(D)	(X)	(X)	-	-
Monroe	1	(D)	1	(D)	(X)	(X)	-	-
Muskegon	8	₁	8	₁	(X)	(X)	-	-
Newaygo	2	(D)	2	(D)	(X)	(X)	1	(D)
Oakland	3	(D)	3	(D)	(X)	(X)	-	-
Oceana	-	-	-	-	(X)	(X)	2	(D)
Ontonagon	2	(D)	2	(D)	(X)	(X)	-	-
Ottawa	6	₃	6	₃	(X)	(X)	2	(D)
Saginaw	1	(D)	1	(D)	(X)	(X)	-	-
St. Clair	8	₄	8	₄	(X)	(X)	1	(D)
Sanilac	2	(D)	2	(D)	(X)	(X)	-	-
Tuscola	12	₅	12	₅	(X)	(X)	-	-
Van Buren	3	(D)	3	(D)	(X)	(X)	-	-
Washtenaw	18	₄	18	₄	(X)	(X)	2	(D)
Wayne	4	(Z)	4	(Z)	(X)	(X)	1	(D)
Wexford	-	-	-	-	(X)	(X)	2	(D)
LETTUCE, LEAF								
State Total								
Michigan	392	199	392	199	(X)	(X)	127	395
Counties								
Alcona	-	-	-	-	(X)	(X)	2	(D)
Alger	12	₂	12	₂	(X)	(X)	3	(Z)
Allegan	6	(D)	6	(D)	(X)	(X)	4	(D)
Antrim	9	₂	9	₂	(X)	(X)	4	₁
Arenac	1	(D)	1	(D)	(X)	(X)	-	-
Barry	2	(D)	2	(D)	(X)	(X)	-	-
Bay	10	(D)	10	(D)	(X)	(X)	1	(D)
Benzie	2	(D)	2	(D)	(X)	(X)	-	-
Berrien	4	(D)	4	(D)	(X)	(X)	5	(D)
Calhoun	2	(D)	2	(D)	(X)	(X)	2	(D)
Cass	3	(D)	3	(D)	(X)	(X)	-	-
Charlevoix	7	₁	7	₁	(X)	(X)	-	-
Cheboygan	4	(D)	4	(D)	(X)	(X)	-	-
Chippewa	9	₂	9	₂	(X)	(X)	2	(D)
Clare	6	₁	6	₁	(X)	(X)	2	(D)
Clinton	3	(D)	3	(D)	(X)	(X)	1	(D)
Delta	1	(D)	1	(D)	(X)	(X)	1	(D)
Dickinson	2	(D)	2	(D)	(X)	(X)	1	(D)
Eaton	1	(D)	1	(D)	(X)	(X)	-	-
Emmet	15	₆	15	₆	(X)	(X)	7	(D)
Genesee	11	₂	11	₂	(X)	(X)	-	-
Gogebic	2	(D)	2	(D)	(X)	(X)	-	-
Grand Traverse	3	(D)	3	(D)	(X)	(X)	2	(D)
Gratiot	9	₂	9	₂	(X)	(X)	3	(D)
Hillsdale	-	-	-	-	(X)	(X)	1	(D)
Houghton	3	(D)	3	(D)	(X)	(X)	4	(Z)
Huron	2	(D)	2	(D)	(X)	(X)	-	-
Ingham	1	(D)	1	(D)	(X)	(X)	5	₁
Ionia	2	(D)	2	(D)	(X)	(X)	1	(D)
Iosco	3	(Z)	3	(Z)	(X)	(X)	2	(D)
Isabella	1	(D)	1	(D)	(X)	(X)	-	-
Jackson	12	₃	12	₃	(X)	(X)	3	(D)
Kalamazoo	4	(D)	4	(D)	(X)	(X)	2	(D)
Kalkaska	4	₁	4	₁	(X)	(X)	-	-
Kent	11	(D)	11	(D)	(X)	(X)	-	-
Lapeer	10	(D)	10	(D)	(X)	(X)	5	(D)
Leelanau	8	₁	8	₁	(X)	(X)	4	₁
Lenawee	8	₁	8	₁	(X)	(X)	1	(D)
Livingston	9	(D)	9	(D)	(X)	(X)	2	(D)
Mackinac	2	(D)	2	(D)	(X)	(X)	1	(D)
Macomb	4	(D)	4	(D)	(X)	(X)	6	(D)
Manistee	7	₄	7	₄	(X)	(X)	2	(D)
Marquette	9	₁	9	₁	(X)	(X)	1	(D)
Mason	8	(D)	8	(D)	(X)	(X)	4	₁
Mecosta	16	(D)	16	(D)	(X)	(X)	1	(D)
Menominee	1	(D)	1	(D)	(X)	(X)	-	-
Midland	3	(Z)	3	(Z)	(X)	(X)	2	(D)
Missaukee	6	₁	6	₁	(X)	(X)	-	-
Monroe	5	(D)	5	(D)	(X)	(X)	-	-
Montcalm	3	₁	3	₁	(X)	(X)	-	-
Montmorency	3	₁	3	₁	(X)	(X)	-	-
Muskegon	9	₁	9	₁	(X)	(X)	-	-
Newaygo	3	(D)	3	(D)	(X)	(X)	1	(D)
Oakland	12	₂	12	₂	(X)	(X)	5	₁
Oceana	2	(D)	2	(D)	(X)	(X)	-	-
Ontonagon	2	(D)	2	(D)	(X)	(X)	-	-
Osceola	1	(D)	1	(D)	(X)	(X)	-	-
Oscoda	-	-	-	-	(X)	(X)	2	(D)
Otsego	1	(D)	1	(D)	(X)	(X)	2	(D)
Ottawa	7	(D)	7	(D)	(X)	(X)	3	(D)
Presque Isle	2	(D)	2	(D)	(X)	(X)	-	-
Roscommon	1	(D)	1	(D)	(X)	(X)	-	-

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LETTUCE, LEAF - Con.								
Counties - Con.								
Saginaw	1	(D)	1	(D)	(X)	(X)	2	(D)
St. Clair	12	2	12	2	(X)	(X)	1	(D)
St. Joseph	1	(D)	1	(D)	(X)	(X)	-	-
Sanilac	6	(D)	6	(D)	(X)	(X)	2	(D)
Shiawassee.....	2	(D)	2	(D)	(X)	(X)	-	-
Tuscola	10	1	10	1	(X)	(X)	1	(D)
Van Buren	8	2	8	2	(X)	(X)	4	1
Washtenaw	27	7	27	7	(X)	(X)	9	(D)
Wayne.....	16	3	16	3	(X)	(X)	5	(D)
Wexford.....	-	-	-	-	(X)	(X)	3	1
LETTUCE, ROMAINE								
State Total								
Michigan.....	172	(D)	172	(D)	(X)	(X)	33	(D)
Counties								
Alger.....	7	1	7	1	(X)	(X)	3	(Z)
Allegan	-	-	-	-	(X)	(X)	2	(D)
Antrim	3	(Z)	3	(Z)	(X)	(X)	-	-
Arenac.....	1	(D)	1	(D)	(X)	(X)	-	-
Barry	-	-	-	-	(X)	(X)	2	(D)
Bay	1	(D)	1	(D)	(X)	(X)	1	(D)
Benzie	2	(D)	2	(D)	(X)	(X)	-	-
Calhoun.....	1	(D)	1	(D)	(X)	(X)	-	-
Cass.....	2	(D)	2	(D)	(X)	(X)	2	(D)
Charlevoix	3	(Z)	3	(Z)	(X)	(X)	-	-
Cheboygan.....	1	(D)	1	(D)	(X)	(X)	-	-
Chippewa	2	(D)	2	(D)	(X)	(X)	-	-
Clare	-	-	-	-	(X)	(X)	2	(D)
Clinton.....	2	(D)	2	(D)	(X)	(X)	-	-
Delta.....	2	(D)	2	(D)	(X)	(X)	-	-
Dickinson	2	(D)	2	(D)	(X)	(X)	-	-
Emmet.....	8	3	8	3	(X)	(X)	-	-
Genesee	4	(D)	4	(D)	(X)	(X)	-	-
Grand Traverse.....	2	(D)	2	(D)	(X)	(X)	-	-
Gratiot	9	2	9	2	(X)	(X)	-	-
Ingham.....	2	(D)	2	(D)	(X)	(X)	-	-
Ionia.....	2	(D)	2	(D)	(X)	(X)	3	(D)
Isabella.....	1	(D)	1	(D)	(X)	(X)	-	-
Jackson.....	4	(Z)	4	(Z)	(X)	(X)	1	(D)
Kalamazoo	1	(D)	1	(D)	(X)	(X)	-	-
Kent.....	2	(D)	2	(D)	(X)	(X)	-	-
Lapeer.....	3	(D)	3	(D)	(X)	(X)	8	(D)
Leelanau	7	1	7	1	(X)	(X)	-	-
Lenawee	6	1	6	1	(X)	(X)	-	-
Livingston.....	-	-	-	-	(X)	(X)	1	(D)
Macomb	3	(D)	3	(D)	(X)	(X)	1	(D)
Marquette	6	1	6	1	(X)	(X)	-	-
Mecosta	2	(D)	2	(D)	(X)	(X)	-	-
Midland	5	1	5	1	(X)	(X)	-	-
Missaukee	1	(D)	1	(D)	(X)	(X)	-	-
Monroe.....	2	(D)	2	(D)	(X)	(X)	-	-
Montmorency	3	1	3	1	(X)	(X)	-	-
Muskegon	7	1	7	1	(X)	(X)	-	-
Newaygo	2	(D)	2	(D)	(X)	(X)	1	(D)
Oakland.....	2	(D)	2	(D)	(X)	(X)	-	-
Ontonagon	2	(D)	2	(D)	(X)	(X)	-	-
Osceola.....	1	(D)	1	(D)	(X)	(X)	-	-
Otsego	-	-	-	-	(X)	(X)	2	(D)
Ottawa.....	4	(D)	4	(D)	(X)	(X)	1	(D)
Presque Isle.....	1	(D)	1	(D)	(X)	(X)	2	(D)
Saginaw	2	(D)	2	(D)	(X)	(X)	-	-
St. Clair	12	2	12	2	(X)	(X)	-	-
Sanilac	2	(D)	2	(D)	(X)	(X)	-	-
Tuscola	7	1	7	1	(X)	(X)	-	-
Van Buren	1	(D)	1	(D)	(X)	(X)	-	-
Washtenaw	18	2	18	2	(X)	(X)	-	-
Wayne.....	9	2	9	2	(X)	(X)	-	-
Wexford.....	-	-	-	-	(X)	(X)	1	(D)
MUSTARD GREENS								
State Total								
Michigan.....	128	103	123	102	6	1	22	95
Counties								
Alger.....	1	(D)	1	(D)	-	-	-	-
Allegan	3	1	3	1	-	-	-	-
Arenac.....	1	(D)	1	(D)	-	-	-	-
Bay	1	(D)	1	(D)	1	(D)	-	-
Benzie	2	(D)	2	(D)	-	-	-	-
Berrien.....	4	(Z)	4	(Z)	-	-	6	1
Cass.....	8	1	8	1	-	-	-	-
Clinton.....	1	(D)	1	(D)	-	-	1	(D)
Dickinson	2	(D)	2	(D)	-	-	-	-
Genesee	8	2	8	2	-	-	-	-
Grand Traverse.....	2	(D)	2	(D)	-	-	-	-

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
MUSTARD GREENS - Con.								
Counties - Con.								
Ingham.....	3	(Z)	3	(Z)	-	-	1	(D)
Iosco.....	3	(D)	-	-	3	(D)	-	-
Isabella.....	1	(D)	1	(D)	-	-	-	-
Jackson.....	1	(D)	1	(D)	-	-	1	(D)
Kalamazoo.....	1	(D)	1	(D)	-	-	-	-
Kalkaska.....	2	(D)	2	(D)	-	-	-	-
Kent.....	5	1	5	1	-	-	-	-
Lapeer.....	2	(D)	2	(D)	-	-	-	-
Leelanau.....	7	1	7	1	-	-	-	-
Lenawee.....	5	1	5	1	-	-	-	-
Livingston.....	8	(D)	8	(D)	-	-	1	(D)
Macomb.....	3	1	3	1	-	-	3	(D)
Marquette.....	4	(Z)	4	(Z)	-	-	-	-
Mecosta.....	7	1	7	1	-	-	-	-
Menominee.....	1	(D)	1	(D)	-	-	-	-
Midland.....	3	(Z)	3	(Z)	-	-	-	-
Missaukee.....	2	(D)	-	-	2	(D)	-	-
Monroe.....	4	(D)	4	(D)	-	-	1	(D)
Montcalm.....	1	(D)	1	(D)	-	-	-	-
Oakland.....	-	-	-	-	-	-	2	(D)
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Ottawa.....	4	1	4	1	-	-	-	-
St. Clair.....	7	1	7	1	-	-	3	1
Van Buren.....	2	(D)	2	(D)	-	-	-	-
Washtenaw.....	11	1	11	1	-	-	1	(D)
Wayne.....	6	1	6	1	-	-	2	(D)
OKRA								
State Total								
Michigan.....	76	25	76	23	3	2	22	9
Counties								
Allegan.....	2	(D)	2	(D)	-	-	1	(D)
Barry.....	-	-	-	-	-	-	1	(D)
Bay.....	1	(D)	1	(D)	-	-	-	-
Berrien.....	6	6	6	5	3	2	3	1
Calhoun.....	1	(D)	1	(D)	-	-	1	(D)
Cass.....	6	1	6	1	-	-	-	-
Clinton.....	1	(D)	1	(D)	-	-	-	-
Delta.....	2	(D)	2	(D)	-	-	-	-
Eaton.....	1	(D)	1	(D)	-	-	-	-
Genesee.....	10	2	10	2	-	-	2	(D)
Ingham.....	6	1	6	1	-	-	-	-
Kalamazoo.....	2	(D)	2	(D)	-	-	-	-
Lapeer.....	-	-	-	-	-	-	1	(D)
Lenawee.....	1	(D)	1	(D)	-	-	-	-
Livingston.....	2	(D)	2	(D)	-	-	-	-
Macomb.....	-	-	-	-	-	-	1	(D)
Mecosta.....	2	(D)	2	(D)	-	-	-	-
Monroe.....	6	4	6	4	-	-	2	(D)
Muskegon.....	2	(D)	2	(D)	-	-	1	(D)
Ottawa.....	3	(Z)	3	(Z)	-	-	2	(D)
Saginaw.....	1	(D)	1	(D)	-	-	-	-
St. Clair.....	1	(D)	1	(D)	-	-	1	(D)
Shiawassee.....	1	(D)	1	(D)	-	-	-	-
Tuscola.....	2	(D)	2	(D)	-	-	-	-
Van Buren.....	1	(D)	1	(D)	-	-	2	(D)
Washtenaw.....	10	2	10	2	-	-	3	-
Wayne.....	6	2	6	2	-	-	3	2
Wexford.....	-	-	-	-	-	-	1	(D)
ONIONS, DRY								
State Total								
Michigan.....	447	2,495	424	2,490	29	5	172	3,209
Counties								
Alcona.....	2	(D)	2	(D)	-	-	2	(D)
Alger.....	9	2	5	2	4	(Z)	5	1
Allegan.....	6	199	6	199	-	-	4	227
Alpena.....	9	1	9	1	-	-	-	-
Antrim.....	11	3	11	3	-	-	1	(D)
Arenac.....	2	(D)	2	(D)	-	-	-	-
Barry.....	5	2	5	2	-	-	1	(D)
Bay.....	11	27	11	(D)	1	(D)	4	16
Benzie.....	4	(Z)	4	(Z)	-	-	-	-
Berrien.....	11	3	7	2	4	1	5	4
Calhoun.....	13	70	11	(D)	2	(D)	4	(D)
Cass.....	8	1	8	1	-	-	4	1
Charlevoix.....	8	2	5	1	3	1	1	(D)
Cheboygan.....	2	(D)	2	(D)	-	-	-	-
Chippewa.....	4	(Z)	4	(Z)	-	-	-	-
Clare.....	2	(D)	2	(D)	-	-	-	-
Clinton.....	4	(D)	4	(D)	-	-	4	(D)
Crawford.....	-	-	-	-	-	-	1	(D)
Dickinson.....	-	-	-	-	-	-	1	(D)
Eaton.....	3	(Z)	3	(Z)	-	-	4	530

--continued

Table 29. **Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012** (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
ONIONS, DRY - Con.								
Counties - Con.								
Emmet.....	7	3	7	3	-	-	2	(D)
Genesee.....	7	1	7	1	-	-	-	-
Gladwin.....	4	2	4	2	-	-	3	(Z)
Gogebic.....	1	(D)	1	(D)	-	-	-	-
Grand Traverse.....	3	1	3	1	-	-	4	1
Gratiot.....	10	4	10	4	-	-	1	(D)
Hillsdale.....	1	(D)	1	(D)	-	-	2	(D)
Houghton.....	4	(D)	4	(D)	-	-	1	(D)
Huron.....	-	-	-	-	-	-	1	(D)
Ingham.....	7	3	7	3	-	-	4	(D)
Ionia.....	4	(D)	4	(D)	-	-	4	246
Iron.....	1	(D)	1	(D)	-	-	-	-
Isabella.....	6	4	6	4	-	-	2	(D)
Jackson.....	10	2	10	2	-	-	-	-
Kalamazoo.....	2	(D)	2	(D)	-	-	-	-
Kalkaska.....	2	(D)	2	(D)	-	-	1	(D)
Kent.....	16	(D)	16	(D)	-	-	5	88
Lapeer.....	14	145	14	145	-	-	9	327
Leelanau.....	23	6	23	6	-	-	2	(D)
Lenawee.....	5	1	3	(D)	2	(D)	3	(Z)
Livingston.....	4	(Z)	4	(Z)	-	-	2	(D)
Mackinac.....	-	-	-	-	-	-	1	(D)
Macomb.....	10	8	10	8	-	-	6	15
Manistee.....	-	-	-	-	-	-	1	(D)
Marquette.....	8	2	6	(D)	2	(D)	-	-
Mason.....	5	1	5	1	-	-	-	-
Mecosta.....	15	3	15	3	-	-	7	2
Menominee.....	5	2	5	1	3	1	2	(D)
Midland.....	9	1	9	1	-	-	1	(D)
Missaukee.....	5	1	3	(D)	2	(D)	-	-
Monroe.....	7	4	7	4	-	-	1	(D)
Montcalm.....	5	(D)	5	(D)	-	-	2	(D)
Muskegon.....	5	(D)	5	(D)	-	-	2	(D)
Newaygo.....	12	1,071	12	1,071	-	-	6	877
Oakland.....	6	1	6	1	-	-	-	-
Oceana.....	2	(D)	2	(D)	-	-	2	(D)
Ogemaw.....	2	(D)	2	(D)	-	-	-	-
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Osceola.....	1	(D)	1	(D)	1	(D)	3	1
Otsego.....	-	-	-	-	-	-	2	(D)
Ottawa.....	12	437	12	437	-	-	13	355
Presque Isle.....	1	(D)	1	(D)	-	-	3	1
Saginaw.....	2	(D)	2	(D)	-	-	2	(D)
St. Clair.....	16	6	12	6	4	(Z)	-	-
St. Joseph.....	3	1	3	1	-	-	7	4
Sanilac.....	9	10	9	10	-	-	4	6
Schoolcraft.....	-	-	-	-	-	-	1	(D)
Shiawassee.....	4	2	4	2	-	-	-	-
Tuscola.....	12	7	12	(D)	1	(D)	6	4
Van Buren.....	5	2	5	2	-	-	4	(D)
Washtenaw.....	32	19	32	19	-	-	7	6
Wayne.....	7	4	7	4	-	-	2	(D)
ONIONS, GREEN								
State Total								
Michigan.....	290	60	270	57	24	3	62	18
Counties								
Alcona.....	-	-	-	-	-	-	4	1
Alger.....	9	1	5	1	4	(Z)	3	(Z)
Allegan.....	4	2	4	2	-	-	-	-
Alpena.....	3	1	3	1	-	-	-	-
Antrim.....	8	1	8	1	-	-	1	(D)
Arenac.....	1	(D)	1	(D)	-	-	-	-
Barry.....	2	(D)	2	(D)	-	-	1	(D)
Bay.....	6	1	6	1	-	-	-	-
Benzie.....	2	(D)	2	(D)	-	-	3	1
Berrien.....	8	4	5	4	3	(Z)	1	(D)
Calhoun.....	6	3	6	3	-	-	-	-
Cass.....	2	(D)	2	(D)	-	-	1	(D)
Charlevoix.....	1	(D)	1	(D)	-	-	-	-
Cheboygan.....	2	(D)	2	(D)	-	-	2	(D)
Chippewa.....	3	1	3	1	-	-	2	(D)
Clare.....	6	1	6	1	-	-	2	(D)
Clinton.....	4	1	4	1	-	-	-	-
Delta.....	3	(Z)	3	(Z)	-	-	2	(D)
Eaton.....	1	(D)	1	(D)	-	-	-	-
Emmet.....	3	(D)	2	(D)	1	(D)	2	(D)
Genesee.....	4	1	4	(Z)	4	(Z)	-	-
Gogebic.....	1	(D)	1	(D)	-	-	-	-
Grand Traverse.....	2	(D)	2	(D)	-	-	2	(D)
Gratiot.....	9	1	9	1	-	-	-	-
Houghton.....	3	(D)	3	(D)	-	-	-	-
Ingham.....	4	1	3	(D)	1	(D)	-	-
Ionia.....	11	1	11	1	-	-	1	(D)
Iosco.....	3	(Z)	-	-	3	(Z)	-	-
Iron.....	2	(D)	2	(D)	-	-	-	-

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
ONIONS, GREEN - Con.								
Counties - Con.								
Isabella	2	(D)	2	(D)	-	-	-	-
Jackson	8	3	8	3	-	-	1	(D)
Kalamazoo	2	(D)	2	(D)	-	-	-	-
Kalkaska	2	(D)	2	(D)	-	-	-	-
Kent	3	(Z)	3	(Z)	-	-	-	-
Lapeer	7	1	7	1	-	-	-	-
Leelanau	5	1	5	1	-	-	1	(D)
Lenawee	7	1	5	(D)	2	(D)	2	(D)
Livingston	2	(D)	2	(D)	-	-	1	(D)
Mackinac	1	(D)	1	(D)	-	-	-	-
Macomb	4	3	4	3	-	-	1	(D)
Marquette	3	(Z)	3	(Z)	-	-	-	-
Mason	6	1	6	1	-	-	-	-
Mecosta	11	3	11	3	-	-	3	1
Menominee	-	-	-	-	-	-	1	(D)
Midland	3	(Z)	3	(Z)	-	-	-	-
Missaukee	-	-	-	-	-	-	2	(D)
Monroe	2	(D)	2	(D)	-	-	2	(D)
Montcalm	3	(Z)	3	(Z)	-	-	-	-
Montmorency	3	1	3	1	-	-	-	-
Muskegon	6	1	6	1	-	-	-	-
Newaygo	6	1	6	1	-	-	-	-
Oakland	4	(Z)	4	(Z)	-	-	2	(D)
Oceana	2	(D)	2	(D)	-	-	1	(D)
Ogemaw	2	(D)	2	(D)	-	-	-	-
Ontonagon	2	(D)	2	(D)	-	-	-	-
Osceola	-	-	-	-	-	-	1	(D)
Otsego	1	(D)	1	(D)	-	-	2	(D)
Ottawa	6	2	6	2	-	-	2	(D)
Presque Isle	1	(D)	1	(D)	-	-	1	(D)
Saginaw	4	(Z)	4	(Z)	-	-	-	-
St. Clair	7	1	7	1	-	-	-	-
St. Joseph	-	-	-	-	-	-	5	1
Sanilac	10	3	10	3	-	-	3	2
Shiawassee	4	1	4	1	-	-	-	-
Tuscola	11	3	5	2	6	1	-	-
Van Buren	4	1	4	1	-	-	2	(D)
Washtenaw	13	1	13	1	-	-	2	(D)
Wayne	20	6	20	6	-	-	-	-
PARSLEY								
State Total								
Michigan	123	102	115	101	8	1	20	112
Counties								
Alger	3	(D)	3	(D)	-	-	3	(Z)
Alligan	3	(Z)	-	-	3	(Z)	-	-
Arenac	1	(D)	1	(D)	-	-	-	-
Berrien	5	(D)	2	(D)	3	(D)	1	(D)
Calhoun	3	(Z)	3	(Z)	-	-	-	-
Cass	1	(D)	1	(D)	-	-	-	-
Clinton	2	(D)	2	(D)	-	-	-	-
Delta	2	(D)	2	(D)	-	-	-	-
Dickinson	2	(D)	2	(D)	-	-	-	-
Grand Traverse	2	(D)	2	(D)	-	-	-	-
Gratiot	9	1	9	1	-	-	-	-
Hillsdale	-	-	-	-	-	-	1	(D)
Houghton	-	-	-	-	-	-	1	(D)
Ingham	4	(Z)	4	(Z)	-	-	-	-
Ionia	1	(D)	1	(D)	-	-	-	-
Isabella	1	(D)	1	(D)	-	-	-	-
Jackson	2	(D)	2	(D)	-	-	-	-
Kalamazoo	3	(Z)	3	(Z)	-	-	-	-
Kalkaska	2	(D)	2	(D)	-	-	-	-
Kent	3	(Z)	3	(Z)	-	-	-	-
Lapeer	3	(D)	3	(D)	-	-	1	(D)
Leelanau	5	1	5	1	-	-	2	(D)
Lenawee	-	-	-	-	-	-	1	(D)
Livingston	3	(D)	3	(D)	-	-	1	(D)
Macomb	1	(D)	1	(D)	-	-	2	(D)
Manistee	5	1	5	1	-	-	-	-
Marquette	5	1	3	(D)	2	(D)	-	-
Mason	2	(D)	2	(D)	-	-	-	-
Mecosta	4	1	4	1	-	-	-	-
Midland	3	(Z)	3	(Z)	-	-	-	-
Monroe	-	-	-	-	-	-	1	(D)
Montmorency	3	1	3	1	-	-	-	-
Muskegon	1	(D)	1	(D)	-	-	-	-
Oceana	1	(D)	1	(D)	-	-	-	-
Ogemaw	2	(D)	2	(D)	-	-	-	-
Ottawa	4	1	4	1	-	-	-	-
Presque Isle	1	(D)	1	(D)	-	-	-	-
St. Clair	9	2	9	2	-	-	5	1
Shiawassee	1	(D)	1	(D)	-	-	-	-
Tuscola	3	(Z)	3	(Z)	-	-	-	-
Van Buren	3	(Z)	3	(Z)	-	-	-	-

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
PARSLEY - Con.								
Counties - Con.								
Washtenaw	6	1	6	1	-	-	1	(D)
Wayne	9	1	9	1	-	-	-	-
PEAS, CHINESE (SUGAR AND SNOW)								
State Total								
Michigan	165	(D)	152	31	13	(D)	54	14
Counties								
Alger	4	(Z)	-	-	4	(Z)	3	(Z)
Allegan	4	(Z)	4	(Z)	-	-	-	-
Barry	2	(D)	2	(D)	-	-	-	-
Bay	1	(D)	1	(D)	-	-	3	2
Berrien	5	(D) 3	5	(D) 3	-	-	2	(D)
Calhoun	3	(D)	3	(D)	-	-	1	(D)
Cass	4	(D)	3	(D) 1	1	(D)	-	-
Charlevoix	2	(D)	2	(D)	-	-	-	-
Cheboygan	4	(Z)	4	(Z)	-	-	1	(D)
Chippewa	2	(D)	2	(D)	-	-	3	(Z)
Clare	2	(D)	2	(D)	-	-	2	(D)
Clinton	3	1	3	1	-	-	-	-
Eaton	-	-	-	-	-	-	1	(D)
Emmet	5	2	5	2	-	-	2	(D)
Genesee	2	(D)	2	(D)	-	-	1	(D)
Gladwin	1	(D)	1	(D)	-	-	-	-
Gogebic	1	(D)	1	(D)	-	-	-	-
Grand Traverse	2	(D)	2	(D)	-	-	2	(D)
Gratiot	-	-	-	-	-	-	2	(D)
Houghton	6	2	6	2	-	-	3	(Z)
Ingham	4	(Z)	4	(Z)	-	-	-	-
Ionia	1	(D)	1	(D)	-	-	-	-
Iosco	3	(Z)	-	-	3	(Z)	-	-
Iron	1	(D)	1	(D)	-	-	-	-
Isabella	3	2	3	2	-	-	-	-
Jackson	11	1	9	(D)	2	(D)	1	(D)
Kent	1	(D)	1	(D)	-	-	3	(Z)
Leelanau	6	1	6	1	-	-	3	1
Lenawee	2	(D)	2	(D)	-	-	1	(D)
Livingston	6	1	6	1	-	-	-	-
Mackinac	1	(D)	-	-	1	(D)	1	(D)
Macomb	3	1	3	1	-	-	2	(D)
Marquette	6	1	6	1	-	-	2	(D)
Mecosta	7	1	7	1	-	-	-	-
Midland	3	(Z)	3	(Z)	-	-	2	(D)
Missaukee	2	(D)	-	-	2	(D)	-	-
Montmorency	3	1	3	1	-	-	-	-
Muskegon	5	1	5	1	-	-	-	-
Oceana	-	-	-	-	-	-	1	(D)
Ontonagon	2	(D)	2	(D)	-	-	-	-
Otsego	1	(D)	1	(D)	-	-	-	-
Ottawa	8	5	8	5	-	-	-	-
St. Clair	7	1	7	1	-	-	3	1
St. Joseph	1	(D)	1	(D)	-	-	6	2
Sanilac	2	(D)	2	(D)	-	-	-	-
Shiawassee	1	(D)	1	(D)	-	-	-	-
Tuscola	3	(Z)	3	(Z)	-	-	2	(D)
Washtenaw	11	2	11	2	-	-	1	(D)
Wayne	8	2	8	2	-	-	-	-
PEAS, GREEN (SEE TEXT)								
State Total								
Michigan	239	3,072	208	64	33	3,008	74	3,698
Counties								
Alcona	2	(D)	2	(D)	-	-	2	(D)
Alger	8	1	4	(Z)	4	(Z)	-	-
Allegan	2	(D)	2	(D)	-	-	-	-
Antrim	10	1	10	1	-	-	2	(D)
Baraga	4	1	4	1	-	-	-	-
Barry	5	1	5	1	-	-	-	-
Bay	1	(D)	1	(D)	-	-	6	3
Benzie	2	(D)	2	(D)	-	-	-	-
Berrien	5	1	2	(D)	3	(D)	5	610
Calhoun	-	-	-	-	-	-	1	(D)
Cass	1	(D)	-	-	1	(D)	1	(D)
Charlevoix	2	(D)	2	(D)	-	-	-	-
Cheboygan	1	(D)	1	(D)	-	-	-	-
Chippewa	2	(D)	2	(D)	-	-	-	-
Clare	-	-	-	-	-	-	2	(D)
Clinton	1	(D)	1	(D)	-	-	-	-
Delta	2	(D)	2	(D)	-	-	-	-
Dickinson	2	(D)	2	(D)	-	-	1	(D)
Eaton	1	(D)	1	(D)	-	-	-	-
Emmet	12	4	8	4	4	(Z)	1	(D)
Genesee	4	1	4	1	-	-	3	1
Gladwin	-	-	-	-	-	-	2	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
PEAS, GREEN (SEE TEXT) - Con.								
Counties - Con.								
Gogebic	1	(D)	1	(D)	-	-	-	-
Grand Traverse.....	2	(D)	2	(D)	-	-	-	-
Gratiot.....	4	(D)	1	(D)	3	(D)	2	(D)
Houghton.....	-	-	-	-	-	-	1	(D)
Huron.....	-	-	-	-	-	-	1	(D)
Ingham.....	3	(Z)	3	(Z)	-	-	-	-
Ionia.....	6	1	6	1	-	-	1	(D)
Iosco.....	3	(Z)	-	-	3	(Z)	-	-
Iron.....	1	(D)	1	(D)	-	-	-	-
Isabella.....	3	3	3	3	-	-	-	-
Jackson.....	5	1	5	1	-	-	-	-
Kalamazoo.....	1	(D)	1	(D)	-	-	-	-
Kalkaska.....	2	(D)	2	(D)	-	-	-	-
Kent.....	8	2	8	2	-	-	2	(D)
Lake.....	1	(D)	1	(D)	-	-	-	-
Lapeer.....	10	1	9	(D)	1	(D)	2	(D)
Leelanau.....	5	1	5	1	-	-	4	1
Lenawee.....	8	2	6	1	4	1	-	-
Livingston.....	-	-	-	-	-	-	5	1
Macomb.....	3	1	3	1	-	-	4	1
Manistee.....	5	1	5	1	-	-	-	-
Marquette.....	5	1	3	(D)	2	(D)	-	-
Mason.....	3	1	3	1	-	-	-	-
Mecosta.....	3	(Z)	3	(Z)	-	-	2	(D)
Menominee.....	1	(D)	1	(D)	-	-	-	-
Missaukee.....	2	(D)	-	-	2	(D)	-	-
Monroe.....	5	2	5	2	-	-	-	-
Montcalm.....	4	1,521	-	-	4	1,521	4	1,958
Muskegon.....	5	1	5	1	-	-	-	-
Newaygo.....	5	(D)	3	(D)	2	(D)	2	(D)
Oakland.....	3	1	3	1	-	-	-	-
Otsego.....	-	-	-	-	-	-	2	(D)
Ottawa.....	5	1	5	1	-	-	-	-
Presque Isle.....	-	-	-	-	-	-	2	(D)
Saginaw.....	4	(Z)	4	(Z)	-	-	3	1
St. Clair.....	8	2	8	2	-	-	-	-
St. Joseph.....	1	(D)	1	(D)	-	-	1	(D)
Sanilac.....	4	(Z)	4	(Z)	-	-	-	-
Shiawassee.....	7	1	7	1	-	-	-	-
Tuscola.....	5	2	5	2	-	-	2	(D)
Van Buren.....	4	2	4	2	-	-	1	(D)
Washtenaw.....	16	14	16	14	-	-	-	-
Wayne.....	10	4	10	4	-	-	6	7
Wexford.....	1	(D)	1	(D)	-	-	1	(D)
PEAS, SOUTHERN (COWPEAS) - BLACKEYED, CROWDER, ETC. (SEE TEXT)								
State Total								
Michigan.....	13	11	13	(D)	1	(D)	2	(D)
Counties								
Bay.....	1	(D)	1	(D)	1	(D)	-	-
Berrien.....	2	(D)	2	(D)	-	-	-	-
Clinton.....	1	(D)	1	(D)	-	-	-	-
Genesee.....	2	(D)	2	(D)	-	-	-	-
Ingham.....	3	(Z)	3	(Z)	-	-	-	-
Monroe.....	1	(D)	1	(D)	-	-	-	-
Ogemaw.....	-	-	-	-	-	-	1	(D)
Washtenaw.....	2	(D)	2	(D)	-	-	-	-
Wayne.....	1	(D)	1	(D)	-	-	1	(D)
PEPPERS, BELL (EXCLUDING PIMIENTOS)								
State Total								
Michigan.....	808	1,876	768	1,853	71	24	925	1,724
Counties								
Alcona.....	4	1	4	1	-	-	2	(D)
Alger.....	14	2	10	1	8	1	-	-
Allegan.....	9	(D)	6	(D)	3	(Z)	23	65
Alpena.....	1	(D)	1	(D)	-	-	3	1
Antrim.....	16	2	16	2	-	-	11	2
Arenac.....	3	(Z)	3	(Z)	-	-	5	6
Barry.....	9	1	9	1	-	-	6	1
Bay.....	19	19	19	(D)	1	(D)	19	20
Benzie.....	5	1	5	1	-	-	7	3
Berrien.....	38	508	35	507	3	(Z)	60	233
Branch.....	2	(D)	2	(D)	-	-	8	22
Calhoun.....	17	7	15	(D)	2	(D)	15	9
Cass.....	14	3	14	3	-	-	9	12
Charlevoix.....	9	2	7	(D)	2	(D)	10	2
Cheboygan.....	4	1	4	1	-	-	8	1
Chippewa.....	3	1	3	1	-	-	7	1
Clare.....	2	(D)	2	(D)	-	-	7	2
Clinton.....	10	3	10	3	-	-	16	9
Crawford.....	-	-	-	-	-	-	2	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
PEPPERS, BELL (EXCLUDING PIMENTOS) - Con.								
Counties - Con.								
Delta.....	2	(D)	2	(D)	-	-	3	4
Dickinson.....	2	(D)	2	(D)	-	-	1	(D)
Eaton.....	4	1	4	1	-	-	4	(Z)
Emmet.....	10	15	7	15	3	(Z)	9	13
Genesee.....	21	3	21	3	4	(Z)	18	28
Gladwin.....	3	1	3	1	-	-	5	1
Gogebic.....	-	-	-	-	-	-	1	(D)
Grand Traverse.....	7	1	7	1	-	-	8	3
Gratiot.....	11	2	11	2	-	-	7	1
Hillsdale.....	13	1	13	1	-	-	5	2
Houghton.....	5	1	5	1	-	-	3	(Z)
Huron.....	1	(D)	1	(D)	-	-	2	(D)
Ingham.....	11	6	10	(D)	1	(D)	22	7
Ionia.....	11	5	11	5	4	(Z)	10	6
Iosco.....	2	(D)	2	(D)	-	-	2	(D)
Iron.....	-	-	-	-	-	-	1	(D)
Isabella.....	10	15	10	(D)	5	(D)	4	2
Jackson.....	23	8	21	(D)	2	(D)	19	14
Kalamazoo.....	10	2	10	2	-	-	14	5
Kalkaska.....	4	(Z)	4	(Z)	-	-	1	(D)
Kent.....	37	59	37	59	-	-	31	49
Lake.....	-	-	-	-	-	-	6	2
Lapeer.....	29	31	28	(D)	1	(D)	18	22
Leelanau.....	8	1	8	1	-	-	9	2
Lenawee.....	17	(D)	15	(D)	4	(Z)	17	29
Livingston.....	9	4	9	4	-	-	23	10
Mackinac.....	-	-	-	-	-	-	1	(D)
Macomb.....	30	66	30	62	5	4	42	84
Manistee.....	2	(D)	2	(D)	-	-	6	2
Marquette.....	13	2	9	1	4	(Z)	3	1
Mason.....	10	2	10	2	-	-	11	7
Mecosta.....	22	7	22	7	-	-	20	4
Menominee.....	1	(D)	1	(D)	-	-	1	(D)
Midland.....	13	2	13	2	-	-	11	2
Missaukee.....	5	1	3	(D)	2	(D)	5	2
Monroe.....	20	129	19	(D)	1	(D)	32	86
Montcalm.....	4	1	4	1	-	-	17	5
Montmorency.....	3	1	3	1	-	-	-	-
Muskegon.....	18	3	18	3	-	-	7	2
Newaygo.....	8	1	8	1	-	-	9	2
Oakland.....	16	3	16	3	-	-	20	5
Oceana.....	6	15	6	15	-	-	8	54
Ogemaw.....	2	(D)	2	(D)	-	-	2	(D)
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Osceola.....	-	-	-	-	-	-	11	4
Oscoda.....	-	-	-	-	-	-	2	(D)
Otsego.....	1	(D)	1	(D)	-	-	4	1
Ottawa.....	17	(D)	17	(D)	-	-	38	119
Presque Isle.....	1	(D)	1	(D)	-	-	6	1
Roscommon.....	-	-	-	-	-	-	1	(D)
Saginaw.....	7	1	7	1	-	-	8	4
St. Clair.....	29	35	25	34	6	1	22	10
St. Joseph.....	3	(Z)	3	(Z)	-	-	8	21
Sanilac.....	26	14	26	14	-	-	18	13
Shiawassee.....	7	2	7	2	-	-	9	3
Tuscola.....	21	17	15	17	6	1	19	13
Van Buren.....	19	612	19	612	-	-	37	639
Washtenaw.....	48	27	48	19	4	8	46	28
Wayne.....	25	17	25	17	-	-	30	18
Wexford.....	-	-	-	-	-	-	10	2
PEPPERS, OTHER THAN BELL (INCLUDING CHILE)								
State Total								
Michigan.....	485	902	436	588	56	314	587	1,197
Counties								
Alcona.....	-	-	-	-	-	-	5	2
Alger.....	9	1	5	1	4	(Z)	2	(D)
Allegan.....	11	35	7	(D)	4	(D)	10	3
Alpena.....	1	(D)	1	(D)	-	-	2	(D)
Antrim.....	-	-	-	-	-	-	5	1
Arenac.....	1	(D)	1	(D)	-	-	1	(D)
Barry.....	4	1	4	1	-	-	3	1
Bay.....	4	2	4	2	-	-	13	8
Benzie.....	5	1	4	(D)	1	(D)	8	4
Berrien.....	26	199	23	199	3	(Z)	40	172
Branch.....	-	-	-	-	-	-	2	(D)
Calhoun.....	16	15	12	(D)	4	(D)	16	4
Cass.....	12	(D)	11	(D)	1	(D)	9	6
Charlevoix.....	4	(Z)	4	(Z)	-	-	6	2
Cheboygan.....	3	(Z)	3	(Z)	-	-	3	(Z)
Chippewa.....	3	1	3	1	-	-	7	1
Clinton.....	6	3	6	3	-	-	12	7
Delta.....	2	(D)	2	(D)	-	-	2	(D)
Dickinson.....	2	(D)	2	(D)	-	-	-	-
Eaton.....	2	(D)	2	(D)	-	-	1	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
PEPPERS, OTHER THAN BELL (INCLUDING CHILE) - Con.								
Counties - Con.								
Emmet.....	9	12	6	11	3	(Z)	7	11
Genesee.....	14	2	14	2	-	-	11	6
Gladwin.....	-	-	-	-	-	-	2	(D)
Grand Traverse.....	4	(Z)	4	(Z)	-	-	9	3
Gratiot.....	9	1	9	1	-	-	4	(Z)
Hillsdale.....	6	1	6	1	-	-	3	1
Houghton.....	3	(Z)	3	(Z)	-	-	4	(Z)
Huron.....	-	-	-	-	-	-	1	(D)
Ingham.....	12	4	7	3	5	1	17	6
Ionia.....	10	3	10	3	-	-	4	1
Iosco.....	3	(Z)	-	-	3	(Z)	2	(D)
Isabella.....	2	(D)	2	(D)	-	-	2	(D)
Jackson.....	8	1	8	1	-	-	6	5
Kalamazoo.....	3	(Z)	3	(Z)	-	-	14	2
Kalkaska.....	2	(D)	2	(D)	-	-	1	(D)
Kent.....	11	18	11	18	-	-	18	41
Lake.....	3	(D)	-	-	3	(D)	2	(D)
Lapeer.....	21	15	20	(D)	1	(D)	12	7
Leelanau.....	6	1	6	1	-	-	5	1
Lenawee.....	13	257	10	(D)	5	(D)	10	(D)
Livingston.....	7	2	7	2	-	-	16	3
Macomb.....	15	21	15	21	-	-	31	39
Manistee.....	-	-	-	-	-	-	4	1
Marquette.....	10	1	6	1	4	(Z)	7	2
Mason.....	7	1	7	1	4	(Z)	6	8
Mecosta.....	4	1	4	1	-	-	7	2
Menominee.....	2	(D)	2	(D)	-	-	-	-
Midland.....	9	1	9	1	-	-	4	1
Missaukee.....	4	(D)	2	(D)	2	(D)	5	2
Monroe.....	16	58	16	58	-	-	19	211
Montcalm.....	-	-	-	-	-	-	7	1
Montmorency.....	2	(D)	2	(D)	-	-	-	-
Muskegon.....	14	12	14	12	-	-	6	(D)
Newaygo.....	12	3	12	3	-	-	4	1
Oakland.....	7	5	7	5	-	-	12	2
Oceana.....	2	(D)	2	(D)	-	-	7	23
Ogemaw.....	2	(D)	-	-	2	(D)	2	(D)
Ontonagon.....	2	(D)	2	(D)	-	-	3	(Z)
Osceola.....	2	(D)	2	(D)	-	-	10	3
Otsego.....	1	(D)	1	(D)	-	-	2	(D)
Ottawa.....	9	1	9	1	-	-	21	22
Presque Isle.....	1	(D)	1	(D)	-	-	3	(Z)
Roscommon.....	-	-	-	-	-	-	1	(D)
Saginaw.....	8	3	8	3	-	-	3	(Z)
St. Clair.....	13	4	13	4	-	-	14	5
St. Joseph.....	3	2	3	2	-	-	7	9
Sanilac.....	11	3	11	3	-	-	11	2
Shiawassee.....	4	1	4	1	-	-	7	3
Tuscola.....	14	7	8	6	7	1	7	4
Van Buren.....	7	(D)	7	(D)	-	-	26	93
Washtenaw.....	24	4	24	4	-	-	31	13
Wayne.....	21	6	21	6	-	-	19	22
Wexford.....	2	(D)	2	(D)	-	-	4	1
POTATOES								
State Total								
Michigan.....	761	50,511	695	10,064	107	40,447	934	46,662
Counties								
Alcona.....	-	-	-	-	-	-	7	3
Alger.....	13	8	9	7	5	1	9	10
Allegan.....	12	(D)	6	(D)	8	(D)	14	(D)
Alpena.....	13	(D)	13	(D)	2	(D)	8	3
Antrim.....	23	(D)	19	(D)	4	(D)	16	(D)
Arenac.....	1	(D)	1	(D)	-	-	1	(D)
Baraga.....	5	1	5	1	-	-	-	-
Barry.....	8	2	8	2	-	-	15	15
Bay.....	15	1,470	13	(D)	3	(D)	17	2,543
Benzie.....	6	2	6	2	-	-	9	6
Berrien.....	23	65	20	61	5	4	33	51
Branch.....	3	(D)	-	-	3	(D)	13	(D)
Calhoun.....	6	4	6	4	-	-	16	12
Cass.....	9	1,961	7	(D)	3	(D)	10	5
Charlevoix.....	16	30	14	(D)	2	(D)	15	18
Cheboygan.....	7	2	7	2	-	-	13	12
Chippewa.....	9	4	9	4	-	-	10	2
Clare.....	6	1	6	1	-	-	10	2
Clinton.....	8	(D)	7	3	1	(D)	11	(D)
Crawford.....	-	-	-	-	-	-	2	(D)
Delta.....	7	680	7	(D)	1	(D)	9	772
Dickinson.....	3	339	2	(D)	1	(D)	6	451
Eaton.....	4	(D)	4	(D)	-	-	4	(Z)
Emmet.....	20	15	15	15	5	1	10	13
Genesee.....	8	(D)	6	2	2	(D)	17	(D)
Gladwin.....	2	(D)	2	(D)	-	-	8	3
Gogebic.....	3	(Z)	3	(Z)	-	-	1	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
POTATOES - Con.								
Counties - Con.								
Grand Traverse	9	3	9	3	-	-	9	4
Gratiot	11	5	11	5	-	-	9	6
Hillsdale	2	(D)	2	(D)	-	-	3	(D)
Houghton	16	9	16	9	-	-	14	13
Huron	8	(D)	6	6	2	(D)	6	(D)
Ingham	9	8	9	8	-	-	18	(D)
Ionia	12	10	12	9	4	1	10	8
Iosco	2	(D)	2	(D)	-	-	5	4
Iron	5	494	5	(D)	2	(D)	11	582
Isabella	3	4	3	4	-	-	6	4
Jackson	29	12	29	(D)	1	(D)	13	8
Kalamazoo	7	3	7	3	-	-	17	8
Kalkaska	5	1,310	5	1,310	-	-	4	1,343
Kent	13	11	13	11	-	-	21	18
Lake	2	(D)	2	(D)	-	-	1	(D)
Lapeer	17	15	17	15	-	-	16	41
Leelanau	24	20	24	(D)	2	(D)	15	26
Lenawee	18	11	16	10	4	1	16	5
Livingston	10	32	10	32	-	-	19	8
Luce	1	(D)	-	-	1	(D)	4	(D)
Mackinac	2	(D)	2	(D)	-	-	2	(D)
Macomb	8	8	8	(D)	1	(D)	20	23
Manistee	6	3	6	3	-	-	8	6
Marquette	10	4	8	(D)	2	(D)	13	14
Mason	15	(D)	15	(D)	-	-	6	(D)
Mecosta	27	(D)	25	13	2	(D)	27	(D)
Menominee	1	(D)	1	(D)	-	-	9	2
Midland	3	(Z)	3	(Z)	-	-	8	2
Missaukee	5	(D)	3	1	3	(D)	3	(D)
Monroe	14	(D)	14	241	1	(D)	20	(D)
Montcalm	18	16,883	9	317	13	16,566	38	16,665
Montmorency	-	-	-	-	-	-	2	(D)
Muskegon	13	(D)	13	(D)	2	(D)	10	(D)
Newaygo	11	(D)	10	(D)	1	(D)	14	280
Oakland	10	4	10	4	-	-	11	3
Oceana	4	4	4	4	-	-	13	38
Ogemaw	4	1	4	1	-	-	1	(D)
Ontonagon	2	(D)	2	(D)	-	-	4	2
Osceola	6	(D)	6	(D)	1	(D)	2	(D)
Oscoda	1	(D)	1	(D)	-	-	4	(D)
Otsego	3	(D)	3	(D)	-	-	8	(D)
Ottawa	21	48	21	(D)	2	(D)	26	60
Presque Isle	7	1,511	5	(D)	3	(D)	18	1,697
Roscommon	-	-	-	-	-	-	2	(D)
Saginaw	10	(D)	8	4	2	(D)	8	1,376
St. Clair	17	17	17	17	-	-	7	13
St. Joseph	19	11,752	13	2,073	9	9,679	24	6,139
Sanilac	12	10	12	10	-	-	12	41
Schoolcraft	-	-	-	-	-	-	6	6
Shiawassee	8	23	8	(D)	2	(D)	3	2
Tuscola	14	(D)	14	(D)	-	(D)	12	(D)
Van Buren	10	12	10	12	2	-	22	23
Washtenaw	29	22	29	22	-	-	46	278
Wayne	15	9	15	9	-	-	16	8
Wexford	3	(D)	3	(D)	-	-	8	2
PUMPKINS								
State Total								
Michigan	983	5,123	959	4,972	51	151	1,182	5,997
Counties								
Alcona	6	2	6	1	4	1	3	1
Alger	6	(D)	2	(D)	4	(Z)	2	(D)
Allegan	20	224	20	224	-	-	40	210
Alpena	9	15	9	(D)	7	(D)	12	17
Antrim	11	(D)	11	33	1	(D)	7	20
Arenac	3	(D)	3	(D)	-	-	6	20
Baraga	1	(D)	1	(D)	-	-	-	-
Barry	10	33	9	(D)	1	(D)	9	22
Bay	24	124	24	124	-	-	22	84
Benzie	2	(D)	2	(D)	-	-	5	7
Berrien	33	122	30	122	3	(Z)	55	415
Branch	9	40	9	40	-	-	17	114
Calhoun	25	75	25	75	-	-	13	22
Cass	21	119	20	(D)	1	(D)	13	157
Charlevoix	3	(D)	3	(D)	-	-	10	8
Cheboygan	3	(D)	3	(D)	-	-	18	13
Chippewa	5	2	5	2	-	-	13	9
Clare	2	(D)	2	(D)	-	-	5	7
Clinton	9	71	9	71	-	-	17	93
Crawford	1	(D)	1	(D)	-	-	3	(D)
Delta	2	(D)	2	(D)	-	-	12	79
Dickinson	3	9	3	9	-	-	3	(D)
Eaton	12	28	12	28	-	-	11	45
Emmet	14	49	10	48	4	(Z)	11	57
Genesee	26	234	26	(D)	2	(D)	17	59
Gladwin	4	40	4	40	-	-	8	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
PUMPKINS - Con.								
Counties - Con.								
Gogebic	1	(D)	1	(D)	-	-	1	(D)
Grand Traverse.....	11	16	11	16	-	-	21	35
Gratiot.....	3	(D)	3	(D)	-	-	7	6
Hillsdale.....	26	139	26	139	-	-	30	191
Houghton.....	8	10	7	(D)	1	(D)	16	15
Huron.....	12	12	12	12	-	-	1	(D)
Ingham.....	19	33	19	(D)	1	(D)	29	49
Ionia.....	15	59	15	59	-	-	11	(D)
Iosco.....	3	(D)	3	(D)	-	-	6	5
Iron.....	2	(D)	2	(D)	-	-	2	(D)
Isabella.....	8	70	8	(D)	2	(D)	9	58
Jackson.....	27	73	27	73	-	-	27	85
Kalamazoo.....	6	12	6	12	-	-	12	21
Kalkaska.....	8	2	8	2	-	-	2	(D)
Kent.....	21	82	21	(D)	1	(D)	37	104
Lake.....	4	(D)	4	(D)	-	-	-	-
Lapeer.....	20	89	20	89	-	-	23	166
Leelanau.....	15	4	15	4	-	-	15	12
Lenawee.....	28	190	26	(D)	2	(D)	29	247
Livingston.....	23	34	23	34	-	-	19	85
Mackinac.....	-	-	-	-	-	-	2	(D)
Macomb.....	26	243	26	240	3	3	42	632
Manistee.....	7	71	7	71	-	-	7	7
Marquette.....	3	1	3	1	-	-	10	8
Mason.....	9	12	9	(D)	2	(D)	12	(D)
Mecosta.....	17	64	17	64	-	-	24	54
Menominee.....	13	17	13	17	-	-	10	30
Midland.....	11	17	11	17	-	-	11	16
Missaukee.....	10	20	8	(D)	2	(D)	7	(D)
Monroe.....	31	428	30	(D)	1	(D)	43	259
Montcalm.....	14	63	14	(D)	2	(D)	23	89
Montmorency.....	7	7	7	7	-	-	-	-
Muskegon.....	26	32	26	32	-	-	10	48
Newaygo.....	8	216	8	216	-	-	12	62
Oakland.....	32	186	32	186	-	-	12	64
Oceana.....	15	615	14	(D)	1	(D)	17	475
Ogemaw.....	-	-	-	-	-	-	4	4
Ontonagon.....	2	(D)	2	(D)	-	-	3	(Z)
Osceola.....	1	(D)	1	(D)	-	-	8	12
Oscoda.....	1	(D)	1	(D)	-	-	-	-
Otsego.....	6	62	6	62	-	-	6	13
Ottawa.....	30	201	30	201	-	-	45	189
Presque Isle.....	4	1	4	1	-	-	6	43
Roscommon.....	-	-	-	-	-	-	1	(D)
Saginaw.....	20	58	20	(D)	1	(D)	19	44
St. Clair.....	32	290	28	288	5	2	26	83
St. Joseph.....	3	12	3	12	-	-	15	(D)
Sanilac.....	22	28	22	28	-	-	23	14
Schoolcraft.....	1	(D)	1	(D)	-	-	1	(D)
Shiawassee.....	8	10	8	10	-	-	11	13
Tuscola.....	18	33	18	33	-	-	20	38
Van Buren.....	10	44	10	44	-	-	49	162
Washtenaw.....	44	164	44	164	-	-	49	215
Wayne.....	26	90	26	90	-	-	22	136
Wexford.....	2	(D)	2	(D)	-	-	3	1
RADISHES								
State Total								
Michigan.....	270	1,183	249	(D)	21	(D)	39	1,114
Counties								
Alcona.....	5	1	5	1	-	-	-	-
Alger.....	10	1	6	1	4	(Z)	3	(Z)
Allegan.....	3	(D)	3	(D)	-	-	4	(D)
Antrim.....	10	2	10	2	-	-	-	-
Arenac.....	1	(D)	1	(D)	-	-	-	-
Barry.....	6	1	6	1	-	-	-	-
Bay.....	3	6	3	6	-	-	1	(D)
Benzie.....	4	(Z)	4	(Z)	-	-	-	-
Berrien.....	9	1	6	1	3	(Z)	1	(D)
Branch.....	2	(D)	2	(D)	-	-	-	-
Calhoun.....	1	(D)	1	(D)	-	-	-	-
Cass.....	9	1	9	1	-	-	-	-
Charlevoix.....	2	(D)	2	(D)	-	-	-	-
Cheboygan.....	2	(D)	2	(D)	-	-	-	-
Chippewa.....	3	1	3	1	-	-	2	(D)
Delta.....	2	(D)	2	(D)	-	-	-	-
Emmet.....	5	(D)	4	1	1	(D)	-	-
Genesee.....	4	(Z)	4	(Z)	-	-	1	(D)
Gogebic.....	1	(D)	1	(D)	-	-	-	-
Grand Traverse.....	3	1	3	1	-	-	-	-
Gratiot.....	9	1	9	1	-	-	2	(D)
Hillsdale.....	6	1	6	1	-	-	-	-
Ingham.....	4	(Z)	4	(Z)	-	-	-	-
Ionia.....	1	(D)	1	(D)	-	-	-	-
Iosco.....	3	(Z)	-	-	3	(Z)	-	-
Iron.....	1	(D)	1	(D)	-	-	-	-

--continued

Table 29. **Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)**

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
RADISHES - Con.								
Counties - Con.								
Isabella.....	2	(D)	2	(D)	-	-	-	-
Jackson.....	7	3	7	3	-	-	1	(D)
Kalamazoo.....	2	(D)	2	(D)	-	-	-	-
Kalkaska.....	2	(D)	2	(D)	-	-	-	-
Kent.....	4	(Z)	4	(Z)	-	-	1	(D)
Lake.....	-	-	-	-	-	-	1	(D)
Lapeer.....	4	(D)	3	(D)	1	(D)	3	(D)
Leelanau.....	11	2	11	2	-	-	-	-
Lenawee.....	7	1	5	(D)	2	(D)	-	-
Livingston.....	11	(D)	11	(D)	-	-	1	(D)
Macomb.....	2	(D)	2	(D)	-	-	3	1
Marquette.....	8	1	4	(Z)	4	(Z)	-	-
Mason.....	5	1	5	1	-	-	-	-
Mecosta.....	5	1	5	1	-	-	1	(D)
Menominee.....	2	(D)	2	(D)	-	-	-	-
Midland.....	3	(Z)	3	(Z)	-	-	-	-
Missaukee.....	3	(D)	1	(D)	2	(D)	-	-
Monroe.....	6	1	6	1	-	-	-	-
Montcalm.....	2	(D)	2	(D)	-	-	-	-
Montmorency.....	3	1	3	1	-	-	-	-
Muskegon.....	5	1	5	1	-	-	-	-
Newaygo.....	1	(D)	1	(D)	-	-	1	(D)
Oakland.....	-	-	-	-	-	-	2	(D)
Oceana.....	1	(D)	1	(D)	-	-	-	-
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Ottawa.....	9	(D)	9	(D)	-	-	1	(D)
Presque Isle.....	1	(D)	1	(D)	-	-	-	-
Saginaw.....	2	(D)	2	(D)	-	-	1	(D)
St. Clair.....	11	4	11	4	-	-	-	-
Sanilac.....	4	1	4	1	-	-	-	-
Shiawassee.....	1	(D)	1	(D)	-	-	-	-
Tuscola.....	5	(D)	4	1	1	(D)	2	(D)
Van Buren.....	2	(D)	2	(D)	-	-	1	(D)
Washtenaw.....	17	3	17	3	-	-	5	(D)
Wayne.....	11	2	11	2	-	-	1	(D)
RHUBARB								
State Total								
Michigan.....	220	126	197	119	28	7	65	65
Counties								
Alcona.....	-	-	-	-	-	-	2	(D)
Alger.....	10	1	6	1	5	1	1	(D)
Allegan.....	6	2	6	2	-	-	1	(D)
Antrim.....	2	(D)	2	(D)	-	-	-	-
Barry.....	6	1	6	1	-	-	-	-
Bay.....	-	-	-	-	-	-	1	(D)
Benzie.....	2	(D)	2	(D)	-	-	1	(D)
Berrien.....	12	4	8	2	4	2	3	(D)
Branch.....	-	-	-	-	-	-	2	(D)
Calhoun.....	2	(D)	2	(D)	-	-	-	-
Cass.....	9	1	9	1	-	-	1	(D)
Charlevoix.....	1	(D)	1	(D)	-	-	-	-
Cheboygan.....	2	(D)	2	(D)	-	-	-	-
Chippewa.....	2	(D)	2	(D)	-	-	-	-
Clare.....	-	-	-	-	-	-	2	(D)
Clinton.....	1	(D)	1	(D)	-	-	-	-
Delta.....	2	(D)	2	(D)	-	-	-	-
Eaton.....	1	(D)	1	(D)	-	-	-	-
Emmet.....	8	4	7	(D)	1	(D)	2	(D)
Genesee.....	1	(D)	1	(D)	-	-	-	-
Gladwin.....	3	(Z)	3	(Z)	-	-	-	-
Gogebic.....	2	(D)	2	(D)	-	-	-	-
Grand Traverse.....	2	(D)	1	(D)	1	(D)	6	3
Houghton.....	4	(Z)	4	(Z)	-	-	2	(D)
Huron.....	3	2	3	2	-	-	-	-
Ingham.....	-	-	-	-	-	-	2	(D)
Ionia.....	1	(D)	1	(D)	-	-	-	-
Iosco.....	3	(Z)	-	-	3	(Z)	-	-
Iron.....	1	(D)	1	(D)	-	-	-	-
Isabella.....	6	1	6	1	-	-	-	-
Jackson.....	6	2	4	(D)	2	(D)	1	(D)
Kalamazoo.....	3	1	3	1	-	-	4	1
Kalkaska.....	2	(D)	2	(D)	2	(D)	1	(D)
Kent.....	6	1	6	1	-	-	1	(D)
Lapeer.....	9	1	9	1	-	-	-	-
Leelanau.....	3	(Z)	3	(Z)	-	-	-	-
Lenawee.....	5	1	3	1	4	(Z)	1	(D)
Livingston.....	6	1	6	1	-	-	1	(D)
Macomb.....	5	22	5	22	-	-	6	33
Marquette.....	3	(D)	1	(D)	2	(D)	-	-
Mecosta.....	12	2	12	2	-	-	3	(Z)
Menominee.....	2	(D)	2	(D)	-	-	1	(D)
Midland.....	1	(D)	1	(D)	-	-	1	(D)
Missaukee.....	2	(D)	-	-	2	(D)	-	-
Montcalm.....	4	(Z)	4	(Z)	-	-	1	(D)
Muskegon.....	1	(D)	1	(D)	-	-	-	-

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
RHUBARB - Con.								
Counties - Con.								
Newaygo.....	3	(Z)	3	(Z)	-	-	-	-
Oakland.....	2	(D)	2	(D)	-	-	6	2
Oceana.....	-	-	-	-	-	-	1	(D)
Ogemaw.....	2	(D)	2	(D)	-	-	-	-
Oscoda.....	4	(Z)	4	(Z)	-	-	2	(D)
Ottawa.....	4	1	4	1	-	-	2	(D)
St. Clair.....	5	(D)	5	(D)	-	-	6	2
St. Joseph.....	1	(D)	1	(D)	-	-	1	(D)
Sanilac.....	3	(Z)	3	(Z)	-	-	-	-
Shiawassee.....	3	(Z)	3	(Z)	-	-	-	-
Van Buren.....	5	1	5	1	-	-	-	-
Washtenaw.....	25	3	23	(D)	2	(D)	-	-
Wayne.....	1	(D)	1	(D)	-	-	-	-
SPINACH								
State Total								
Michigan.....	277	43	257	41	21	2	47	280
Counties								
Alger.....	7	2	3	(D)	4	(D)	3	(Z)
Allegan.....	2	(D)	2	(D)	-	-	-	-
Antrim.....	8	1	8	1	-	-	-	-
Arenac.....	1	(D)	1	(D)	-	-	-	-
Barry.....	2	(D)	-	-	2	(D)	-	-
Bay.....	1	(D)	1	(D)	-	-	-	-
Benzie.....	2	(D)	2	(D)	-	-	-	-
Berrien.....	8	1	5	1	3	(Z)	-	-
Branch.....	-	-	-	-	-	-	1	(D)
Calhoun.....	1	(D)	1	(D)	-	-	-	-
Cass.....	1	(D)	1	(D)	-	-	2	(D)
Cheboygan.....	2	(D)	2	(D)	-	-	-	-
Clinton.....	2	(D)	2	(D)	-	-	1	(D)
Delta.....	2	(D)	2	(D)	-	-	1	(D)
Dickinson.....	2	(D)	2	(D)	-	-	-	-
Eaton.....	1	(D)	1	(D)	-	-	-	-
Emmet.....	12	4	10	(D)	2	(D)	-	-
Genesee.....	11	1	11	1	-	-	-	-
Gogebic.....	1	(D)	1	(D)	-	-	-	-
Grand Traverse.....	3	(Z)	3	(Z)	-	-	2	(D)
Gratiot.....	9	2	9	2	-	-	3	(Z)
Hillsdale.....	6	1	6	1	-	-	-	-
Houghton.....	-	-	-	-	-	-	1	(D)
Ingham.....	3	1	3	1	-	-	1	(D)
Ionia.....	1	(D)	1	(D)	-	-	-	-
Iosco.....	3	(Z)	-	-	3	(Z)	-	-
Isabella.....	5	1	5	1	-	-	-	-
Jackson.....	5	1	5	1	-	-	1	(D)
Kalamazoo.....	3	(Z)	3	(Z)	-	-	-	-
Kalkaska.....	2	(D)	2	(D)	-	-	-	-
Kent.....	13	2	13	2	-	-	-	-
Lapeer.....	3	1	3	(D)	1	(D)	3	1
Leelanau.....	5	1	5	1	-	-	-	-
Lenawee.....	3	(Z)	3	(Z)	-	-	2	(D)
Livingston.....	2	(D)	2	(D)	-	-	-	-
Mackinac.....	2	(Z)	2	(Z)	-	-	4	4
Macomb.....	3	(Z)	3	(Z)	-	-	-	-
Marquette.....	5	1	1	(D)	4	(D)	-	-
Mason.....	4	1	4	1	-	-	-	-
Mecosta.....	9	1	9	1	-	-	-	-
Menominee.....	1	(D)	1	(D)	-	-	1	(D)
Midland.....	3	(Z)	3	(Z)	-	-	-	-
Missaukee.....	2	(D)	-	-	2	(D)	-	-
Monroe.....	5	2	5	2	-	-	-	-
Montcalm.....	1	(D)	1	(D)	-	-	-	-
Montmorency.....	3	1	3	1	-	-	-	-
Muskegon.....	5	1	5	1	-	-	-	-
Newaygo.....	3	(Z)	3	(Z)	-	-	1	(D)
Oakland.....	5	1	5	1	-	-	2	(D)
Oceana.....	5	1	5	1	-	-	2	(D)
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Oscoda.....	4	(Z)	4	(Z)	-	-	-	-
Ottawa.....	12	2	12	2	-	-	1	(D)
Presque Isle.....	1	(D)	1	(D)	-	-	-	-
Saginaw.....	2	(D)	2	(D)	-	-	1	(D)
St. Clair.....	11	2	11	2	-	-	5	(D)
St. Joseph.....	1	(D)	1	(D)	-	-	-	-
Sanilac.....	2	(D)	2	(D)	-	-	2	(D)
Shiawassee.....	1	(D)	1	(D)	-	-	-	-
Tuscola.....	8	1	8	1	-	-	-	-
Van Buren.....	5	1	5	1	-	-	1	(D)
Washtenaw.....	22	4	22	4	-	-	1	(D)
Wayne.....	18	3	18	3	-	-	1	(D)
Wexford.....	-	-	-	-	-	-	2	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
SQUASH, ALL								
State Total								
Michigan.....	1,100	9,178	1,029	5,778	95	3,400	616	7,437
Counties								
Alcona.....	6	3	6	2	4	1	6	2
Alger.....	11	2	7	1	4	1	3	1
Allegan.....	37	866	37	854	3	(D)	21	163
Alpena.....	4	1	4	1	-	-	1	(D)
Antrim.....	14	13	14	13	-	-	8	10
Arenac.....	2	(D)	2	(D)	-	-	2	(D)
Barry.....	12	5	12	5	1	(D)	-	-
Bay.....	25	61	25	61	1	(D)	13	36
Benzie.....	14	3	14	3	-	-	3	(D)
Berrien.....	51	1,229	47	1,228	4	1	44	1,208
Branch.....	6	18	6	18	-	-	6	18
Calhoun.....	30	38	30	38	-	-	10	6
Cass.....	18	(D)	17	(D)	1	(D)	7	(D)
Charlevoix.....	13	5	8	1	5	4	5	(D)
Cheboygan.....	8	2	8	2	-	-	4	1
Chippewa.....	12	4	12	4	-	-	5	3
Clare.....	3	(Z)	3	(Z)	-	-	3	4
Clinton.....	11	5	11	5	-	-	6	4
Crawford.....	-	-	-	-	-	-	2	(D)
Delta.....	2	(D)	2	(D)	-	-	3	(D)
Dickinson.....	2	(D)	2	(D)	-	-	1	(D)
Eaton.....	13	5	13	5	-	-	3	2
Emmet.....	16	35	14	35	2	(D)	6	34
Genesee.....	24	10	24	10	-	-	8	5
Gladwin.....	9	(D)	9	3	-	-	5	8
Gogebic.....	4	(D)	4	(D)	-	-	1	(D)
Grand Traverse.....	12	5	12	5	-	-	9	4
Gratiot.....	16	246	15	221	1	(D)	12	188
Hillsdale.....	19	29	19	29	-	-	7	3
Houghton.....	6	4	6	4	-	-	3	(Z)
Huron.....	-	-	-	-	-	-	7	10
Ingham.....	14	7	13	6	1	(D)	12	5
Ionia.....	12	60	12	59	4	(Z)	8	89
Iosco.....	3	1	-	-	3	1	2	(D)
Iron.....	1	(D)	1	(D)	-	-	-	-
Isabella.....	17	34	17	18	4	16	4	7
Jackson.....	24	35	22	33	2	(D)	15	15
Kalamazoo.....	16	6	16	6	-	-	6	2
Kalkaska.....	6	1	6	1	-	-	2	(D)
Kent.....	32	527	32	527	-	-	19	348
Lake.....	4	2	1	(D)	3	(D)	-	-
Lapeer.....	22	26	22	26	-	-	14	238
Leelanau.....	18	8	18	8	-	-	2	(D)
Lenawee.....	15	15	15	15	-	-	7	4
Livingston.....	20	43	20	43	-	-	12	17
Luce.....	1	(D)	1	(D)	-	-	-	-
Mackinac.....	1	(D)	1	(D)	-	-	-	-
Macomb.....	36	140	36	139	2	(D)	28	136
Manistee.....	4	2	4	2	-	-	3	3
Marquette.....	9	5	5	4	4	(Z)	-	-
Mason.....	19	1,012	11	(D)	8	937	16	739
Mecosta.....	29	45	29	42	2	(D)	13	28
Menominee.....	4	1	4	1	-	-	3	(D)
Midland.....	18	7	12	2	6	5	5	25
Missaukee.....	4	(D)	2	(D)	2	(D)	3	1
Monroe.....	24	105	24	105	-	-	15	76
Montcalm.....	12	25	9	15	3	10	10	31
Montmorency.....	3	1	3	1	-	-	2	(D)
Muskegon.....	23	60	20	12	3	48	6	40
Newaygo.....	17	480	12	59	5	(D)	10	379
Oakland.....	23	37	23	37	-	-	8	9
Oceana.....	28	2,127	15	392	14	1,736	20	1,498
Ogemaw.....	2	(D)	2	(D)	-	-	-	-
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Osceola.....	3	(D)	3	(D)	-	-	3	(D)
Oscoda.....	5	1	5	1	-	-	-	-
Otsego.....	3	(D)	3	(D)	-	-	2	(D)
Ottawa.....	33	984	33	984	-	-	34	1,242
Presque Isle.....	5	1	5	1	-	-	3	(D)
Saginaw.....	10	17	10	17	-	-	8	9
St. Clair.....	32	55	32	55	2	(D)	15	55
St. Joseph.....	4	5	4	5	-	-	10	57
Sanilac.....	20	44	19	44	1	(D)	16	24
Schoolcraft.....	-	-	-	-	-	-	3	1
Shiawassee.....	11	6	11	6	-	-	6	4
Tuscola.....	11	40	11	40	-	-	12	(D)
Van Buren.....	15	245	15	245	-	-	18	276
Washtenaw.....	54	53	54	53	-	-	21	31
Wayne.....	29	31	29	31	-	-	4	24
Wexford.....	2	(D)	2	(D)	-	-	2	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
SQUASH, SUMMER								
State Total								
Michigan	722	3,347	680	2,436	54	911	331	3,116
Counties								
Alcona.....	4	1	4	1	4	1	6	2
Alger.....	7	1	3	1	4	(Z)	3	(Z)
Allegan.....	25	(D)	25	(D)	2	(D)	17	7
Alpena.....	1	(D)	1	(D)	-	-	-	-
Antrim.....	12	2	12	2	-	-	2	(D)
Arenac.....	1	(D)	1	(D)	-	-	-	-
Bary.....	7	(D)	6	(D)	1	(D)	-	-
Bay.....	8	(D)	8	(D)	-	-	4	(D)
Benzie.....	14	2	14	2	-	-	2	(D)
Berrien.....	40	1,156	37	1,156	3	(Z)	30	1,106
Branch.....	6	(D)	6	(D)	-	-	-	-
Calhoun.....	17	12	17	12	-	-	9	6
Cass.....	12	(D)	12	(D)	-	-	4	(D)
Charlevoix.....	11	4	8	(D)	3	(D)	4	1
Cheboygan.....	5	1	5	1	-	-	1	(D)
Chippewa.....	10	2	10	2	-	-	4	1
Clare.....	3	(D)	3	(D)	-	-	3	1
Clinton.....	10	3	10	3	-	-	1	(D)
Crawford.....	-	-	-	-	-	-	1	(D)
Delta.....	2	(D)	2	(D)	-	-	1	(D)
Dickinson.....	2	(D)	2	(D)	-	-	1	(D)
Eaton.....	8	2	8	2	-	-	-	-
Emmet.....	11	6	9	(D)	2	(D)	3	(D)
Genesee.....	16	2	16	2	-	-	6	3
Gladwin.....	2	(D)	2	(D)	-	-	3	1
Gogebic.....	2	(D)	2	(D)	-	-	1	(D)
Grand Traverse.....	6	1	6	1	-	-	2	(D)
Gratiot.....	11	(D)	11	(D)	-	-	3	(D)
Hillsdale.....	9	1	9	1	-	-	5	1
Houghton.....	6	4	6	4	-	-	2	(D)
Huron.....	-	-	-	-	-	-	6	6
Ingham.....	7	3	6	(D)	1	(D)	6	2
Ionia.....	9	(D)	9	(D)	4	(Z)	7	(D)
Iosco.....	3	(Z)	-	-	3	(Z)	-	-
Iron.....	1	(D)	1	(D)	-	-	-	-
Isabella.....	13	10	13	10	-	-	-	-
Jackson.....	15	(D)	13	(D)	2	(D)	10	5
Kalamazoo.....	9	1	9	1	-	-	3	(Z)
Kalkaska.....	6	1	6	1	-	-	1	(D)
Kent.....	20	48	20	48	-	-	13	(D)
Lapeer.....	18	6	18	6	-	-	8	(D)
Leelanau.....	16	6	16	6	-	-	1	(D)
Lenawee.....	13	8	13	8	-	-	4	(D)
Livingston.....	12	2	12	2	-	-	9	15
Macomb.....	16	(D)	16	(D)	-	-	16	64
Manistee.....	-	-	-	-	-	-	1	(D)
Marquette.....	8	(D)	4	(D)	4	(Z)	-	-
Mason.....	10	(D)	9	(D)	1	(D)	5	(D)
Mecosta.....	18	(D)	18	(D)	-	-	5	4
Menominee.....	1	(D)	1	(D)	-	-	1	(D)
Midland.....	15	6	9	1	6	5	2	(D)
Missaukee.....	3	(D)	1	(D)	2	(D)	1	(D)
Monroe.....	15	37	15	37	-	-	9	(D)
Montcalm.....	4	2	3	(D)	1	(D)	4	(D)
Montmorency.....	3	1	3	1	-	-	-	-
Muskegon.....	14	7	14	7	-	-	3	(D)
Newaygo.....	8	(D)	8	(D)	-	-	2	(D)
Oakland.....	16	3	16	3	-	-	6	2
Oceana.....	17	1,044	8	258	9	786	9	590
Ogemaw.....	2	(D)	2	(D)	-	-	-	-
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Osceola.....	2	(D)	2	(D)	-	-	-	-
Oscoda.....	5	1	5	1	-	-	-	-
Otsego.....	2	(D)	2	(D)	-	-	2	(D)
Ottawa.....	18	(D)	18	(D)	-	-	19	291
Presque Isle.....	3	1	3	1	-	-	3	2
Saginaw.....	5	1	5	1	-	-	3	1
St. Clair.....	30	(D)	30	(D)	2	(D)	10	15
St. Joseph.....	1	(D)	1	(D)	-	-	5	(D)
Sanilac.....	8	(D)	8	(D)	-	-	6	7
Schoolcraft.....	-	-	-	-	-	-	1	(D)
Shiawassee.....	7	1	7	1	-	-	2	(D)
Tuscola.....	9	5	9	5	-	-	7	(D)
Van Buren.....	8	(D)	8	(D)	-	-	13	(D)
Washtenaw.....	35	14	35	14	-	-	5	1
Wayne.....	25	22	25	22	-	-	4	9
Wexford.....	2	(D)	2	(D)	-	-	1	(D)
SQUASH, WINTER								
State Total								
Michigan	799	5,831	744	3,342	65	2,489	430	4,321

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
SQUASH, WINTER - Con.								
Counties								
Alcona.....	6	2	6	1	4	1	-	-
Alger.....	10	1	6	1	4	(Z)	3	(Z)
Allegan.....	23	(D)	23	(D)	1	(D)	15	157
Alpena.....	3	(D)	3	(D)	-	-	1	(D)
Antrim.....	13	11	13	11	-	-	6	(D)
Arenac.....	2	(D)	2	(D)	-	-	2	(D)
Barry.....	12	(D)	12	(D)	-	-	-	-
Bay.....	23	(D)	23	(D)	1	(D)	12	(D)
Benzie.....	4	(Z)	4	(Z)	-	-	1	(D)
Berrien.....	29	73	25	72	4	1	26	102
Branch.....	2	(D)	2	(D)	-	-	6	18
Calhoun.....	27	26	27	26	-	-	4	1
Cass.....	17	(D)	16	(D)	1	(D)	6	(D)
Charlevoix.....	5	1	3	(D)	2	(D)	2	(D)
Cheboygan.....	6	1	6	1	-	-	3	(D)
Chippewa.....	7	2	7	2	-	-	3	1
Clare.....	1	(D)	1	(D)	-	-	-	-
Clinton.....	10	2	10	2	-	-	5	(D)
Crawford.....	-	-	-	-	-	-	1	(D)
Delta.....	2	(D)	2	(D)	-	-	2	(D)
Dickinson.....	2	(D)	2	(D)	-	-	1	(D)
Eaton.....	7	3	7	3	-	-	3	2
Emmet.....	14	29	12	(D)	2	(D)	6	(D)
Genesee.....	15	8	15	8	-	-	5	2
Gladwin.....	8	(D)	8	(D)	-	-	4	7
Gogebic.....	2	(D)	2	(D)	-	-	-	-
Grand Traverse.....	10	4	10	4	-	-	7	(D)
Gratiot.....	15	(D)	14	(D)	1	(D)	10	(D)
Hillsdale.....	16	28	16	28	-	-	4	3
Houghton.....	-	-	-	-	-	-	1	(D)
Huron.....	-	-	-	-	-	-	3	4
Ingham.....	12	4	11	(D)	1	(D)	10	3
Ionia.....	6	(D)	6	(D)	-	-	4	(D)
Iosco.....	3	(Z)	-	-	3	(Z)	2	(D)
Iron.....	1	(D)	1	(D)	-	-	-	-
Isabella.....	11	24	7	8	4	16	4	7
Jackson.....	17	(D)	17	(D)	-	-	6	10
Kalamazoo.....	11	4	11	4	-	-	4	2
Kalkaska.....	6	1	6	1	-	-	1	(D)
Kent.....	27	479	27	479	-	-	12	(D)
Lake.....	4	2	1	(D)	3	(D)	-	-
Lapeer.....	16	21	16	21	-	-	8	(D)
Leelanau.....	16	2	16	2	-	-	2	(D)
Lenawee.....	7	7	7	7	-	-	3	(D)
Livingston.....	17	41	17	41	-	-	3	2
Luce.....	1	(D)	1	(D)	-	-	-	-
Mackinac.....	1	(D)	1	(D)	-	-	-	-
Macomb.....	30	(D)	30	(D)	2	(D)	18	72
Manistee.....	4	2	4	2	-	-	2	(D)
Marquette.....	2	(D)	2	(D)	-	-	-	-
Mason.....	14	(D)	6	(D)	8	(D)	13	(D)
Mecosta.....	24	(D)	24	(D)	2	(D)	11	24
Menominee.....	4	(D)	4	(D)	-	-	2	(D)
Midland.....	6	1	6	1	-	-	3	(D)
Missaukee.....	4	(D)	2	(D)	2	(D)	2	(D)
Monroe.....	19	69	19	69	-	-	12	(D)
Montcalm.....	10	23	7	(D)	3	(D)	9	(D)
Montmorency.....	3	1	3	1	-	-	2	(D)
Muskegon.....	17	53	14	5	3	(D)	5	(D)
Newaygo.....	13	(D)	8	(D)	5	(D)	8	(D)
Oakland.....	11	34	11	34	-	-	7	7
Oceana.....	16	1,083	8	134	8	950	15	908
Ogemaw.....	2	(D)	2	(D)	-	-	-	-
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Osceola.....	1	(D)	1	(D)	-	-	3	(D)
Oscoda.....	5	1	5	1	-	-	-	-
Otsego.....	1	(D)	1	(D)	-	-	2	(D)
Ottawa.....	27	(D)	27	(D)	-	-	19	951
Presque Isle.....	3	1	3	1	-	-	3	(D)
Saginaw.....	7	17	7	17	-	-	6	8
St. Clair.....	22	(D)	22	(D)	-	-	9	40
St. Joseph.....	4	(D)	4	(D)	-	-	10	(D)
Sanilac.....	14	(D)	13	(D)	1	(D)	14	17
Schoolcraft.....	-	-	-	-	-	-	2	(D)
Shiawassee.....	9	5	9	5	-	-	6	(D)
Tuscola.....	10	35	10	35	-	-	10	(D)
Van Buren.....	12	(D)	12	(D)	-	-	12	(D)
Washtenaw.....	38	39	38	39	-	-	19	30
Wayne.....	18	9	18	9	-	-	3	15
Wexford.....	-	-	-	-	-	-	2	(D)
SWEET CORN								
State Total								
Michigan.....	835	8,466	792	8,237	79	229	1,075	10,192

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
SWEET CORN - Con.								
Counties								
Alcona.....	4	1	4	1	4	1	1	(D)
Alger.....	5	2	1	(D)	4	(D)	4	4
Allegan.....	17	405	14	404	3	1	30	488
Alpena.....	5	3	5	3	-	-	9	10
Antrim.....	9	61	9	(D)	2	(D)	13	(D)
Arenac.....	1	(D)	1	(D)	-	-	8	33
Baraga.....	1	(D)	1	(D)	-	-	1	(D)
Barry.....	9	49	9	49	-	-	11	86
Bay.....	24	243	24	(D)	2	(D)	31	226
Benzie.....	2	(D)	2	(D)	-	-	5	(D)
Berrien.....	39	292	36	291	3	(Z)	51	1,640
Branch.....	7	127	2	(D)	5	(D)	21	118
Calhoun.....	12	57	12	57	-	-	24	52
Cass.....	13	98	13	98	-	-	15	138
Charlevoix.....	12	54	10	(D)	2	(D)	21	91
Cheboygan.....	5	16	5	16	-	-	11	11
Chippewa.....	6	3	6	3	-	-	13	10
Clare.....	8	13	8	13	-	-	14	34
Clinton.....	12	216	12	216	-	-	18	177
Crawford.....	-	-	-	-	-	-	3	1
Delta.....	2	(D)	2	(D)	-	-	2	(D)
Dickinson.....	2	(D)	2	(D)	-	-	1	(D)
Eaton.....	10	26	10	26	-	-	5	(D)
Emmet.....	19	47	10	46	10	1	8	51
Genesee.....	15	68	15	(D)	2	(D)	26	161
Gladwin.....	7	81	7	81	-	-	10	85
Gogebic.....	2	(D)	2	(D)	-	-	1	(D)
Grand Traverse.....	17	119	17	119	-	-	8	91
Gratiot.....	13	14	13	14	-	-	9	77
Hillsdale.....	14	120	14	120	-	-	13	31
Houghton.....	10	7	10	7	-	-	11	10
Huron.....	8	12	3	11	5	1	4	(D)
Ingham.....	14	39	14	39	-	-	20	61
Ionia.....	9	90	9	90	-	-	14	155
Iosco.....	-	-	-	-	-	-	5	2
Iron.....	1	(D)	1	(D)	-	-	1	(D)
Isabella.....	8	31	8	(D)	2	(D)	10	41
Jackson.....	17	181	17	176	3	5	17	184
Kalamazoo.....	12	28	12	28	-	-	24	38
Kalkaska.....	6	4	6	4	-	-	3	(D)
Kent.....	24	1,074	24	1,074	-	-	37	944
Lake.....	3	1	3	1	-	-	-	-
Lapeer.....	19	273	19	(D)	2	(D)	21	126
Leelanau.....	7	18	7	18	-	-	4	23
Lenawee.....	25	302	23	300	8	2	14	63
Livingston.....	9	141	9	141	-	-	22	63
Luce.....	2	(D)	2	(D)	-	-	3	3
Mackinac.....	4	(D)	1	(D)	3	(D)	2	(D)
Macomb.....	22	781	22	(D)	3	(D)	37	1,050
Manistee.....	5	13	5	13	-	-	9	23
Marquette.....	5	2	5	2	-	-	12	7
Mason.....	9	45	9	45	-	-	10	(D)
Mecosta.....	12	25	12	25	-	-	20	85
Menominee.....	2	(D)	2	(D)	-	-	2	(D)
Midland.....	4	(D)	4	(D)	-	-	4	4
Missaukee.....	8	9	6	(D)	3	(D)	6	(D)
Monroe.....	24	678	24	678	-	-	44	874
Montcalm.....	9	79	9	79	-	-	21	100
Montmorency.....	16	-	-	-	-	-	3	(D)
Muskegon.....	-	(D)	16	66	1	(D)	9	17
Newaygo.....	12	307	12	307	-	-	19	163
Oakland.....	13	179	13	179	4	(Z)	8	(D)
Oceana.....	6	168	6	168	-	-	10	501
Ogemaw.....	1	(D)	1	(D)	-	-	4	(D)
Ontonagon.....	2	(D)	2	(D)	-	-	2	(D)
Osceola.....	3	5	3	(D)	1	(D)	4	4
Oscoda.....	5	1	5	1	-	-	5	6
Otsego.....	4	23	4	23	-	-	4	2
Ottawa.....	27	182	27	182	-	-	42	198
Presque Isle.....	3	1	3	1	-	-	6	37
Roscommon.....	3	(D)	3	(D)	-	-	2	(D)
Saginaw.....	12	22	12	22	-	-	16	114
St. Clair.....	18	155	18	(D)	1	(D)	16	142
St. Joseph.....	13	52	13	52	-	-	9	10
Sanilac.....	16	19	16	19	-	-	20	66
Schoolcraft.....	4	(D)	3	1	1	(D)	3	1
Shiawassee.....	9	42	7	(D)	3	(D)	10	27
Tuscola.....	24	73	24	73	-	-	9	66
Van Buren.....	19	201	19	201	-	-	37	214
Washtenaw.....	29	318	29	318	-	-	40	366
Wayne.....	24	257	24	257	-	-	17	203
Wexford.....	2	(D)	-	-	2	(D)	12	23
SWEET POTATOES								
State Total								
Michigan.....	70	(D)	68	(D)	3	1	40	219

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
SWEET POTATOES - Con.								
Counties								
Allegan	2	(D)	2	(D)	-	-	-	-
Berrien	4	1	4	1	-	-	3	(D)
Calhoun	1	(D)	1	(D)	-	-	-	-
Cass	1	(D)	1	(D)	-	-	-	-
Clinton	1	(D)	1	(D)	-	-	-	-
Eaton	1	(D)	1	(D)	-	-	1	(D)
Gratiot	9	1	9	1	-	-	2	(D)
Huron	-	-	-	-	-	-	1	(D)
Ingham	1	(D)	1	(D)	-	-	-	-
Ionia	1	(D)	1	(D)	-	-	-	-
Jackson	1	(D)	1	(D)	-	-	-	-
Kent	-	-	-	-	-	-	2	(D)
Lapeer	1	(D)	1	(D)	-	-	1	(D)
Leelanau	2	(D)	2	(D)	-	-	-	-
Lenawee	3	(D)	1	(D)	2	(D)	2	(D)
Livingston	3	6	3	6	-	-	-	-
Manistee	-	-	-	-	-	-	1	(D)
Mecosta	5	1	5	1	-	-	1	(D)
Midland	3	(Z)	3	(Z)	-	-	-	-
Monroe	2	(D)	2	(D)	-	-	1	(D)
Montcalm	-	-	-	-	-	-	2	(D)
Muskegon	-	-	-	-	-	-	2	(D)
Oceana	-	-	-	-	-	-	2	(D)
Ontonagon	2	(D)	2	(D)	-	-	-	-
Ottawa	2	(D)	2	(D)	-	-	-	-
St. Clair	-	-	-	-	-	-	3	(Z)
St. Joseph	-	-	-	-	-	-	5	2
Sanilac	2	(D)	2	(D)	-	-	1	(D)
Van Buren	2	(D)	2	(D)	-	-	1	(D)
Washtenaw	12	6	12	6	1	(D)	6	6
Wayne	9	2	9	2	-	-	3	1
TOMATOES IN THE OPEN								
State Total								
Michigan	1,216	5,102	1,145	2,164	125	2,938	1,413	5,959
Counties								
Alcona	6	1	2	(D)	4	(D)	7	2
Alger	9	2	5	1	8	1	2	(D)
Allegan	27	34	24	30	11	4	42	27
Alpena	12	4	12	(D)	2	(D)	15	12
Antrim	21	5	18	4	3	1	18	(D)
Arenac	4	1	4	1	-	-	5	12
Baraga	2	(D)	2	(D)	-	-	-	-
Barry	12	4	10	(D)	2	(D)	8	4
Bay	24	63	24	(D)	4	(D)	25	43
Benzie	12	5	12	5	-	-	10	11
Berrien	52	919	48	919	4	1	78	1,183
Branch	4	(D)	3	(D)	1	(D)	18	767
Calhoun	31	162	27	12	4	150	26	87
Cass	15	(D)	14	(D)	1	(D)	17	47
Charlevoix	15	12	13	(D)	2	(D)	15	9
Cheboygan	4	1	4	1	-	-	11	3
Chippewa	8	2	8	2	-	-	8	2
Clare	1	(D)	1	(D)	-	-	16	9
Clinton	16	9	16	9	-	-	20	17
Crawford	-	-	-	-	-	-	3	(Z)
Delta	4	(D)	4	(D)	2	(D)	8	7
Dickinson	2	(D)	2	(D)	-	-	1	(D)
Eaton	6	3	6	3	-	-	10	5
Emmet	12	10	7	9	6	1	14	11
Genesee	37	23	37	22	6	2	27	38
Gladwin	8	11	8	11	-	-	7	12
Gogebic	4	1	4	1	-	-	1	(D)
Grand Traverse	14	6	14	6	-	-	20	11
Gratiot	2	(D)	2	(D)	-	-	9	7
Hillsdale	15	22	15	22	-	-	8	3
Houghton	9	2	9	2	-	-	7	2
Huron	4	2	4	(D)	1	(D)	5	8
Ingham	18	15	18	(D)	1	(D)	32	41
Ionia	20	13	20	13	-	-	19	13
Iosco	5	1	2	(D)	3	(D)	7	3
Iron	-	-	-	-	-	-	2	(D)
Isabella	8	10	8	10	-	-	5	5
Jackson	34	61	32	(D)	2	(D)	28	23
Kalamazoo	20	14	20	14	-	-	30	16
Kalkaska	6	2	6	2	-	-	2	(D)
Kent	48	54	48	(D)	2	(D)	44	57
Lake	3	(D)	1	(D)	2	(D)	9	3
Lapeer	35	31	35	30	5	1	30	40
Leelanau	30	11	30	11	-	-	20	10
Lenawee	24	(D)	19	21	7	(D)	28	(D)
Livingston	21	4	21	4	-	-	33	23
Mackinac	1	(D)	1	(D)	-	-	1	(D)
Macomb	47	100	47	98	3	2	48	164
Manistee	10	3	10	3	-	-	15	14
Marquette	11	2	9	(D)	2	(D)	11	4
Mason	12	4	12	3	4	(Z)	14	10

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
TOMATOES IN THE OPEN - Con.								
Counties - Con.								
Mecosta	19	13	19	13	-	-	29	16
Menominee	-	-	-	-	-	-	6	3
Midland	23	11	17	5	6	5	14	6
Missaukee	13	3	11	(D)	2	(D)	6	3
Monroe	25	1,474	21	78	5	1,396	45	1,595
Montcalm	5	2	5	(D)	1	(D)	31	29
Montmorency	5	1	5	1	-	-	2	(D)
Muskegon	28	9	28	9	-	-	16	11
Newaygo	11	5	11	5	-	-	13	17
Oakland	28	20	28	20	-	-	29	16
Oceana	10	12	10	12	-	-	14	32
Ogemaw	4	(D)	2	(D)	2	(D)	2	(D)
Ontonagon	2	(D)	2	(D)	-	-	5	2
Osceola	1	(D)	1	(D)	-	-	12	9
Oscoda	5	1	5	1	-	-	5	2
Otsego	1	(D)	1	(D)	-	-	5	7
Ottawa	27	12	27	12	-	-	46	48
Presque Isle	10	2	6	1	5	1	6	4
Roscommon	-	-	-	-	-	-	1	(D)
Saginaw	15	6	15	6	-	-	14	8
St. Clair	39	54	39	(D)	2	(D)	28	35
St. Joseph	6	(D)	5	6	1	(D)	18	327
Sanilac	23	14	22	(D)	1	(D)	25	17
Shiawassee	13	4	11	(D)	2	(D)	11	11
Tuscola	29	(D)	29	(D)	-	-	22	30
Van Buren	22	44	22	(D)	2	(D)	39	86
Washtenaw	64	35	64	(D)	1	(D)	76	60
Wayne	39	23	39	(D)	1	(D)	43	42
Wexford	4	(D)	2	(D)	2	(D)	11	10
TURNIP GREENS								
State Total								
Michigan	83	88	80	88	3	(Z)	21	97
Counties								
Allegan	1	(D)	1	(D)	-	-	-	-
Arenac	1	(D)	1	(D)	-	-	-	-
Berrien	5	1	5	1	-	-	3	1
Cass	8	3	8	3	-	-	-	-
Clinton	1	(D)	1	(D)	-	-	-	-
Emmet	2	(D)	2	(D)	-	-	-	-
Genesee	6	(D)	6	(D)	-	-	-	-
Gogebic	1	(D)	1	(D)	-	-	-	-
Grand Traverse	3	(Z)	3	(Z)	-	-	-	-
Houghton	1	(D)	1	(D)	-	-	-	-
Ingham	3	(Z)	3	(Z)	-	-	1	(D)
Iosco	3	(Z)	-	-	3	(Z)	-	-
Isabella	1	(D)	1	(D)	-	-	-	-
Jackson	2	(D)	2	(D)	-	-	-	-
Kalamazoo	1	(D)	1	(D)	-	-	-	-
Kalkaska	2	(D)	2	(D)	-	-	-	-
Lake	-	-	-	-	-	-	1	(D)
Lapeer	6	1	6	1	-	-	-	-
Leelanau	3	(Z)	3	(Z)	-	-	-	-
Livingston	3	(D)	3	(D)	-	-	1	(D)
Macomb	-	-	-	-	-	-	4	(D)
Mecosta	2	(D)	2	(D)	-	-	-	-
Midland	3	(Z)	3	(Z)	-	-	-	-
Monroe	4	(D)	4	(D)	-	-	2	(D)
Oakland	-	-	-	-	-	-	2	(D)
Osceola	2	(D)	2	(D)	-	-	-	-
Ottawa	4	4	4	4	-	-	-	-
Presque Isle	1	(D)	1	(D)	-	-	-	-
Saginaw	2	(D)	2	(D)	-	-	-	-
St. Clair	-	-	-	-	-	-	4	2
Sanilac	2	(D)	2	(D)	-	-	-	-
Van Buren	2	(D)	2	(D)	-	-	2	(D)
Washtenaw	4	(Z)	4	(Z)	-	-	1	(D)
Wayne	4	(Z)	4	(Z)	-	-	-	-
TURNIPS								
State Total								
Michigan	161	778	149	(D)	13	(D)	35	1,183
Counties								
Alger	5	1	1	(D)	4	(D)	-	-
Allegan	1	(D)	-	-	1	(D)	3	(D)
Antrim	3	(Z)	3	(Z)	-	-	-	-
Arenac	1	(D)	1	(D)	-	-	-	-
Bay	1	(D)	1	(D)	1	(D)	-	-
Benzie	2	(D)	2	(D)	-	-	-	-
Berrien	6	3	6	3	-	-	3	1
Calhoun	2	(D)	2	(D)	-	-	-	-
Cass	2	(D)	2	(D)	-	-	-	-
Cheboygan	9	8	9	8	-	-	-	-
Clinton	8	1	8	1	-	-	-	-

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
TURNIPS - Con.								
Counties - Con.								
Dickinson	2	(D)	2	(D)	-	-	-	-
Emmet.....	4	(D)	2	(D)	2	(D)	-	-
Genesee	2	(D)	2	(D)	-	-	-	-
Gogebic.....	1	(D)	1	(D)	-	-	-	-
Grand Traverse.....	3	(Z)	3	(Z)	-	-	-	-
Gratiot.....	9	1	9	1	-	-	-	-
Hillsdale	-	-	-	-	-	-	2	(D)
Ingham.....	3	(Z)	3	(Z)	-	-	2	(D)
Ionia.....	1	(D)	1	(D)	-	-	-	-
Iosco.....	3	(Z)	-	-	3	(Z)	-	-
Isabella.....	1	(D)	1	(D)	-	-	-	-
Jackson.....	2	(D)	2	(D)	-	-	-	-
Kalamazoo.....	2	(D)	2	(D)	-	-	-	-
Kalkaska.....	2	(D)	2	(D)	-	-	-	-
Kent.....	10	(D) 2	10	(D) 2	-	-	2	(D)
Lapeer.....	1	(D)	1	(D)	-	-	1	(D)
Leelanau.....	5	(D) 1	5	(D) 1	-	-	-	-
Lenawee.....	2	(D)	2	(D)	-	-	2	(D)
Macomb.....	1	(D)	1	(D)	-	-	1	(D)
Manistee.....	5	1	5	1	-	-	-	-
Mason.....	2	(D)	2	(D)	-	-	-	-
Mecosta.....	2	(D)	2	(D)	-	-	-	-
Menominee.....	1	(D)	1	(D)	-	-	-	-
Midland.....	3	(Z)	3	(Z)	-	-	-	-
Monroe.....	2	(D)	2	(D)	-	-	-	-
Muskegon.....	1	(D)	1	(D)	-	-	1	(D)
Newaygo.....	3	552	2	(D)	1	(D)	4	652
Oceana.....	1	(D)	1	(D)	-	-	1	(D)
Ontonagon.....	2	(D)	2	(D)	-	-	-	-
Oscoda.....	4	(Z)	4	(Z)	-	-	-	-
Ottawa.....	7	(D)	7	(D)	-	-	2	(D)
Presque Isle.....	1	(D)	1	(D)	-	-	-	-
Saginaw.....	2	(D)	2	(D)	-	-	-	-
St. Clair.....	9	2	9	2	-	-	4	2
Schoolcraft.....	1	(D)	-	-	1	(D)	2	(D)
Shiawassee.....	2	(D)	2	(D)	-	-	-	-
Tuscola.....	2	(D)	2	(D)	-	-	2	(D)
Van Buren.....	2	(D)	2	(D)	-	-	1	(D)
Washtenaw.....	10	1	10	1	-	-	2	(D)
Wayne.....	5	1	5	1	-	-	-	-
WATERCRESS								
State Total								
Michigan.....	5	14	5	14	(X)	(X)	2	(D)
Counties								
Monroe.....	1	(D)	1	(D)	(X)	(X)	-	-
Van Buren.....	2	(D)	2	(D)	(X)	(X)	2	(D)
Wayne.....	2	(D)	2	(D)	(X)	(X)	-	-
WATERMELONS								
State Total								
Michigan.....	400	1,340	384	1,335	17	5	229	765
Counties								
Alcona.....	-	-	-	-	-	-	2	(D)
Alger.....	4	(Z)	-	-	4	(Z)	-	-
Allegan.....	5	1	5	1	-	-	6	2
Antrim.....	3	(Z)	3	(Z)	-	-	1	(D)
Arenac.....	-	-	-	-	-	-	2	(D)
Barry.....	8	1	8	1	-	-	2	(D)
Bay.....	14	26	14	26	-	-	7	12
Berrien.....	19	(D)	16	(D)	3	(Z)	17	439
Branch.....	2	(D)	2	(D)	-	-	3	1
Calhoun.....	15	8	11	7	4	1	3	(D)
Cass.....	14	4	14	4	-	-	1	(D)
Charlevoix.....	4	1	4	1	-	-	2	(D)
Clare.....	2	(D)	2	(D)	-	-	-	-
Clinton.....	13	3	13	3	-	-	-	-
Crawford.....	2	-	-	-	-	-	1	(D)
Dickinson.....	2	(D)	2	(D)	-	-	-	-
Eaton.....	7	1	7	1	-	-	2	(D)
Emmet.....	4	(D)	2	(D)	2	(D)	1	(D)
Genesee.....	2	(D)	2	(D)	-	-	4	6
Gladwin.....	6	1	6	1	-	-	4	3
Gogebic.....	-	-	-	-	-	-	1	(D)
Grand Traverse.....	3	(Z)	3	(Z)	-	-	-	-
Gratiot.....	12	3	12	3	-	-	4	2
Hillsdale.....	8	(D)	8	5	1	(D)	11	45
Huron.....	1	(D)	1	(D)	-	-	4	11
Ingham.....	3	(D)	2	(D)	1	(D)	4	5
Ionia.....	5	7	5	7	-	-	6	6
Isabella.....	4	6	4	6	-	-	-	-
Jackson.....	5	5	5	5	-	-	1	(D)
Kalamazoo.....	3	2	3	2	-	-	6	3
Kalkaska.....	4	1	4	1	-	-	1	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
WATERMELONS - Con.								
Counties - Con.								
Kent	17	22	17	22	-	-	2	(D)
Lapeer	11	9	11	9	-	-	7	9
Leelanau	11	2	11	2	-	-	4	1
Lenawee	12	17	12	17	-	-	3	3
Livingston	8	7	8	7	-	-	5	2
Macomb	11	21	11	21	-	-	13	26
Manistee	-	-	-	-	-	-	3	1
Mason	3	(D)	3	(D)	-	-	-	-
Mecosta	6	12	6	12	-	-	6	11
Midland	2	(D)	2	(D)	-	-	2	(D)
Missaukee	5	1	3	(D)	2	(D)	1	(D)
Monroe	17	(D)	17	(D)	-	-	6	(D)
Montcalm	2	(D)	2	(D)	-	-	5	2
Muskegon	12	2	12	2	-	-	3	2
Newaygo	6	3	6	3	-	-	6	5
Oceana	2	(D)	2	(D)	-	-	2	(D)
Ontonagon	2	(D)	2	(D)	-	-	2	-
Osceola	4	4	4	4	-	-	2	(D)
Oscoda	4	(D)	4	(D)	-	-	-	-
Otsego	-	-	-	-	-	-	2	(D)
Ottawa	11	2	11	2	-	-	2	(D)
Saginaw	4	2	4	2	-	-	3	1
St. Clair	12	9	12	9	-	-	3	11
St. Joseph	1	(D)	1	(D)	-	-	6	3
Sanilac	6	7	6	7	-	-	5	13
Shiawassee	6	1	6	1	-	-	2	(D)
Tuscola	8	10	8	10	-	-	5	11
Van Buren	6	7	6	7	-	-	14	35
Washtenaw	23	13	23	13	-	-	12	23
Wayne	16	11	16	11	-	-	8	14
Wexford	-	-	-	-	-	-	1	(D)
OTHER VEGETABLES (SEE TEXT)								
State Total								
Michigan	203	1,016	196	1,002	12	14	248	558
Counties								
Alcona	-	-	-	-	-	-	2	(D)
Alger	5	4	5	(D)	1	(D)	3	(Z)
Allegan	2	(D)	2	(D)	2	(D)	9	20
Antrim	-	-	-	-	-	-	5	(D)
Arenac	2	(D)	2	(D)	-	-	-	-
Baraga	-	-	-	-	-	-	2	(D)
Barry	1	(D)	1	(D)	-	-	1	(D)
Bay	2	(D)	2	(D)	-	-	3	7
Benzie	3	2	2	(D)	3	(D)	2	(D)
Berrien	9	7	9	7	-	-	7	9
Branch	2	(D)	2	(D)	-	-	-	-
Calhoun	4	25	4	25	-	-	6	4
Cass	-	-	-	-	-	-	2	(D)
Charlevoix	2	(D)	2	(D)	-	-	2	(D)
Cheboygan	2	(D)	2	(D)	-	-	-	-
Chippewa	1	(D)	1	(D)	-	-	3	1
Clare	4	4	4	4	-	-	4	(D)
Clinton	-	-	-	-	-	-	1	(D)
Delta	1	(D)	1	(D)	-	-	1	(D)
Eaton	1	(D)	1	(D)	-	-	4	1
Emmet	4	5	4	5	-	-	-	-
Genesee	6	11	1	(D)	5	(D)	7	13
Gladwin	-	-	-	-	-	-	2	(D)
Grand Traverse	1	(D)	1	(D)	-	-	4	2
Gratiot	1	(D)	1	(D)	-	-	4	8
Hillsdale	3	30	3	30	-	-	-	-
Huron	-	-	-	-	-	-	4	4
Ingham	3	(D)	3	(D)	-	-	6	6
Ionia	1	(D)	1	(D)	-	-	3	(D)
Isabella	2	(D)	2	(D)	-	-	-	-
Jackson	7	2	7	2	-	-	3	(D)
Kalamazoo	1	(D)	1	(D)	-	-	5	5
Kent	7	11	7	11	-	-	6	35
Lapeer	11	113	11	113	-	-	11	81
Leelanau	2	(D)	2	(D)	-	-	6	12
Lenawee	5	(D)	5	(D)	-	-	4	(D)
Livingston	8	9	8	9	-	-	4	2
Macomb	5	25	5	25	-	-	7	53
Manistee	-	-	-	-	-	-	2	(D)
Marquette	7	4	7	4	-	-	2	(D)
Mason	2	(D)	2	(D)	-	-	2	(D)
Mecosta	7	10	7	10	-	-	3	2
Menominee	4	4	4	4	-	-	-	-
Midland	3	2	3	2	-	-	-	-
Monroe	1	(D)	1	(D)	-	-	4	6
Montcalm	2	(D)	2	(D)	-	-	2	(D)
Muskegon	-	-	-	-	-	-	2	(D)
Newaygo	10	552	10	552	-	-	3	(D)
Oakland	-	-	-	-	-	-	11	5
Oceana	2	(D)	2	(D)	-	-	5	35
Ontonagon	-	-	-	-	-	-	2	(D)

--continued

Table 29. Vegetables, Potatoes, and Melons Harvested for Sale: 2017 and 2012 (continued)

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

Geographic area	2017						2012	
	Total harvested		Harvested for fresh market		Harvested for processing		total harvested	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
OTHER VEGETABLES (SEE TEXT) - Con.								
Counties - Con.								
Osceola.....	-	-	-	-	-	-	1	(D)
Oscoda.....	-	-	-	-	-	-	1	(D)
Otsego.....	-	-	-	-	-	-	1	(D)
Ottawa.....	2	(D)	2	(D)	-	-	9	19
Saginaw.....	8	6	8	6	-	-	2	(D)
St. Clair.....	2	(D)	2	(D)	-	-	5	5
St. Joseph.....	2	(D)	2	(D)	-	-	10	16
Sanilac.....	3	2	3	2	-	-	-	-
Shiawassee.....	2	(D)	2	(D)	-	-	-	-
Tuscola.....	4	2	3	(D)	1	(D)	8	9
Van Buren.....	7	15	7	15	-	-	10	38
Washtenaw.....	16	10	16	10	-	-	14	24
Wayne.....	8	16	8	16	-	-	13	5
Wexford.....	3	2	3	2	-	-	3	(D)

Table 30. Land in Orchards: 2017 and 2012

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

Geographic area	2017				2012			
	Total		Irrigated		Total		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
State Total								
Michigan	2,552	98,220	529	15,278	2,502	111,372	530	13,608
Counties								
Alcona.....	11	45	-	-	9	16	1	(D)
Alger.....	4	6	-	-	6	17	1	(D)
Allegan.....	50	1,744	5	30	59	1,619	5	21
Alpena.....	37	57	9	2	25	106	4	3
Antrim.....	63	6,754	23	1,489	80	6,704	22	1,879
Arenac.....	4	21	-	-	11	18	-	-
Baraga.....	6	(D)	-	-	4	24	-	-
Barry.....	11	13	1	(D)	12	28	-	-
Bay.....	10	22	-	-	18	34	2	(D)
Benzie.....	42	2,306	13	167	47	3,042	16	212
Berrien.....	227	11,234	50	1,131	296	13,217	44	1,051
Branch.....	4	(D)	-	-	17	152	2	(D)
Calhoun.....	38	82	4	2	18	55	8	26
Cass.....	38	1,876	11	249	32	1,337	7	347
Charlevoix.....	32	822	2	(D)	29	788	12	(D)
Cheboygan.....	21	43	1	(D)	23	65	2	(D)
Chippewa.....	14	25	-	-	12	24	-	-
Clare.....	13	20	-	-	11	34	3	10
Clinton.....	22	42	1	(D)	19	63	1	(D)
Delta.....	20	161	4	(D)	18	81	1	(D)
Dickinson.....	13	79	-	-	11	34	-	-
Eaton.....	17	94	1	(D)	7	79	4	35
Emmet.....	29	111	4	4	14	30	4	4
Genesee.....	25	165	5	1	25	562	3	4
Gladwin.....	8	29	1	(D)	2	(D)	1	(D)
Gogebic.....	5	6	1	(D)	2	(D)	-	-
Grand Traverse.....	159	7,279	75	2,234	183	8,721	91	2,360
Gratiot.....	4	38	3	(D)	5	37	-	-
Hillsdale.....	25	175	5	(D)	14	140	1	(D)
Houghton.....	13	14	4	3	19	33	8	11
Huron.....	20	21	-	-	6	21	1	(D)
Ingham.....	40	72	2	(D)	24	53	8	8
Ionia.....	22	159	6	84	18	542	4	16
Iosco.....	19	28	8	15	12	34	-	-
Iron.....	4	3	-	-	8	6	2	(D)
Isabella.....	22	61	-	-	15	90	2	(D)
Jackson.....	23	66	3	2	16	106	4	27
Kalamazoo.....	26	518	5	7	33	642	3	7
Kalkaska.....	11	23	3	15	6	12	-	-
Kent.....	101	10,051	33	2,955	128	12,174	32	2,383
Keweenaw.....	6	15	-	-	-	-	-	-
Lake.....	8	15	1	(D)	3	7	-	-
Lapeer.....	39	174	4	23	38	448	9	10
Leelanau.....	198	15,206	57	2,006	259	16,306	64	1,924
Lenawee.....	36	603	17	(D)	39	675	11	69
Livingston.....	43	156	3	(D)	15	64	4	8
Luce.....	3	(D)	-	-	1	(D)	-	-
Mackinac.....	8	22	-	-	5	8	3	(D)
Macomb.....	26	599	9	95	23	468	5	(D)
Manistee.....	28	1,384	5	316	34	1,442	8	164
Marquette.....	9	20	4	(D)	11	32	2	(D)
Mason.....	46	3,817	8	(D)	37	4,320	10	(D)
Mecosta.....	14	76	2	(D)	11	91	-	-
Menominee.....	21	58	1	(D)	20	85	2	(D)
Midland.....	20	52	1	(D)	15	85	-	-
Missaukee.....	6	(D)	2	(D)	3	7	2	(D)
Monroe.....	35	132	1	(D)	40	151	6	9
Montcalm.....	19	617	5	(D)	20	899	5	128
Montmorency.....	9	11	-	-	7	21	1	(D)
Muskegon.....	34	2,741	19	(D)	24	2,041	6	(D)
Newaygo.....	32	1,878	12	963	34	1,857	7	248
Oakland.....	35	361	3	3	16	228	2	(D)
Oceana.....	106	13,288	17	705	113	15,919	22	577
Ogemaw.....	13	46	-	-	6	53	-	-
Ontonagon.....	2	(D)	-	-	3	(D)	-	-
Osceola.....	11	17	1	(D)	16	81	1	(D)
Oscoda.....	3	3	-	-	6	8	-	-
Otsego.....	15	14	-	-	2	(D)	-	-
Ottawa.....	72	4,663	14	563	62	4,648	8	249
Presque Isle.....	7	25	2	(D)	11	77	1	(D)
Roscommon.....	-	-	-	-	5	31	2	(D)
Saginaw.....	29	59	3	5	19	83	2	(D)
St. Clair.....	31	51	4	6	18	142	-	-
St. Joseph.....	26	233	6	21	10	159	2	(D)
Sanilac.....	27	123	1	(D)	14	57	-	-
Schoolcraft.....	-	-	-	-	3	(D)	-	-
Shiawassee.....	17	95	1	(D)	19	104	3	(D)
Tuscola.....	21	65	2	(D)	16	140	4	6
Van Buren.....	141	6,833	15	330	158	9,480	14	389
Washtenaw.....	69	333	17	59	48	274	18	78
Wayne.....	18	43	8	5	11	61	2	(D)
Wexford.....	16	47	1	(D)	13	31	5	3

Table 31. Fruits and Nuts: 2017 and 2012

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

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
NONCITRUS, ALL (SEE TEXT)						
State Total						
Michigan.....2017	2,376	97,090	1,925	81,463	1,370	15,627
.....2012	2,394	110,163	2,056	92,899	1,372	17,264
Counties, 2017						
Alcona	11	45	8	12	7	33
Alger	4	6	4	-	-	-
Allegan	40	1,696	38	1,493	25	203
Alpena	37	(D)	21	(D)	25	34
Antrim	52	6,659	46	5,334	40	1,324
Arenac	4	21	2	(D)	4	(D)
Baraga	6	(D)	6	(D)	1	(D)
Barry	11	13	11	9	7	4
Bay	10	22	6	17	5	4
Benzie	39	2,270	39	1,951	28	318
Berrien	220	11,155	200	10,010	93	1,145
Branch	3	13	3	(D)	2	(D)
Calhoun	34	50	26	36	18	14
Cass	28	1,836	22	1,782	10	54
Charlevoix	31	(D)	23	650	21	(D)
Cheboygan	21	43	18	32	9	11
Chippewa	14	(D)	12	(D)	12	21
Clare	13	20	13	20	-	-
Clinton	20	40	12	24	10	16
Delta	19	(D)	9	(D)	12	72
Dickinson	13	79	7	9	13	70
Eaton	17	93	13	51	10	42
Emmet	28	(D)	23	(D)	23	56
Genesee	25	(D)	16	126	14	(D)
Gladwin	8	29	8	(D)	1	(D)
Gogebic	5	6	5	6	-	-
Grand Traverse	156	7,249	151	6,380	73	869
Gratiot	4	38	2	(D)	3	(D)
Hillsdale	14	124	14	(D)	5	(D)
Houghton	13	14	12	9	9	5
Huron	13	13	6	5	9	8
Ingham	38	53	32	41	12	12
Ionia	18	154	18	129	8	25
Iosco	19	28	9	7	17	21
Iron	4	3	4	(D)	2	(D)
Isabella	22	61	15	24	9	37
Jackson	22	59	12	25	15	34
Kalamazoo	23	492	17	448	13	44
Kalkaska	11	(D)	11	(D)	6	13
Kent	98	10,026	96	8,528	67	1,498
Keweenaw	6	15	6	15	-	-
Lake	15	15	2	(D)	7	(D)
Lapeer	36	156	36	118	14	38
Leelanau	196	15,173	195	12,449	125	2,724
Lenawee	31	591	31	546	6	44
Livingston	42	129	21	108	25	21
Luce	3	(D)	2	(D)	2	(D)
Mackinac	8	22	8	(D)	2	(D)
Macomb	26	(D)	21	411	21	(D)
Manistee	26	(D)	21	1,199	18	(D)
Marquette	9	20	7	18	5	1
Mason	45	(D)	41	3,273	18	(D)
Mecosta	14	(D)	9	35	5	(D)
Menominee	15	42	15	35	4	7
Midland	17	47	9	41	10	6
Missaukee	6	(D)	6	(D)	4	(D)
Monroe	25	129	17	106	18	23
Montcalm	17	(D)	11	539	11	(D)
Montmorency	9	11	8	6	5	5
Muskegon	31	2,729	19	2,234	24	496
Newaygo	29	1,860	24	1,177	26	683
Oakland	35	361	8	272	31	89
Oceana	96	13,243	73	10,751	64	2,492
Ogemaw	13	46	4	(D)	11	(D)
Ontonagon	2	(D)	2	(D)	-	-
Osceola	11	(D)	11	11	1	(D)
Oscoda	3	3	3	3	-	-
Otsego	15	14	3	(D)	12	(D)
Ottawa	64	4,555	61	3,777	42	777
Presque Isle	7	25	4	16	4	9
Saginaw	29	(D)	16	(D)	22	39
St. Clair	31	46	19	18	23	28
St. Joseph	24	(D)	7	193	18	(D)
Sanilac	23	114	17	33	14	82
Shiawassee	16	(D)	8	55	11	(D)
Tuscola	20	(D)	5	(D)	19	26
Van Buren	137	(D)	127	6,243	48	(D)
Washtenaw	50	282	37	154	30	127
Wayne	17	(D)	17	32	9	(D)
Wexford	16	46	4	20	14	27

--continued

Table 31. Fruits and Nuts: 2017 and 2012 (continued)

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

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
APPLES						
State Total						
Michigan	1,551	38,563	1,239	32,941	816	5,623
2012	1,584	43,240	1,299	37,575	861	5,665
Counties, 2017						
Alcona	11	43	8	(D)	5	(D)
Alger	3	(D)	3	(D)	-	-
Allegan	28	755	26	691	14	65
Alpena	24	36	14	14	19	22
Antrim	34	784	34	733	18	50
Arenac	4	21	2	(D)	4	(D)
Baraga	2	(D)	2	(D)	1	(D)
Barry	8	10	8	8	7	3
Bay	8	14	4	(D)	4	(D)
Benzie	26	708	26	654	15	54
Berrien	118	2,903	107	2,551	45	352
Branch	3	(D)	1	(D)	2	(D)
Calhoun	21	22	21	19	10	4
Cass	23	499	17	444	10	54
Charlevoix	18	293	16	267	13	26
Cheboygan	9	14	7	13	4	1
Chippewa	12	16	12	(D)	10	(D)
Clare	13	19	13	19	-	-
Clinton	20	33	12	23	10	10
Delta	15	122	5	51	12	72
Dickinson	11	76	5	(D)	11	(D)
Eaton	15	71	11	46	8	26
Emmet	2	(D)	2	(D)	-	-
Genesee	20	159	11	125	14	34
Gladwin	8	26	8	26	-	-
Gogebic	5	(D)	5	(D)	-	-
Grand Traverse	44	1,193	44	1,121	17	73
Gratiot	4	(D)	2	(D)	3	(D)
Hillsdale	11	117	8	(D)	4	(D)
Houghton	7	11	6	7	5	3
Huron	5	(D)	5	(D)	-	-
Ingham	34	42	29	34	16	8
Ionia	17	136	17	114	7	23
Iosco	13	20	8	(D)	10	(D)
Iron	4	2	4	-	2	-
Isabella	21	29	14	(D)	9	(D)
Jackson	16	41	6	18	12	23
Kalamazoo	15	100	12	90	5	9
Kalkaska	8	6	8	(D)	3	(D)
Kent	84	9,692	82	8,264	60	1,428
Keweenaw	6	11	6	11	-	-
Lake	8	8	2	(D)	7	(D)
Lapeer	35	137	35	103	7	33
Leelanau	68	985	67	905	25	80
Lenawee	19	548	19	(D)	4	(D)
Livingston	37	101	14	90	24	12
Luce	3	(D)	2	(D)	2	(D)
Mackinac	8	(D)	8	(D)	2	(D)
Macomb	23	434	21	336	15	98
Manistee	13	463	13	428	6	35
Marquette	4	18	4	18	-	-
Mason	32	1,429	28	1,285	13	144
Mecosta	12	35	7	(D)	5	(D)
Menominee	13	(D)	13	33	4	(D)
Midland	15	44	9	(D)	8	(D)
Missaukee	4	(D)	4	(D)	2	(D)
Monroe	17	91	17	81	9	10
Montcalm	17	576	11	510	11	66
Montmorency	7	7	6	(D)	5	(D)
Muskegon	26	2,595	14	2,160	19	436
Newaygo	25	1,642	21	1,015	19	627
Oakland	28	334	7	260	24	74
Oceana	63	3,650	58	3,347	31	303
Ogemaw	6	22	4	(D)	3	(D)
Ontonagon	2	(D)	2	(D)	-	-
Osceola	11	13	11	(D)	1	(D)
Oscoda	3	3	3	3	-	-
Otsego	15	10	3	(D)	12	(D)
Ottawa	46	4,131	45	3,482	29	648
Presque Isle	7	(D)	4	(D)	4	9
Saginaw	28	38	13	13	20	25
St. Clair	20	24	15	10	8	15
St. Joseph	18	61	3	(D)	15	(D)
Sanilac	16	62	10	19	11	43
Shiawassee	9	63	5	50	6	13
Tuscola	11	11	5	4	7	7
Van Buren	64	2,532	52	2,342	29	189
Washtenaw	40	228	32	126	22	102
Wayne	13	37	12	(D)	7	(D)
Wexford	15	41	4	20	13	21

--continued

Table 31. Fruits and Nuts: 2017 and 2012 (continued)

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

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
APRICOTS						
State Total						
Michigan.....	2017	70	39	49	33	21
	2012	48	32	39	13	9
Counties, 2017						
Alcona	1	(D)	1	(D)	-	-
Allegan	4	(D)	2	(D)	2	(D)
Antrim	1	(D)	1	(D)	1	(D)
Benzie	3	(D)	2	(D)	1	(D)
Berrien	14	(D)	12	18	3	(D)
Cass	1	(D)	1	(D)	-	-
Charlevoix	2	(D)	1	(D)	1	(D)
Genesee	1	(D)	-	-	1	(D)
Grand Traverse	1	(D)	1	(D)	-	-
Ingham	1	(D)	-	-	1	(D)
Ionia	2	(D)	-	-	2	(D)
Kalamazoo	1	(D)	1	(D)	-	-
Lake	1	(D)	1	(D)	1	(D)
Leelanau	4	18	4	(D)	2	(D)
Lenawee	2	(D)	2	(D)	-	-
Livingston	2	(D)	-	-	2	(D)
Manistee	5	4	2	(D)	3	(D)
Mason	2	(D)	1	(D)	1	(D)
Monroe	1	(D)	-	-	1	(D)
Montcalm	1	(D)	-	-	1	(D)
Oceana	2	(D)	2	(D)	2	(D)
Ottawa	1	(D)	1	(D)	-	-
St. Joseph	5	5	-	-	5	5
Shiawassee	1	(D)	-	-	1	(D)
Van Buren	4	2	4	2	-	-
Washtenaw	2	(D)	-	-	2	(D)
CHERRIES, SWEET						
State Total						
Michigan.....	2017	7,807	375	6,701	265	1,106
	2012	9,158	503	7,674	314	1,484
Counties, 2017						
Alcona	2	(D)	-	-	2	(D)
Allegan	10	30	8	(D)	3	(D)
Alpena	1	(D)	-	-	-	-
Antrim	22	740	21	660	14	80
Baraga	1	(D)	-	-	1	(D)
Barry	2	(D)	2	(D)	-	-
Bay	4	(D)	-	-	4	(D)
Benzie	18	194	18	149	7	44
Berrien	35	202	30	174	12	28
Calhoun	1	(D)	1	(D)	-	-
Cass	1	(D)	1	(D)	-	-
Charlevoix	4	46	3	(D)	2	(D)
Chippewa	1	(D)	1	(D)	-	-
Clinton	1	(D)	1	(D)	-	-
Eaton	9	15	2	(D)	7	(D)
Genesee	6	2	-	-	6	2
Gladwin	1	(D)	1	(D)	1	(D)
Grand Traverse	61	1,780	61	1,523	28	257
Hillsdale	3	(D)	2	(D)	1	(D)
Houghton	4	(Z)	-	-	4	(Z)
Ingham	8	2	4	(D)	4	(D)
Ionia	5	2	5	2	-	-
Iosco	6	(D)	-	-	6	(D)
Isabella	6	(D)	-	-	6	(D)
Jackson	6	(D)	-	-	6	(D)
Kalamazoo	5	1	5	1	-	-
Kalkaska	2	(D)	2	(D)	-	-
Kent	14	33	14	30	7	3
Lake	7	2	1	(D)	7	(D)
Lapeer	5	2	5	2	-	-
Leelanau	103	3,805	98	3,249	58	556
Lenawee	3	(D)	3	(D)	-	-
Livingston	7	(D)	3	(D)	4	(Z)
Luce	1	(D)	1	(D)	-	-
Mackinac	2	(D)	-	-	2	(D)
Macomb	6	20	6	15	5	5
Manistee	7	147	7	120	6	27
Mason	17	319	13	319	4	(Z)
Monroe	2	(D)	-	-	2	(D)
Montcalm	2	(D)	2	(D)	-	-
Montmorency	1	(D)	-	-	1	(D)
Muskegon	3	(D)	3	(D)	1	(D)
Newaygo	8	60	4	45	7	15
Oceana	20	252	19	228	9	24
Ogemaw	2	(D)	-	-	2	(D)
Otsego	1	1	-	-	1	1
Ottawa	15	69	14	(D)	1	(D)
Saginaw	7	4	1	(D)	7	(D)
St. Clair	1	(D)	-	-	1	(D)
St. Joseph	5	5	1	(D)	4	(D)
Sanilac	6	15	-	-	6	15

--continued

Table 31. Fruits and Nuts: 2017 and 2012 (continued)

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

Geographic area	Total		Bearing age acres		Nonbearing age acres		
	Farms	Acres	Farms	Acres	Farms	Acres	
CHERRIES, SWEET - Con.							
Counties, 2017 - Con.							
Shiawassee	3	(D)	1	(D)	2	(D)	
Van Buren	6	8	6	8	-	-	
Washtenaw	2	(D)	-	-	2	(D)	
Wayne	4	1	4	(D)	2	(D)	
Wexford	5	(D)	-	-	5	(D)	
CHERRIES, TART							
State Total							
Michigan	2017	546	33,381	464	26,084	322	7,296
	2012	674	36,951	567	28,856	373	8,094
Counties, 2017							
Alcona	3	(D)	1	(D)	2	(D)	
Alger	1	(D)	1	(D)	-	-	
Allegan	8	252	6	197	5	55	
Alpena	6	1	6	1	-	-	
Antrim	34	5,042	27	3,887	32	1,154	
Barry	2	(D)	2	(D)	-	-	
Benzie	17	1,314	17	1,103	12	211	
Berrien	39	1,265	31	904	20	361	
Branch	1	(D)	1	(D)	-	-	
Calhoun	1	(D)	-	-	1	(D)	
Cass	1	(D)	1	(D)	-	-	
Charlevoix	7	(D)	4	(D)	5	(D)	
Clinton	3	(D)	1	(D)	2	(D)	
Delta	2	(D)	2	(D)	-	-	
Emmet	1	(D)	1	(D)	-	-	
Genesee	7	2	1	(D)	6	(D)	
Gladwin	1	(D)	1	(D)	1	(D)	
Gogebic	1	(D)	1	(D)	-	-	
Grand Traverse	63	3,298	63	2,832	37	466	
Hillsdale	1	(D)	1	(D)	-	-	
Houghton	9	1	5	1	4	(Z)	
Ingham	9	2	7	(D)	2	(D)	
Ionia	4	(D)	4	(D)	-	-	
Iron	1	(D)	1	(D)	-	-	
Isabella	4	(D)	4	(D)	1	(D)	
Jackson	1	(D)	1	(D)	-	-	
Kalamazoo	9	(D)	8	(D)	2	(D)	
Kent	13	180	13	131	10	49	
Keweenaw	6	3	6	3	-	-	
Lapeer	3	(D)	3	(D)	1	(D)	
Leelanau	114	9,465	114	7,459	74	2,006	
Lenawee	4	2	4	2	-	-	
Livingston	3	(D)	1	(D)	2	(D)	
Mackinac	2	(D)	-	-	2	(D)	
Macomb	6	4	6	3	4	2	
Manistee	9	677	9	582	5	95	
Mason	15	1,836	15	1,474	7	361	
Midland	2	(D)	-	-	2	(D)	
Monroe	3	(D)	1	(D)	2	(D)	
Muskegon	2	(D)	2	(D)	1	(D)	
Newaygo	8	125	4	(D)	6	(D)	
Oakland	3	(D)	3	(D)	-	-	
Oceana	56	8,306	49	6,333	37	1,973	
Osceola	1	(D)	1	(D)	-	-	
Ottawa	10	(D)	10	99	1	(D)	
Saginaw	6	(D)	4	(Z)	2	(D)	
St. Joseph	5	3	1	(D)	4	(D)	
Sanilac	8	17	2	(D)	8	(D)	
Shiawassee	1	(D)	-	-	1	(D)	
Tuscola	1	(D)	1	(D)	-	-	
Van Buren	19	823	14	556	14	267	
Washtenaw	3	(D)	1	(D)	2	(D)	
Wayne	2	(D)	2	(D)	-	-	
Wexford	5	1	-	-	5	1	
GRAPES							
State Total							
Michigan	2017	791	13,127	597	12,296	367	830
	2012	745	15,037	604	13,917	303	1,120
Counties, 2017							
Alcona	1	(D)	1	(D)	-	-	
Allegan	12	261	8	225	8	36	
Alpena	9	16	1	(D)	8	(D)	
Antrim	4	33	4	23	3	10	
Barry	7	(D)	2	(D)	5	(D)	
Bay	3	(D)	3	(D)	1	(D)	
Benzie	12	38	12	33	4	5	
Berrien	124	5,638	118	5,409	33	228	
Calhoun	16	6	5	3	11	3	
Cass	9	(D)	9	(D)	-	-	
Charlevoix	12	29	5	14	7	15	
Cheboygan	14	29	11	19	7	10	
Chippewa	2	(D)	-	-	2	(D)	

--continued

Table 31. Fruits and Nuts: 2017 and 2012 (continued)

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

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
GRAPES - Con.						
Counties, 2017 - Con.						
Clare	4	(D)	4	(D)	-	-
Clinton	1	(D)	1	(D)	-	-
Delta	3	13	3	13	-	-
Dickinson	2	(D)	2	(D)	2	(D)
Eaton	4	(D)	2	(D)	2	(D)
Emmet	26	105	21	49	23	56
Genesee	8	2	3	(D)	5	(D)
Gladwin	1	(D)	1	(D)	-	-
Grand Traverse	88	880	83	(D)	24	(D)
Hillsdale	3	(D)	3	(D)	-	-
Houghton	4	(Z)	4	(Z)	-	-
Huron	8	11	5	(D)	8	(D)
Ingham	10	3	1	1	7	2
Ionia	4	1	4	(D)	2	(D)
Isabella	8	(D)	1	(D)	8	6
Jackson	9	16	6	(D)	3	(D)
Kalamazoo	5	(D)	5	(D)	1	(D)
Kalkaska	3	15	3	(D)	3	(D)
Kent	13	5	13	2	6	2
Lake	7	(D)	1	(D)	7	1
Lapeer	10	10	3	(D)	7	(D)
Leelanau	58	817	57	744	27	73
Lenawee	6	8	6	(D)	1	(D)
Livingston	6	5	3	4	3	1
Macomb	7	72	4	2	6	70
Manistee	7	7	2	(D)	5	(D)
Marquette	5	(D)	3	(Z)	5	(D)
Mason	9	15	5	11	8	4
Mecosta	2	(D)	2	(D)	-	-
Menominee	1	(D)	1	(D)	-	-
Midland	6	(D)	-	-	6	(D)
Missaukee	4	(D)	2	(D)	2	(D)
Monroe	8	6	8	6	-	-
Montcalm	3	(D)	3	1	1	(D)
Montmorency	2	(D)	2	(D)	-	-
Muskegon	8	8	8	(D)	2	(D)
Newaygo	2	(D)	1	1	1	(D)
Oakland	21	14	1	1	21	(D)
Oceana	14	(D)	2	(D)	13	17
Ogemaw	7	19	-	-	7	19
Osceola	2	(D)	2	(D)	-	-
Otsego	6	1	-	-	6	1
Ottawa	13	42	13	29	11	14
Saginaw	5	3	4	3	3	1
St. Clair	7	5	6	2	3	2
St. Joseph	10	(D)	4	(D)	6	1
Sanilac	4	10	4	(D)	2	(D)
Shiawassee	6	8	4	4	3	(D)
Tuscola	3	(Z)	3	(Z)	-	-
Van Buren	86	3,183	82	3,105	16	78
Washtenaw	20	22	11	3	11	19
Wayne	6	3	6	3	-	-
Wexford	1	(D)	-	-	1	(D)
NECTARINES						
State Total						
Michigan	44	40	31	37	18	4
Michigan	25	32	18	26	9	6
Counties, 2017						
Allegan	4	(D)	2	(D)	2	(D)
Antrim	1	(D)	1	(D)	-	-
Benzie	1	(D)	-	-	1	(D)
Berrien	14	24	14	(D)	1	(D)
Grand Traverse	2	(D)	2	(D)	-	-
Ionia	2	(D)	-	-	2	(D)
Kent	1	(D)	1	(D)	-	-
Lapeer	2	(D)	2	(D)	-	-
Leelanau	1	(D)	-	-	1	(D)
Macomb	3	(D)	3	1	3	(D)
Mason	1	(D)	1	(D)	-	-
Monroe	1	(D)	-	-	1	(D)
Montcalm	1	(D)	1	(D)	-	-
Oceana	1	(D)	1	(D)	1	(D)
Ottawa	3	(D)	3	(D)	-	-
Shiawassee	1	(D)	-	-	1	(D)
Van Buren	3	(D)	-	-	3	(D)
Washtenaw	2	(D)	-	-	2	(D)
PEACHES, ALL						
State Total						
Michigan	477	2,863	352	2,367	220	497
Michigan	607	4,002	434	3,419	313	583

--continued

Table 31. Fruits and Nuts: 2017 and 2012 (continued)

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

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
PEACHES, ALL - Con.						
Counties, 2017						
Allegan.....	19	292	17	259	11	33
Antrim.....	2	(D)	1	(D)	1	(D)
Barry.....	5	1	-	-	5	1
Benzie.....	4	(D)	1	(D)	3	(D)
Berrien.....	66	961	66	816	24	144
Branch.....	2	(D)	2	(D)	-	-
Calhoun.....	16	8	12	6	7	2
Cass.....	8	26	8	26	-	-
Charlevoix.....	2	(D)	-	-	2	(D)
Clare.....	1	(D)	1	(D)	-	-
Clinton.....	5	(D)	1	(D)	4	(Z)
Eaton.....	6	(D)	4	(D)	3	(D)
Genesee.....	6	1	6	1	-	-
Gladwin.....	1	(D)	1	(D)	-	-
Grand Traverse.....	4	(D)	4	(D)	-	-
Gratiot.....	1	(D)	1	(D)	-	-
Hillsdale.....	5	3	5	3	-	-
Ingham.....	4	2	4	2	-	-
Ionia.....	7	9	7	9	-	-
Iosco.....	1	(D)	1	(D)	-	-
Isabella.....	8	(D)	2	(D)	7	(D)
Jackson.....	2	(D)	1	(D)	1	(D)
Kalamazoo.....	11	22	8	19	5	3
Kent.....	14	104	10	(D)	6	(D)
Lake.....	6	(D)	-	-	6	(D)
Lapeer.....	3	(D)	2	(D)	2	(D)
Leelanau.....	7	(D)	7	(D)	-	-
Lenawee.....	8	20	8	(D)	2	(D)
Livingston.....	13	5	10	5	3	(Z)
Macomb.....	4	52	4	43	3	9
Manistee.....	8	77	8	57	6	20
Mason.....	17	128	13	(D)	6	(D)
Mecosta.....	4	2	4	2	-	-
Midland.....	3	1	1	(D)	3	(D)
Monroe.....	9	19	9	(D)	2	(D)
Montcalm.....	6	30	6	(D)	3	(D)
Montmorency.....	2	(D)	-	-	2	(D)
Muskegon.....	9	53	5	17	7	36
Newaygo.....	11	14	8	10	6	4
Oakland.....	9	(D)	1	(D)	8	(D)
Oceana.....	34	724	32	579	12	145
Ogemaw.....	2	(D)	-	-	2	(D)
Oshtemo.....	6	1	-	-	6	1
Ottawa.....	12	99	9	(D)	8	(D)
Presque Isle.....	1	(D)	1	(D)	1	-
Saginaw.....	8	3	3	(D)	7	(D)
St. Clair.....	17	13	9	3	10	10
St. Joseph.....	17	22	2	(D)	15	(D)
Sanilac.....	5	3	4	(D)	3	(D)
Shiawassee.....	7	1	1	(D)	6	(D)
Tuscola.....	4	1	-	-	4	1
Van Buren.....	32	105	32	98	5	8
Washtenaw.....	11	11	8	(D)	4	(D)
Wayne.....	2	(D)	2	(D)	-	-
PEACHES, CLINGSTONE						
State Total						
Michigan.....	2017	897	114	737	57	160
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 2017						
Allegan.....	5	23	3	(D)	3	(D)
Antrim.....	1	(D)	1	(D)	-	-
Berrien.....	19	52	18	45	3	8
Calhoun.....	2	(D)	2	(D)	-	-
Cass.....	4	1	4	1	-	-
Charlevoix.....	2	(D)	-	-	2	(D)
Eaton.....	2	(D)	2	(D)	-	-
Genesee.....	6	1	6	1	-	-
Gladwin.....	1	(D)	1	(D)	-	-
Hillsdale.....	3	(D)	3	(D)	-	-
Isabella.....	6	(D)	-	-	6	(D)
Kent.....	5	(D)	1	(D)	4	(Z)
Lenawee.....	1	(D)	1	(D)	-	-
Livingston.....	9	(D)	6	(D)	3	(Z)
Manistee.....	2	(D)	2	(D)	1	(D)
Mason.....	5	(D)	1	(D)	5	(D)
Mecosta.....	4	2	4	2	-	-
Montmorency.....	2	(D)	-	-	2	(D)
Muskegon.....	1	(D)	1	(D)	-	-
Newaygo.....	5	1	5	1	-	-
Oceana.....	27	617	26	498	8	119
Ottawa.....	3	(D)	-	-	3	(D)
Saginaw.....	5	(D)	-	-	5	(D)
St. Joseph.....	9	6	-	-	9	6
Sanilac.....	1	(D)	1	(D)	-	-
Shiawassee.....	2	(D)	-	-	2	(D)
Van Buren.....	18	30	18	30	-	-

--continued

Table 31. Fruits and Nuts: 2017 and 2012 (continued)

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

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
PEACHES, CLINGSTONE - Con.						
Counties, 2017 - Con.						
Washtenaw	6	4	6	(D)	1	(D)
Wayne	2	(D)	2	(D)	-	(D)
PEACHES, FREESTONE						
State Total						
Michigan.....2017	354	1,967	265	1,630	173	337
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 2017						
Allegan	18	269	16	(D)	11	(D)
Antrim	1	(D)	-	-	1	(D)
Barry	5	1	-	-	5	1
Benzie	4	(D)	1	(D)	3	(D)
Berrien	63	909	63	772	21	137
Branch	2	(D)	2	(D)	-	-
Calhoun.....	14	(D)	10	(D)	7	2
Cass	4	25	4	25	-	-
Clare	1	(D)	1	(D)	-	-
Clinton.....	5	(D)	1	(D)	4	(Z)
Eaton.....	4	(D)	2	(D)	3	(D)
Grand Traverse.....	4	(D)	4	(D)	-	-
Gratiot	1	(D)	1	(D)	-	-
Hillsdale	2	(D)	2	(D)	-	-
Ingham	4	2	4	2	-	-
Ionia	7	9	7	9	-	-
Iosco	1	(D)	1	(D)	-	-
Isabella.....	2	(D)	2	(D)	1	(D)
Jackson.....	2	(D)	1	(D)	1	(D)
Kalamazoo	11	22	8	19	5	3
Kent.....	10	(D)	10	89	2	(D)
Lake	6	(D)	-	-	6	(D)
Lapeer.....	3	(D)	2	(D)	2	(D)
Leelanau	7	(D)	7	(D)	-	-
Lenawee	7	(D)	7	17	2	(D)
Livingston.....	4	(D)	4	(D)	-	-
Macomb	4	52	4	43	3	9
Manistee	6	(D)	6	(D)	5	(D)
Mason	12	(D)	12	36	1	(D)
Midland	3	1	1	(D)	3	(D)
Monroe.....	9	19	9	(D)	2	(D)
Montcalm	6	30	6	(D)	3	(D)
Muskegon	8	(D)	4	(D)	7	36
Newaygo	7	13	4	9	6	4
Oakland	9	(D)	1	(D)	8	(D)
Oceana	9	107	8	81	6	26
Ogemaw.....	2	(D)	-	-	2	(D)
Otsego	6	1	-	-	6	1
Ottawa.....	9	(D)	9	(D)	5	(D)
Presque Isle.....	1	(D)	1	(D)	-	-
Saginaw	3	(D)	3	(D)	2	(D)
St. Clair	17	13	9	3	10	10
St. Joseph	12	16	2	(D)	10	(D)
Sanilac	4	(D)	3	(D)	3	(D)
Shiawassee.....	6	(D)	1	(D)	5	1
Tuscola	4	1	-	-	4	1
Van Buren	15	75	15	67	5	8
Washtenaw	10	7	7	(D)	3	(D)
PEARS, ALL						
State Total						
Michigan.....2017	417	699	250	584	207	115
2012	422	946	267	825	194	121
Counties, 2017						
Alcona	3	(D)	1	(D)	2	(D)
Allegan	15	40	12	35	6	5
Alpena	4	(D)	2	(D)	2	(D)
Antrim.....	3	(D)	3	(D)	-	-
Baraga	4	1	4	1	-	-
Barry	8	1	3	(D)	5	(D)
Bay	4	1	-	-	4	1
Benzie	4	(D)	2	(D)	4	1
Berrien	29	56	19	54	10	2
Branch	1	(D)	1	(D)	-	-
Calhoun.....	14	10	14	6	7	4
Cass	3	1	3	1	-	-
Charlevoix	7	2	1	(D)	6	(D)
Clinton	6	5	2	(D)	4	(D)
Dickinson	1	(D)	2	-	1	(D)
Eaton	7	1	2	(D)	5	(D)
Genesee	3	(D)	1	(D)	2	(D)
Gladwin	3	1	3	1	-	-
Grand Traverse.....	4	39	4	39	-	-
Hillsdale	2	(D)	2	(D)	-	-
Houghton	7	1	7	1	-	-
Huron	1	(D)	1	(D)	1	(D)

--continued

Table 31. Fruits and Nuts: 2017 and 2012 (continued)

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

Geographic area	Total		Bearing age acres		Nonbearing age acres		
	Farms	Acres	Farms	Acres	Farms	Acres	
PEARS, ALL - Con.							
Counties, 2017 - Con.							
Ingham.....	7	(D)	3	1	4	(D)	
Ionia.....	6	2	3	(D)	3	(D)	
Iosco.....	1	(D)	-	-	1	(D)	
Iron.....	3	(Z)	3	(Z)	-	(D)	
Isabella.....	10	8	4	2	7	6	
Jackson.....	1	(D)	1	(D)	-	-	
Kalamazoo.....	9	7	6	2	3	4	
Kalkaska.....	3	1	3	1	-	-	
Kent.....	5	(D)	5	2	4	(D)	
Lake.....	1	(D)	1	(D)	1	(D)	
Lapeer.....	2	(D)	2	(D)	1	(D)	
Leelanau.....	8	27	8	(D)	1	(D)	
Lenawee.....	8	3	8	3	-	-	
Livingston.....	16	6	12	(D)	4	(D)	
Mackinac.....	2	(D)	-	-	2	(D)	
Macomb.....	6	4	4	2	5	3	
Manistee.....	2	(D)	1	(D)	1	(D)	
Marquette.....	2	(D)	-	-	2	(D)	
Mason.....	10	49	6	44	4	6	
Mecosta.....	1	(D)	1	(D)	-	-	
Menominee.....	1	(D)	1	(D)	1	(D)	
Midland.....	9	1	-	-	9	1	
Missaukee.....	1	(D)	-	-	1	(D)	
Monroe.....	10	13	2	(D)	8	(D)	
Montcalm.....	5	4	5	(D)	1	(D)	
Montmorency.....	4	(D)	-	-	4	(D)	
Muskegon.....	5	2	1	(D)	4	(D)	
Newaygo.....	7	(D)	2	(D)	6	3	
Oakland.....	9	3	1	(D)	8	(D)	
Oceana.....	7	209	7	(D)	1	(D)	
Ogemaw.....	3	(D)	-	-	3	(D)	
Otsego.....	6	1	-	-	6	1	
Ottawa.....	6	6	5	(D)	1	(D)	
Presque Isle.....	1	(D)	1	(D)	-	-	
Saginaw.....	13	5	1	(D)	13	(D)	
St. Clair.....	10	(D)	9	2	4	(D)	
St. Joseph.....	10	9	1	(D)	9	(D)	
Sanilac.....	7	7	7	(D)	2	(D)	
Shiawassee.....	3	(D)	1	(D)	2	(D)	
Tuscola.....	9	18	-	-	9	18	
Van Buren.....	21	89	18	88	4	1	
Washtenaw.....	22	14	20	13	5	1	
Wayne.....	12	2	10	2	4	(Z)	
PEARS, BARTLETT							
State Total							
Michigan.....	2017 2012	242 (NA)	459 (NA)	153 (NA)	413 (NA)	110 (NA)	47 (NA)
Counties, 2017							
Alcona.....	1	(D)	1	(D)	-	-	
Allegan.....	11	18	9	16	4	2	
Alpena.....	3	(D)	1	(D)	2	(D)	
Antrim.....	1	(D)	1	(D)	-	-	
Barry.....	2	(D)	2	(D)	-	-	
Bay.....	4	1	-	-	4	1	
Benzie.....	4	(D)	2	(D)	4	(D)	
Berrien.....	14	36	14	36	-	-	
Branch.....	1	(D)	1	(D)	-	-	
Calhoun.....	7	3	7	2	3	1	
Charlevoix.....	5	(D)	1	(D)	4	2	
Clinton.....	6	5	2	(D)	4	(D)	
Eaton.....	3	(D)	-	-	3	(D)	
Genesee.....	2	(D)	1	(D)	1	(D)	
Gladwin.....	1	(D)	1	(D)	-	-	
Grand Traverse.....	1	(D)	1	(D)	-	-	
Hillsdale.....	2	(D)	2	(D)	-	-	
Houghton.....	4	(Z)	4	(Z)	-	-	
Huron.....	1	(D)	-	-	1	(D)	
Ingham.....	7	(D)	3	(D)	4	(D)	
Ionia.....	3	(D)	1	(D)	2	(D)	
Isabella.....	6	(D)	-	-	6	(D)	
Jackson.....	1	(D)	1	(D)	-	-	
Kalamazoo.....	5	2	4	(D)	1	(D)	
Kalkaska.....	3	(Z)	3	(Z)	-	-	
Kent.....	5	(D)	5	2	4	(D)	
Lapeer.....	2	(D)	2	(D)	1	(D)	
Leelanau.....	6	(D)	6	26	1	(D)	
Lenawee.....	8	(D)	8	(D)	-	-	
Livingston.....	8	2	6	(D)	2	(D)	
Macomb.....	5	2	3	1	5	1	
Manistee.....	1	(D)	1	(D)	-	-	
Mason.....	8	(D)	4	(D)	4	6	
Midland.....	2	(D)	-	-	2	(D)	
Monroe.....	2	(D)	2	(D)	-	-	
Montcalm.....	4	(D)	4	3	1	(D)	
Montmorency.....	2	(D)	-	-	2	(D)	
Muskegon.....	5	2	1	(D)	4	(D)	

--continued

Table 31. Fruits and Nuts: 2017 and 2012 (continued)

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

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
PEARS, BARTLETT - Con.						
Counties, 2017 - Con.						
Newaygo	4	(D)	2	(D)	3	(D)
Oakland	9	1	1	(D)	8	(D)
Oceana	7	209	7	(D)	1	(D)
Ogemaw	3	2	-	(D)	3	(D)
Ottawa	5	(D)	5	(D)	-	2
Saginaw	8	1	1	(D)	8	(D)
St. Clair	7	(D)	6	(D)	1	(D)
St. Joseph	10	(D)	1	(D)	9	(D)
Shiawassee	3	(D)	1	(D)	2	(D)
Van Buren	7	(D)	4	(D)	4	1
Washtenaw	17	3	15	(D)	2	(D)
Wayne	6	1	6	1	-	-
PEARS, OTHER THAN BARTLETT						
State Total						
Michigan	2017	239	150	171	142	68
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 2017						
Alcona	2	(D)	-	-	2	(D)
Allegan	9	22	6	19	5	3
Alpena	1	(D)	1	(D)	-	-
Antrim	2	(D)	2	(D)	-	-
Baraga	4	1	4	1	-	-
Barry	8	(D)	3	(D)	5	(D)
Benzie	2	(D)	-	-	2	(D)
Berrien	22	20	12	19	10	2
Branch	1	(D)	1	(D)	-	-
Calhoun	10	7	10	4	7	3
Cass	3	1	3	1	-	-
Charlevoix	2	(D)	-	-	2	(D)
Dickinson	1	(D)	-	-	1	(D)
Eaton	7	(D)	2	(D)	5	(D)
Genesee	2	(D)	-	-	2	(D)
Gladwin	3	(D)	3	(D)	-	-
Grand Traverse	4	(D)	4	(D)	-	-
Houghton	3	(D)	3	(D)	-	-
Huron	1	(D)	1	(D)	-	-
Ingham	5	1	3	(D)	2	(D)
Ionia	3	(D)	2	(D)	1	(D)
Iosco	1	(D)	-	-	1	(D)
Iron	3	(D)	3	(D)	-	-
Isabella	4	(D)	4	(D)	1	(D)
Kalamazoo	6	(D)	5	(D)	3	(D)
Kalkaska	3	(D)	3	(D)	-	-
Lake	1	(D)	1	(D)	1	(D)
Lapeer	1	(D)	1	(D)	-	-
Leelanau	2	(D)	2	(D)	-	-
Lenawee	1	(D)	1	(D)	-	-
Livingston	13	4	9	(D)	4	(D)
Mackinac	2	(D)	-	-	2	(D)
Macomb	6	2	4	1	5	1
Manistee	1	(D)	-	-	1	(D)
Marquette	2	(D)	-	-	2	(D)
Mason	2	(D)	2	(D)	-	-
Mecosta	1	(D)	1	(D)	-	-
Menominee	1	(D)	1	(D)	1	(D)
Midland	7	(D)	-	-	7	(D)
Missaukee	1	(D)	-	-	1	(D)
Monroe	8	(D)	-	-	8	(D)
Montcalm	3	(D)	3	(D)	-	-
Montmorency	2	(D)	-	-	2	(D)
Newaygo	6	3	1	(D)	5	(D)
Oakland	9	2	1	(D)	8	(D)
Ogemaw	1	(D)	1	(D)	1	(D)
Otsego	6	1	-	-	6	1
Ottawa	1	(D)	-	-	1	(D)
Presque Isle	1	(D)	1	(D)	-	-
Saginaw	7	4	1	(D)	6	(D)
St. Clair	4	2	3	2	4	1
St. Joseph	4	(D)	-	-	4	(D)
Sanilac	7	7	7	(D)	2	(D)
Shiawassee	1	(D)	-	-	1	(D)
Tuscola	9	18	-	-	9	18
Van Buren	18	(D)	15	(D)	3	(D)
Washtenaw	21	11	19	(D)	5	(D)
Wayne	6	1	4	1	4	(Z)
PERSIMMONS						
State Total						
Michigan	2017	6	1	(D)	16	(D)
	2012	1	(D)	-	1	(D)
Counties, 2017						
Isabella	1	(D)	-	-	1	(D)
Kalamazoo	2	(D)	-	-	2	(D)

--continued

Table 31. Fruits and Nuts: 2017 and 2012 (continued)

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

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
PERSIMMONS - Con.						
Counties, 2017 - Con.						
Lapeer	1	(D)	-	-	1	(D)
Livingston	5	4	-	-	5	4
Saginaw	8	1	1	(D)	7	(D)
PLUMS AND PRUNES						
State Total						
Michigan	2017	525	164	399	150	126
	2012	286	187	559	149	170
Counties, 2017						
Allegan	13	60	10	53	6	7
Alpena	1	(D)	1	(D)	-	-
Antrim	5	32	1	(D)	4	(D)
Bay	4	(D)	-	-	4	(D)
Benzie	2	(D)	-	-	2	(D)
Berrien	31	75	24	55	15	20
Calhoun	7	(D)	7	(D)	7	(D)
Cass	2	(D)	2	(D)	-	-
Charlevoix	3	(D)	1	(D)	3	(D)
Chippewa	2	(D)	-	-	2	(D)
Dickinson	2	(D)	-	-	2	(D)
Genesee	3	(D)	1	(D)	2	(D)
Gogebic	1	(D)	1	(D)	-	-
Grand Traverse	6	50	4	(D)	5	(D)
Graiot	1	(D)	1	(D)	-	-
Houghton	7	1	-	-	7	1
Ingham	4	(D)	3	(Z)	1	(D)
Ionia	6	2	5	1	3	(Z)
Iron	3	(D)	1	(D)	2	(D)
Jackson	1	(D)	1	(D)	-	-
Kalamazoo	5	2	1	(D)	5	(D)
Kalkaska	3	1	3	1	-	-
Kent	8	11	8	7	7	4
Keweenaw	6	1	6	1	-	-
Lapeer	4	1	4	1	-	-
Leelanau	11	49	10	(D)	1	(D)
Lenawee	5	(D)	5	(D)	-	-
Livingston	7	2	2	(D)	5	(D)
Mackinac	2	(D)	-	-	2	(D)
Macomb	4	12	4	9	4	3
Manistee	5	6	2	(D)	3	(D)
Marquette	2	(D)	-	-	2	(D)
Mason	7	(D)	3	(D)	5	1
Mecosta	1	(D)	1	(D)	-	-
Menominee	3	(D)	3	(D)	1	(D)
Midland	2	(D)	-	-	2	(D)
Montcalm	4	2	3	(D)	2	(D)
Muskegon	5	(D)	4	(D)	2	(D)
Newaygo	10	5	2	(D)	9	(D)
Oceana	7	68	6	(D)	3	(D)
Ogemaw	2	(D)	-	-	2	(D)
Ontonagon	2	(D)	2	(D)	-	-
Ottawa	4	5	4	5	-	-
Saginaw	11	3	3	(Z)	11	2
St. Joseph	6	3	2	(D)	5	(D)
Sanilac	4	(Z)	4	(Z)	-	-
Shiawassee	5	1	-	-	5	1
Van Buren	14	47	9	43	6	4
Washtenaw	10	(D)	8	1	3	(D)
Wayne	2	(D)	2	(D)	-	-
PLUMS						
State Total						
Michigan	2017	263	162	(D)	149	(D)
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 2017						
Allegan	13	(D)	10	53	6	(D)
Alpena	1	(D)	1	(D)	-	-
Antrim	5	32	1	(D)	4	(D)
Bay	4	(D)	-	-	4	(D)
Benzie	2	(D)	-	-	2	(D)
Berrien	31	75	24	55	15	20
Calhoun	7	(D)	7	(D)	7	(D)
Cass	2	(D)	2	(D)	-	-
Charlevoix	3	(D)	1	(D)	3	(D)
Chippewa	2	(D)	-	-	2	(D)
Dickinson	2	(D)	-	-	2	(D)
Genesee	3	(D)	1	(D)	2	(D)
Gogebic	1	(D)	1	(D)	-	-
Grand Traverse	6	50	4	(D)	5	(D)
Graiot	1	(D)	1	(D)	-	-
Houghton	7	1	-	-	7	1
Ingham	4	(D)	3	(Z)	1	(D)
Ionia	6	2	5	1	3	(Z)
Iron	3	(D)	1	(D)	2	(D)
Jackson	1	(D)	1	(D)	-	-

--continued

Table 31. Fruits and Nuts: 2017 and 2012 (continued)

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

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
PLUMS - Con.						
Counties, 2017 - Con.						
Kalamazoo	5	2	1	(D)	5	(D)
Kalkaska	3	1	3	1	-	-
Kent	8	11	7	7	7	4
Keweenaw	6	1	6	1	-	-
Lapeer	4	1	4	1	-	-
Leelanau	10	(D)	9	37	1	(D)
Lenawee	5	(D)	5	(D)	-	-
Livingston	7	(D)	2	(D)	5	(D)
Mackinac	2	(D)	2	-	2	(D)
Macomb	4	7	4	5	4	2
Manistee	5	6	2	(D)	3	(D)
Marquette	2	(D)	-	-	2	(D)
Mason	7	(D)	3	(D)	5	1
Mecosta	1	(D)	1	(D)	-	-
Menominee	3	(D)	3	(D)	1	(D)
Midland	2	(D)	-	-	2	(D)
Montcalm	4	2	3	(D)	2	(D)
Muskegon	5	(D)	4	(D)	2	(D)
Newaygo	10	(D)	2	(D)	9	(D)
Oceana	7	(D)	6	23	3	(D)
Ogemaw	2	(D)	-	-	2	(D)
Ontonagon	2	(D)	2	(D)	-	-
Ottawa	4	5	4	5	-	-
Saginaw	11	3	3	(Z)	11	2
St. Joseph	6	3	2	(D)	5	(D)
Sanilac	4	(Z)	4	(Z)	-	-
Shiawassee	5	1	-	-	5	1
Van Buren	13	(D)	8	(D)	5	(D)
Washtenaw	10	2	8	1	3	1
Wayne	2	(D)	2	(D)	-	-
PRUNES						
State Total						
Michigan.....2017	11	69	7	(D)	9	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 2017						
Allegan	2	(D)	-	-	2	(D)
Leelanau	1	(D)	1	(D)	-	-
Macomb	3	5	3	4	3	1
Newaygo	1	(D)	1	(D)	-	-
Oceana	1	(D)	1	(D)	1	(D)
Van Buren	1	(D)	1	(D)	1	(D)
Washtenaw	2	(D)	-	-	2	(D)
OTHER NONCITRUS FRUIT (SEE TEXT)						
State Total						
Michigan.....2017	7	10	5	(D)	5	(D)
2012	21	(D)	9	10	14	(D)
Counties, 2017						
Berrien	4	(D)	4	(D)	2	(D)
Isabella	1	(D)	1	(D)	1	(D)
Kalamazoo	2	(D)	-	-	2	(D)
NUTS, ALL						
State Total						
Michigan.....2017	302	1,130	156	614	195	516
2012	195	1,210	116	755	123	454
Counties, 2017						
Allegan	14	49	9	22	9	27
Alpena	2	(D)	-	-	2	(D)
Antrim	11	95	11	95	2	-
Benzie	3	36	3	2	3	35
Berrien	13	79	7	55	9	24
Branch	1	(D)	1	(D)	-	-
Calhoun	5	32	2	(D)	5	(D)
Cass	10	40	3	(Z)	7	40
Charlevoix	3	(D)	1	(D)	3	(D)
Chippewa	2	(D)	-	-	2	(D)
Clinton	7	2	7	2	-	-
Delta	1	(D)	1	(D)	1	(D)
Eaton	5	1	-	-	5	1
Emmet	1	(D)	1	(D)	-	-
Genesee	2	(D)	1	(D)	1	(D)
Grand Traverse	5	30	5	30	-	-
Hillsdale	11	50	1	(D)	10	(D)
Huron	7	8	-	-	7	8
Ingham	5	19	3	(D)	2	(D)
Ionia	8	6	6	(D)	2	(D)
Jackson	4	7	-	-	4	7
Kalamazoo	8	26	8	16	4	10
Kalkaska	1	(D)	1	(D)	-	-
Kent	7	26	5	5	6	21

--continued

Table 31. Fruits and Nuts: 2017 and 2012 (continued)

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

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
NUTS, ALL - Con.						
Counties, 2017 - Con.						
Lapeer	8	19	5	14	5	5
Leelanau	6	33	2	(D)	5	(D)
Lenawee	5	12	3	8	4	4
Livingston	10	27	1	(D)	9	(D)
Macomb	1	(D)	1	(D)	-	-
Manistee	2	(D)	2	(D)	-	-
Mason	8	(D)	8	(D)	-	-
Mecosta	1	(D)	1	(D)	1	(D)
Menominee	6	16	-	-	6	16
Midland	6	6	4	3	5	3
Monroe	10	3	6	2	10	1
Montcalm	2	(D)	-	-	2	(D)
Muskegon	5	11	-	-	5	11
Newaygo	9	18	5	(D)	4	(D)
Oceana	10	45	3	19	8	26
Osceola	1	(D)	1	(D)	1	(D)
Ottawa	10	109	7	90	4	19
Saginaw	2	(D)	1	(D)	1	(D)
St. Clair	8	5	3	(D)	5	(D)
St. Joseph	2	(D)	2	(D)	2	(D)
Sanilac	8	9	4	(Z)	8	8
Shiawassee	2	(D)	2	(D)	1	(D)
Tuscola	2	(D)	1	(D)	1	(D)
Van Buren	8	(D)	8	14	2	(D)
Washtenaw	28	52	9	18	19	33
Wayne	1	(D)	1	(D)	-	-
Wexford	5	1	-	-	5	1
ALMONDS						
State Total						
Michigan	-	-	-	-	-	-
2012	6	2	4	(D)	2	(D)
CHESTNUTS						
State Total						
Michigan	143	675	70	360	94	316
2012	115	617	79	442	54	175
Counties, 2017						
Allegan	6	26	6	(D)	2	(D)
Antrim	7	62	7	62	-	-
Benzie	3	36	3	2	3	35
Berrien	11	(D)	5	(D)	7	(D)
Calhoun	2	(D)	2	(D)	1	(D)
Cass	7	40	-	-	7	40
Charlevoix	1	(D)	1	(D)	1	(D)
Genesee	2	(D)	1	(D)	1	(D)
Grand Traverse	3	(D)	3	(D)	-	-
Hillsdale	1	(D)	1	(D)	-	-
Ionia	2	(D)	2	(D)	-	-
Jackson	2	(D)	-	-	2	(D)
Kalamazoo	3	(D)	3	(D)	-	-
Kent	7	25	5	(D)	6	(D)
Lapeer	5	13	1	(D)	4	(D)
Leelanau	6	33	2	(D)	5	(D)
Lenawee	3	8	3	8	-	-
Livingston	5	22	1	(D)	4	(D)
Manistee	2	(D)	2	(D)	-	-
Mason	2	(D)	2	(D)	-	-
Mecosta	1	(D)	1	(D)	1	(D)
Midland	4	(D)	2	(D)	4	(D)
Monroe	4	(Z)	-	-	4	(Z)
Muskegon	4	(D)	-	-	4	(D)
Newaygo	3	(D)	3	(D)	-	-
Oceana	10	45	3	19	8	26
Osceola	1	(D)	1	(D)	1	(D)
Ottawa	4	64	4	(D)	1	(D)
Saginaw	1	(D)	1	(D)	-	-
St. Clair	4	(D)	-	-	4	(D)
Sanilac	8	8	-	-	8	8
Shiawassee	1	(D)	1	(D)	-	-
Tuscola	1	(D)	-	-	1	(D)
Van Buren	3	(D)	3	13	2	(D)
Washtenaw	13	29	-	-	13	29
Wayne	1	(D)	1	(D)	-	-
HAZELNUTS (FILBERTS)						
State Total						
Michigan	90	60	31	28	62	32
2012	28	133	11	(D)	19	(D)
Counties, 2017						
Antrim	3	3	3	3	-	-
Charlevoix	2	(D)	-	-	2	(D)
Chippewa	2	(D)	-	-	2	(D)

--continued

Table 31. Fruits and Nuts: 2017 and 2012 (continued)

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

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
HAZELNUTS (FILBERTS) - Con.						
Counties, 2017 - Con.						
Clinton.....	6	1	6	1	-	-
Delta.....	1	(D)	1	(D)	-	-
Eaton.....	5	1	-	-	5	1
Emmet.....	1	(D)	1	(D)	-	-
Ingham.....	1	(D)	1	(D)	-	-
Ionia.....	2	(D)	1	-	2	(D)
Jackson.....	3	(D)	-	-	3	(D)
Kalamazoo.....	3	5	3	(D)	1	(D)
Lapeer.....	5	(D)	2	(D)	5	1
Lenawee.....	2	(D)	-	-	2	(D)
Livingston.....	6	2	-	-	6	2
Macomb.....	1	(D)	1	(D)	-	-
Menominee.....	6	16	-	-	6	16
Midland.....	1	(D)	-	-	1	(D)
Monroe.....	6	1	-	-	6	1
Montcalm.....	2	(D)	-	-	2	(D)
Muskegon.....	2	(D)	-	-	2	(D)
Newaygo.....	4	(D)	-	-	4	(D)
Osceola.....	1	(D)	1	(D)	-	-
Ottawa.....	2	(D)	2	(D)	-	-
Saginaw.....	1	(D)	-	-	1	(D)
St. Clair.....	1	(D)	-	-	1	(D)
Shiawassee.....	1	(D)	1	(D)	-	-
Van Buren.....	3	(D)	3	(D)	-	-
Washtenaw.....	12	5	6	1	6	4
Wexford.....	5	1	-	-	5	1
PECANS, ALL						
State Total						
Michigan.....2017	12	3	3	1	9	2
2012	10	5	5	3	5	1
Counties, 2017						
Ionia.....	2	(D)	2	(D)	-	-
Lapeer.....	2	(D)	-	-	2	(D)
Livingston.....	5	1	-	-	5	1
Midland.....	1	(D)	1	(D)	-	-
Saginaw.....	1	(D)	-	-	1	(D)
St. Clair.....	1	(D)	-	-	1	(D)
PECANS, IMPROVED						
State Total						
Michigan.....2017	12	3	3	1	9	2
2012	6	3	2	(D)	4	(D)
Counties, 2017						
Ionia.....	2	(D)	2	(D)	-	-
Lapeer.....	2	(D)	-	-	2	(D)
Livingston.....	5	1	-	-	5	1
Midland.....	1	(D)	1	(D)	-	-
Saginaw.....	1	(D)	-	-	1	(D)
St. Clair.....	1	(D)	-	-	1	(D)
PECANS, NATIVE AND SEEDLING						
State Total						
Michigan.....2017	-	-	-	-	-	-
2012	4	1	3	(D)	1	(D)
WALNUTS, ENGLISH						
State Total						
Michigan.....2017	83	116	40	53	49	63
2012	47	239	19	141	33	99
Counties, 2017						
Allegan.....	4	4	2	(D)	4	(D)
Alpena.....	2	(D)	-	-	2	(D)
Calhoun.....	3	(D)	-	-	3	(D)
Charlevoix.....	2	(D)	-	-	2	(D)
Clinton.....	7	1	7	1	-	(D)
Grand Traverse.....	2	(D)	2	(D)	-	-
Hillsdale.....	7	(D)	-	-	7	(D)
Huron.....	6	(D)	-	-	6	(D)
Ingham.....	2	(D)	-	-	2	(D)
Ionia.....	4	(D)	2	(D)	2	(D)
Jackson.....	2	(D)	-	-	2	(D)
Kalamazoo.....	2	(D)	2	(D)	-	-
Kalkaska.....	1	(D)	1	(D)	-	-
Kent.....	4	1	4	(D)	4	(D)
Lapeer.....	2	(D)	-	-	2	(D)
Lenawee.....	4	(D)	-	-	4	(D)
Livingston.....	4	(D)	-	-	4	(D)
Mason.....	6	1	6	1	-	-
Midland.....	1	(D)	-	-	1	(D)
Montcalm.....	2	(D)	-	-	2	(D)

--continued

Table 31. Fruits and Nuts: 2017 and 2012 (continued)

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

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Acres	Farms	Acres
WALNUTS, ENGLISH - Con.						
Counties, 2017 - Con.						
Muskegon	1	(D)	-	.	1	(D)
Newaygo	2	(D)	2	(D)	-	.
Ottawa	1	(D)	1	(D)	-	.
Saginaw	1	(D)	1	(D)	-	.
Sanilac	4	(Z)	4	(Z)	-	.
Shiawassee	1	(D)	1	(D)	-	.
Tuscola	1	-	-	-	1	(D)
Van Buren	1	(D)	1	(D)	-	.
Washtenaw	4	(D)	4	(D)	-	.
OTHER NUTS (SEE TEXT)						
State Total						
Michigan	62	275	43	173	32	103
2012	59	214	30	(D)	47	(D)
Counties, 2017						
Allegan	4	18	1	(D)	3	(D)
Antrim	4	30	4	30	-	.
Berrien	2	(D)	2	(D)	2	(D)
Branch	1	(D)	1	(D)	-	.
Calhoun	1	(D)	1	(D)	1	(D)
Cass	3	(Z)	3	(Z)	-	.
Delta	1	(D)	1	(D)	1	(D)
Hillsdale	10	(D)	1	(D)	9	31
Huron	1	(D)	-	.	1	(D)
Ingham	2	(D)	2	(D)	-	.
Jackson	1	(D)	-	.	1	(D)
Kalamazoo	3	14	3	(D)	3	(D)
Kalkaska	1	(D)	1	(D)	-	.
Lapeer	2	(D)	2	(D)	-	.
Livingston	2	(D)	-	.	2	(D)
Midland	3	4	3	(D)	2	(D)
Monroe	6	2	6	2	-	.
Osceola	1	(D)	1	(D)	1	(D)
Ottawa	3	(D)	-	.	3	(D)
St. Clair	3	(D)	3	(D)	-	.
St. Joseph	2	(D)	2	(D)	2	(D)
Shiawassee	1	(D)	1	(D)	1	(D)
Tuscola	1	(D)	1	(D)	-	.
Van Buren	1	(D)	1	(D)	-	.
Washtenaw	3	(D)	3	(D)	-	.

Table 32. Land in Berries: 2017 and 2012

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

Geographic area	2017				2012			
	Total		Irrigated		Total		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
State Total								
Michigan.....	1,566	25,006	716	18,254	1,444	23,389	675	16,447
Counties								
Alcona.....	7	3	-	-	5	9	3	(D)
Alger.....	9	2	5	1	8	16	2	(D)
Allegan.....	83	2,969	50	2,124	82	2,786	46	1,966
Alpena.....	17	55	8	1	8	31	3	1
Antrim.....	36	119	20	63	24	62	15	39
Arenac.....	1	(D)	1	(D)	4	(D)	-	-
Baraga.....	5	1	-	-	-	-	-	-
Barry.....	9	22	3	12	12	15	3	(D)
Bay.....	10	4	8	(D)	12	21	4	10
Benzie.....	15	21	6	14	5	9	4	(D)
Berrien.....	107	1,030	33	636	114	1,227	49	508
Branch.....	5	1	-	-	15	6	6	2
Calhoun.....	18	28	5	18	13	24	10	13
Cass.....	9	27	3	(D)	17	45	8	23
Charlevoix.....	11	9	6	7	8	20	5	16
Cheboygan.....	10	(D)	3	(D)	15	447	8	442
Chippewa.....	8	7	3	1	9	12	1	(D)
Clare.....	4	(D)	3	(D)	1	2	3	(Z)
Clinton.....	7	56	3	(D)	18	59	8	(D)
Delta.....	8	16	5	12	8	21	1	(D)
Dickinson.....	4	12	2	(D)	4	15	3	(D)
Eaton.....	13	9	4	(D)	7	7	5	(D)
Emmet.....	12	5	6	1	5	11	2	(D)
Genesee.....	18	93	9	31	16	78	6	28
Gladwin.....	6	(D)	3	(Z)	10	5	2	(D)
Gogebic.....	3	(D)	1	(D)	2	(D)	-	-
Grand Traverse.....	24	82	12	51	28	73	16	42
Gratiot.....	7	4	6	(D)	4	9	2	(D)
Hillsdale.....	16	30	5	21	9	26	6	18
Houghton.....	28	81	12	17	24	53	8	19
Huron.....	2	(D)	-	-	9	9	3	3
Ingham.....	25	27	5	14	15	21	4	9
Ionia.....	16	23	2	(D)	9	13	5	(D)
Iosco.....	13	11	2	(D)	9	14	2	(D)
Iron.....	1	(D)	1	(D)	3	1	-	-
Isabella.....	22	57	11	12	10	31	2	(D)
Jackson.....	17	22	6	9	19	33	8	12
Kalamazoo.....	16	15	9	2	10	6	4	3
Kalkaska.....	10	9	4	6	8	11	1	(D)
Kent.....	23	133	15	99	34	185	13	49
Keweenaw.....	6	11	-	-	-	-	-	-
Lake.....	7	16	6	(D)	2	(D)	1	(D)
Lapeer.....	21	61	9	23	13	67	6	36
Leelanau.....	31	52	17	39	26	68	17	44
Lenawee.....	26	57	11	29	19	40	7	14
Livingston.....	30	48	4	(D)	20	70	14	62
Luce.....	7	2	-	-	2	(D)	-	-
Mackinac.....	3	(D)	-	-	1	(D)	-	-
Macomb.....	15	57	8	29	11	42	7	25
Manistee.....	21	97	13	74	22	93	7	46
Marquette.....	8	3	4	1	14	15	3	2
Mason.....	8	116	3	25	17	77	7	74
Mecosta.....	16	11	3	7	14	19	5	14
Menominee.....	4	(D)	1	(D)	2	(D)	1	(D)
Midland.....	23	46	11	20	13	19	5	9
Missaukee.....	6	38	2	(D)	9	10	8	(D)
Monroe.....	16	38	6	27	19	37	4	16
Montcalm.....	17	52	7	26	17	25	9	12
Montmorency.....	1	(D)	1	(D)	-	-	-	-
Muskegon.....	43	1,527	28	1,247	35	1,596	18	952
Newaygo.....	24	83	17	60	12	46	5	(D)
Oakland.....	22	26	4	13	11	25	2	(D)
Oceana.....	19	264	11	258	17	154	6	85
Ogemaw.....	2	(D)	2	(D)	4	(D)	-	-
Ontonagon.....	-	-	-	-	2	(D)	-	-
Osceola.....	14	20	4	5	9	14	4	3
Oscoda.....	3	(D)	1	(D)	4	(D)	3	(D)
Otsego.....	8	13	2	(D)	6	7	5	(D)
Ottawa.....	109	6,790	83	5,876	113	6,318	76	5,025
Presque Isle.....	11	14	-	-	10	25	-	-
Saginaw.....	23	136	2	(D)	25	124	10	64
St. Clair.....	22	18	4	4	10	29	4	16
St. Joseph.....	14	22	9	19	16	30	8	11
Sanilac.....	17	47	7	5	10	46	2	(D)
Schoolcraft.....	1	(D)	-	-	4	6	1	(D)
Shiawassee.....	8	(D)	5	(D)	4	(D)	1	(D)
Tuscola.....	8	16	3	1	15	37	6	3
Van Buren.....	233	9,939	114	6,859	236	8,761	128	6,425
Washtenaw.....	44	84	21	43	38	110	15	77
Wayne.....	12	(D)	10	(D)	8	4	1	(D)
Wexford.....	8	15	3	6	13	24	8	11

Table 33. Berries: 2017

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

Geographic area	Total		Bearing age		Nonbearing age	
	Farms	Acres	Farms	Acres	Farms	Acres
ARONIA BERRIES (SEE TEXT)						
State Total						
Michigan	25	29	19	13	7	16
Counties						
Allegan.....	1	(D)	1	(D)	-	-
Antrim	3	15	-	-	3	15
Berrien.....	8	7	8	7	-	-
Charlevoix.....	1	(D)	1	(D)	1	(D)
Jackson	2	(D)	-	-	2	(D)
Leelanau.....	4	2	4	2	-	-
Osceola	1	(D)	1	(D)	-	-
Otsego	1	(D)	1	(D)	-	-
Ottawa	1	(D)	1	(D)	-	-
Sanilac.....	1	(D)	-	-	1	(D)
Van Buren.....	2	(D)	2	(D)	-	-
BLACKBERRIES AND DEWBERRIES (INCLUDING MARIONBERRIES)						
State Total						
Michigan	200	152	155	120	83	33
Counties						
Allegan.....	13	9	12	3	7	6
Alpena	4	8	3	(D)	1	(D)
Antrim	8	4	4	1	6	2
Barry	2	(D)	2	(D)	-	-
Benzie.....	2	(D)	2	(D)	-	-
Berrien.....	26	29	20	26	14	3
Branch	3	(D)	3	(D)	-	-
Calhoun.....	5	(D)	5	(D)	-	-
Cass	1	(D)	1	(D)	-	-
Charlevoix.....	1	(D)	1	(D)	1	(D)
Cheboygan.....	1	(D)	1	(D)	-	-
Delta	1	(D)	1	(D)	-	-
Eaton	3	(D)	3	(D)	-	-
Genesee.....	1	(D)	1	(D)	-	-
Gogebic.....	1	(D)	1	(D)	-	-
Grand Traverse.....	2	(D)	1	(D)	1	(D)
Hillsdale.....	6	2	-	-	6	2
Ingham.....	4	(D)	4	2	2	(D)
Isabella.....	3	(D)	3	(D)	-	-
Jackson	9	8	9	2	6	5
Kalamazoo.....	3	2	3	2	-	-
Kalkaska	2	(D)	2	(D)	-	-
Lapeer	8	3	-	-	8	3
Leelanau.....	2	(D)	-	-	2	(D)
Livingston.....	6	(D)	6	(D)	-	-
Luce.....	6	1	6	1	-	-
Manistee.....	2	(D)	2	(D)	2	(D)
Marquette.....	2	(D)	2	(D)	1	(D)
Mecosta.....	6	2	6	2	-	-
Midland.....	3	(Z)	3	(Z)	-	-
Missaukee.....	1	(D)	1	(D)	-	-
Monroe	10	(D)	10	10	2	(D)
Muskegon.....	4	(D)	4	2	2	(D)
Newaygo.....	4	(D)	1	(D)	3	1
Oakland.....	2	(D)	2	(D)	2	(D)
Otsego.....	1	(D)	1	(D)	-	-
Ottawa	2	(D)	2	(D)	-	-
Presque Isle.....	1	(D)	1	(D)	-	-
Saginaw.....	3	3	3	3	-	-
St. Clair.....	7	1	7	(D)	1	(D)
St. Joseph.....	6	(D)	-	-	6	(D)
Sanilac.....	6	1	-	-	6	1
Van Buren.....	5	38	5	38	-	-
Washtenaw.....	9	5	8	4	4	2
Wayne	3	(D)	3	(D)	-	-
BLUEBERRIES, ALL (SEE TEXT)						
State Total						
Michigan	787	22,959	693	20,228	297	2,731
Counties						
Allegan.....	61	2,933	60	2,185	18	747
Alpena	1	(D)	1	(D)	1	(D)
Antrim	5	4	5	4	-	-
Baraga	3	(D)	3	(D)	-	-
Barry	5	12	5	12	-	-
Benzie.....	12	12	11	(D)	5	(D)
Berrien.....	70	808	64	762	21	46
Calhoun.....	3	9	3	9	-	-
Cass	3	(D)	3	(D)	1	(D)
Charlevoix.....	9	1	9	(D)	1	(D)
Cheboygan.....	5	12	5	12	-	-
Chippewa.....	3	(D)	3	(D)	-	-
Clinton.....	3	(D)	2	(D)	1	(D)
Dickinson.....	3	(D)	3	(D)	-	-

--continued

Table 33. Berries: 2017 (continued)

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

Geographic area	Total		Bearing age		Nonbearing age	
	Farms	Acres	Farms	Acres	Farms	Acres
BLUEBERRIES, ALL (SEE TEXT) - Con.						
Counties - Con.						
Eaton.....	4	8	4	(D)	3	(D)
Emmet.....	(D)	(D)	-	-	2	(D)
Genesee.....	5	90	5	90	-	-
Gladwin.....	1	(D)	1	(D)	-	-
Gogebic.....	2	(D)	1	(D)	1	(D)
Grand Traverse.....	15	28	13	(D)	2	(D)
Hillsdale.....	3	2	3	2	-	-
Houghton.....	14	(D)	10	17	8	(D)
Ingham.....	6	9	3	(D)	4	(D)
Iosco.....	2	(D)	2	(D)	1	(D)
Iron.....	1	(D)	1	(D)	-	-
Isabella.....	2	(D)	1	(D)	1	(D)
Jackson.....	6	9	2	(D)	5	(D)
Kalamazoo.....	5	11	4	(D)	1	(D)
Kalkaska.....	1	(D)	1	(D)	-	-
Kent.....	15	63	12	49	10	14
Lake.....	7	14	1	(D)	7	(D)
Lapeer.....	3	(D)	2	(D)	2	(D)
Leelanau.....	14	8	6	7	8	2
Lenawee.....	8	21	8	21	-	-
Livingston.....	15	11	3	(D)	12	(D)
Luce.....	7	1	6	(D)	1	(D)
Mackinac.....	1	(D)	1	(D)	1	(D)
Macomb.....	4	19	4	19	-	-
Manistee.....	11	13	10	10	5	3
Mason.....	7	(D)	7	(D)	6	63
Mecosta.....	2	(D)	2	(D)	1	(D)
Midland.....	9	12	8	(D)	7	(D)
Missaukee.....	2	(D)	2	(D)	-	-
Monroe.....	1	(D)	1	(D)	-	-
Montcalm.....	6	26	6	26	-	-
Muskegon.....	38	1,498	32	1,157	23	341
Newaygo.....	7	57	6	(D)	2	(D)
Oakland.....	2	(D)	2	(D)	-	-
Oceana.....	10	260	10	(D)	5	(D)
Osceola.....	3	(D)	3	(D)	-	-
Oscoda.....	2	(D)	2	(D)	1	(D)
Otsego.....	2	(D)	2	(D)	-	-
Ottawa.....	97	6,759	95	6,266	44	494
Presque Isle.....	3	(D)	3	(D)	-	-
Saginaw.....	12	120	12	(D)	1	(D)
St. Clair.....	5	9	2	(D)	4	(D)
St. Joseph.....	2	(D)	2	(D)	-	-
Sanilac.....	6	(D)	1	(D)	6	(D)
Shiawassee.....	2	(D)	1	(D)	1	(D)
Tuscola.....	3	(D)	3	4	2	(D)
Van Buren.....	208	9,769	195	8,926	67	843
Washtenaw.....	14	25	11	21	4	4
Wexford.....	4	(D)	4	(D)	1	(D)
BLUEBERRIES, TAME						
State Total						
Michigan.....	785	(D)	691	(D)	297	2,731
Counties						
Allegan.....	61	2,933	60	2,185	18	747
Alpena.....	1	(D)	1	(D)	1	(D)
Antrim.....	5	4	5	4	-	-
Baraga.....	3	(D)	3	(D)	-	-
Barry.....	5	12	5	12	-	-
Benzie.....	12	12	11	(D)	5	(D)
Berrien.....	70	808	64	762	21	46
Calhoun.....	3	9	3	9	-	-
Cass.....	3	(D)	3	(D)	1	(D)
Charlevoix.....	9	1	9	(D)	1	(D)
Cheboygan.....	5	12	5	12	-	-
Chippewa.....	3	(D)	3	(D)	-	-
Clinton.....	3	(D)	2	(D)	1	(D)
Dickinson.....	3	(D)	3	(D)	-	-
Eaton.....	4	8	4	(D)	3	(D)
Emmet.....	2	(D)	-	-	2	(D)
Genesee.....	5	90	5	90	-	-
Gladwin.....	1	(D)	1	(D)	-	-
Gogebic.....	2	(D)	1	(D)	1	(D)
Grand Traverse.....	15	28	13	(D)	2	(D)
Hillsdale.....	3	2	3	2	-	-
Houghton.....	13	21	9	(D)	8	(D)
Ingham.....	6	9	3	(D)	4	(D)
Iosco.....	2	(D)	2	(D)	1	(D)
Iron.....	1	(D)	1	(D)	-	-
Isabella.....	2	(D)	1	(D)	1	(D)
Jackson.....	6	9	2	(D)	5	(D)
Kalamazoo.....	5	11	4	(D)	1	(D)
Kalkaska.....	1	(D)	1	(D)	-	-
Kent.....	15	63	12	49	10	14
Lake.....	7	14	1	(D)	7	(D)
Lapeer.....	3	(D)	2	(D)	2	(D)

--continued

Table 33. Berries: 2017 (continued)

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

Geographic area	Total		Bearing age		Nonbearing age	
	Farms	Acres	Farms	Acres	Farms	Acres
BLUEBERRIES, TAME - Con.						
Counties - Con.						
Leelanau.....	14	8	6	7	8	2
Lenawee.....	8	21	8	21	-	-
Livingston.....	15	11	3	(D)	12	(D)
Luce.....	7	1	6	(D)	1	(D)
Mackinac.....	1	(D)	1	(D)	1	(D)
Macomb.....	4	19	4	19	-	-
Manistee.....	11	13	10	10	5	3
Mason.....	7	(D)	7	(D)	6	63
Mecosta.....	2	(D)	2	(D)	1	(D)
Midland.....	9	12	8	(D)	7	(D)
Missaukee.....	2	(D)	2	(D)	-	-
Monroe.....	1	(D)	1	(D)	-	-
Montcalm.....	6	26	6	26	-	-
Muskegon.....	38	1,498	32	1,157	23	341
Newaygo.....	7	57	6	(D)	2	(D)
Oakland.....	2	(D)	2	(D)	-	-
Oceana.....	10	260	10	(D)	5	(D)
Osceola.....	3	(D)	3	(D)	-	-
Oscoda.....	2	(D)	2	(D)	1	(D)
Otsego.....	1	(D)	1	(D)	-	-
Ottawa.....	97	6,759	95	6,266	44	494
Presque Isle.....	3	(D)	3	(D)	-	-
Saginaw.....	12	120	12	(D)	1	(D)
St. Clair.....	5	9	2	(D)	4	(D)
St. Joseph.....	2	(D)	2	(D)	-	-
Sanilac.....	6	(D)	1	(D)	6	(D)
Shiawassee.....	2	(D)	1	(D)	1	(D)
Tuscola.....	3	(D)	3	4	2	(D)
Van Buren.....	208	9,769	195	8,926	67	843
Washtenaw.....	14	25	11	21	4	4
Wexford.....	4	(D)	4	(D)	1	(D)
BLUEBERRIES, WILD						
State Total						
Michigan.....	2	(D)	2	(D)	-	-
Counties						
Houghton.....	1	(D)	1	(D)	-	-
Otsego.....	1	(D)	1	(D)	-	-
CRANBERRIES						
State Total						
Michigan.....	15	322	7	288	12	33
Counties						
Antrim.....	2	(D)	2	(D)	2	(D)
Arenac.....	1	(D)	1	(D)	1	(D)
Cheboygan.....	1	(D)	1	(D)	-	-
Hillsdale.....	6	(D)	-	-	6	(D)
Van Buren.....	5	54	3	(D)	3	(D)
CURRANTS (BLACK OR RED)						
State Total						
Michigan.....	59	31	42	23	24	8
Counties						
Allegan.....	2	(D)	1	(D)	1	(D)
Alpena.....	6	(D)	6	(D)	-	-
Berrien.....	4	(D)	4	(D)	1	(D)
Ingham.....	1	(D)	1	(D)	-	-
Isabella.....	4	4	-	-	4	4
Jackson.....	2	(D)	-	-	2	(D)
Kent.....	6	(D)	6	2	5	(D)
Keweenaw.....	6	1	6	1	-	-
Lake.....	6	(D)	-	-	6	(D)
Leelanau.....	6	(D)	5	1	1	(D)
Lenawee.....	1	(D)	1	(D)	1	(D)
Menominee.....	2	(D)	2	(D)	-	-
Midland.....	7	15	7	15	-	-
Osceola.....	2	(D)	-	-	2	(D)
Ottawa.....	2	(D)	2	(D)	-	-
Sanilac.....	1	(D)	-	-	1	(D)
Wayne.....	1	(D)	1	(D)	-	-
ELDERBERRIES (SEE TEXT)						
State Total						
Michigan.....	23	7	18	4	7	3
Counties						
Allegan.....	1	(D)	1	(D)	-	-
Emmet.....	1	(D)	1	(D)	-	-
Hillsdale.....	2	(D)	-	-	2	(D)
Kalamazoo.....	3	(Z)	3	(Z)	-	-

--continued

Table 33. **Berries: 2017** (continued)

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

Geographic area	Total		Bearing age		Nonbearing age	
	Farms	Acres	Farms	Acres	Farms	Acres
ELDERBERRIES (SEE TEXT) - Con.						
Counties - Con.						
Kent.....	1	(D)	-	-	1	(D)
Lapeer.....	1	(D)	1	(D)	-	-
Leelanau.....	5	(D)	4	1	1	(D)
Lenawee.....	2	(D)	2	(D)	-	-
Missaukee.....	1	(D)	1	(D)	-	-
Muskegon.....	1	(D)	-	-	1	(D)
Van Buren.....	3	(D)	3	(D)	-	-
Washtenaw.....	2	(D)	2	(D)	2	(D)
LOGANBERRIES						
State Total						
Michigan.....	4	1	4	1	4	(Z)
Counties						
Kent.....	4	1	4	1	4	(Z)
RASPBERRIES, ALL						
State Total						
Michigan.....	518	532	414	410	166	123
Counties						
Alcona.....	5	(D)	3	(D)	2	(D)
Allegan.....	10	14	10	11	3	2
Alpena.....	8	35	6	28	6	7
Antrim.....	9	19	5	4	5	14
Baraga.....	2	(D)	2	(D)	-	-
Barry.....	4	(D)	2	(D)	4	(D)
Bay.....	7	(D)	7	(D)	-	-
Benzie.....	3	(D)	3	(D)	-	-
Berrien.....	38	131	31	118	21	13
Branch.....	3	(Z)	3	(Z)	-	-
Calhoun.....	8	8	8	8	-	-
Cass.....	5	2	5	2	-	-
Charlevoix.....	3	(D)	2	(D)	1	(D)
Cheboygan.....	8	4	8	4	-	-
Chippewa.....	4	4	4	4	-	-
Clare.....	3	(D)	3	(D)	-	-
Clinton.....	5	(D)	3	(D)	-	-
Delta.....	5	(D)	5	(D)	-	-
Dickinson.....	1	(D)	1	(D)	-	-
Eaton.....	2	(D)	2	(D)	-	-
Emmet.....	8	4	6	(D)	2	(D)
Genesee.....	8	(D)	8	(D)	-	-
Gladwin.....	3	(D)	3	(D)	-	-
Gogebic.....	2	(D)	2	(D)	-	-
Grand Traverse.....	4	(D)	3	(D)	3	7
Hillsdale.....	6	6	6	6	-	-
Houghton.....	2	(D)	2	(D)	1	(D)
Ingham.....	11	4	8	3	3	1
Ionia.....	14	(D)	14	(D)	-	-
Iosco.....	8	(D)	6	1	2	(D)
Isabella.....	13	15	9	(D)	10	(D)
Jackson.....	8	(D)	5	(D)	3	2
Kalamazoo.....	7	1	6	(D)	1	(D)
Kalkaska.....	2	(D)	2	(D)	-	-
Kent.....	10	18	10	18	5	1
Keweenaw.....	6	9	6	9	-	-
Lake.....	7	1	1	(D)	7	(D)
Lapeer.....	8	7	3	(D)	7	(D)
Leelanau.....	17	11	8	10	9	1
Lenawee.....	11	13	11	13	-	-
Livingston.....	15	7	5	(D)	10	(D)
Mackinac.....	3	(D)	3	(D)	1	(D)
Macomb.....	9	18	9	18	-	-
Manistee.....	2	(D)	2	(D)	-	-
Marquette.....	4	1	4	1	-	-
Mecosta.....	4	2	4	2	-	-
Menominee.....	2	(D)	-	-	2	(D)
Midland.....	22	13	15	12	7	1
Missaukee.....	1	(D)	1	(D)	-	-
Monroe.....	1	(D)	1	(D)	-	-
Montcalm.....	4	(D)	4	(D)	-	-
Muskegon.....	8	21	4	(D)	4	(D)
Newaygo.....	9	3	6	2	5	1
Oakland.....	20	14	18	13	4	1
Oceana.....	2	(D)	2	(D)	2	(D)
Osceola.....	2	(D)	-	-	2	(D)
Otsego.....	6	2	6	2	-	-
Ottawa.....	10	5	10	5	-	-
Presque Isle.....	3	(D)	3	(D)	-	-
Saginaw.....	6	3	6	2	5	2
St. Clair.....	11	4	8	3	3	(Z)
St. Joseph.....	10	4	4	(D)	6	(D)
Sanilac.....	14	20	8	7	12	13
Schoolcraft.....	1	(D)	1	(D)	-	-
Shiawassee.....	7	1	5	(D)	2	(D)

--continued

Table 33. Berries: 2017 (continued)

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

Geographic area	Total		Bearing age		Nonbearing age	
	Farms	Acres	Farms	Acres	Farms	Acres
RASPBERRIES, ALL - Con.						
Counties - Con.						
Tuscola.....	4	(D)	4	1	1	(D)
Van Buren.....	16	11	16	11	-	-
Washtenaw.....	28	21	26	18	4	3
Wayne.....	6	3	5	(D)	1	(D)
Wexford.....	2	(D)	2	(D)	-	-
RASPBERRIES, BLACK						
State Total						
Michigan.....	119	82	100	54	27	28
Counties						
Alcona.....	1	(D)	1	(D)	-	-
Allegan.....	1	(D)	1	(D)	-	-
Antrim.....	1	(D)	-	-	1	(D)
Benzie.....	3	1	3	1	-	-
Berrien.....	9	27	9	(D)	1	(D)
Calhoun.....	5	3	5	3	-	-
Cass.....	3	(D)	3	(D)	-	-
Clinton.....	1	(D)	1	(D)	-	-
Hillsdale.....	3	(D)	3	(D)	-	-
Ingham.....	2	(D)	2	(D)	-	-
Ionia.....	2	(D)	2	(D)	-	-
Isabella.....	6	(D)	6	(D)	-	-
Jackson.....	2	(D)	1	(D)	1	(D)
Kalamazoo.....	4	1	4	1	-	-
Lake.....	6	(D)	-	-	6	(D)
Leelanau.....	2	(D)	4	-	2	(D)
Lenawee.....	4	(Z)	4	(Z)	-	-
Livingston.....	2	(D)	-	-	2	(D)
Macomb.....	3	1	3	1	-	-
Marquette.....	2	(D)	2	(D)	-	-
Midland.....	3	1	3	1	-	-
Muskegon.....	6	(D)	2	(D)	4	(D)
Oakland.....	5	3	3	(D)	2	(D)
Otsego.....	1	(D)	1	(D)	-	-
Ottawa.....	2	(D)	2	(D)	-	-
Saginaw.....	4	(D)	4	(D)	-	-
St. Clair.....	4	1	4	1	-	-
St. Joseph.....	3	(D)	3	(D)	-	-
Sanilac.....	8	6	7	1	7	5
Van Buren.....	4	1	4	1	-	-
Washtenaw.....	17	5	17	(D)2	1	(D)
RASPBERRIES, RED						
State Total						
Michigan.....	452	425	357	339	140	87
Counties						
Alcona.....	4	(D)	2	(D)	2	(D)
Allegan.....	9	(D)	9	(D)	3	2
Alpena.....	7	(D)	5	(D)	5	(D)
Antrim.....	9	15	5	4	5	11
Baraga.....	2	(D)	2	(D)	-	-
Barry.....	4	3	2	(D)	4	(D)
Bay.....	7	(D)	7	(D)	-	-
Benzie.....	3	(D)	3	(D)	-	-
Berrien.....	37	101	30	(D)	20	(D)
Branch.....	3	(Z)	3	(Z)	-	-
Calhoun.....	7	4	7	4	-	-
Cass.....	2	(D)	2	(D)	-	-
Charlevoix.....	2	(D)	1	(D)	1	(D)
Cheboygan.....	8	4	8	4	-	-
Chippewa.....	4	4	4	4	-	-
Clare.....	3	(D)	3	(D)	-	-
Clinton.....	3	1	3	1	-	-
Delta.....	5	6	5	6	-	-
Dickinson.....	1	(D)	1	(D)	-	-
Eaton.....	2	(D)	2	(D)	-	-
Emmet.....	6	(D)	6	(D)	-	-
Genesee.....	8	(D)	8	(D)	-	-
Gladwin.....	3	(D)	3	(D)	-	-
Gogebic.....	2	(D)	2	(D)	-	-
Grand Traverse.....	4	(D)	3	(D)	3	7
Hillsdale.....	5	(D)	5	(D)	-	-
Houghton.....	2	(D)	2	(D)	1	(D)
Ingham.....	9	(D)	6	(D)	3	1
Ionia.....	14	10	14	10	-	-
Iosco.....	8	(D)	6	1	2	(D)
Isabella.....	12	15	2	(D)	10	(D)
Jackson.....	8	2	5	(D)	3	(D)
Kalamazoo.....	4	(Z)	3	(D)	1	(D)
Kalkaska.....	2	(D)	2	(D)	-	-
Kent.....	10	18	10	18	5	1
Keweenaw.....	6	9	6	9	-	-
Lake.....	1	(D)	1	(D)	1	(D)
Lapeer.....	6	(D)	1	(D)	5	4
Leelanau.....	17	(D)	8	10	9	(D)

--continued

Table 33. **Berries: 2017** (continued)

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

Geographic area	Total		Bearing age		Nonbearing age	
	Farms	Acres	Farms	Acres	Farms	Acres
RASPBERRIES, RED - Con.						
Counties - Con.						
Lenawee	7	12	7	12	-	-
Livingston	13	(D)	3	(D)	10	(D)
Mackinac	3	(D)	3	(D)	1	(D)
Macomb	9	17	9	17	-	(D)
Manistee	2	(D)	2	(D)	-	(D)
Marquette	4	(D)	4	(D)	-	(D)
Mecosta	4	2	4	2	-	(D)
Menominee	2	(D)	-	-	2	(D)
Midland	16	(D)	15	(D)	1	(D)
Missaukee	1	(D)	1	(D)	-	(D)
Montcalm	2	(D)	2	(D)	-	(D)
Muskegon	2	(D)	2	(D)	-	(D)
Newaygo	7	(D)	4	(D)	3	(D)
Oakland	20	11	18	(D)	4	(D)
Oceana	2	(D)	2	(D)	2	(D)
Osceola	2	(D)	-	-	2	(D)
Otsego	5	(D)	5	(D)	-	(D)
Ottawa	8	(D)	8	(D)	-	(D)
Presque Isle	3	(D)	3	(D)	-	(D)
Saginaw	6	(D)	2	(D)	5	2
St. Clair	11	3	8	2	3	(Z)
St. Joseph	8	(D)	2	(D)	6	(D)
Sanilac	13	13	8	6	11	8
Schoolcraft	1	(D)	1	(D)	-	(D)
Shiawassee	7	1	5	(D)	2	(D)
Tuscola	4	(D)	4	1	1	(D)
Van Buren	13	9	13	9	-	(D)
Washtenaw	20	15	18	(D)	3	(D)
Wayne	6	3	5	(D)	1	(D)
Wexford	2	(D)	2	(D)	-	(D)
RASPBERRIES, OTHER (SEE TEXT)						
State Total						
Michigan	44	25	32	17	17	8
Counties						
Allegan	1	(D)	1	(D)	-	(D)
Alpena	1	(D)	1	(D)	1	(D)
Antrim	4	(D)	-	-	4	(D)
Barry	2	(D)	2	(D)	-	(D)
Berrien	4	3	4	3	-	(D)
Charlevoix	1	(D)	1	(D)	-	(D)
Delta	1	(D)	1	(D)	-	(D)
Emmet	2	(D)	-	-	2	(D)
Isabella	1	(D)	1	(D)	-	(D)
Lapeer	2	(D)	2	(D)	2	(D)
Livingston	2	(D)	2	(D)	-	(D)
Manistee	1	(D)	1	(D)	-	(D)
Midland	10	2	4	(D)	6	(D)
Monroe	1	(D)	1	(D)	-	(D)
Montcalm	2	(D)	2	(D)	-	(D)
Muskegon	1	(D)	1	(D)	-	(D)
Newaygo	2	(D)	2	(D)	2	(D)
Washtenaw	6	1	6	1	-	(D)
STRAWBERRIES						
State Total						
Michigan	383	870	335	738	128	132
Counties						
Alger	9	2	2	(D)	7	(D)
Allegan	6	12	4	12	3	1
Alpena	3	(D)	3	(D)	1	(D)
Antrim	18	40	12	29	7	10
Barry	4	6	4	-	2	(D)
Bay	3	(D)	2	(D)	1	(D)
Berrien	16	51	16	50	4	2
Branch	2	(D)	-	-	2	(D)
Calhoun	12	10	12	(D)	1	(D)
Cass	2	(D)	2	(D)	1	(D)
Charlevoix	1	(D)	1	(D)	-	(D)
Cheboygan	1	(D)	1	(D)	-	(D)
Chippewa	3	(D)	3	(D)	-	(D)
Clare	1	(D)	1	(D)	1	(D)
Clinton	5	(D)	5	(D)	2	(D)
Delta	3	(D)	3	(D)	1	(D)
Dickinson	1	(D)	1	(D)	-	(D)
Eaton	4	(D)	2	(D)	2	(D)
Emmet	7	(D)	7	(D)	-	(D)
Genesee	11	1	11	1	-	(D)
Gladwin	3	(Z)	3	(Z)	-	(D)
Grand Traverse	5	35	5	(D)	1	(D)
Gratiot	7	4	7	4	-	(D)
Hillsdale	2	(D)	2	(D)	2	(D)
Houghton	17	45	17	33	13	12
Huron	2	(D)	2	(D)	-	(D)
Ingham	12	12	12	8	4	3

--continued

Table 33. Berries: 2017 (continued)

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

Geographic area	Total		Bearing age		Nonbearing age	
	Farms	Acres	Farms	Acres	Farms	Acres
STRAWBERRIES - Con.						
Counties - Con.						
Ionia.....	3	(D)	3	(D)	1	(D)
Iosco.....	3	2	3	2	-	-
Isabella.....	9	12	3	8	7	4
Jackson.....	2	(Z)	2	(Z)	-	-
Kalamazoo.....	4	(Z)	4	(Z)	-	-
Kalkaska.....	4	2	4	(Z)	2	(D)
Kent.....	9	45	9	40	1	6
Lake.....	1	(D)	1	(D)	1	(D)
Lapeer.....	2	(D)	2	(D)	-	-
Leelanau.....	13	24	11	(D)	4	(D)
Lenawee.....	6	(D)	3	(D)	3	(Z)
Livingston.....	4	(D)	4	(D)	2	(D)
Mackinac.....	1	(D)	1	(D)	-	-
Macomb.....	5	21	5	(D)	2	(D)
Manistee.....	7	56	5	46	4	10
Marquette.....	3	(D)	3	(D)	-	-
Mason.....	1	(D)	1	(D)	-	-
Mecosta.....	6	(D)	6	(D)	-	-
Menominee.....	2	(D)	-	-	2	(D)
Midland.....	9	3	9	2	6	1
Missaukee.....	3	1	3	1	-	-
Monroe.....	5	25	4	(D)	2	(D)
Montcalm.....	8	(D)	8	(D)	-	-
Montmorency.....	1	(D)	1	(D)	-	-
Muskegon.....	9	6	9	6	-	-
Newaygo.....	10	20	10	(D)	2	(D)
Oakland.....	1	(D)	1	(D)	-	-
Oceana.....	11	(D)	5	(D)	9	2
Ogemaw.....	2	(D)	2	(D)	-	-
Osceola.....	12	9	8	5	6	4
Oscoda.....	1	(D)	1	(D)	-	-
Otsego.....	1	(D)	1	(D)	-	-
Ottawa.....	10	25	10	(D)	2	(D)
Saginaw.....	8	9	8	(D)	2	(D)
St. Clair.....	4	5	3	(D)	2	(D)
St. Joseph.....	5	15	5	15	-	-
Sanilac.....	2	(D)	2	(D)	1	(D)
Shiawassee.....	1	(D)	1	(D)	1	(D)
Tuscola.....	2	(D)	2	(D)	1	(D)
Van Buren.....	12	66	12	(D)	1	(D)
Washtenaw.....	11	31	11	(D)	3	(D)
Wayne.....	6	1	5	(D)	1	(D)
Wexford.....	4	(D)	4	(D)	-	-
OTHER BERRIES						
State Total						
Michigan.....	70	103	43	42	39	62
Counties						
Alcona.....	2	(D)	-	-	2	(D)
Allegan.....	3	(D)	-	-	3	(D)
Antrim.....	2	(D)	2	(D)	2	(D)
Barry.....	2	(D)	2	(D)	-	-
Benzie.....	1	(D)	1	(D)	-	-
Berrien.....	2	(D)	2	(D)	-	-
Calhoun.....	1	(D)	1	(D)	-	-
Chippewa.....	2	(D)	-	-	2	(D)
Grand Traverse.....	2	(D)	2	(D)	1	(D)
Houghton.....	1	(D)	1	(D)	1	(D)
Isabella.....	1	(D)	1	(D)	1	(D)
Kalkaska.....	3	(D)	1	(D)	2	(D)
Keweenaw.....	6	1	6	1	-	-
Lapeer.....	1	(D)	-	-	1	(D)
Leelanau.....	8	5	6	1	8	4
Lenawee.....	3	1	3	(D)	1	(D)
Manistee.....	4	24	-	-	4	24
Midland.....	6	3	6	3	-	-
Missaukee.....	1	(D)	1	(D)	-	-
Newaygo.....	2	(D)	-	-	2	(D)
Oceana.....	1	(D)	-	-	1	(D)
Ottawa.....	2	(D)	-	-	2	(D)
Presque Isle.....	6	12	-	-	6	12
Washtenaw.....	8	(D)	8	(D)	-	-

Table 34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	2017					2012		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
BEDDING/GARDEN PLANTS, CUT FLOWERS AND CUT FLORIST GREENS, FOLIAGE PLANTS, POTTED FLOWERING PLANTS, AND OTHER FLORICULTURE AND BEDDING CROPS, TOTAL								
State Total								
Michigan.....	1,196	55,252,349	2,055	1,194	458,875,278	1,287	59,025,497	2,325
Counties								
Alcona.....	2	(D)	(D)	2	(D)	2	(D)	-
Alger.....	8	47,571	10	8	99,664	10	5,218	3
Allegan.....	43	2,636,942	67	43	17,341,323	45	2,990,862	38
Alpena.....	7	(D)	14	7	56,222	3	7,576	-
Antrim.....	22	130,592	39	22	1,267,769	20	145,126	10
Arenac.....	2	(D)	(D)	2	(D)	2	(D)	(D)
Baraga.....	1	(D)	-	1	(D)	2	(D)	(D)
Barry.....	9	250,584	12	9	1,236,112	14	281,420	13
Bay.....	11	270,699	(D)	11	2,116,481	18	305,573	18
Benzie.....	13	64,234	14	13	542,302	7	(D)	8
Berrien.....	46	2,266,782	60	46	21,746,082	53	1,653,535	114
Branch.....	9	228,600	(D)	9	8,680,591	13	51,334	(D)
Calhoun.....	14	(D)	2	14	2,707,055	15	(D)	9
Cass.....	11	282,490	3	11	(D)	11	303,176	2
Charlevoix.....	9	46,684	2	9	290,260	10	52,381	7
Cheboygan.....	11	19,828	2	11	125,774	7	58,788	(D)
Chippewa.....	12	26,936	(D)	10	93,290	8	22,200	(D)
Clare.....	5	25,800	2	5	(D)	6	8,824	1
Clinton.....	20	(D)	9	20	(D)	16	369,521	15
Delta.....	5	52,000	(D)	5	475,156	3	(D)	(D)
Dickinson.....	2	(D)	-	2	(D)	4	11,600	-
Eaton.....	8	(D)	4	8	(D)	10	106,496	(D)
Emmet.....	21	70,934	18	21	878,062	20	43,710	28
Genesee.....	16	1,672,782	11	16	(D)	28	1,413,408	17
Gladwin.....	1	(D)	-	1	(D)	3	27,000	-
Gogebic.....	2	(D)	(D)	2	(D)	3	9,516	-
Grand Traverse.....	19	101,380	13	19	755,756	13	104,432	17
Gratiot.....	3	(D)	(D)	3	(D)	13	280,720	8
Hillsdale.....	8	(D)	(D)	8	(D)	13	(D)	5
Houghton.....	8	19,288	(D)	8	225,000	9	27,296	41
Huron.....	5	70,100	-	5	423,792	8	66,860	2
Ingham.....	17	427,277	9	17	6,355,244	23	408,100	14
Ionia.....	7	70,250	4	7	959,706	7	(D)	(D)
Iosco.....	-	-	-	-	-	1	(D)	-
Iron.....	1	-	(D)	1	(D)	1	(D)	-
Isabella.....	10	55,750	(D)	10	324,200	6	(D)	3
Jackson.....	20	280,114	3	20	1,574,323	19	157,800	7
Kalamazoo.....	77	14,860,282	136	77	116,984,801	60	13,576,738	47
Kalkaska.....	2	-	(D)	2	(D)	1	-	(D)
Kent.....	46	5,809,183	70	46	73,330,228	53	5,291,128	48
Lake.....	2	(D)	-	2	(D)	6	(D)	10
Lapeer.....	28	392,194	45	28	2,677,521	21	389,293	(D)
Leelanau.....	32	202,180	24	32	611,581	19	191,235	16
Lenawee.....	18	169,270	8	18	1,042,381	22	258,542	11
Livingston.....	15	165,737	6	15	1,281,916	18	213,141	18
Luce.....	5	66,480	-	5	(D)	2	(D)	-
Mackinac.....	2	-	(D)	2	(D)	-	-	-
Macomb.....	35	2,149,986	65	35	19,883,534	56	2,510,778	168
Manistee.....	8	(D)	10	8	(D)	8	(D)	2
Marquette.....	18	8,180	2	18	53,780	5	1,904	(D)
Mason.....	4	15,200	-	4	24,000	2	(D)	-
Mecosta.....	20	38,840	23	20	290,776	17	30,664	4
Menominee.....	3	22,200	-	3	(D)	6	27,280	(D)
Midland.....	15	65,952	8	15	313,678	12	133,666	13
Missaukee.....	5	(D)	5	5	48,436	15	9,400	16
Monroe.....	45	2,803,203	27	45	(D)	50	2,515,384	69
Montcalm.....	15	75,930	6	15	429,000	19	44,004	8
Montmorency.....	3	-	1	3	(D)	-	-	-
Muskegon.....	30	998,729	31	30	5,675,048	26	837,000	7
Newaygo.....	12	175,312	7	12	808,220	11	118,676	5
Oakland.....	33	1,097,120	13	33	8,833,007	36	937,529	24
Oceana.....	4	(D)	(D)	4	11,320	3	(D)	(D)
Ogemaw.....	2	(D)	-	2	(D)	7	185,862	(D)
Ontonagon.....	-	-	-	-	-	1	-	(D)
Osceola.....	1	(D)	(D)	1	(D)	14	14,738	5
Otsego.....	4	-	8	4	(D)	5	6,440	(D)
Ottawa.....	93	10,039,777	115	93	80,193,542	132	13,813,207	230
Presque Isle.....	4	25,230	(D)	4	(D)	5	41,670	-
Roscommon.....	1	(D)	-	1	(D)	4	(D)	(D)
Saginaw.....	11	(D)	17	11	(D)	19	363,461	15
St. Clair.....	27	512,005	46	27	4,343,460	20	581,063	37
St. Joseph.....	6	80,400	(D)	6	347,290	9	177,568	(D)
Sanilac.....	10	(D)	10	10	498,264	10	60,640	(D)
Schoolcraft.....	-	-	-	-	-	1	(D)	(D)
Shiawassee.....	8	21,480	5	8	247,480	10	35,820	6
Tuscola.....	18	83,624	4	18	655,260	14	50,060	2
Van Buren.....	34	150,666	14	34	1,428,311	22	865,392	14
Washtenaw.....	45	1,054,636	37	45	7,655,899	48	1,533,119	43
Wayne.....	41	2,483,348	25	41	15,473,902	45	3,374,981	34
Wexford.....	6	(D)	(D)	6	189,389	7	3,708	4

--continued

Table 34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	2017				2012			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
BEDDING/GARDEN PLANTS - ANNUALS, HERBACEOUS PERENNIALS, VEGETABLE PLANTS (INCLUDING HANGING BASKETS)								
State Total								
Michigan	870	47,868,358	551	868	387,594,834	1,044	51,075,210	850
Counties								
Alcona	2	(D)	(D)	2	(D)	2	(D)	-
Alger	4	(D)	(D)	4	(D)	6	(D)	2
Allegan	32	2,607,253	8	32	16,810,094	30	2,638,402	10
Alpena	5	(D)	(D)	5	(D)	3	7,576	-
Antrim	16	99,692	(D)	16	977,395	15	(D)	5
Arenac	2	(D)	(D)	2	(D)	2	(D)	(D)
Baraga	1	(D)	(D)	1	(D)	2	(D)	(D)
Barry	9	(D)	(D)	9	(D)	11	275,030	(D)
Bay	10	(D)	(D)	10	(D)	13	255,073	(D)
Benzie	11	51,930	10	11	464,030	4	(D)	(D)
Berrien	32	2,133,832	10	32	19,553,384	37	1,633,815	90
Branch	6	165,000	(D)	6	1,949,248	11	38,334	38
Calhoun	7	(D)	(D)	7	(D)	11	(D)	(D)
Cass	6	(D)	(D)	6	(D)	9	(D)	2
Charlevoix	8	35,942	(D)	8	154,660	9	52,381	(D)
Cheboygan	5	(D)	-	5	91,640	6	(D)	(D)
Chippewa	8	26,156	-	6	79,000	8	21,400	(D)
Clare	5	25,800	2	5	(D)	6	8,824	1
Clinton	9	(D)	(Z)	9	(D)	15	348,330	10
Delta	2	(D)	-	2	(D)	3	(D)	(D)
Dickinson	2	(D)	-	2	(D)	4	11,600	-
Eaton	5	(D)	4	5	(D)	8	72,400	(D)
Emmet	14	66,234	11	14	801,512	15	(D)	16
Genesee	13	1,522,282	7	13	(D)	24	1,301,812	15
Gladwin	-	-	-	-	-	3	(D)	-
Gogebic	2	(D)	(D)	2	(D)	3	9,516	-
Grand Traverse	11	97,880	2	11	706,906	6	103,944	-
Gratiot	3	(D)	(D)	3	(D)	12	280,720	(D)
Hillsdale	6	(D)	(D)	6	(D)	12	(D)	(D)
Houghton	6	(D)	(D)	6	(D)	9	27,296	41
Huron	4	(D)	-	4	(D)	6	(D)	(D)
Ingham	11	(D)	6	11	(D)	14	338,400	9
Ionia	6	70,250	(D)	6	(D)	5	(D)	(D)
Iosco	-	-	-	-	-	1	(D)	-
Iron	-	-	-	-	-	1	(D)	-
Isabella	8	54,420	(D)	8	317,050	6	(D)	3
Jackson	12	187,314	(D)	12	992,526	16	139,600	(D)
Kalamazoo	61	14,138,640	70	61	112,883,249	57	13,162,482	(D)
Kalkaska	1	-	(D)	1	(D)	1	(D)	(D)
Kent	31	3,735,012	48	31	54,029,141	40	3,484,468	39
Lake	2	(D)	-	2	(D)	6	(D)	10
Lapeer	23	(D)	2	23	2,411,102	18	(D)	(D)
Leelanau	10	138,230	(D)	10	302,044	11	167,693	4
Lenawee	16	166,953	7	16	1,027,838	21	(D)	9
Livingston	11	141,925	(D)	11	993,616	17	202,941	12
Luce	5	66,480	-	5	(D)	2	(D)	-
Macomb	26	1,682,686	(D)	26	16,227,314	49	2,135,894	(D)
Manistee	3	(D)	9	3	(D)	6	(D)	1
Marquette	11	4,466	(D)	11	25,672	2	(D)	-
Mason	4	(D)	-	4	(D)	2	(D)	-
Mecosta	20	38,840	23	20	290,776	16	26,864	(D)
Menominee	3	22,200	-	3	(D)	4	(D)	-
Midland	10	(D)	2	10	221,157	7	126,366	-
Missaukee	3	(D)	(D)	3	39,660	13	9,400	(D)
Monroe	31	2,241,353	13	31	15,113,988	41	2,196,052	(D)
Montcalm	12	(D)	(D)	12	396,200	19	43,204	(D)
Montmorency	1	-	(D)	1	(D)	-	-	-
Muskegon	27	906,646	(D)	27	5,121,260	25	787,928	7
Newaygo	9	(D)	1	9	674,220	8	59,876	(D)
Oakland	22	1,015,669	7	22	8,366,754	33	818,197	20
Oceana	4	(D)	(D)	4	11,320	1	-	(D)
Ogemaw	2	(D)	-	2	(D)	7	185,862	(D)
Osceola	1	(D)	(D)	1	(D)	6	(D)	(D)
Otsego	1	-	(D)	1	(D)	5	(D)	(D)
Ottawa	76	8,498,995	55	76	63,433,455	110	12,274,079	181
Presque Isle	4	(D)	(D)	4	(D)	5	41,670	-
Roscommon	1	(D)	-	1	(D)	4	(D)	(D)
Saginaw	8	(D)	7	8	(D)	17	(D)	(D)
St. Clair	22	(D)	30	22	4,275,530	19	562,688	26
St. Joseph	4	(D)	-	4	271,639	8	171,480	(D)
Sanilac	7	(D)	(D)	7	459,210	7	(D)	-
Schoolcraft	-	-	-	-	-	1	(D)	(D)
Shiawassee	5	21,480	(D)	5	(D)	7	(D)	(D)
Tuscola	12	60,424	(D)	12	514,740	11	50,060	(D)
Van Buren	19	(D)	(D)	19	(D)	12	580,562	-
Washtenaw	40	934,492	24	40	7,056,145	36	1,194,237	27
Wayne	34	1,931,627	20	34	12,452,513	36	2,212,876	14
Wexford	5	(D)	(D)	5	(D)	6	(D)	4

--continued

Table 34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	2017					2012		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
CUT FLOWERS AND CUT FLORIST GREENS								
State Total								
Michigan.....	296	197,110	1,275	296	9,739,698	214	111,448	1,258
Counties								
Alger.....	6	46,450	(D)	6	93,095	4	2,448	1
Allagan.....	8	(D)	20	8	210,291	10	(D)	28
Antrim.....	11	308	32	11	176,480	4	-	1
Barry.....	-	-	-	-	-	2	-	(D)
Bay.....	1	(D)	(D)	1	(D)	5	-	17
Benzie.....	6	-	4	6	25,600	3	-	(D)
Berrien.....	17	(D)	41	17	282,524	17	12,680	22
Branch.....	5	20,000	(D)	5	(D)	2	(D)	(D)
Calhoun.....	5	-	(D)	5	9,600	3	(D)	(D)
Cass.....	6	-	(D)	6	21,618	-	-	-
Charlevoix.....	1	-	(D)	1	(D)	1	-	(D)
Cheboygan.....	9	(D)	2	9	34,134	1	(D)	(D)
Chippewa.....	1	-	(D)	1	(D)	-	-	-
Clinton.....	12	1,312	8	12	54,560	-	-	-
Delta.....	3	(D)	(D)	3	(D)	-	-	-
Emmet.....	7	(D)	(D)	7	57,780	5	-	6
Genesee.....	3	-	(D)	3	19,200	3	(D)	(D)
Grand Traverse.....	8	(D)	11	8	(D)	5	-	(D)
Houghton.....	2	(D)	-	2	(D)	-	-	-
Huron.....	-	-	-	-	-	2	-	(D)
Ingham.....	7	11,768	(D)	7	66,280	9	4,300	(D)
Ionia.....	1	-	(D)	1	(D)	2	-	(D)
Iron.....	1	-	(D)	1	(D)	-	-	-
Isabella.....	2	(D)	-	2	(D)	-	-	-
Jackson.....	1	(D)	-	1	(D)	2	-	(D)
Kalamazoo.....	9	2,580	22	9	(D)	3	(D)	(D)
Kalkaska.....	2	-	(D)	2	(D)	-	-	-
Kent.....	19	(D)	(D)	19	(D)	12	-	(D)
Lapeer.....	6	-	42	6	260,000	6	(D)	(D)
Leelanau.....	24	6,900	18	24	209,797	8	(D)	11
Lenawee.....	-	-	-	-	-	1	-	(D)
Livingston.....	2	-	(D)	2	(D)	3	-	(D)
Mackinac.....	2	-	(D)	2	(D)	-	-	-
Macomb.....	13	-	(D)	13	(D)	8	-	33
Manistee.....	5	-	1	5	10,000	2	-	(D)
Marquette.....	5	-	(D)	5	8,320	3	(D)	(D)
Mason.....	2	(D)	-	2	(D)	-	-	-
Mecosta.....	-	-	-	-	-	2	-	(D)
Menominee.....	-	-	-	-	-	1	-	(D)
Midland.....	5	-	6	5	(D)	6	(D)	(D)
Missaukee.....	2	-	(D)	2	(D)	2	-	(D)
Monroe.....	7	(D)	(D)	7	414,440	7	(D)	13
Montcalm.....	-	-	-	-	-	2	(D)	(D)
Montmorency.....	2	-	(D)	2	(D)	-	-	-
Muskegon.....	1	(D)	(D)	1	(D)	2	(D)	-
Newaygo.....	3	-	6	3	(D)	4	-	(D)
Oakland.....	12	12,123	6	12	72,794	2	-	(D)
Oceana.....	-	-	-	-	-	1	-	(D)
Ogemaw.....	-	-	-	-	-	2	-	(D)
Osceola.....	-	-	-	-	-	8	-	(D)
Otsego.....	4	-	(D)	4	(D)	-	-	-
Ottawa.....	7	(D)	31	7	(D)	17	21,546	39
Saginaw.....	-	-	-	-	-	1	-	(D)
St. Clair.....	5	(D)	6	5	45,900	3	-	5
Sanilac.....	3	-	(D)	3	(D)	2	-	(D)
Shiawassee.....	3	-	(D)	3	(D)	2	-	(D)
Van Buren.....	11	(D)	(D)	11	(D)	7	(D)	8
Washtenaw.....	10	(D)	12	10	72,399	11	(D)	14
Wayne.....	8	4,600	(D)	8	128,396	6	575	(D)
Wexford.....	1	-	(D)	1	(D)	-	-	-
FOLIAGE PLANTS, INDOOR (INCLUDING HANGING BASKETS)								
State Total								
Michigan.....	123	1,383,142	16	121	11,701,653	107	920,840	27
Counties								
Alcona.....	-	-	-	-	-	2	(D)	-
Alger.....	1	(D)	-	1	(D)	1	(D)	-
Allagan.....	1	(D)	-	1	(D)	1	(D)	-
Antrim.....	2	(D)	-	2	-	2	-	(D)
Barry.....	2	(D)	(D)	2	(D)	3	(D)	(D)
Bay.....	-	-	-	-	-	1	(D)	-
Berrien.....	9	125,000	-	9	1,854,350	-	-	-
Branch.....	-	-	-	-	-	2	(D)	-
Calhoun.....	1	(D)	-	1	(D)	3	123,634	-
Cass.....	3	(D)	-	3	167,000	1	(D)	-
Charlevoix.....	2	(D)	-	2	(D)	-	-	-
Chippewa.....	-	-	-	-	-	2	(D)	-
Clinton.....	5	(D)	(Z)	5	(D)	4	(D)	(D)
Emmet.....	1	-	(D)	1	(D)	2	-	(D)

--continued

Table 34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	2017				2012			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
FOLIAGE PLANTS, INDOOR (INCLUDING HANGING BASKETS) - Con.								
Counties - Con.								
Genesee.....	2	(D)	(D)	2	(D)	2	(D)	-
Grand Traverse.....	1	(D)	-	1	(D)	2	(D)	(D)
Hillsdale.....	1	(D)	-	1	(D)	2	(D)	-
Huron.....	-	-	-	-	-	2	(D)	-
Ingham.....	1	(D)	-	1	(D)	4	29,400	(D)
Jackson.....	4	(D)	-	4	(D)	1	(D)	-
Kalamazoo.....	10	(D)	-	10	1,119,461	6	(D)	(D)
Kent.....	5	(D)	-	5	(D)	4	(D)	-
Lake.....	2	(D)	-	2	(D)	-	-	-
Lapeer.....	3	-	1	3	1,850	1	(D)	-
Leelanau.....	3	(D)	(D)	3	50,370	3	(D)	(D)
Lenawee.....	5	-	1	5	1,850	3	(D)	(D)
Livingston.....	1	(D)	-	1	(D)	2	(D)	-
Macomb.....	4	(D)	-	4	(D)	3	(D)	-
Manistee.....	-	-	-	-	-	2	-	(D)
Mecosta.....	-	-	-	-	-	1	(D)	-
Midland.....	1	(D)	-	1	(D)	2	(D)	-
Monroe.....	8	79,000	-	8	(D)	5	(D)	(D)
Montmorency.....	3	-	(D)	3	1,110	-	-	-
Muskegon.....	4	(D)	-	4	(D)	2	(D)	-
Oakland.....	8	26,133	-	8	166,278	4	(D)	2
Oceana.....	-	-	-	-	-	1	(D)	-
Osceola.....	-	-	-	-	-	2	(D)	-
Ottawa.....	12	(D)	-	12	1,205,802	8	161,618	-
Saginaw.....	1	-	(D)	1	(D)	1	(D)	-
St. Clair.....	4	-	9	4	20,730	3	(D)	-
St. Joseph.....	-	-	-	-	-	1	(D)	-
Shiawassee.....	-	-	-	-	-	1	(D)	-
Tuscola.....	1	(D)	-	1	(D)	-	-	-
Van Buren.....	6	(D)	-	6	(D)	2	(D)	-
Washtenaw.....	2	(D)	-	2	(D)	2	(D)	-
Wayne.....	4	15,387	-	4	113,832	11	5,504	(D)
POTTED FLOWERING PLANTS								
State Total								
Michigan.....	260	5,612,679	159	260	48,898,383	231	6,761,260	159
Counties								
Alcona.....	2	(D)	-	2	(D)	-	-	-
Allegan.....	6	21,410	(D)	6	(D)	8	(D)	1
Antrim.....	3	(D)	(D)	3	(D)	3	(D)	(D)
Arenac.....	1	(D)	-	1	(D)	1	(D)	-
Barry.....	2	(D)	(D)	2	(D)	6	(D)	4
Bay.....	1	(D)	-	1	(D)	2	(D)	-
Benzie.....	4	12,304	-	4	52,672	1	(D)	-
Berrien.....	3	5,000	-	3	28,000	8	(D)	2
Branch.....	6	43,600	-	6	(D)	1	(D)	-
Calhoun.....	3	(D)	-	3	(D)	3	(D)	-
Charlevoix.....	5	(D)	(D)	5	(D)	-	-	-
Chippewa.....	3	780	-	3	(D)	2	(D)	-
Clinton.....	6	(D)	1	6	7,400	6	(D)	(D)
Eaton.....	3	13,334	-	3	42,250	4	(D)	-
Emmet.....	4	(D)	(D)	4	(D)	2	(D)	(D)
Genesee.....	5	(D)	(D)	5	1,405,559	8	88,533	(D)
Gladwin.....	1	(D)	-	1	(D)	1	(D)	-
Grand Traverse.....	1	(D)	-	1	(D)	2	(D)	-
Gratiot.....	-	-	-	-	-	1	-	(D)
Hillsdale.....	3	(D)	(D)	3	(D)	2	(D)	(D)
Huron.....	-	-	-	-	-	4	8,260	-
Ingham.....	3	(D)	(D)	3	(D)	6	36,000	-
Isabella.....	1	(D)	-	1	(D)	-	-	-
Jackson.....	11	72,700	-	11	459,750	6	(D)	(D)
Kalamazoo.....	14	316,991	45	14	2,589,441	8	306,690	-
Kalkaska.....	1	-	(D)	1	(D)	-	-	-
Kent.....	11	1,991,322	-	11	(D)	13	(D)	-
Lapeer.....	3	(D)	1	3	4,569	3	31,100	-
Leelanau.....	4	(D)	(D)	4	(D)	4	12,342	(D)
Lenawee.....	6	(D)	1	6	4,000	1	(D)	-
Livingston.....	4	(D)	3	4	(D)	3	(D)	(D)
Macomb.....	6	(D)	(D)	6	501,200	13	(D)	(D)
Manistee.....	1	(D)	-	1	(D)	-	-	-
Marquette.....	12	3,714	-	12	19,788	-	-	-
Mecosta.....	-	-	-	-	-	3	(D)	-
Midland.....	6	(D)	(Z)	6	(D)	4	5,280	(D)
Missaukee.....	2	-	(D)	2	(D)	-	-	-
Monroe.....	17	447,550	(D)	17	1,860,566	14	276,860	4
Montcalm.....	2	(D)	(D)	2	(D)	2	(D)	-
Montmorency.....	1	-	(D)	1	(D)	-	-	-
Muskegon.....	7	67,299	(D)	7	397,410	4	33,000	-
Newaygo.....	1	(D)	-	1	(D)	5	58,800	-
Oakland.....	12	43,195	-	12	227,181	12	94,150	(D)
Ottawa.....	22	1,266,195	(D)	22	15,391,965	21	1,309,786	(D)
Presque Isle.....	2	(D)	(D)	2	(D)	-	-	-

--continued

Table 34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	2017					2012		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
POTTED FLOWERING PLANTS - Con.								
Counties - Con.								
Roscommon.....	-	-	-	-	-	2	(D)	-
Saginaw.....	3	(D)	(D)	3	(D)	4	(D)	(D)
St. Clair.....	4	-	1	4	1,300	5	(D)	7
St. Joseph.....	5	(D)	(D)	5	75,651	2	(D)	-
Sanilac.....	1	-	(D)	1	(D)	1	(D)	-
Tuscola.....	9	(D)	(D)	9	86,200	3	-	(D)
Van Buren.....	7	355	-	7	1,955	2	(D)	-
Washtenaw.....	9	118,664	(D)	9	522,991	11	334,480	(D)
Wayne.....	9	531,734	(D)	9	2,779,161	14	1,155,066	9
Wexford.....	2	(D)	-	2	(D)	-	-	-
OTHER FLORICULTURE AND BEDDING CROPS (SEE TEXT)								
State Total								
Michigan.....	49	191,060	54	49	940,710	56	156,739	32
Counties								
Allegan.....	1	-	(D)	1	(D)	1	(D)	-
Alpena.....	2	-	(D)	2	(D)	-	-	(D)
Antrim.....	2	(D)	(D)	2	(D)	1	(D)	(D)
Bay.....	-	-	-	-	-	2	(D)	(D)
Berrien.....	4	(D)	9	4	27,824	1	(D)	-
Branch.....	-	-	-	-	-	2	-	(D)
Calhoun.....	-	-	-	-	-	2	-	(D)
Cass.....	-	-	-	-	-	2	(D)	-
Clinton.....	-	-	-	-	-	1	-	(D)
Eaton.....	1	(D)	-	1	(D)	1	(D)	-
Emmet.....	-	-	-	-	-	1	-	(D)
Grand Traverse.....	-	-	-	-	-	1	-	(D)
Huron.....	1	(D)	-	1	(D)	-	-	-
Jackson.....	4	(D)	(D)	4	(D)	1	(D)	-
Kalamazoo.....	1	(D)	-	1	(D)	1	(D)	-
Kent.....	1	-	(D)	1	(D)	1	-	(D)
Lapeer.....	-	-	-	-	-	1	(D)	-
Leelanau.....	1	-	(D)	1	(D)	2	-	(D)
Lenawee.....	6	(D)	-	6	8,693	-	-	-
Livingston.....	3	8,912	-	3	182,000	-	-	-
Macomb.....	-	-	-	-	-	3	-	2
Manistee.....	-	-	-	-	-	2	-	(D)
Mecosta.....	-	-	-	-	-	1	(D)	-
Menominee.....	-	-	-	-	-	2	-	(D)
Missaukee.....	2	-	(D)	2	(D)	-	-	-
Monroe.....	3	(D)	-	3	(D)	4	7,200	(D)
Montcalm.....	1	-	(D)	1	(D)	-	-	-
Oakland.....	-	-	-	-	-	3	(D)	(D)
Ontonagon.....	-	-	-	-	-	1	-	(D)
Otsego.....	-	-	-	-	-	2	(D)	-
Ottawa.....	1	-	(D)	1	(D)	6	46,178	(D)
Saginaw.....	4	-	(D)	4	14,100	1	(D)	-
Sanilac.....	1	-	(D)	1	(D)	-	-	-
Tuscola.....	5	-	2	5	(D)	-	-	-
Van Buren.....	2	-	(D)	2	(D)	3	-	6
Washtenaw.....	1	-	(D)	1	(D)	3	(D)	(D)
Wayne.....	-	-	-	-	-	3	960	-
Wexford.....	2	(D)	-	2	(D)	1	(D)	-
NURSERY STOCK CROPS (SEE TEXT)								
State Total								
Michigan.....	566	15,157,205	13,754	563	159,976,625	882	13,660,430	17,472
Counties								
Alcona.....	2	(D)	-	2	(D)	2	-	(D)
Alger.....	4	(D)	11	4	107,100	5	(D)	28
Allegan.....	29	(D)	2,245	29	(D)	41	(D)	1,751
Alpena.....	-	-	-	-	-	4	(D)	14
Antrim.....	12	-	159	12	(D)	14	1,128	123
Arenac.....	1	(D)	(D)	1	(D)	-	-	-
Baraga.....	1	-	(D)	1	(D)	3	-	(D)
Barry.....	4	(D)	82	4	911,200	5	-	38
Bay.....	5	(D)	(D)	5	(D)	10	64,960	210
Benzie.....	3	-	(D)	3	(D)	4	-	3
Berrien.....	34	159,310	560	34	(D)	36	143,083	885
Branch.....	3	(D)	4	3	(D)	4	6,000	(D)
Calhoun.....	10	(D)	19	10	(D)	15	74,408	224
Cass.....	10	(D)	402	10	541,005	11	(D)	73
Charlevoix.....	9	-	22	9	222,104	5	(D)	(D)
Cheboygan.....	3	-	1	3	(D)	5	-	26
Chippewa.....	4	-	(D)	4	(D)	3	-	(D)
Clinton.....	12	-	80	12	401,000	17	(D)	114
Crawford.....	-	-	-	-	-	2	-	(D)
Delta.....	1	(D)	-	1	(D)	-	-	-
Eaton.....	10	(D)	144	10	604,960	14	21,000	173
Emmet.....	12	-	207	12	(D)	16	(D)	178
Genesee.....	10	(D)	63	10	(D)	20	13,210	157

--continued

Table 34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	2017				2012			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
NURSERY STOCK CROPS (SEE TEXT) - Con.								
Counties - Con.								
Gladwin.....	1	(D)	(D)	1	(D)	2	(D)	(D)
Grand Traverse.....	5	(D)	(D)	5	(D)	11	12,360	97
Griiot.....	1	-	(D)	1	(D)	5	-	12
Hillsdale.....	9	16,000	66	9	(D)	5	-	41
Houghton.....	3	-	(Z)	3	33,000	6	-	2
Huron.....	3	(D)	(D)	3	(D)	6	-	52
Ingham.....	16	(D)	846	15	(D)	18	(D)	492
Ionia.....	3	-	3	3	33,000	4	-	(D)
Iosco.....	-	-	-	-	-	5	(D)	3
Isabella.....	1	-	(D)	1	(D)	4	-	119
Jackson.....	12	6,000	742	12	2,464,700	10	(D)	329
Kalamazoo.....	15	(D)	138	15	931,100	21	52,200	298
Kalkaska.....	3	-	(D)	3	(D)	4	-	26
Kent.....	21	68,000	168	21	2,229,800	46	207,390	816
Lake.....	2	-	(D)	2	(D)	3	(D)	111
Lapeer.....	7	-	128	7	(D)	29	(D)	267
Leelanau.....	5	71,610	(D)	5	252,440	14	(D)	26
Lenawee.....	10	(D)	88	10	(D)	24	9,950	166
Livingston.....	16	(D)	322	16	(D)	30	(D)	458
Luce.....	1	-	(D)	1	(D)	2	-	(D)
Mackinac.....	-	-	-	-	-	1	-	(D)
Macomb.....	11	-	1,210	11	9,096,900	17	6,840	790
Manistee.....	4	(D)	39	4	(D)	15	-	359
Marquette.....	7	(D)	9	7	115,600	1	-	(D)
Mason.....	6	-	37	6	(D)	9	-	371
Mecosta.....	-	-	-	-	-	4	-	3
Menominee.....	-	-	-	-	-	2	-	(D)
Midland.....	-	-	-	-	-	5	(D)	5
Missaukee.....	7	-	(D)	7	4,817,600	10	(D)	137
Monroe.....	18	90,232	87	18	978,646	24	39,112	254
Montcalm.....	11	(D)	651	11	4,193,767	12	(D)	799
Montmorency.....	2	-	(D)	2	(D)	-	-	-
Muskegon.....	16	(D)	10	16	(D)	10	(D)	66
Newaygo.....	8	(D)	61	8	(D)	10	-	145
Oakland.....	21	45,135	116	21	3,737,730	37	33,583	227
Oceana.....	3	-	24	3	340,000	12	-	348
Ogemaw.....	1	-	(D)	1	(D)	-	-	-
Osceola.....	4	-	1	4	(D)	4	(D)	85
Otsego.....	2	-	(D)	2	(D)	4	-	70
Ottawa.....	44	13,994,229	1,660	44	49,103,745	66	12,376,840	2,683
Presque Isle.....	2	(D)	(D)	2	(D)	7	750	36
Roscommon.....	-	-	-	-	-	1	-	(D)
Saginaw.....	15	(D)	388	15	3,831,145	25	22,539	391
St. Clair.....	16	-	493	15	6,439,633	14	(D)	305
St. Joseph.....	3	(D)	(D)	3	(D)	5	-	68
Sanilac.....	1	-	(D)	1	(D)	11	-	595
Schoolcraft.....	1	-	(D)	1	(D)	5	-	(D)
Shiawassee.....	6	(D)	257	5	(D)	7	(D)	(D)
Tuscola.....	4	(D)	12	4	118,180	6	-	83
Van Buren.....	13	(D)	385	13	7,117,137	17	(D)	417
Washtenaw.....	13	(D)	125	13	5,708,224	31	25,810	339
Wayne.....	7	(D)	46	7	508,768	18	(D)	227
Wexford.....	7	-	14	7	(D)	7	-	27
AQUATIC PLANTS								
State Total								
Michigan.....	20	20,474	5	20	141,849	19	100,880	28
Counties								
Alger.....	1	(D)	-	1	(D)	-	-	-
Benzie.....	-	-	-	-	-	2	-	(D)
Emmet.....	1	-	(D)	1	(D)	-	-	-
Genesee.....	-	-	-	-	-	1	(D)	-
Ingham.....	-	-	-	-	-	1	(D)	(D)
Kent.....	1	(D)	-	1	(D)	1	(D)	(D)
Macomb.....	1	-	(D)	1	(D)	3	(D)	(D)
Manistee.....	-	-	-	-	-	2	-	(D)
Newaygo.....	1	(D)	-	1	(D)	2	(D)	-
Oakland.....	2	(D)	-	2	(D)	-	-	-
Ottawa.....	2	(D)	-	2	(D)	3	292	(D)
Van Buren.....	-	-	-	-	-	2	(D)	(D)
Wayne.....	11	8,266	(D)	11	107,862	2	(D)	(D)
BULBS, CORMS, RHIZOMES, AND TUBERS - DRY								
State Total								
Michigan.....	54	167,749	370	54	(D)	40	336,058	281
Counties								
Alger.....	2	(D)	-	2	(D)	-	-	-
Allegan.....	1	(D)	(D)	1	(D)	3	(D)	(D)
Antrim.....	2	(D)	(D)	2	(D)	-	-	-
Benzie.....	-	-	-	-	-	1	-	(D)

--continued

Table 34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	2017					2012		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
BULBS, CORMS, RHIZOMES, AND TUBERS - DRY - Con.								
Counties - Con.								
Berrien	3	-	42	3	54,000	2	-	(D)
Branch	-	-	-	-	-	2	-	(D)
Cass	4	(D)	1	4	3,500	-	-	(D)
Chippewa	-	-	-	-	-	1	-	(D)
Clinton	2	(D)	-	2	(D)	-	-	(D)
Emmet	1	(D)	-	1	(D)	3	-	1
Gratiot	-	-	-	-	-	1	-	(D)
Ingham	1	-	(D)	1	(D)	2	-	(D)
Iosco	1	-	(D)	1	(D)	-	-	(D)
Kalkaska	-	-	-	-	-	1	-	(D)
Kent	4	(D)	3	4	(D)	3	(D)	(D)
Lenawee	-	-	-	-	-	1	-	(D)
Livingston	2	(D)	-	2	(D)	1	(D)	-
Manistee	5	-	2	5	-	-	-	-
Monroe	6	10,800	-	6	28,080	2	-	(D)
Muskegon	-	-	-	-	-	1	(D)	-
Oakland	2	-	(D)	2	(D)	4	-	(Z)
Ottawa	5	(D)	1	5	(D)	2	-	(D)
St. Clair	2	-	(D)	2	(D)	1	(D)	(D)
St. Joseph	1	-	(D)	1	(D)	1	-	(D)
Sanilac	1	-	(D)	1	(D)	-	-	-
Shiawassee	-	-	-	-	-	2	-	(D)
Tuscola	4	-	3	4	13,000	-	-	-
Washtenaw	4	-	1	4	6,500	-	-	-
Wayne	1	(D)	-	1	(D)	6	(D)	-
CUTTINGS, SEEDLINGS, LINERS, AND PLUGS (SEE TEXT)								
State Total								
Michigan	66	4,540,615	118	66	85,624,392	73	3,720,927	97
Counties								
Alger	-	-	-	-	-	1	(D)	-
Allegan	2	(D)	(D)	2	(D)	4	(D)	(D)
Bay	-	-	-	-	-	2	(D)	-
Berrien	10	(D)	7	10	(D)	1	(D)	-
Branch	-	-	-	-	-	3	(D)	1
Calhoun	2	(D)	-	2	(D)	2	(D)	-
Charlevoix	3	1,092	-	3	27,300	-	-	-
Clinton	2	(D)	-	2	(D)	1	(D)	-
Delta	1	(D)	-	1	(D)	-	-	-
Emmet	1	(D)	-	1	(D)	1	-	(D)
Genesee	-	-	-	-	-	3	2,850	-
Grand Traverse	1	(D)	-	1	(D)	-	-	-
Hillsdale	2	-	(D)	2	(D)	1	(D)	-
Huron	-	-	-	-	-	2	(D)	-
Ingham	2	(D)	-	2	(D)	1	(D)	(D)
Jackson	4	125,000	-	4	(D)	7	458,850	-
Kalamazoo	2	(D)	-	2	(D)	5	(D)	-
Kent	6	750,600	3	6	14,850,362	5	(D)	-
Leelanau	1	(D)	-	1	(D)	5	-	-
Macomb	1	(D)	-	1	(D)	5	246,648	-
Manistee	1	(D)	-	1	(D)	-	-	-
Marquette	2	(D)	-	2	(D)	-	-	-
Mason	2	(D)	(D)	2	(D)	-	-	-
Mecosta	4	480	-	4	8,000	-	-	-
Midland	-	-	-	-	-	2	(D)	-
Monroe	2	(D)	-	2	(D)	-	-	-
Muskegon	1	(D)	(D)	1	(D)	2	(D)	(D)
Oakland	-	-	-	-	-	9	14,128	(D)
Ottawa	10	1,781,214	(D)	10	16,564,447	14	1,675,700	(D)
Saginaw	-	-	-	-	-	1	(D)	-
St. Clair	1	-	(D)	1	(D)	1	(D)	-
Van Buren	1	-	(D)	1	(D)	1	-	(D)
Washtenaw	1	(D)	-	1	(D)	-	-	-
Wayne	1	(D)	-	1	(D)	3	(D)	(D)
FLOWER SEEDS								
State Total								
Michigan	25	3,322	177	25	376,258	21	17,685	71
Counties								
Allegan	6	-	150	6	(D)	1	-	(D)
Berrien	-	-	-	-	-	1	(D)	-
Calhoun	1	(D)	-	1	(D)	-	-	-
Cass	2	(D)	(D)	2	(D)	-	-	-
Charlevoix	3	1,092	-	3	2,184	-	-	-
Chippewa	-	-	-	-	-	1	-	(D)
Clinton	1	(D)	-	1	(D)	-	-	-
Emmet	1	(D)	-	1	(D)	-	-	-
Genesee	-	-	-	-	-	2	(D)	-
Huron	-	-	-	-	-	2	(D)	-
Ionia	1	-	(D)	1	(D)	2	-	(D)

--continued

Table 34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	2017				2012			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
FLOWER SEEDS - Con.								
Counties - Con.								
Lapeer	1	(D)	-	1	(D)	-	-	-
Leelanau	-	-	-	-	-	3	(D)	(D)
Livingston	-	-	-	-	-	2	-	-
Marquette	2	-	(D)	2	(D)	2	(D)	(D)
Oakland	3	150	-	3	255	1	(D)	(D)
Ottawa	-	-	-	-	-	1	-	-
St. Clair	-	-	-	-	-	1	-	(D)
Washtenaw	4	-	(Z)	4	530	-	-	-
Wayne	-	-	-	-	-	2	-	(D)
TOBACCO TRANSPLANTS TO FARM FIELDS								
State Total								
Michigan	-	-	-	-	-	1	-	(D)
Counties								
Lapeer	-	-	-	-	-	1	-	(D)
VEGETABLE SEEDS								
State Total								
Michigan	42	12,416	20	42	68,843	32	20,644	25
Counties								
Allegan	1	-	(D)	1	(D)	-	-	-
Alpena	-	-	-	-	-	1	-	(D)
Antrim	2	(D)	-	2	(D)	1	(D)	(D)
Arenac	1	-	(D)	1	(D)	-	-	-
Calhoun	1	(D)	-	1	(D)	-	-	-
Cass	1	(D)	-	1	(D)	2	(D)	(D)
Charlevoix	3	1,092	-	3	2,184	-	-	-
Chippewa	-	-	-	-	-	1	-	(D)
Clinton	1	(D)	-	1	(D)	1	(D)	-
Delta	2	(D)	-	2	(D)	-	-	-
Emmet	3	4,500	-	3	9,000	1	(D)	-
Genesee	-	-	-	-	-	2	(D)	-
Griiot	1	-	(D)	1	(D)	-	-	-
Houghton	-	-	-	-	-	2	(D)	-
Huron	-	-	-	-	-	2	(D)	-
Lapeer	5	(D)	(Z)	5	1,654	3	(D)	3
Leelanau	2	-	(D)	2	(D)	-	-	-
Macomb	-	-	-	-	-	3	-	5
Manistee	-	-	-	-	-	1	(D)	(D)
Marquette	6	1,152	-	6	14,400	1	(D)	-
Mason	2	-	(D)	2	(D)	-	-	-
Mecosta	4	480	-	4	960	-	-	-
Oakland	3	90	-	3	360	-	-	-
Ottawa	-	-	-	-	-	4	(D)	3
Presque Isle	1	-	(D)	1	(D)	3	30	6
St. Clair	-	-	-	-	-	1	-	(D)
Van Buren	-	-	-	-	-	3	-	3
Washtenaw	2	-	(D)	2	(D)	-	-	-
Wexford	1	(D)	(D)	1	(D)	-	-	-
VEGETABLE TRANSPLANTS TO FARM FIELDS								
State Total								
Michigan	139	1,500,057	110	134	5,813,313	112	1,084,646	97
Counties								
Alger	3	3,000	-	-	-	4	1,300	-
Allegan	5	16,096	-	5	26,448	8	39,140	(D)
Alpena	-	-	-	-	-	3	(D)	(D)
Antrim	3	6,000	24	3	288,000	1	(D)	(D)
Barry	3	306	-	3	762	-	-	-
Bay	2	(D)	-	2	(D)	4	1,160	(D)
Berrien	9	20,084	-	9	52,170	2	(D)	-
Cass	2	(D)	-	2	(D)	1	(D)	-
Cheboygan	2	(D)	-	2	(D)	2	(D)	(D)
Clinton	-	-	-	-	-	1	(D)	(D)
Delta	1	-	(D)	1	(D)	-	-	-
Eaton	-	-	-	-	-	1	(D)	-
Emmet	5	7,800	(D)	5	84,300	-	-	-
Genesee	6	-	2	6	12,600	2	(D)	-
Hillsdale	4	2,754	-	4	5,800	3	2,000	-
Houghton	-	-	-	-	-	1	(D)	-
Ingham	2	(D)	-	2	(D)	3	42,600	-
Ionia	1	(D)	-	1	(D)	-	-	-
Isabella	1	(D)	-	1	(D)	-	-	-
Jackson	-	-	-	-	-	3	2,300	-
Kalamazoo	3	48,000	-	3	165,000	-	-	-
Kent	5	836	-	5	2,007	1	(D)	-
Lapeer	6	7,200	-	6	17,280	2	(D)	(D)
Leelanau	10	38,942	2	10	115,260	2	(D)	-

--continued

Table 34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	2017				2012			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
VEGETABLE TRANSPLANTS TO FARM FIELDS - Con.								
Counties - Con.								
Lenawee	-	-	-	-	-	3	54,935	-
Livingston	3	7,864	(D)	3	114,934	3	(D)	(D)
Macomb	2	(D)	-	2	(D)	7	6,061	(D)
Manistee	-	-	-	-	-	1	-	(D)
Marquette	2	(D)	-	2	(D)	-	-	-
Mason	-	-	-	-	-	2	(D)	-
Mecosta	2	(D)	-	2	(D)	2	(D)	-
Midland	-	-	-	-	-	3	-	3
Monroe	7	424,914	-	7	1,191,952	5	(D)	(D)
Montcalm	2	-	(D)	2	(D)	2	(D)	-
Muskegon	-	-	-	-	-	2	(D)	-
Newaygo	2	(D)	-	2	(D)	-	-	-
Oakland	3	123	-	3	294	1	(D)	-
Oceana	3	(D)	(D)	2	(D)	1	(D)	-
Ogemaw	2	-	(D)	2	(D)	-	-	-
Ontonagon	-	-	-	-	-	1	(D)	-
Osceola	-	-	-	-	-	2	(D)	-
Otsego	1	-	(D)	1	(D)	-	-	-
Ottawa	5	32,600	-	5	69,940	8	23,784	(D)
Roscommon	3	-	(Z)	3	2,100	-	-	-
Saginaw	-	-	-	-	-	2	(D)	-
St. Clair	3	12,000	-	3	28,800	5	5,302	(D)
Sanilac	3	(D)	(D)	3	36,064	2	(D)	(D)
Tuscola	8	12,040	15	8	172,296	1	(D)	-
Van Buren	3	(D)	-	2	(D)	3	(D)	-
Washtenaw	4	7,432	(D)	4	49,200	7	3,111	17
Wayne	8	27,480	-	8	65,952	5	770	1
SOD HARVESTED								
State Total								
Michigan	41	(X)	6,244	41	18,683,640	44	(X)	6,057
Counties								
Allegan	4	(X)	4	4	9,000	-	(X)	-
Berrien	-	(X)	-	-	-	1	(X)	(D)
Calhoun	-	(X)	-	-	-	2	(X)	(D)
Chippewa	-	(X)	-	-	-	1	(X)	(D)
Clinton	-	(X)	-	-	-	1	(X)	(D)
Emmet	-	(X)	-	-	-	2	(X)	(D)
Genesee	2	(X)	(D)	2	(D)	1	(X)	(D)
Ingham	3	(X)	(D)	3	(D)	4	(X)	370
Ionia	1	(X)	(D)	1	(D)	2	(X)	(D)
Lapeer	6	(X)	945	6	2,640,000	4	(X)	340
Livingston	1	(X)	(D)	1	(D)	3	(X)	286
Macomb	6	(X)	1,461	6	5,015,400	5	(X)	372
Monroe	1	(X)	(D)	1	(D)	-	(X)	-
Oakland	2	(X)	(D)	2	(D)	2	(X)	(D)
Ottawa	-	(X)	-	-	-	1	(X)	(D)
Saginaw	2	(X)	(D)	2	(D)	1	(X)	(D)
St. Clair	3	(X)	589	3	1,294,500	4	(X)	270
St. Joseph	2	(X)	(D)	2	(D)	2	(X)	(D)
Sanilac	1	(X)	(D)	1	(D)	3	(X)	1,500
Shiawassee	1	(X)	(D)	1	(D)	1	(X)	(D)
Tuscola	1	(X)	(D)	1	(D)	1	(X)	(D)
Washtenaw	2	(X)	(D)	2	(D)	1	(X)	(D)
Wayne	3	(X)	(D)	3	(D)	2	(X)	(D)
TOTAL GREENHOUSE VEGETABLES AND FRESH CUT HERBS (SEE TEXT)								
State Total								
Michigan	494	2,131,084	(X)	494	8,616,019	341	1,331,275	(X)
Counties								
Alcona	2	(D)	(X)	2	(D)	2	(D)	(X)
Alger	9	31,005	(X)	9	122,236	12	23,691	(X)
Allegan	10	51,329	(X)	10	469,247	6	40,100	(X)
Alpena	5	14,400	(X)	5	52,245	4	2,200	(X)
Antrim	8	33,780	(X)	8	76,353	4	9,790	(X)
Baraga	1	(D)	(X)	1	(D)	-	-	(X)
Barry	5	2,252	(X)	5	16,306	3	10,160	(X)
Bay	1	(D)	(X)	1	(D)	-	-	(X)
Benzie	7	9,780	(X)	7	(D)	1	(D)	(X)
Berrien	17	16,586	(X)	17	95,388	8	23,655	(X)
Branch	1	(D)	(X)	1	(D)	1	(D)	(X)
Calhoun	5	(D)	(X)	5	149,600	5	31,320	(X)
Cass	8	42,212	(X)	8	256,045	10	45,816	(X)
Charlevoix	7	5,564	(X)	7	35,436	1	(D)	(X)
Cheboygan	4	10,932	(X)	4	19,353	2	(D)	(X)
Chippewa	4	7,080	(X)	4	(D)	8	11,124	(X)
Clare	2	(D)	(X)	2	(D)	7	2,472	(X)
Clinton	7	65,870	(X)	7	177,880	6	28,825	(X)
Delta	6	27,720	(X)	6	(D)	1	(D)	(X)
Dickinson	2	(D)	(X)	2	(D)	-	-	(X)

--continued

Table 34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	2017					2012		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
TOTAL GREENHOUSE VEGETABLES AND FRESH CUT HERBS (SEE TEXT) - Con.								
Counties - Con.								
Eaton	2	(D)	(X)	2	(D)	5	18,400	(X)
Emmet	14	100,856	(X)	14	596,368	3	4,280	(X)
Genesee	11	34,760	(X)	11	128,880	16	31,387	(X)
Gladwin	4	5,952	(X)	4	(D)	1	(D)	(X)
Grand Traverse	1	(D)	(X)	1	(D)	6	3,816	(X)
Gratiot	-	-	(X)	-	-	2	(D)	(X)
Hillsdale	6	28,926	(X)	6	85,006	3	(D)	(X)
Houghton	6	17,620	(X)	6	96,710	3	(D)	(X)
Huron	2	(D)	(X)	2	(D)	5	22,140	(X)
Ingham	6	10,482	(X)	6	46,915	4	14,800	(X)
Ionia	1	(D)	(X)	1	(D)	3	40,504	(X)
Iosco	-	-	(X)	-	-	1	(D)	(X)
Iron	1	(D)	(X)	1	(D)	1	(D)	(X)
Isabella	8	22,836	(X)	8	(D)	1	(D)	(X)
Jackson	6	10,600	(X)	6	34,000	1	(D)	(X)
Kalamazoo	14	18,568	(X)	14	58,734	4	(D)	(X)
Kalkaska	4	8,700	(X)	4	(D)	3	6,200	(X)
Kent	26	146,390	(X)	26	503,017	9	37,480	(X)
Lake	2	(D)	(X)	2	(D)	5	24,960	(X)
Lapeer	12	26,134	(X)	12	136,762	5	12,328	(X)
Leelanau	12	60,480	(X)	12	146,728	12	31,075	(X)
Lenawee	11	9,760	(X)	11	37,440	3	8,160	(X)
Livingston	10	6,006	(X)	10	65,966	10	36,432	(X)
Mackinac	4	12,564	(X)	4	32,956	-	-	(X)
Macomb	8	22,480	(X)	8	117,200	8	20,131	(X)
Manistee	12	28,200	(X)	12	197,490	9	24,028	(X)
Marquette	10	31,764	(X)	10	122,308	2	(D)	(X)
Mason	2	(D)	(X)	2	(D)	2	(D)	(X)
Mecosta	10	20,040	(X)	10	53,266	7	26,200	(X)
Menominee	1	(D)	(X)	1	(D)	1	(D)	(X)
Midland	5	11,660	(X)	5	(D)	4	8,380	(X)
Missaukee	6	17,288	(X)	6	93,420	3	10,800	(X)
Monroe	3	28,960	(X)	3	135,392	3	(D)	(X)
Montcalm	5	(D)	(X)	5	(D)	6	(D)	(X)
Montmorency	3	4,032	(X)	3	4,200	-	-	(X)
Muskegon	1	(D)	(X)	1	(D)	-	-	(X)
Newaygo	11	20,622	(X)	11	96,048	7	2,240	(X)
Oakland	11	11,142	(X)	11	21,776	3	1,041	(X)
Oceana	-	-	(X)	-	-	5	15,670	(X)
Ontonagon	4	6,624	(X)	4	854,534	1	(D)	(X)
Osceola	6	18,698	(X)	6	123,866	9	28,592	(X)
Oscoda	-	-	(X)	-	-	2	(D)	(X)
Oshtemo	3	3,896	(X)	3	31,168	4	3,400	(X)
Ottawa	9	114,676	(X)	9	352,353	12	89,854	(X)
Presque Isle	-	-	(X)	-	-	3	600	(X)
Roscommon	4	15,480	(X)	4	(D)	1	(D)	(X)
Saginaw	3	870	(X)	3	2,680	6	16,197	(X)
St. Clair	18	71,020	(X)	18	314,054	7	30,320	(X)
St. Joseph	2	(D)	(X)	2	(D)	1	(D)	(X)
Sanilac	12	32,128	(X)	12	(D)	10	17,820	(X)
Shiawassee	9	27,768	(X)	9	104,832	2	(D)	(X)
Tuscola	7	15,376	(X)	7	65,008	4	13,330	(X)
Van Buren	11	75,022	(X)	11	64,547	4	32,500	(X)
Washtenaw	17	145,642	(X)	17	509,774	8	55,201	(X)
Wayne	25	251,960	(X)	25	605,078	18	23,322	(X)
Wexford	2	(D)	(X)	2	(D)	2	(D)	(X)
GREENHOUSE TOMATOES								
State Total								
Michigan	370	823,593	(X)	367	4,805,058	242	570,187	(X)
Counties								
Alcona	2	(D)	(X)	2	(D)	-	-	(X)
Alger	8	9,507	(X)	5	25,656	10	9,025	(X)
Allegan	5	23,100	(X)	5	(D)	4	(D)	(X)
Alpena	5	3,730	(X)	5	29,840	3	(D)	(X)
Antrim	8	15,240	(X)	8	49,920	2	(D)	(X)
Baraga	1	(D)	(X)	1	(D)	-	-	(X)
Barry	5	1,946	(X)	5	15,664	3	2,626	(X)
Bay	1	(D)	(X)	1	(D)	-	-	(X)
Benzie	7	6,100	(X)	7	32,000	1	(D)	(X)
Berrien	7	12,803	(X)	7	87,624	5	10,790	(X)
Calhoun	4	5,200	(X)	4	(D)	5	18,093	(X)
Cass	6	33,322	(X)	6	236,576	8	38,816	(X)
Charlevoix	5	3,792	(X)	5	30,636	-	-	(X)
Cheboygan	4	5,666	(X)	4	10,952	2	(D)	(X)
Chippewa	4	(D)	(X)	4	(D)	4	1,060	(X)
Clare	7	(D)	(X)	7	(D)	5	(D)	(X)
Clinton	6	22,410	(X)	7	108,080	3	308	(X)
Delta	6	13,300	(X)	6	72,400	1	(D)	(X)
Dickinson	2	(D)	(X)	2	(D)	-	-	(X)
Eaton	2	(D)	(X)	2	(D)	4	9,100	(X)
Emmet	14	65,416	(X)	14	229,008	1	(D)	(X)

--continued

Table 34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	2017				2012			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
GREENHOUSE TOMATOES - Con.								
Counties - Con.								
Genesee	9	16,770	(X)	9	91,360	16	16,528	(X)
Gladwin	4	5,952	(X)	4	(D)	1	(D)	(X)
Grand Traverse	-	-	(X)	-	-	6	(D)	(X)
Gratiot	-	-	(X)	-	-	2	(D)	(X)
Hillsdale	1	(D)	(X)	1	(D)	2	(D)	(X)
Houghton	5	10,120	(X)	5	80,960	3	(D)	(X)
Huron	2	(D)	(X)	2	(D)	5	22,140	(X)
Ingham	6	(D)	(X)	6	(D)	2	(D)	(X)
Ionia	1	(D)	(X)	1	(D)	1	(D)	(X)
Iron	1	(D)	(X)	1	(D)	1	(D)	(X)
Isabella	6	11,882	(X)	6	70,832	1	(D)	(X)
Jackson	4	(D)	(X)	4	16,000	1	(D)	(X)
Kalamazoo	8	4,634	(X)	8	37,072	3	(D)	(X)
Kalkaska	4	(D)	(X)	4	(D)	2	(D)	(X)
Kent	14	26,386	(X)	14	243,088	5	30,220	(X)
Lake	2	(D)	(X)	2	(D)	5	12,480	(X)
Lapeer	10	13,878	(X)	10	111,024	2	(D)	(X)
Leelanau	6	10,800	(X)	6	43,400	4	7,847	(X)
Lenawee	6	5,760	(X)	6	29,040	1	(D)	(X)
Livingston	8	(D)	(X)	8	(D)	7	8,898	(X)
Mackinac	4	1,204	(X)	4	5,548	-	-	(X)
Macomb	8	(D)	(X)	8	(D)	7	14,025	(X)
Manistee	9	18,300	(X)	9	163,000	6	11,560	(X)
Marquette	8	8,544	(X)	8	64,352	2	(D)	(X)
Mecosta	2	(D)	(X)	2	(D)	3	19,000	(X)
Menominee	1	(D)	(X)	1	(D)	-	-	(X)
Midland	4	3,330	(X)	4	15,859	4	4,190	(X)
Missaukee	6	10,236	(X)	6	81,888	3	(D)	(X)
Monroe	3	12,640	(X)	3	101,120	1	(D)	(X)
Montcalm	5	(D)	(X)	5	120,768	5	10,960	(X)
Muskegon	1	(D)	(X)	1	(D)	-	-	(X)
Newaygo	5	9,762	(X)	5	78,096	5	(D)	(X)
Oakland	6	4,547	(X)	6	15,220	1	(D)	(X)
Oceana	-	-	(X)	-	-	5	6,460	(X)
Ontonagon	2	(D)	(X)	2	(D)	-	-	(X)
Osceola	6	14,339	(X)	6	114,712	7	20,840	(X)
Oscoda	-	-	(X)	-	-	2	(D)	(X)
Otsego	3	3,896	(X)	3	31,168	4	2,500	(X)
Ottawa	6	74,750	(X)	6	234,000	8	64,454	(X)
Presque Isle	-	-	(X)	-	-	3	600	(X)
Roscommon	3	3,600	(X)	3	28,800	1	(D)	(X)
Saginaw	1	(D)	(X)	1	(D)	6	(D)	(X)
St. Clair	17	29,014	(X)	17	232,112	1	(D)	(X)
St. Joseph	2	(D)	(X)	2	(D)	1	(D)	(X)
Sanilac	12	20,912	(X)	12	167,296	9	15,720	(X)
Shiawassee	9	12,696	(X)	9	82,960	1	(D)	(X)
Tuscola	5	11,536	(X)	5	57,888	3	(D)	(X)
Van Buren	5	4,068	(X)	5	32,544	4	(D)	(X)
Washtenaw	15	41,162	(X)	15	327,976	7	12,540	(X)
Wayne	18	26,526	(X)	18	203,188	10	7,368	(X)
Wexford	2	(D)	(X)	2	(D)	2	(D)	(X)
OTHER GREENHOUSE VEGETABLES AND FRESH CUT HERBS (SEE TEXT)								
State Total								
Michigan	366	1,307,491	(X)	366	3,810,961	228	761,088	(X)
Counties								
Alcona	2	(D)	(X)	2	(D)	2	(D)	(X)
Alger	9	21,498	(X)	9	96,580	9	14,666	(X)
Allegan	7	28,229	(X)	7	(D)	2	(D)	(X)
Alpena	5	10,670	(X)	5	22,405	2	(D)	(X)
Antrim	6	18,540	(X)	6	26,433	2	(D)	(X)
Barry	3	306	(X)	3	642	3	7,534	(X)
Benzie	5	3,680	(X)	5	(D)	-	-	(X)
Berrien	13	3,783	(X)	13	7,764	5	12,865	(X)
Branch	1	(D)	(X)	1	(D)	1	(D)	(X)
Calhoun	2	(D)	(X)	2	(D)	3	13,227	(X)
Cass	5	8,890	(X)	5	19,469	3	7,000	(X)
Charlevoix	6	1,772	(X)	6	4,800	1	(D)	(X)
Cheboygan	4	5,266	(X)	4	8,401	2	(D)	(X)
Chippewa	1	(D)	(X)	1	(D)	7	10,064	(X)
Clare	-	-	(X)	-	-	2	(D)	(X)
Clinton	5	43,460	(X)	5	69,800	4	28,517	(X)
Delta	6	14,420	(X)	6	(D)	1	(D)	(X)
Dickinson	2	(D)	(X)	2	(D)	-	-	(X)
Eaton	2	(D)	(X)	2	(D)	5	9,300	(X)
Emmet	12	35,440	(X)	12	367,360	3	(D)	(X)
Genesee	9	17,990	(X)	9	37,520	10	14,859	(X)
Gladwin	-	-	(X)	-	-	1	(D)	(X)
Grand Traverse	1	(D)	(X)	1	(D)	2	(D)	(X)
Gratiot	-	-	(X)	-	-	2	(D)	(X)
Hillsdale	5	(D)	(X)	5	(D)	3	(D)	(X)
Houghton	4	7,500	(X)	4	15,750	-	-	(X)
Ingham	4	(D)	(X)	4	(D)	4	(D)	(X)

--continued

Table 34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	2017				2012			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
OTHER GREENHOUSE VEGETABLES AND FRESH CUT HERBS (SEE TEXT) - Con.								
Counties - Con.								
Ionia.....	1	(D)	(X)	1	(D)	3	(D)	(X)
Iosco.....	-	-	(X)	-	-	1	(D)	(X)
Iron.....	-	-	(X)	-	-	1	(D)	(X)
Isabella.....	4	10,954	(X)	4	(D)	1	(D)	(X)
Jackson.....	3	(D)	(X)	3	18,000	-	-	(X)
Kalamazoo.....	13	13,934	(X)	13	21,662	2	(D)	(X)
Kalkaska.....	3	(D)	(X)	3	(D)	1	(D)	(X)
Kent.....	22	120,004	(X)	22	259,929	6	7,260	(X)
Lake.....	-	-	(X)	-	-	5	12,480	(X)
Lapeer.....	6	12,256	(X)	6	25,738	3	(D)	(X)
Leelanau.....	10	49,680	(X)	10	103,328	11	23,228	(X)
Lenawee.....	10	4,000	(X)	10	8,400	3	(D)	(X)
Livingston.....	2	(D)	(X)	2	(D)	10	27,534	(X)
Mackinac.....	4	11,360	(X)	4	27,408	-	-	(X)
Macomb.....	2	(D)	(X)	2	(D)	6	6,106	(X)
Manistee.....	9	9,900	(X)	9	34,490	6	12,468	(X)
Marquette.....	10	23,220	(X)	10	57,956	2	(D)	(X)
Mason.....	2	(D)	(X)	2	(D)	2	(D)	(X)
Mecosta.....	8	(D)	(X)	8	(D)	4	7,200	(X)
Menominee.....	1	(D)	(X)	1	(D)	1	(D)	(X)
Midland.....	5	8,330	(X)	5	(D)	4	4,190	(X)
Missaukee.....	5	7,052	(X)	5	11,532	2	(D)	(X)
Monroe.....	3	16,320	(X)	3	34,272	3	(D)	(X)
Montcalm.....	3	(D)	(X)	3	(D)	2	(D)	(X)
Montmorency.....	3	4,032	(X)	3	4,200	-	-	(X)
Muskegon.....	1	(D)	(X)	1	(D)	-	-	(X)
Newaygo.....	10	10,860	(X)	10	17,952	2	(D)	(X)
Oakland.....	8	6,595	(X)	8	6,556	3	(D)	(X)
Oceana.....	-	-	(X)	-	-	5	9,210	(X)
Ontonagon.....	4	(D)	(X)	4	(D)	1	(D)	(X)
Osceola.....	3	4,359	(X)	3	9,154	6	7,752	(X)
Otsego.....	-	-	(X)	-	-	4	900	(X)
Ottawa.....	4	39,926	(X)	4	118,353	6	25,400	(X)
Roscommon.....	4	11,880	(X)	4	(D)	1	(D)	(X)
Saginaw.....	2	(D)	(X)	2	(D)	3	(D)	(X)
St. Clair.....	13	42,006	(X)	13	81,942	7	(D)	(X)
St. Joseph.....	1	(D)	(X)	1	(D)	-	-	(X)
Sanilac.....	10	11,216	(X)	10	(D)	3	2,100	(X)
Shiawassee.....	9	15,072	(X)	9	21,872	1	(D)	(X)
Tuscola.....	3	3,840	(X)	3	7,120	1	(D)	(X)
Van Buren.....	11	70,954	(X)	11	32,003	2	(D)	(X)
Washtenaw.....	14	104,480	(X)	14	181,798	7	42,661	(X)
Wayne.....	20	225,434	(X)	20	401,890	16	15,954	(X)
Wexford.....	1	(D)	(X)	1	(D)	2	(D)	(X)
GREENHOUSE FRUITS AND BERRIES (SEE TEXT)								
State Total								
Michigan.....	41	296,348	(X)	41	(D)	15	68,981	(X)
Counties								
Alger.....	3	379	(X)	3	2,057	-	-	(X)
Allegan.....	4	1,800	(X)	4	6,120	-	-	(X)
Berrien.....	-	-	(X)	-	-	1	(D)	(X)
Cheboygan.....	1	(D)	(X)	1	(D)	-	-	(X)
Chippewa.....	-	-	(X)	-	-	1	(D)	(X)
Delta.....	-	-	(X)	-	-	1	(D)	(X)
Eaton.....	2	(D)	(X)	2	(D)	-	-	(X)
Emmet.....	1	(D)	(X)	1	(D)	-	-	(X)
Genesee.....	-	-	(X)	-	-	1	(D)	(X)
Gladwin.....	1	(D)	(X)	1	(D)	-	-	(X)
Grand Traverse.....	1	(D)	(X)	1	(D)	-	-	(X)
Hillsdale.....	2	(D)	(X)	2	(D)	-	-	(X)
Ingham.....	1	(D)	(X)	1	(D)	-	-	(X)
Kalamazoo.....	1	(D)	(X)	1	(D)	-	-	(X)
Kent.....	2	(D)	(X)	2	(D)	1	(D)	(X)
Lenawee.....	2	(D)	(X)	2	(D)	1	(D)	(X)
Mackinac.....	2	(D)	(X)	2	(D)	-	-	(X)
Manistee.....	-	-	(X)	-	-	1	(D)	(X)
Marquette.....	1	(D)	(X)	1	(D)	-	-	(X)
Menominee.....	1	(D)	(X)	1	(D)	1	(D)	(X)
Midland.....	-	-	(X)	-	-	2	(D)	(X)
Montcalm.....	-	-	(X)	-	-	1	(D)	(X)
Muskegon.....	2	(D)	(X)	2	(D)	-	-	(X)
Oakland.....	3	90	(X)	3	306	1	(D)	(X)
Osceola.....	1	(D)	(X)	1	(D)	-	-	(X)
Ottawa.....	2	(D)	(X)	2	(D)	-	-	(X)
Roscommon.....	-	-	(X)	-	-	-	-	(X)
Shiawassee.....	4	9,504	(X)	4	300	-	-	(X)
Van Buren.....	4	2,300	(X)	4	7,820	2	(D)	(X)

--continued

Table 34. Floriculture and Bedding Crops, Nursery Crops, Propagative Materials Sold, Sod, Food Crops Grown Under Glass or Other Protection, and Mushroom Crops: 2017 and 2012 (continued)

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	2017					2012		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
MUSHROOMS								
State Total								
Michigan.....	43	115,541	(X)	41	3,333,326	10	10,954	(X)
Counties								
Alcona.....	2	(D)	(X)	2	(D)	-	-	(X)
Antrim.....	3	768	(X)	3	15,771	1	(D)	(X)
Benzie.....	2	(D)	(X)	2	(D)	-	-	(X)
Chippewa.....	-	-	(X)	-	-	1	(D)	(X)
Clinton.....	2	(D)	(X)	2	(D)	-	-	(X)
Grand Traverse.....	2	(D)	(X)	-	-	-	-	(X)
Ionia.....	-	-	(X)	-	-	1	(D)	(X)
Jackson.....	2	(D)	(X)	2	(D)	-	-	(X)
Kalamazoo.....	2	(D)	(X)	2	(D)	-	-	(X)
Kent.....	2	(D)	(X)	2	(D)	-	-	(X)
Leelanau.....	2	(D)	(X)	2	(D)	2	(D)	(X)
Macomb.....	2	(D)	(X)	2	(D)	-	-	(X)
Manistee.....	1	(D)	(X)	1	(D)	-	-	(X)
Marquette.....	2	(D)	(X)	2	(D)	3	3,200	(X)
Mason.....	5	87,720	(X)	5	3,003,300	-	-	(X)
Mecosta.....	-	-	(X)	-	-	1	(D)	(X)
Midland.....	1	(D)	(X)	1	(D)	-	-	(X)
Montcalm.....	1	(D)	(X)	1	(D)	-	-	(X)
Shiawassee.....	4	2,376	(X)	4	120	1	(D)	(X)
Tuscola.....	2	(D)	(X)	2	(D)	-	-	(X)
Washtenaw.....	1	(D)	(X)	1	(D)	-	-	(X)
Wayne.....	4	700	(X)	4	9,089	-	-	(X)
Wexford.....	1	(D)	(X)	1	(D)	-	-	(X)

Table 35. Cultivated Christmas Trees: 2017 and 2012

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

Geographic area	2017					2012				
	Acres in production			Trees cut		Acres in production		Trees cut		
	Farms	Acres	Acres irrigated	Farms	Number	Farms	Acres	Farms	Number	
State Total										
Michigan	1,233	36,986	5,678	774	1,551,185	1,077	37,908	746	1,739,538	
Counties										
Alcona.....	5	84	-	3	(D)	12	166	5	403	
Alger.....	3	25	-	3	366	2	(D)	1	(D)	
Allegan.....	19	996	(D)	16	62,656	38	1,139	22	(D)	
Alpena.....	24	255	-	4	1,000	15	272	11	4,260	
Antrim.....	30	1,409	-	24	33,388	14	310	12	6,370	
Arenac.....	10	54	(D)	8	298	16	223	12	672	
Barry.....	8	158	(D)	6	1,110	7	190	7	595	
Bay.....	9	94	-	5	480	12	96	7	3,916	
Benzie.....	12	(D)	(D)	3	(D)	6	77	3	(D)	
Berrien.....	20	204	66	5	8,763	15	85	11	3,538	
Branch.....	5	30	-	5	543	12	188	7	1,494	
Calhoun.....	21	286	-	8	30,450	13	187	7	1,340	
Cass.....	6	29	-	2	(D)	8	77	7	(D)	
Charlevoix.....	6	57	-	1	(D)	8	20	6	60	
Cheboygan.....	24	794	(D)	19	29,478	15	700	12	14,520	
Chippewa.....	10	128	-	8	3,419	11	207	3	(D)	
Clare.....	12	152	-	11	1,822	16	412	11	2,432	
Clinton.....	13	106	-	10	1,338	24	338	16	5,762	
Crawford.....	-	-	-	-	-	3	43	1	(D)	
Delta.....	21	603	-	9	4,991	17	363	9	669	
Dickinson.....	3	60	-	2	(D)	7	63	4	70	
Eaton.....	22	403	-	19	11,474	18	310	12	3,277	
Emmet.....	6	125	(D)	5	3,450	12	129	10	3,734	
Genesee.....	24	704	30	22	3,597	21	308	14	3,056	
Gladwin.....	10	205	-	8	821	7	258	6	774	
Gogebic.....	2	(D)	-	2	(D)	2	(D)	2	(D)	
Grand Traverse.....	7	85	(D)	6	1,496	12	324	10	10,005	
Gratiot.....	8	66	-	4	46	7	77	4	(D)	
Hillsdale.....	11	89	(D)	6	1,706	18	216	9	2,722	
Houghton.....	6	108	-	2	(D)	7	25	5	124	
Huron.....	9	75	(D)	4	780	6	24	5	354	
Ingham.....	25	799	(D)	22	36,907	25	439	17	12,338	
Ionia.....	14	130	18	10	620	7	114	6	(D)	
Iosco.....	4	40	-	4	1,060	3	17	3	(D)	
Iron.....	10	110	-	4	220	5	60	3	30	
Isabella.....	12	354	-	2	(D)	7	210	5	(D)	
Jackson.....	24	387	27	15	3,084	18	216	14	2,844	
Kalamazoo.....	12	79	(D)	10	2,233	15	140	11	2,276	
Kalkaska.....	31	1,139	204	23	13,851	23	560	13	6,629	
Kent.....	31	390	(D)	20	18,788	11	222	7	7,307	
Lake.....	6	150	-	4	246	8	148	4	(D)	
Lapeer.....	32	702	-	18	6,188	20	252	10	3,190	
Leelanau.....	23	128	(D)	7	(D)	19	141	12	3,951	
Lenawee.....	17	86	(D)	10	1,100	11	61	4	226	
Livingston.....	13	68	(D)	11	1,808	11	96	9	2,249	
Luce.....	2	(D)	-	2	(D)	3	185	3	5,026	
Mackinac.....	3	15	-	3	60	-	-	-	-	
Macomb.....	8	83	-	8	(D)	8	131	3	(D)	
Manistee.....	19	398	(D)	9	9,103	25	1,266	17	33,237	
Marquette.....	8	38	-	2	(D)	3	13	2	(D)	
Mason.....	18	417	(D)	10	15,070	22	614	19	15,456	
Mecosta.....	16	144	-	5	505	5	162	4	(D)	
Menominee.....	20	646	(D)	14	5,050	22	681	18	12,495	
Midland.....	4	(D)	-	1	(D)	6	50	5	128	
Missaukee.....	48	8,414	1,399	39	571,219	61	10,932	45	820,506	
Monroe.....	34	798	-	26	26,506	15	315	15	2,992	
Montcalm.....	23	991	(D)	13	113,007	32	1,539	21	136,559	
Montmorency.....	4	74	-	-	-	3	107	1	(D)	
Muskegon.....	27	191	(D)	13	3,225	15	212	10	1,991	
Newaygo.....	18	274	-	14	3,153	14	404	8	9,022	
Oakland.....	47	772	138	30	20,429	24	250	21	7,110	
Oceana.....	40	1,767	(D)	36	74,858	35	4,441	25	313,293	
Ogemaw.....	1	(D)	-	1	(D)	2	(D)	2	(D)	
Osceola.....	18	865	-	3	(D)	18	832	9	(D)	
Otsego.....	4	110	-	4	1,210	3	43	3	1,038	
Ottawa.....	28	915	146	16	23,277	22	355	17	14,532	
Presque Isle.....	6	53	-	-	-	7	117	5	410	
Roscommon.....	1	(D)	-	1	(D)	2	(D)	1	(D)	
Saginaw.....	18	187	-	8	1,350	19	262	15	2,248	
St. Clair.....	39	647	-	25	47,311	18	379	18	10,622	
St. Joseph.....	4	37	(D)	1	(D)	8	121	5	1,458	
Sanilac.....	21	438	-	7	750	8	194	5	719	
Schoolcraft.....	3	(D)	-	2	(D)	7	32	5	71	
Shiawassee.....	8	109	-	6	649	13	169	8	1,165	
Tuscola.....	13	246	-	7	2,372	13	259	6	1,074	
Van Buren.....	33	963	(D)	16	(D)	26	830	13	(D)	
Washtenaw.....	36	584	(D)	31	14,929	21	652	16	8,690	
Wayne.....	2	(D)	-	2	(D)	2	(D)	2	(D)	
Wexford.....	39	3,734	2,250	29	173,189	31	2,701	30	86,620	

Table 36. Short Rotation Woody Crops: 2017 and 2012

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

Geographic area	2017					2012				
	Acres in production			Acres harvested		Acres in production			Acres harvested	
	Farms	Acres	Acres irrigated	Farms	Acres	Farms	Acres	Acres irrigated	Farms	Acres
State Total										
Michigan.....	2	(D)	(D)	-	-	232	4,398	123	101	629
Counties										
Alcona.....	-	-	-	-	-	2	(D)	-	1	(D)
Alger.....	-	-	-	-	-	2	(D)	-	-	-
Allegan.....	-	-	-	-	-	3	51	-	2	(D)
Alpena.....	-	-	-	-	-	3	110	-	3	9
Antrim.....	-	-	-	-	-	2	(D)	-	-	-
Benzie.....	-	-	-	-	-	2	(D)	-	-	-
Berrien.....	2	(D)	(D)	-	-	-	-	-	-	-
Calhoun.....	-	-	-	-	-	6	133	-	5	67
Cass.....	-	-	-	-	-	1	(D)	-	-	-
Charlevoix.....	-	-	-	-	-	2	(D)	(D)	1	(D)
Cheboygan.....	-	-	-	-	-	10	109	(D)	6	11
Chippewa.....	-	-	-	-	-	2	(D)	-	-	-
Clare.....	-	-	-	-	-	2	(D)	-	2	(D)
Clinton.....	-	-	-	-	-	5	20	-	-	-
Delta.....	-	-	-	-	-	2	(D)	-	-	-
Dickinson.....	-	-	-	-	-	2	(D)	(D)	-	-
Eaton.....	-	-	-	-	-	7	22	-	3	6
Emmet.....	-	-	-	-	-	1	(D)	-	1	(D)
Genesee.....	-	-	-	-	-	1	(D)	-	1	(D)
Gladwin.....	-	-	-	-	-	3	100	-	1	(D)
Gogebic.....	-	-	-	-	-	3	6	-	-	-
Grand Traverse.....	-	-	-	-	-	1	(D)	(D)	1	(D)
Hillsdale.....	-	-	-	-	-	2	(D)	-	-	-
Ingham.....	-	-	-	-	-	6	(D)	3	4	(D)
Ionia.....	-	-	-	-	-	5	88	(D)	4	30
Isabella.....	-	-	-	-	-	2	(D)	(D)	2	(D)
Jackson.....	-	-	-	-	-	6	117	(D)	2	(D)
Kalamazoo.....	-	-	-	-	-	3	121	-	2	(D)
Kalkaska.....	-	-	-	-	-	4	116	-	3	33
Kent.....	-	-	-	-	-	1	(D)	-	-	-
Lake.....	-	-	-	-	-	5	121	(D)	2	(D)
Lapeer.....	-	-	-	-	-	9	58	(D)	8	8
Leelanau.....	-	-	-	-	-	1	(D)	-	1	(D)
Lenawee.....	-	-	-	-	-	1	(D)	-	1	(D)
Livingston.....	-	-	-	-	-	2	(D)	(D)	2	(D)
Macomb.....	-	-	-	-	-	3	(D)	-	3	(D)
Manistee.....	-	-	-	-	-	6	261	-	3	12
Marquette.....	-	-	-	-	-	2	(D)	-	-	-
Mason.....	-	-	-	-	-	1	(D)	-	-	-
Mecosta.....	-	-	-	-	-	5	180	-	-	-
Menominee.....	-	-	-	-	-	1	(D)	-	1	(D)
Midland.....	-	-	-	-	-	4	50	-	-	-
Missaukee.....	-	-	-	-	-	9	168	(D)	4	6
Monroe.....	-	-	-	-	-	4	26	-	4	12
Montcalm.....	-	-	-	-	-	8	61	-	-	-
Muskegon.....	-	-	-	-	-	6	103	-	3	5
Newaygo.....	-	-	-	-	-	6	260	-	-	-
Oakland.....	-	-	-	-	-	7	34	(D)	5	23
Oceana.....	-	-	-	-	-	4	22	-	-	-
Osceola.....	-	-	-	-	-	5	89	(D)	1	(D)
Ottawa.....	-	-	-	-	-	7	281	-	7	39
Presque Isle.....	-	-	-	-	-	4	70	-	-	-
Saginaw.....	-	-	-	-	-	8	21	(D)	2	(D)
St. Clair.....	-	-	-	-	-	2	(D)	(D)	-	-
St. Joseph.....	-	-	-	-	-	1	(D)	(D)	1	(D)
Sanilac.....	-	-	-	-	-	2	(D)	-	-	-
Shiawassee.....	-	-	-	-	-	2	(D)	-	-	-
Tuscola.....	-	-	-	-	-	4	42	(D)	2	(D)
Van Buren.....	-	-	-	-	-	6	60	(D)	1	(D)
Washtenaw.....	-	-	-	-	-	8	102	21	6	38
Wayne.....	-	-	-	-	-	1	(D)	-	-	-
Wexford.....	-	-	-	-	-	7	80	-	-	-

Table 37. Maple Syrup: 2017 and 2012

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

Geographic area	2017			2012		
	Farms	Number of taps	Syrup produced (gallons)	Farms	Number of taps	Syrup produced (gallons)
State Total						
Michigan	875	664,289	175,519	648	433,516	69,017
Counties						
Alcona.....	8	3,525	518	5	2,050	319
Alger.....	7	18,410	3,678	5	(D)	737
Allegan.....	13	5,136	906	19	5,773	896
Alpena.....	9	2,520	658	3	(D)	(D)
Antrim.....	16	10,848	1,757	8	8,845	1,059
Arenac.....	5	84	15	2	(D)	(D)
Baraga.....	2	(D)	(D)	2	(D)	(D)
Barry.....	16	8,848	2,238	13	8,148	1,765
Bay.....	1	(D)	(D)	1	(D)	(D)
Benzie.....	12	1,020	93	10	3,160	510
Berrien.....	10	1,475	166	6	1,386	422
Branch.....	1	(D)	(D)	-	-	-
Calhoun.....	13	2,839	261	10	3,818	529
Cass.....	9	1,450	363	6	3,549	663
Charlevoix.....	20	39,305	13,452	14	19,485	2,735
Cheboygan.....	22	44,069	16,072	9	(D)	(D)
Chippewa.....	11	38,872	10,150	14	40,405	5,122
Clare.....	14	16,255	4,055	15	10,289	1,958
Clinton.....	8	3,972	837	8	3,563	659
Delta.....	16	5,396	447	9	(D)	(D)
Dickinson.....	5	355	39	4	232	12
Eaton.....	28	25,730	4,748	26	17,940	3,965
Emmet.....	11	5,610	1,458	6	732	105
Genesee.....	12	2,604	453	11	2,240	248
Gladwin.....	5	1,163	302	4	250	65
Gogebic.....	-	-	-	6	420	48
Grand Traverse.....	24	28,438	8,659	20	24,110	3,201
Gratiot.....	8	1,006	290	8	2,370	459
Hillsdale.....	5	8,111	1,278	15	3,550	826
Houghton.....	10	17,291	4,142	6	3,465	214
Huron.....	2	(D)	(D)	-	-	-
Ingham.....	12	3,411	515	12	8,928	2,242
Ionia.....	12	5,695	1,118	13	7,840	1,388
Iosco.....	4	4,800	2,200	2	(D)	(D)
Iron.....	6	6,545	1,243	6	405	54
Isabella.....	23	4,422	1,036	16	8,728	1,672
Jackson.....	11	745	267	2	(D)	(D)
Kalamazoo.....	20	3,177	266	6	790	190
Kalkaska.....	14	10,126	1,919	7	3,125	384
Kent.....	14	5,820	1,353	13	13,484	2,603
Lake.....	2	(D)	(D)	2	(D)	(D)
Lapeer.....	21	6,452	684	15	11,161	1,872
Leelanau.....	17	9,491	2,255	8	8,520	513
Lenawee.....	9	649	155	3	262	35
Livingston.....	5	783	232	3	275	42
Luce.....	7	587	245	1	(D)	(D)
Mackinac.....	5	43,800	14,826	9	39,400	5,281
Manistee.....	15	1,075	232	13	3,969	895
Marquette.....	7	1,590	344	5	3,310	415
Mason.....	14	2,793	1,071	4	(D)	(D)
Mecosta.....	31	27,732	4,239	21	11,845	1,751
Menominee.....	15	64,645	11,553	11	4,633	423
Midland.....	6	1,665	300	4	1,275	131
Missaukee.....	6	352	62	8	1,847	259
Monroe.....	4	154	16	2	(D)	(D)
Montcalm.....	21	4,696	1,174	14	8,030	910
Montmorency.....	5	455	55	2	(D)	(D)
Muskegon.....	10	860	245	3	(D)	21
Newaygo.....	18	2,769	641	12	3,577	653
Oakland.....	5	600	215	9	1,170	193
Oceana.....	7	5,025	1,358	9	5,474	1,350
Ogemaw.....	4	10,000	3,322	7	4,454	755
Ontonagon.....	2	(D)	(D)	-	-	-
Osceola.....	19	3,226	1,280	12	5,735	704
Oscoda.....	20	28,838	12,931	12	14,157	1,942
Otsego.....	3	(D)	(D)	5	2,430	342
Ottawa.....	11	1,460	275	7	1,031	231
Presque Isle.....	14	26,548	10,464	1	(D)	(D)
Roscommon.....	2	(D)	(D)	4	500	106
Saginaw.....	10	560	104	5	1,980	306
St. Clair.....	11	712	112	2	(D)	(D)
St. Joseph.....	7	(D)	(D)	7	787	135
Sanilac.....	22	5,337	973	15	4,155	806
Schoolcraft.....	3	(D)	(D)	4	904	67
Shiawassee.....	3	2,650	424	7	1,146	234
Tuscola.....	17	7,561	1,564	9	2,680	582
Van Buren.....	13	1,107	148	13	1,540	292
Washtenaw.....	26	3,756	702	18	1,694	404
Wayne.....	6	75	15	3	30	6
Wexford.....	14	6,354	1,166	17	5,091	494

Table 38. Commodities Raised and Delivered Under Production Contracts: 2017

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

Geographic area	Farms	Number	Geographic area	Farms	Number
BROILERS AND OTHER MEAT-TYPE CHICKENS			HOGS AND PIGS - Con.		
State Total			Counties - Con.		
Michigan.....	22	8,592,600	Kalamazoo	6	27,880
Counties			Kent.....	2	(D)
Allegan	3	(D)	Lenawee.....	3	24,000
Branch.....	1	(D)	Mason	4	27,585
Ottawa.....	1	(D)	Mecosta.....	3	(D)
St. Joseph	17	5,556,600	Midland.....	2	(D)
EGGS, CHICKEN (DOZENS)			Montcalm.....	5	29,553
State Total			Muskegon.....	6	18,000
Michigan.....	2	(D)	Newaygo.....	2	(D)
Counties			Oceana.....	2	(D)
Cass.....	1	(D)	Ottawa.....	10	61,132
Ingham.....	1	(D)	Saginaw	4	21,600
LAYERS (see text)			St. Joseph	14	78,848
State Total			Sanilac.....	2	(D)
Michigan.....	2	(D)	Tuscola.....	7	73,500
Counties			Van Buren	1	(D)
Cass.....	1	(D)	REPLACEMENT DAIRY HEIFERS		
Ingham.....	1	(D)	State Total		
PULLETS FOR LAYING FLOCK REPLACEMENT			Michigan.....	136	46,266
State Total			Counties		
Michigan.....	4	3,856,853	Allegan	12	5,420
Counties			Barry.....	2	(D)
Cass.....	1	(D)	Berrien.....	1	(D)
Ingham.....	1	(D)	Branch.....	4	1,599
TURKEYS			Clinton.....	5	1,920
State Total			Delta.....	1	(D)
Michigan.....	1	(D)	Grand Traverse.....	1	(D)
Counties			Gratiot.....	4	1,435
Allegan	1	(D)	Hillsdale.....	10	3,970
Gratiot.....	2	(D)	Huron.....	1	(D)
Tuscola.....	1	(D)	Ionia.....	21	7,804
OTHER CATTLE, SHEEP, LIVESTOCK, OR POULTRY (SEE TEXT)			Isabella.....	3	(D)
State Total			Lenawee.....	9	5,624
Michigan.....	1	(D)	Mecosta.....	13	197
Counties			Missaukee.....	17	9,284
Barry.....	1	(D)	Montcalm.....	1	(D)
CUSTOM FED CATTLE SHIPPED DIRECTLY FOR SLAUGHTER (SEE TEXT)			Montmorency.....	1	(D)
State Total			Newaygo.....	3	720
Michigan.....	12	2,015	Ottawa.....	1	(D)
Counties			Presque Isle.....	6	540
Huron.....	7	965	St. Joseph	1	(D)
Manistee.....	5	1,050	Sanilac.....	19	2,304
HOGS AND PIGS			OTHER CATTLE, SHEEP, LIVESTOCK, OR POULTRY (SEE TEXT)		
State Total			State Total		
Michigan.....	161	1,549,921	Michigan.....	30	(X)
Counties			Counties		
Allegan	9	110,850	Chippewa.....	2	(X)
Berrien.....	3	69,323	Clare.....	2	(X)
Branch.....	26	145,500	Hillsdale.....	2	(X)
Calhoun.....	3	18,000	Huron.....	7	(X)
Cass.....	6	37,100	Lenawee.....	6	(X)
Grand Traverse.....	1	(D)	Mackinac.....	2	(X)
Gratiot.....	9	186,174	Mecosta.....	1	(X)
Hillsdale.....	10	64,700	Sanilac.....	8	(X)
Huron.....	8	24,800	GRAINS, OILSEEDS, VEGETABLES, MELONS, POTATOES, AND OTHER CROPS (SEE TEXT)		
Ionia.....	9	183,604	State Total		
Isabella.....	2	(D)	Michigan.....	28	(X)
Jackson.....	2	(D)	Counties		
			Cass.....	2	(X)
			Kalamazoo.....	5	(X)
			Muskegon.....	1	(X)
			Saginaw.....	4	(X)
			St. Joseph.....	13	(X)
			Tuscola.....	2	(X)
			Van Buren.....	1	(X)

Table 39. Machinery and Equipment on Operation: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment farms, 2017	47,637	223	126	1,172	415	333
..... 2012	52,192	235	93	1,396	458	415
..... \$1,000, 2017	7,371,356	23,673	8,748	261,494	39,600	35,961
..... 2012	6,395,233	18,430	5,029	212,284	37,753	32,346
Average per farm dollars, 2017	154,740	106,156	69,429	223,117	95,421	107,992
..... 2012	122,533	78,424	54,071	152,066	82,430	77,942
Farms by value group:						
\$1 to \$9,999 2017	6,738	41	10	213	56	54
..... 2012	8,718	41	10	256	63	94
\$10,000 to \$19,999 2017	6,473	27	39	138	84	48
..... 2012	7,817	49	18	223	83	57
\$20,000 to \$29,999 2017	5,561	28	11	132	38	35
..... 2012	6,463	36	14	146	49	42
\$30,000 to \$49,999 2017	6,885	38	22	140	78	47
..... 2012	7,334	28	21	188	64	73
\$50,000 to \$69,999 2017	4,722	21	12	116	39	38
..... 2012	5,021	14	10	107	60	44
\$70,000 to \$99,999 2017	3,611	15	4	80	32	34
..... 2012	3,618	18	7	96	38	17
\$100,000 to \$199,999 2017	5,550	22	9	125	40	37
..... 2012	5,709	29	8	131	60	47
\$200,000 to \$499,999 2017	4,513	22	19	104	31	21
..... 2012	4,634	14	5	163	25	34
\$500,000 or more 2017	3,584	9	-	124	17	19
..... 2012	2,878	6	-	86	16	7
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups farms, 2017	36,665	174	100	933	310	251
..... 2012	38,270	175	74	1,099	334	283
..... number, 2017	75,227	270	135	2,325	475	515
..... 2012	75,709	277	97	2,264	520	535
Tractors farms, 2017	39,667	199	109	1,006	353	270
..... 2012	42,957	182	79	1,200	390	313
..... number, 2017	119,056	553	228	3,270	883	761
..... 2012	127,829	474	213	3,602	1,009	875
Less than 40 horsepower (PTO) farms, 2017	21,371	110	62	532	198	155
..... 2012	23,786	102	52	665	190	199
..... number, 2017	32,779	212	76	841	308	235
..... 2012	37,852	146	77	1,133	294	289
40 to 99 horsepower (PTO) farms, 2017	27,616	137	72	687	241	196
..... 2012	30,686	134	56	812	296	223
..... number, 2017	50,072	224	120	1,382	383	394
..... 2012	55,712	238	106	1,491	486	472
100 horsepower (PTO) or more farms, 2017	15,281	61	16	403	95	70
..... 2012	15,465	46	13	414	115	65
..... number, 2017	36,205	117	32	1,047	192	132
..... 2012	34,265	90	30	978	229	114
Grain and bean combines, self-propelled farms, 2017	10,496	37	6	242	43	25
..... 2012	11,227	38	13	231	80	28
..... number, 2017	12,046	45	6	264	55	27
..... 2012	12,820	44	14	267	88	31
Cotton pickers and strippers, self-propelled farms, 2017	-	-	-	-	-	-
..... 2012	1	-	-	-	-	-
..... number, 2017	-	-	-	-	-	-
..... 2012	(D)	-	-	-	-	-
Forage harvesters, self-propelled farms, 2017	1,818	20	5	63	15	12
..... 2012	2,036	12	1	52	27	19
..... number, 2017	1,989	24	5	69	15	12
..... 2012	2,230	13	(D)	59	31	22
Hay balers farms, 2017	15,006	122	53	419	178	79
..... 2012	17,204	110	46	497	244	103
..... number, 2017	19,507	168	69	526	238	106
..... 2012	22,645	147	67	614	343	137
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups farms	8,778	44	9	206	75	60
..... number	11,008	46	10	311	81	76
Tractors farms	6,919	31	14	167	54	79
..... number	10,728	49	14	299	65	138
Less than 40 horsepower (PTO) farms	2,361	10	6	47	12	30
..... number	2,633	10	6	58	12	34
40 to 99 horsepower (PTO) farms	3,115	14	5	75	37	52
..... number	3,860	17	5	121	39	77
100 horsepower (PTO) or more farms	2,486	16	3	70	9	23
..... number	4,235	22	3	120	14	27
Grain and bean combines farms	919	2	-	32	3	-
..... number	1,053	(D)	-	42	3	-
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	247	6	-	16	2	4
..... number	259	6	-	16	(D)	4
Hay balers farms	1,167	25	5	29	6	6
..... number	1,277	26	6	31	8	8
Manufactured prior to 2013:						
Trucks, including pickups farms	32,641	156	95	871	264	208
..... number	64,219	224	125	2,014	394	439

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment .....farms, 2017	350	65	938	726	197	872
.....2012	421	57	1,031	766	181	1,063
.....\$1,000, 2017	65,429	5,786	112,398	176,070	13,016	123,969
.....2012	48,054	4,085	92,732	152,416	11,797	131,720
Average per farm .....dollars, 2017	186,941	89,014	119,827	242,520	66,072	142,166
.....2012	114,143	71,659	89,944	198,977	65,179	123,914
Farms by value group:						
\$1 to \$9,999 .....2017	62	12	143	84	56	154
.....2012	85	12	191	106	32	205
\$10,000 to \$19,999 .....2017	51	6	155	73	33	103
.....2012	92	8	181	91	27	151
\$20,000 to \$29,999 .....2017	41	4	133	88	24	92
.....2012	64	5	151	91	33	101
\$30,000 to \$49,999 .....2017	56	16	142	75	35	131
.....2012	42	12	160	89	27	126
\$50,000 to \$69,999 .....2017	23	8	91	62	8	75
.....2012	30	2	100	69	13	120
\$70,000 to \$99,999 .....2017	16	2	67	53	11	70
.....2012	21	7	61	53	18	73
\$100,000 to \$199,999 .....2017	23	11	89	70	10	113
.....2012	34	6	73	61	12	119
\$200,000 to \$499,999 .....2017	44	3	76	113	15	72
.....2012	26	4	75	117	18	107
\$500,000 or more .....2017	34	3	42	108	5	62
.....2012	27	1	39	89	1	61
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups .....farms, 2017	229	57	708	578	122	681
.....2012	269	47	702	594	146	835
.....number, 2017	537	89	1,346	1,578	204	1,672
.....2012	531	76	1,215	1,622	235	1,797
Tractors .....farms, 2017	284	54	746	594	153	761
.....2012	305	45	834	656	151	926
.....number, 2017	923	123	2,000	2,138	312	2,757
.....2012	900	116	2,041	2,216	404	3,245
Less than 40 horsepower (PTO) .....farms, 2017	147	30	385	309	90	456
.....2012	169	29	408	343	87	592
.....number, 2017	208	38	544	538	99	961
.....2012	282	38	608	575	138	1,164
40 to 99 horsepower (PTO) .....farms, 2017	204	45	533	373	88	567
.....2012	213	39	583	461	109	679
.....number, 2017	368	73	905	638	179	1,256
.....2012	328	63	940	735	221	1,501
100 horsepower (PTO) or more .....farms, 2017	140	9	231	355	19	271
.....2012	116	11	236	358	32	271
.....number, 2017	347	12	551	962	34	540
.....2012	290	15	493	906	45	580
Grain and bean combines, self-propelled .....farms, 2017	107	18	165	325	13	194
.....2012	81	17	139	311	15	207
.....number, 2017	128	20	179	377	13	242
.....2012	91	17	145	378	17	247
Cotton pickers and strippers, self-propelled .....farms, 2017	-	-	-	-	-	-
.....2012	-	-	1	-	-	-
.....number, 2017	-	-	-	-	-	-
.....2012	-	-	(D)	-	-	-
Forage harvesters, self-propelled .....farms, 2017	14	10	42	14	1	11
.....2012	14	5	35	16	6	16
.....number, 2017	15	12	42	14	(D)	13
.....2012	14	5	44	16	6	18
Hay balers .....farms, 2017	79	36	318	109	32	165
.....2012	106	29	357	142	48	193
.....number, 2017	104	58	429	136	32	221
.....2012	127	40	484	178	59	252
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups .....farms	67	7	166	171	32	160
.....number	81	8	202	209	45	198
Tractors .....farms	40	7	102	97	32	136
.....number	63	9	157	173	40	261
Less than 40 horsepower (PTO) .....farms	7	2	21	26	18	43
.....number	8	(D)	21	31	(D)	60
40 to 99 horsepower (PTO) .....farms	16	5	56	29	16	89
.....number	18	(D)	68	32	20	135
100 horsepower (PTO) or more .....farms	24	-	33	69	2	40
.....number	37	-	68	110	(D)	66
Grain and bean combines .....farms	6	-	14	39	-	10
.....number	6	-	16	42	-	12
Cotton pickers and strippers .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	3	-	21	1	-	-
.....number	3	-	21	(D)	-	-
Hay balers .....farms	7	6	29	9	2	10
.....number	8	6	31	10	(D)	10
Manufactured prior to 2013:						
Trucks, including pickups .....farms	210	55	636	527	100	622
.....number	456	81	1,144	1,369	159	1,474

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment farms, 2017	789	956	747	271	330	427
..... farms, 2012	1,054	1,023	798	297	313	409
..... farms, 2017	\$1,000, 163,922	133,127	142,710	16,119	24,020	32,236
..... farms, 2012	139,432	120,246	117,513	15,711	16,096	24,643
Average per farm dollars, 2017	207,759	139,254	191,044	59,479	72,788	75,495
..... dollars, 2012	132,288	117,542	147,259	52,899	51,425	60,252
Farms by value group:						
\$1 to \$9,999 farms, 2017	108	114	119	39	35	44
..... farms, 2012	190	140	165	66	53	53
\$10,000 to \$19,999 farms, 2017	77	160	100	59	49	34
..... farms, 2012	161	166	103	55	75	63
\$20,000 to \$29,999 farms, 2017	84	87	107	31	39	65
..... farms, 2012	114	118	64	56	53	60
\$30,000 to \$49,999 farms, 2017	140	148	92	40	73	95
..... farms, 2012	132	178	89	45	39	67
\$50,000 to \$69,999 farms, 2017	66	96	78	32	40	51
..... farms, 2012	103	118	63	18	36	49
\$70,000 to \$99,999 farms, 2017	57	65	37	21	22	51
..... farms, 2012	71	51	65	20	10	44
\$100,000 to \$199,999 farms, 2017	81	123	80	37	38	45
..... farms, 2012	118	105	114	15	29	50
\$200,000 to \$499,999 farms, 2017	93	94	64	10	29	37
..... farms, 2012	107	93	80	20	15	20
\$500,000 or more farms, 2017	83	69	70	2	5	5
..... farms, 2012	58	54	55	2	3	3
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups farms, 2017	616	692	571	193	263	325
..... farms, 2012	684	755	622	220	211	272
..... number, 2017	1,270	1,302	1,174	274	394	481
..... number, 2012	1,260	1,432	1,189	300	323	448
Tractors farms, 2017	627	774	621	233	301	358
..... farms, 2012	798	832	658	245	241	352
..... number, 2017	2,055	2,270	1,928	475	661	891
..... number, 2012	2,304	2,577	1,866	560	545	940
Less than 40 horsepower (PTO) farms, 2017	308	426	307	122	191	189
..... farms, 2012	422	455	356	139	145	205
..... number, 2017	487	608	549	159	261	253
..... number, 2012	627	765	547	205	212	285
40 to 99 horsepower (PTO) farms, 2017	433	498	417	155	190	287
..... farms, 2012	534	587	463	153	169	276
..... number, 2017	773	877	748	261	315	515
..... number, 2012	900	1,093	773	284	284	560
100 horsepower (PTO) or more farms, 2017	294	348	278	35	53	74
..... farms, 2012	346	325	253	39	30	60
..... number, 2017	795	785	631	55	85	123
..... number, 2012	777	719	546	71	49	95
Grain and bean combines, self-propelled farms, 2017	262	256	169	26	22	57
..... farms, 2012	276	282	191	26	20	65
..... number, 2017	314	305	203	28	24	61
..... number, 2012	313	319	231	28	21	70
Cotton pickers and strippers, self-propelled farms, 2017	-	-	-	-	-	-
..... farms, 2012	-	-	-	-	-	-
..... number, 2017	-	-	-	-	-	-
..... number, 2012	-	-	-	-	-	-
Forage harvesters, self-propelled farms, 2017	22	44	26	10	11	26
..... farms, 2012	19	27	14	7	9	20
..... number, 2017	22	46	26	11	13	27
..... number, 2012	19	28	14	7	10	27
Hay balers farms, 2017	264	298	193	75	121	206
..... farms, 2012	288	325	266	102	126	212
..... number, 2017	321	400	254	104	164	283
..... number, 2012	373	429	346	147	166	309
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups farms	157	148	162	53	54	71
..... number	193	167	228	56	63	73
Tractors farms	122	152	115	50	61	53
..... number	192	204	233	60	72	71
Less than 40 horsepower (PTO) farms	42	52	31	22	33	26
..... number	42	55	39	22	33	29
40 to 99 horsepower (PTO) farms	39	65	47	22	28	26
..... number	47	73	75	26	29	29
100 horsepower (PTO) or more farms	54	50	67	12	9	10
..... number	103	76	119	12	10	13
Grain and bean combines farms	27	12	13	-	-	1
..... number	35	34	24	-	-	(D)
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	2	8	1	1	2	1
..... number	(D)	8	(D)	(D)	(D)	(D)
Hay balers farms	20	18	20	6	10	26
..... number	24	18	24	6	10	28
Manufactured prior to 2013:						
Trucks, including pickups farms	552	631	509	165	230	278
..... number	1,077	1,135	946	218	331	408

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment .....farms, 2017	396	1,017	45	253	158	962
.....farms, 2012	460	1,128	49	283	162	1,163
.....\$1,000, 2017	30,150	197,634	1,637	22,642	13,307	127,313
.....dollars, 2012	25,108	150,144	2,686	23,548	12,547	139,007
Average per farm .....dollars, 2017	76,135	194,330	36,385	89,494	84,219	132,342
.....dollars, 2012	54,582	133,106	54,816	83,208	77,451	119,524
Farms by value group:						
\$1 to \$9,999 .....2017	46	107	7	40	20	102
.....2012	106	187	6	43	31	165
\$10,000 to \$19,999 .....2017	66	120	4	58	18	96
.....2012	66	159	6	53	37	123
\$20,000 to \$29,999 .....2017	52	108	17	31	30	143
.....2012	67	122	10	38	15	178
\$30,000 to \$49,999 .....2017	90	200	9	31	25	159
.....2012	63	134	9	29	16	174
\$50,000 to \$69,999 .....2017	41	114	2	26	25	101
.....2012	69	106	6	32	13	121
\$70,000 to \$99,999 .....2017	32	59	3	9	9	64
.....2012	30	67	3	22	12	88
\$100,000 to \$199,999 .....2017	41	131	3	30	20	130
.....2012	40	146	6	30	18	134
\$200,000 to \$499,999 .....2017	23	100	-	18	5	95
.....2012	14	136	3	31	16	113
\$500,000 or more .....2017	5	78	-	10	6	72
.....2012	5	71	-	5	4	67
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups .....farms, 2017	237	796	38	194	120	720
.....number, 2017	315	840	42	205	123	839
.....farms, 2012	369	1,468	50	362	219	1,388
.....number, 2012	457	1,656	55	372	228	1,500
Tractors .....farms, 2017	274	853	30	221	131	800
.....number, 2017	350	963	40	226	134	992
.....farms, 2012	647	2,495	52	713	356	2,337
.....number, 2012	791	2,999	61	674	356	2,742
Less than 40 horsepower (PTO) .....farms, 2017	162	426	26	123	86	348
.....number, 2017	190	514	21	143	61	508
.....farms, 2012	205	655	35	260	135	489
.....number, 2012	270	848	(D)	234	93	750
40 to 99 horsepower (PTO) .....farms, 2017	169	576	8	185	92	571
.....number, 2017	239	687	26	169	111	672
.....farms, 2012	304	953	10	327	168	966
.....number, 2012	368	1,190	33	299	192	1,122
100 horsepower (PTO) or more .....farms, 2017	68	382	7	55	31	390
.....number, 2017	81	428	1	70	41	424
.....farms, 2012	138	887	7	126	53	882
.....number, 2012	153	961	(D)	141	71	870
Grain and bean combines, self-propelled .....farms, 2017	34	233	1	33	17	248
.....number, 2017	35	305	4	53	18	286
.....farms, 2012	43	282	(D)	38	17	283
.....number, 2012	37	335	4	58	18	315
Cotton pickers and strippers, self-propelled .....farms, 2017	-	-	-	-	-	-
.....number, 2017	-	-	-	-	-	-
.....farms, 2012	-	-	-	-	-	-
.....number, 2012	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms, 2017	19	29	1	11	4	40
.....number, 2017	24	48	-	14	10	35
.....farms, 2012	23	30	(D)	11	4	40
.....number, 2012	26	49	-	14	10	37
Hay balers .....farms, 2017	184	299	7	124	48	280
.....number, 2017	200	339	13	136	79	369
.....farms, 2012	229	359	9	165	77	375
.....number, 2012	254	418	13	200	117	499
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups .....farms	44	200	8	40	23	179
.....number	51	231	8	51	23	197
Tractors .....farms	46	136	11	27	13	125
.....number	55	242	11	30	13	160
Less than 40 horsepower (PTO) .....farms	21	37	11	6	6	42
.....number	21	42	11	6	6	43
40 to 99 horsepower (PTO) .....farms	21	57	-	16	5	49
.....number	21	73	-	16	(D)	53
100 horsepower (PTO) or more .....farms	10	65	-	5	2	45
.....number	13	127	-	8	(D)	64
Grain and bean combines .....farms	2	20	-	-	-	22
.....number	(D)	23	-	-	-	23
Cotton pickers and strippers .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	3	13	-	-	1	7
.....number	3	14	-	-	(D)	7
Hay balers .....farms	10	16	-	14	-	26
.....number	13	20	-	14	-	28
Manufactured prior to 2013:						
Trucks, including pickups .....farms	210	691	32	166	103	630
.....number	318	1,237	42	311	196	1,191

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment farms, 2017	324	820	459	54	497	812
..... farms, 2012	287	835	533	62	504	878
..... \$1,000, 2017	20,558	85,205	34,399	2,230	42,675	227,449
..... \$1,000, 2012	15,895	90,167	32,691	2,122	39,954	184,111
Average per farm dollars, 2017	63,450	103,908	74,943	41,304	85,866	280,110
..... dollars, 2012	55,383	107,985	61,334	34,233	79,275	209,694
Farms by value group:						
\$1 to \$9,999 farms, 2017	58	89	83	7	83	101
..... farms, 2012	62	118	109	12	73	143
\$10,000 to \$19,999 farms, 2017	50	83	55	6	78	87
..... farms, 2012	51	125	72	10	87	118
\$20,000 to \$29,999 farms, 2017	42	146	51	5	52	109
..... farms, 2012	26	107	62	12	60	108
\$30,000 to \$49,999 farms, 2017	50	136	81	21	69	99
..... farms, 2012	68	128	85	12	82	108
\$50,000 to \$69,999 farms, 2017	40	106	66	6	42	46
..... farms, 2012	20	93	86	8	48	63
\$70,000 to \$99,999 farms, 2017	17	76	40	5	50	62
..... farms, 2012	24	57	47	5	32	41
\$100,000 to \$199,999 farms, 2017	46	79	43	3	59	69
..... farms, 2012	16	113	44	2	71	100
\$200,000 to \$499,999 farms, 2017	17	71	36	1	57	118
..... farms, 2012	17	58	22	1	40	99
\$500,000 or more farms, 2017	4	34	4	-	7	121
..... farms, 2012	3	36	6	-	11	98
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups farms, 2017	229	656	315	40	361	636
..... farms, 2012	204	641	360	45	359	664
..... number, 2017	383	1,177	516	61	616	1,671
..... number, 2012	324	1,207	524	66	596	1,775
Tractors farms, 2017	272	704	372	51	406	634
..... farms, 2012	236	712	404	52	412	689
..... number, 2017	593	1,811	941	107	1,086	2,180
..... number, 2012	579	2,018	1,026	115	1,212	2,279
Less than 40 horsepower (PTO) farms, 2017	169	419	179	36	249	281
..... farms, 2012	129	423	195	39	233	341
..... number, 2017	241	570	254	57	332	465
..... number, 2012	202	655	282	68	373	519
40 to 99 horsepower (PTO) farms, 2017	175	469	278	30	263	418
..... farms, 2012	187	506	310	32	310	460
..... number, 2017	285	786	491	(D)	583	745
..... number, 2012	335	842	553	43	703	797
100 horsepower (PTO) or more farms, 2017	43	207	119	2	92	362
..... farms, 2012	31	235	126	4	66	367
..... number, 2017	67	455	196	(D)	171	970
..... number, 2012	42	521	191	4	136	963
Grain and bean combines, self-propelled farms, 2017	42	144	57	-	44	311
..... farms, 2012	28	195	75	6	47	326
..... number, 2017	42	176	66	-	47	352
..... number, 2012	28	227	78	6	52	369
Cotton pickers and strippers, self-propelled farms, 2017	-	-	-	-	-	-
..... farms, 2012	-	-	-	-	-	-
..... number, 2017	-	-	-	-	-	-
..... number, 2012	-	-	-	-	-	-
Forage harvesters, self-propelled farms, 2017	11	15	12	1	6	40
..... farms, 2012	10	19	19	4	12	46
..... number, 2017	11	15	12	(D)	6	45
..... number, 2012	11	25	19	4	13	54
Hay balers farms, 2017	121	233	218	33	140	165
..... farms, 2012	128	272	257	26	124	200
..... number, 2017	154	302	266	39	185	201
..... number, 2012	178	357	353	35	176	250
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups farms	52	142	48	11	70	161
..... number	58	168	55	11	88	210
Tractors farms	49	101	78	4	89	113
..... number	50	142	101	(D)	127	222
Less than 40 horsepower (PTO) farms	27	41	26	1	37	18
..... number	27	48	27	(D)	37	25
40 to 99 horsepower (PTO) farms	20	56	43	3	49	32
..... number	20	62	57	(D)	65	36
100 horsepower (PTO) or more farms	3	21	12	-	18	79
..... number	3	32	17	-	25	161
Grain and bean combines farms	-	9	3	-	-	34
..... number	-	9	3	-	-	36
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	-	2	-	-	-	10
..... number	-	(D)	-	-	-	11
Hay balers farms	6	6	15	2	9	20
..... number	6	6	15	(D)	11	24
Manufactured prior to 2013:						
Trucks, including pickups farms	201	582	284	38	325	601
..... number	325	1,009	461	50	528	1,461

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment						
.....farms, 2017	1,205	208	1,153	912	954	244
.....2012	1,530	177	1,205	944	1,109	283
.....\$1,000, 2017	180,076	10,294	415,961	131,238	196,569	25,137
.....2012	155,267	7,546	367,212	121,562	171,131	24,120
Average per farm						
.....dollars, 2017	149,441	49,491	360,764	143,901	206,048	103,020
.....2012	101,481	42,635	304,740	128,774	154,311	85,231
Farms by value group:						
\$1 to \$9,999						
.....2017	247	33	101	128	123	37
.....2012	303	51	169	155	142	46
\$10,000 to \$19,999						
.....2017	167	39	117	129	100	26
.....2012	289	29	148	118	162	63
\$20,000 to \$29,999						
.....2017	123	40	116	134	108	36
.....2012	234	31	125	143	123	39
\$30,000 to \$49,999						
.....2017	194	36	101	133	131	42
.....2012	211	21	103	128	157	32
\$50,000 to \$69,999						
.....2017	108	19	75	85	86	20
.....2012	139	12	56	95	100	12
\$70,000 to \$99,999						
.....2017	64	17	64	69	69	25
.....2012	85	10	58	86	70	26
\$100,000 to \$199,999						
.....2017	111	14	128	97	133	28
.....2012	96	20	135	84	135	31
\$200,000 to \$499,999						
.....2017	85	10	214	73	89	18
.....2012	98	2	212	85	131	26
\$500,000 or more						
.....2017	106	-	237	64	115	12
.....2012	75	1	199	50	89	8
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups						
.....farms, 2017	828	163	911	726	824	182
.....2012	967	128	879	751	875	199
.....number, 2017	1,559	256	2,658	1,443	1,632	299
.....2012	1,688	187	2,629	1,428	1,656	346
Tractors						
.....farms, 2017	918	183	984	789	841	206
.....2012	1,118	137	990	781	941	241
.....number, 2017	2,595	448	3,735	2,078	2,613	537
.....2012	2,876	363	3,800	2,284	2,906	662
Less than 40 horsepower (PTO)						
.....farms, 2017	501	116	431	465	371	109
.....2012	568	96	455	439	433	164
.....number, 2017	726	177	655	675	560	142
.....2012	822	160	686	678	645	238
40 to 99 horsepower (PTO)						
.....farms, 2017	609	133	652	494	632	148
.....2012	781	94	739	555	690	145
.....number, 2017	973	219	1,187	774	1,085	242
.....2012	1,178	165	1,317	942	1,237	269
100 horsepower (PTO) or more						
.....farms, 2017	361	36	633	246	394	67
.....2012	398	23	628	274	460	79
.....number, 2017	896	52	1,893	629	968	153
.....2012	876	38	1,797	664	1,024	155
Grain and bean combines, self-propelled						
.....farms, 2017	269	19	523	174	271	30
.....2012	296	17	535	228	304	39
.....number, 2017	318	20	643	204	305	32
.....2012	339	18	666	268	339	40
Cotton pickers and strippers, self-propelled						
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....number, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Forage harvesters, self-propelled						
.....farms, 2017	33	6	68	39	53	10
.....2012	53	8	81	49	48	12
.....number, 2017	35	6	79	43	63	14
.....2012	63	8	91	51	54	17
Hay balers						
.....farms, 2017	345	86	284	272	370	106
.....2012	450	76	318	332	413	134
.....number, 2017	442	126	352	334	459	144
.....2012	558	105	390	418	563	190
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups						
.....farms	173	17	287	197	166	52
.....number	198	22	388	238	220	60
Tractors						
.....farms	141	35	244	158	140	28
.....number	206	43	452	219	237	30
Less than 40 horsepower (PTO)						
.....farms	56	20	74	66	34	7
.....number	66	26	76	66	34	7
40 to 99 horsepower (PTO)						
.....farms	54	13	64	67	67	17
.....number	58	13	71	73	80	18
100 horsepower (PTO) or more						
.....farms	53	4	164	35	69	5
.....number	82	4	305	80	123	5
Grain and bean combines						
.....farms	33	-	64	25	27	2
.....number	33	-	67	32	29	(D)
Cotton pickers and strippers						
.....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled						
.....farms	4	-	9	3	10	-
.....number	4	-	10	3	12	-
Hay balers						
.....farms	27	6	39	24	19	9
.....number	28	6	44	24	19	9
Manufactured prior to 2013:						
Trucks, including pickups						
.....farms	727	155	834	632	742	145
.....number	1,361	234	2,270	1,205	1,412	239

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment						
..... farms, 2017	133	957	923	707	225	1,010
..... 2012	117	928	1,073	734	224	1,159
..... \$1,000, 2017	8,607	149,930	107,128	145,774	19,990	135,654
..... 2012	5,894	97,155	92,057	109,295	10,156	129,140
Average per farm						
..... dollars, 2017	64,714	156,666	116,065	206,186	88,846	134,311
..... 2012	50,377	104,693	85,794	148,903	45,339	111,424
Farms by value group:						
\$1 to \$9,999						
..... 2017	39	106	142	110	36	150
..... 2012	28	183	201	143	41	229
\$10,000 to \$19,999						
..... 2017	17	130	120	92	41	129
..... 2012	17	118	170	100	35	170
\$20,000 to \$29,999						
..... 2017	22	104	110	77	24	123
..... 2012	16	105	103	61	36	148
\$30,000 to \$49,999						
..... 2017	14	129	139	83	23	120
..... 2012	25	131	191	95	42	147
\$50,000 to \$69,999						
..... 2017	15	106	100	50	27	101
..... 2012	11	96	106	86	23	73
\$70,000 to \$99,999						
..... 2017	6	73	55	52	21	73
..... 2012	4	56	73	51	28	79
\$100,000 to \$199,999						
..... 2017	10	123	125	71	33	162
..... 2012	10	113	125	78	8	162
\$200,000 to \$499,999						
..... 2017	6	116	84	88	12	97
..... 2012	6	81	64	67	11	93
\$500,000 or more						
..... 2017	4	70	48	84	8	55
..... 2012	-	45	40	53	-	58
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups						
..... farms, 2017	109	742	718	565	169	773
..... 2012	86	650	814	543	157	825
..... number, 2017	195	1,333	1,309	1,116	265	1,523
..... 2012	162	1,145	1,445	1,070	233	1,559
Tractors						
..... farms, 2017	117	782	790	607	188	848
..... 2012	93	723	917	607	172	972
..... number, 2017	265	2,478	2,225	1,629	459	2,611
..... 2012	251	2,254	2,661	1,636	378	2,977
Less than 40 horsepower (PTO)						
..... farms, 2017	73	339	457	368	122	427
..... 2012	64	336	530	391	103	546
..... number, 2017	109	507	653	565	174	655
..... 2012	107	506	878	606	158	930
40 to 99 horsepower (PTO)						
..... farms, 2017	69	556	544	372	133	615
..... 2012	61	527	666	346	118	678
..... number, 2017	123	990	972	625	205	1,319
..... 2012	115	982	1,179	596	166	1,473
100 horsepower (PTO) or more						
..... farms, 2017	19	417	258	192	43	287
..... 2012	16	343	280	192	30	292
..... number, 2017	33	981	600	439	80	637
..... 2012	29	766	604	434	54	574
Grain and bean combines, self-propelled						
..... farms, 2017	13	272	181	134	22	156
..... 2012	9	231	228	138	14	185
..... number, 2017	13	307	210	151	(D)	170
..... 2012	9	278	256	158	16	198
Cotton pickers and strippers, self-propelled						
..... farms, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
..... number, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
Forage harvesters, self-propelled						
..... farms, 2017	2	51	31	19	5	37
..... 2012	5	57	30	23	7	33
..... number, 2017	(D)	51	31	20	5	38
..... 2012	5	60	35	28	7	33
Hay balers						
..... farms, 2017	65	336	351	185	75	314
..... 2012	62	330	402	208	56	377
..... number, 2017	82	428	466	240	101	411
..... 2012	76	420	538	269	75	514
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups						
..... farms	16	159	156	171	43	227
..... number	16	189	177	206	48	265
Tractors						
..... farms	17	157	119	109	56	142
..... number	17	225	164	179	68	247
Less than 40 horsepower (PTO)						
..... farms	4	38	45	44	30	32
..... number	4	41	49	51	30	36
40 to 99 horsepower (PTO)						
..... farms	10	85	56	41	32	90
..... number	10	95	71	49	33	138
100 horsepower (PTO) or more						
..... farms	3	55	29	45	5	45
..... number	3	89	44	79	5	73
Grain and bean combines						
..... farms	-	16	7	14	1	7
..... number	-	19	10	16	(D)	8
Cotton pickers and strippers						
..... farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled						
..... farms	-	8	1	4	-	4
..... number	-	8	(D)	5	-	5
Hay balers						
..... farms	6	40	38	11	3	21
..... number	6	42	42	13	3	22
Manufactured prior to 2013:						
Trucks, including pickups						
..... farms	96	662	644	494	143	649
..... number	179	1,144	1,132	910	217	1,258

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment .....farms, 2017	9	168	1,013	470	1,361	724
.....2012	6	200	1,133	494	1,618	734
.....\$1,000, 2017	240	8,887	143,465	52,462	267,007	62,262
.....2012	205	11,193	142,814	47,570	217,178	65,070
Average per farm .....dollars, 2017	26,667	52,897	141,624	111,622	196,185	85,997
.....2012	34,117	55,963	126,049	96,296	134,226	88,651
Farms by value group:						
\$1 to \$9,999 .....2017	6	42	75	69	175	117
.....2012	-	44	154	57	307	129
\$10,000 to \$19,999 .....2017	-	32	142	58	210	123
.....2012	2	39	153	54	288	102
\$20,000 to \$29,999 .....2017	-	17	116	57	139	110
.....2012	2	25	109	62	215	89
\$30,000 to \$49,999 .....2017	-	26	171	68	181	109
.....2012	-	39	186	77	194	108
\$50,000 to \$69,999 .....2017	-	12	133	39	139	71
.....2012	-	13	137	55	137	97
\$70,000 to \$99,999 .....2017	3	19	102	38	76	47
.....2012	2	8	95	56	102	66
\$100,000 to \$199,999 .....2017	-	13	124	65	162	86
.....2012	-	22	142	69	149	74
\$200,000 to \$499,999 .....2017	-	4	72	57	127	38
.....2012	-	6	97	47	109	50
\$500,000 or more .....2017	-	3	78	19	152	23
.....2012	-	4	60	17	117	19
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups .....farms, 2017	9	124	875	374	1,057	558
.....2012	6	159	902	372	1,115	573
.....number, 2017	9	220	1,631	788	2,469	932
.....2012	8	238	1,564	757	2,364	1,004
Tractors .....farms, 2017	3	137	892	383	1,100	620
.....2012	6	173	982	436	1,272	614
.....number, 2017	6	358	2,609	1,144	3,619	1,530
.....2012	16	394	2,788	1,403	3,595	1,660
Less than 40 horsepower (PTO) .....farms, 2017	-	78	503	195	557	355
.....2012	2	97	578	229	616	392
.....number, 2017	-	128	790	273	852	448
.....2012	(D)	155	888	358	924	606
40 to 99 horsepower (PTO) .....farms, 2017	3	94	656	263	772	398
.....2012	4	105	701	341	890	396
.....number, 2017	(D)	182	1,108	755	1,335	653
.....2012	8	181	1,226	957	1,455	697
100 horsepower (PTO) or more .....farms, 2017	3	36	318	75	555	194
.....2012	4	36	331	63	523	168
.....number, 2017	(D)	48	711	116	1,432	429
.....2012	(D)	58	674	88	1,216	357
Grain and bean combines, self-propelled .....farms, 2017	-	13	203	20	435	100
.....2012	2	25	194	24	398	98
.....number, 2017	-	13	242	20	483	121
.....2012	(D)	26	212	26	457	116
Cotton pickers and strippers, self-propelled .....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....number, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms, 2017	-	1	40	12	17	23
.....2012	-	8	66	17	48	30
.....number, 2017	-	(D)	44	13	19	26
.....2012	-	8	74	18	51	31
Hay balers .....farms, 2017	-	76	327	82	319	224
.....2012	4	86	458	119	359	261
.....number, 2017	-	112	468	108	404	283
.....2012	6	128	631	144	446	347
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups .....farms	-	24	190	68	280	156
.....number	-	26	224	97	359	169
Tractors .....farms	-	15	150	101	181	161
.....number	-	28	214	159	302	198
Less than 40 horsepower (PTO) .....farms	-	6	52	35	61	66
.....number	-	6	62	37	66	70
40 to 99 horsepower (PTO) .....farms	-	10	86	61	56	76
.....number	-	17	97	92	64	80
100 horsepower (PTO) or more .....farms	-	5	33	25	85	33
.....number	-	5	55	30	172	48
Grain and bean combines .....farms	-	-	18	-	67	6
.....number	-	-	19	-	74	7
Cotton pickers and strippers .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	-	-	1	-	8	2
.....number	-	-	(D)	-	10	(D)
Hay balers .....farms	-	7	28	6	40	21
.....number	-	7	31	6	44	23
Manufactured prior to 2013:						
Trucks, including pickups .....farms	9	112	781	355	939	479
.....number	9	194	1,407	691	2,110	763

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment farms, 2017	71	101	404	274	179	472
..... 2012	43	103	502	324	168	440
..... \$1,000, 2017	4,607	7,518	60,359	22,296	15,271	62,408
..... 2012	4,181	5,950	60,640	13,320	11,540	48,248
Average per farm dollars, 2017	64,881	74,432	149,403	81,371	85,310	132,221
..... 2012	97,223	57,766	120,797	41,110	68,689	109,654
Farms by value group:						
\$1 to \$9,999 2017	9	15	17	56	40	70
..... 2012	10	24	78	65	30	74
\$10,000 to \$19,999 2017	11	4	60	22	24	75
..... 2012	6	11	76	57	18	79
\$20,000 to \$29,999 2017	19	19	53	25	28	39
..... 2012	-	9	46	46	13	47
\$30,000 to \$49,999 2017	4	21	48	48	21	88
..... 2012	9	26	70	63	38	70
\$50,000 to \$69,999 2017	13	14	23	35	15	41
..... 2012	3	9	39	33	23	42
\$70,000 to \$99,999 2017	2	4	46	30	20	34
..... 2012	2	6	35	23	16	27
\$100,000 to \$199,999 2017	9	14	80	35	13	48
..... 2012	3	10	67	34	14	44
\$200,000 to \$499,999 2017	2	10	38	19	12	51
..... 2012	8	8	58	2	14	39
\$500,000 or more 2017	2	-	39	4	6	26
..... 2012	2	-	33	1	2	18
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups farms, 2017	59	66	341	207	148	357
..... 2012	23	70	389	216	144	330
..... number, 2017	101	120	743	381	245	750
..... 2012	39	125	828	377	252	728
Tractors farms, 2017	41	88	367	236	132	389
..... 2012	25	74	444	256	145	370
..... number, 2017	99	210	1,260	575	364	1,313
..... 2012	63	185	1,286	635	312	1,208
Less than 40 horsepower (PTO) farms, 2017	29	41	241	119	77	219
..... 2012	11	40	260	149	71	214
..... number, 2017	37	55	423	172	123	316
..... 2012	(D)	64	412	239	105	366
40 to 99 horsepower (PTO) farms, 2017	28	58	219	182	102	293
..... 2012	19	51	300	188	105	268
..... number, 2017	53	118	464	310	206	659
..... 2012	39	90	573	320	165	582
100 horsepower (PTO) or more farms, 2017	7	18	159	60	19	140
..... 2012	4	12	147	55	29	113
..... number, 2017	9	37	373	93	35	338
..... 2012	(D)	31	301	76	42	260
Grain and bean combines, self-propelled farms, 2017	3	11	109	39	15	99
..... 2012	2	14	109	36	10	72
..... number, 2017	4	13	128	41	15	105
..... 2012	(D)	14	119	41	10	76
Cotton pickers and strippers, self-propelled farms, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
..... number, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
Forage harvesters, self-propelled farms, 2017	3	3	18	13	12	21
..... 2012	-	3	25	9	9	26
..... number, 2017	3	5	25	16	13	21
..... 2012	-	7	25	11	9	30
Hay balers farms, 2017	23	56	101	84	64	165
..... 2012	12	40	132	111	73	170
..... number, 2017	30	75	124	125	88	230
..... 2012	19	57	159	159	105	226
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups farms	22	19	96	43	28	65
..... number	27	19	122	50	28	98
Tractors farms	7	18	51	63	18	54
..... number	12	19	86	81	28	86
Less than 40 horsepower (PTO) farms	6	6	16	19	9	12
..... number	(D)	6	24	24	11	12
40 to 99 horsepower (PTO) farms	1	10	16	42	10	33
..... number	(D)	10	28	47	14	44
100 horsepower (PTO) or more farms	1	3	27	9	3	20
..... number	(D)	3	34	10	3	30
Grain and bean combines farms	-	-	7	-	-	4
..... number	-	-	8	-	-	4
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	-	-	-	-	1	2
..... number	-	-	-	-	(D)	(D)
Hay balers farms	2	4	7	10	1	5
..... number	(D)	4	9	10	(D)	6
Manufactured prior to 2013:						
Trucks, including pickups farms	48	61	306	184	142	319
..... number	74	101	621	331	217	652

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment						
.....farms, 2017	694	353	530	406	1,085	962
.....2012	779	398	555	433	1,144	1,127
.....\$1,000, 2017	101,118	40,025	64,190	83,517	162,905	164,187
.....2012	70,662	33,648	54,578	66,934	155,220	147,996
Average per farm						
.....dollars, 2017	145,703	113,385	121,112	205,707	150,143	170,672
.....2012	90,708	84,543	98,340	154,581	135,682	131,318
Farms by value group:						
\$1 to \$9,999						
.....2017	116	47	78	47	120	212
.....2012	142	74	110	72	119	213
\$10,000 to \$19,999						
.....2017	103	74	78	53	153	152
.....2012	142	78	94	59	130	191
\$20,000 to \$29,999						
.....2017	121	30	65	39	99	90
.....2012	115	41	60	55	139	161
\$30,000 to \$49,999						
.....2017	117	37	96	54	157	132
.....2012	100	48	77	65	168	144
\$50,000 to \$69,999						
.....2017	57	54	57	44	107	76
.....2012	91	35	50	47	142	133
\$70,000 to \$99,999						
.....2017	43	21	49	35	103	57
.....2012	56	21	42	30	84	49
\$100,000 to \$199,999						
.....2017	50	50	43	41	139	110
.....2012	72	56	56	40	167	76
\$200,000 to \$499,999						
.....2017	60	27	34	43	108	54
.....2012	37	35	43	33	116	88
\$500,000 or more						
.....2017	27	13	30	50	99	79
.....2012	24	10	23	32	79	72
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups						
.....farms, 2017	473	298	417	339	872	672
.....2012	533	305	406	281	905	735
.....number, 2017	895	481	816	706	1,948	1,526
.....2012	929	513	790	664	2,007	1,618
Tractors						
.....farms, 2017	562	290	450	343	929	781
.....2012	601	317	452	329	1,005	928
.....number, 2017	1,601	796	1,094	1,008	2,836	2,427
.....2012	1,808	867	1,209	968	3,084	2,846
Less than 40 horsepower (PTO)						
.....farms, 2017	295	174	249	145	527	389
.....2012	321	164	270	147	590	487
.....number, 2017	445	239	365	205	810	576
.....2012	508	243	415	212	869	729
40 to 99 horsepower (PTO)						
.....farms, 2017	436	197	302	246	610	596
.....2012	489	243	310	237	705	726
.....number, 2017	718	360	408	407	1,039	1,063
.....2012	891	411	483	436	1,202	1,290
100 horsepower (PTO) or more						
.....farms, 2017	221	96	153	137	424	292
.....2012	200	116	157	122	500	354
.....number, 2017	438	197	321	396	987	788
.....2012	409	213	311	320	1,013	827
Grain and bean combines, self-propelled						
.....farms, 2017	107	54	119	31	348	203
.....2012	130	58	131	32	357	223
.....number, 2017	115	59	134	35	373	237
.....2012	144	62	151	35	392	266
Cotton pickers and strippers, self-propelled						
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....number, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Forage harvesters, self-propelled						
.....farms, 2017	33	32	12	32	11	54
.....2012	31	27	14	29	13	52
.....number, 2017	33	34	19	43	12	63
.....2012	32	27	15	31	16	58
Hay balers						
.....farms, 2017	344	177	135	137	204	352
.....2012	358	203	128	165	228	433
.....number, 2017	473	227	175	176	244	453
.....2012	484	288	177	214	269	590
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups						
.....farms	95	25	93	86	228	152
.....number	142	35	119	127	265	217
Tractors						
.....farms	71	26	83	94	131	104
.....number	110	40	120	155	196	190
Less than 40 horsepower (PTO)						
.....farms	32	6	35	33	60	41
.....number	42	6	39	33	73	43
40 to 99 horsepower (PTO)						
.....farms	27	6	34	48	52	30
.....number	28	6	34	50	62	40
100 horsepower (PTO) or more						
.....farms	23	18	32	35	38	46
.....number	40	28	47	72	61	107
Grain and bean combines						
.....farms	6	3	5	1	24	20
.....number	6	3	5	(D)	25	24
Cotton pickers and strippers						
.....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled						
.....farms	5	3	1	8	1	6
.....number	5	3	(D)	8	(D)	6
Hay balers						
.....farms	22	11	4	5	11	27
.....number	22	11	4	5	11	28
Manufactured prior to 2013:						
Trucks, including pickups						
.....farms	417	291	375	301	777	614
.....number	753	446	697	579	1,683	1,309

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment						
..... farms, 2017	178	476	850	514	545	294
..... 2012	151	514	923	537	607	280
..... \$1,000, 2017	19,611	53,569	107,516	34,531	100,098	52,329
..... 2012	12,759	49,001	84,348	29,138	75,826	36,189
Average per farm						
..... dollars, 2017	110,173	112,539	126,490	67,181	183,666	177,989
..... 2012	84,495	95,333	91,385	54,261	124,919	129,245
Farms by value group:						
\$1 to \$9,999						
..... 2017	33	97	129	75	78	47
..... 2012	24	99	165	110	107	31
\$10,000 to \$19,999						
..... 2017	26	96	108	108	66	22
..... 2012	19	80	170	94	71	46
\$20,000 to \$29,999						
..... 2017	26	42	121	91	43	32
..... 2012	33	74	125	73	78	44
\$30,000 to \$49,999						
..... 2017	26	60	126	51	97	29
..... 2012	12	57	129	107	84	38
\$50,000 to \$69,999						
..... 2017	14	46	76	41	65	29
..... 2012	17	65	77	53	54	29
\$70,000 to \$99,999						
..... 2017	9	43	104	57	47	27
..... 2012	11	34	74	35	42	16
\$100,000 to \$199,999						
..... 2017	22	34	83	67	51	51
..... 2012	18	48	88	35	86	28
\$200,000 to \$499,999						
..... 2017	13	38	61	15	46	25
..... 2012	12	37	70	23	51	30
\$500,000 or more						
..... 2017	9	20	42	9	52	32
..... 2012	5	20	25	7	34	18
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups						
..... farms, 2017	117	372	649	363	472	215
..... 2012	121	399	680	370	492	207
..... number, 2017	172	746	1,221	556	1,260	442
..... 2012	174	747	1,271	575	1,213	424
Tractors						
..... farms, 2017	154	387	708	409	481	237
..... 2012	132	430	777	436	526	234
..... number, 2017	396	1,098	1,960	798	1,687	861
..... 2012	325	1,164	2,165	909	1,822	756
Less than 40 horsepower (PTO)						
..... farms, 2017	95	229	316	247	292	126
..... 2012	56	246	373	302	282	126
..... number, 2017	139	390	457	331	456	174
..... 2012	77	363	600	440	520	187
40 to 99 horsepower (PTO)						
..... farms, 2017	92	265	583	219	348	178
..... 2012	99	296	591	253	393	178
..... number, 2017	164	520	1,015	348	862	346
..... 2012	162	576	1,100	372	984	331
100 horsepower (PTO) or more						
..... farms, 2017	41	66	231	83	166	124
..... 2012	42	108	243	48	147	93
..... number, 2017	93	188	488	119	369	341
..... 2012	86	225	465	97	318	238
Grain and bean combines, self-propelled						
..... farms, 2017	23	44	123	23	82	60
..... 2012	17	57	150	23	72	61
..... number, 2017	25	46	137	28	93	65
..... 2012	18	62	166	26	76	71
Cotton pickers and strippers, self-propelled						
..... farms, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
..... number, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
Forage harvesters, self-propelled						
..... farms, 2017	5	18	37	9	25	32
..... 2012	3	25	49	2	20	28
..... number, 2017	5	22	42	9	34	36
..... 2012	(D)	25	51	(D)	23	35
Hay balers						
..... farms, 2017	77	146	339	114	189	163
..... 2012	84	171	367	95	220	154
..... number, 2017	92	186	459	157	252	230
..... 2012	111	206	478	133	295	214
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups						
..... farms	22	73	108	129	77	44
..... number	27	89	132	153	140	53
Tractors						
..... farms	27	55	95	94	95	37
..... number	30	103	151	115	164	62
Less than 40 horsepower (PTO)						
..... farms	3	28	26	39	23	5
..... number	3	40	32	39	25	5
40 to 99 horsepower (PTO)						
..... farms	17	25	55	51	54	21
..... number	19	41	64	62	81	24
100 horsepower (PTO) or more						
..... farms	8	9	33	14	38	18
..... number	8	22	55	14	58	33
Grain and bean combines						
..... farms	2	6	11	2	1	3
..... number	(D)	6	12	(D)	(D)	3
Cotton pickers and strippers						
..... farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled						
..... farms	2	1	2	6	5	6
..... number	(D)	(D)	(D)	6	5	6
Hay balers						
..... farms	5	7	15	6	15	17
..... number	5	8	17	7	18	17
Manufactured prior to 2013:						
Trucks, including pickups						
..... farms	102	337	599	280	447	202
..... number	145	657	1,089	403	1,120	389

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment .....farms, 2017	114	625	144	193	1,130	322
.....farms, 2012	109	750	145	180	1,363	323
.....\$1,000, 2017	7,814	49,509	5,630	15,475	189,629	30,136
.....\$1,000, 2012	6,677	48,755	7,053	12,994	194,738	26,789
Average per farm .....dollars, 2017	68,540	79,214	39,097	80,181	167,813	93,591
.....dollars, 2012	61,258	65,007	48,641	72,190	142,875	82,939
Farms by value group:						
\$1 to \$9,999 .....2017	14	127	45	16	165	17
.....2012	31	174	35	27	189	51
\$10,000 to \$19,999 .....2017	14	79	27	13	150	68
.....2012	17	137	21	20	214	46
\$20,000 to \$29,999 .....2017	5	71	13	37	99	30
.....2012	9	84	21	15	173	44
\$30,000 to \$49,999 .....2017	24	99	29	54	145	58
.....2012	10	100	20	30	152	60
\$50,000 to \$69,999 .....2017	20	77	6	18	100	48
.....2012	5	73	16	29	137	25
\$70,000 to \$99,999 .....2017	11	55	8	17	96	21
.....2012	10	64	13	29	94	13
\$100,000 to \$199,999 .....2017	21	64	12	24	142	51
.....2012	20	72	15	21	181	53
\$200,000 to \$499,999 .....2017	5	43	4	11	145	23
.....2012	7	33	4	6	137	21
\$500,000 or more .....2017	-	10	-	3	88	6
.....2012	-	13	-	3	86	10
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups .....farms, 2017	79	425	55	167	908	245
.....farms, 2012	81	492	63	167	994	246
.....number, 2017	120	651	93	231	2,140	486
.....number, 2012	124	719	97	249	2,146	484
Tractors .....farms, 2017	99	508	87	173	964	275
.....farms, 2012	94	591	81	161	1,128	274
.....number, 2017	311	1,277	217	391	3,323	761
.....number, 2012	272	1,512	229	422	3,841	791
Less than 40 horsepower (PTO) .....farms, 2017	50	235	50	84	509	126
.....farms, 2012	55	330	57	103	590	152
.....number, 2017	105	327	81	106	954	188
.....number, 2012	86	478	70	146	1,194	243
40 to 99 horsepower (PTO) .....farms, 2017	74	387	51	111	713	227
.....farms, 2012	70	449	59	120	876	209
.....number, 2017	152	666	101	192	1,634	385
.....number, 2012	143	745	117	208	1,865	371
100 horsepower (PTO) or more .....farms, 2017	32	141	20	50	307	89
.....farms, 2012	30	155	22	46	368	93
.....number, 2017	54	284	35	93	735	188
.....number, 2012	43	289	42	68	782	177
Grain and bean combines, self-propelled .....farms, 2017	14	66	3	25	164	74
.....farms, 2012	25	60	5	34	203	80
.....number, 2017	20	68	3	27	181	85
.....number, 2012	30	60	5	35	218	94
Cotton pickers and strippers, self-propelled .....farms, 2017	-	-	-	-	-	-
.....farms, 2012	-	-	-	-	-	-
.....number, 2017	-	-	-	-	-	-
.....number, 2012	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms, 2017	3	25	3	8	39	35
.....farms, 2012	6	37	2	9	81	22
.....number, 2017	(D)	26	3	8	42	35
.....number, 2012	6	37	(D)	11	88	24
Hay balers .....farms, 2017	63	311	46	61	357	138
.....farms, 2012	67	368	54	92	493	140
.....number, 2017	90	400	68	84	428	185
.....number, 2012	97	469	77	109	603	203
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups .....farms	14	82	2	36	192	50
.....number	14	87	(D)	41	325	67
Tractors .....farms	10	70	12	32	182	30
.....number	11	84	12	42	318	45
Less than 40 horsepower (PTO) .....farms	4	18	-	16	67	8
.....number	(D)	18	-	16	93	8
40 to 99 horsepower (PTO) .....farms	5	30	12	16	104	20
.....number	5	30	12	20	160	28
100 horsepower (PTO) or more .....farms	1	27	-	6	38	4
.....number	(D)	36	-	6	65	9
Grain and bean combines .....farms	-	3	-	-	17	-
.....number	-	3	-	-	20	-
Cotton pickers and strippers .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	1	4	-	-	4	-
.....number	(D)	4	-	-	4	-
Hay balers .....farms	2	34	1	3	31	7
.....number	(D)	46	(D)	4	33	7
Manufactured prior to 2013:						
Trucks, including pickups .....farms	71	378	53	136	834	225
.....number	106	564	(D)	190	1,815	419

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment farms, 2017	48	1,250	1,077	896	1,315	62
..... 2012	58	1,318	1,049	967	1,467	65
..... \$1,000, 2017	3,658	202,973	142,364	211,243	360,579	4,055
..... 2012	3,304	190,888	128,926	153,653	318,761	3,837
Average per farm dollars, 2017	76,198	162,379	132,186	235,762	274,204	65,397
..... 2012	56,968	144,832	122,904	158,897	217,288	59,027
Farms by value group:						
\$1 to \$9,999 2017	3	163	117	120	115	5
..... 2012	12	138	109	230	140	9
\$10,000 to \$19,999 2017	3	189	119	110	129	15
..... 2012	10	171	158	108	161	7
\$20,000 to \$29,999 2017	-	137	117	120	139	13
..... 2012	-	168	182	103	163	10
\$30,000 to \$49,999 2017	18	130	158	113	140	7
..... 2012	14	202	139	105	180	12
\$50,000 to \$69,999 2017	14	127	123	63	111	1
..... 2012	7	110	102	61	119	7
\$70,000 to \$99,999 2017	4	109	116	49	66	5
..... 2012	6	85	86	76	117	10
\$100,000 to \$199,999 2017	1	135	143	102	215	11
..... 2012	6	176	107	103	208	6
\$200,000 to \$499,999 2017	3	137	111	113	190	5
..... 2012	3	178	108	104	199	4
\$500,000 or more 2017	2	123	73	106	210	-
..... 2012	-	90	58	77	180	-
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups farms, 2017	39	971	877	591	1,045	58
..... 2012	52	985	843	583	1,130	54
..... number, 2017	68	2,297	1,523	1,409	2,598	87
..... 2012	81	2,364	1,501	1,206	2,675	68
Tractors farms, 2017	44	1,021	985	655	1,117	50
..... 2012	55	1,096	963	674	1,260	55
..... number, 2017	118	3,504	2,982	2,213	4,253	117
..... 2012	112	3,755	2,927	2,122	4,559	128
Less than 40 horsepower (PTO) farms, 2017	30	637	541	359	500	38
..... 2012	37	726	562	341	594	37
..... number, 2017	52	997	854	596	780	50
..... 2012	58	1,185	887	537	966	57
40 to 99 horsepower (PTO) farms, 2017	32	711	699	457	825	30
..... 2012	32	734	703	493	944	40
..... number, 2017	49	1,173	1,201	836	1,587	51
..... 2012	46	1,308	1,308	901	1,751	58
100 horsepower (PTO) or more farms, 2017	10	553	435	283	721	9
..... 2012	5	545	363	273	736	9
..... number, 2017	17	1,334	927	781	1,886	16
..... 2012	8	1,262	732	684	1,842	13
Grain and bean combines, self-propelled farms, 2017	3	511	318	197	523	3
..... 2012	6	542	320	196	574	5
..... number, 2017	6	574	360	231	602	5
..... 2012	6	609	372	227	669	7
Cotton pickers and strippers, self-propelled farms, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
..... number, 2017	-	-	-	-	-	-
..... 2012	-	-	-	-	-	-
Forage harvesters, self-propelled farms, 2017	6	16	39	20	97	2
..... 2012	2	24	46	7	120	5
..... number, 2017	6	17	40	21	102	(D)
..... 2012	(D)	26	49	9	133	5
Hay balers farms, 2017	28	209	369	284	495	29
..... 2012	29	245	379	283	508	27
..... number, 2017	35	264	471	368	613	35
..... 2012	37	299	481	372	678	37
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups farms	2	254	212	184	333	21
..... number (D)	(D)	317	232	267	453	27
Tractors farms	3	189	158	121	231	8
..... number (D)	(D)	332	223	209	410	14
Less than 40 horsepower (PTO) farms	-	84	50	32	38	4
..... number	-	107	54	33	41	5
40 to 99 horsepower (PTO) farms	1	56	75	41	84	6
..... number (D)	(D)	66	92	48	99	6
100 horsepower (PTO) or more farms	2	82	57	63	154	3
..... number (D)	(D)	159	77	128	270	3
Grain and bean combines farms	-	47	22	27	76	-
..... number	-	50	22	28	84	-
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	-	1	-	1	6	-
..... number (D)	(D)	(D)	(D)	7	7	-
Hay balers farms	-	16	36	20	36	3
..... number	-	16	41	23	36	3
Manufactured prior to 2013:						
Trucks, including pickups farms	39	853	784	513	895	42
..... number (D)	(D)	1,980	1,291	1,142	2,145	60

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment						
.....farms, 2017	972	1,241	953	1,245	248	304
.....2012	1,033	1,322	1,113	1,236	287	357
.....\$1,000, 2017	147,354	281,217	143,550	139,938	17,517	18,506
.....2012	140,925	223,242	147,314	114,130	23,219	17,020
Average per farm						
.....dollars, 2017	151,599	226,605	150,630	112,400	70,633	60,875
.....2012	136,423	168,867	132,358	92,338	80,904	47,674
Farms by value group:						
\$1 to \$9,999						
.....2017	99	179	175	138	70	61
.....2012	121	199	213	162	63	69
\$10,000 to \$19,999						
.....2017	113	146	158	169	51	56
.....2012	153	165	112	194	60	75
\$20,000 to \$29,999						
.....2017	117	117	81	140	25	37
.....2012	105	152	152	176	24	55
\$30,000 to \$49,999						
.....2017	118	146	143	183	30	40
.....2012	145	196	184	211	35	59
\$50,000 to \$69,999						
.....2017	102	139	80	180	11	38
.....2012	109	118	101	139	20	32
\$70,000 to \$99,999						
.....2017	111	82	65	103	8	18
.....2012	96	87	64	72	11	29
\$100,000 to \$199,999						
.....2017	121	142	113	147	36	38
.....2012	127	145	144	126	48	25
\$200,000 to \$499,999						
.....2017	118	137	93	117	11	13
.....2012	101	131	91	115	20	10
\$500,000 or more						
.....2017	73	153	45	68	6	3
.....2012	76	129	52	41	6	3
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups						
.....farms, 2017	800	922	773	1,018	182	221
.....2012	807	969	802	974	212	250
.....number, 2017	1,746	2,391	1,746	1,875	351	348
.....2012	1,732	2,379	1,745	1,725	397	379
Tractors						
.....farms, 2017	801	1,022	785	1,117	160	241
.....2012	876	1,085	942	1,054	220	275
.....number, 2017	2,584	3,357	2,608	3,262	394	516
.....2012	2,935	3,522	2,987	3,296	562	602
Less than 40 horsepower (PTO)						
.....farms, 2017	440	527	483	738	95	131
.....2012	514	565	585	704	156	175
.....number, 2017	675	815	923	1,075	146	178
.....2012	843	948	1,040	1,174	276	246
40 to 99 horsepower (PTO)						
.....farms, 2017	596	664	597	731	94	163
.....2012	673	794	692	721	116	177
.....number, 2017	1,008	1,128	1,294	1,311	171	246
.....2012	1,191	1,279	1,478	1,380	195	266
100 horsepower (PTO) or more						
.....farms, 2017	390	539	166	368	37	50
.....2012	419	497	225	338	56	51
.....number, 2017	901	1,414	391	876	77	92
.....2012	901	1,295	469	742	91	90
Grain and bean combines, self-propelled						
.....farms, 2017	312	396	88	277	30	33
.....2012	354	418	137	289	32	30
.....number, 2017	349	485	105	312	33	33
.....2012	400	517	169	332	36	30
Cotton pickers and strippers, self-propelled						
.....farms, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
.....number, 2017	-	-	-	-	-	-
.....2012	-	-	-	-	-	-
Forage harvesters, self-propelled						
.....farms, 2017	19	47	39	47	4	17
.....2012	27	69	44	35	5	15
.....number, 2017	19	56	45	52	4	17
.....2012	28	70	50	40	5	15
Hay balers						
.....farms, 2017	278	319	213	389	19	112
.....2012	369	378	254	432	40	120
.....number, 2017	358	385	281	531	28	153
.....2012	477	484	356	583	47	166
2017 INVENTORY						
Manufactured 2013 to 2017:						
Trucks, including pickups						
.....farms	212	304	148	219	50	56
.....number	229	387	250	237	67	61
Tractors						
.....farms	105	199	140	191	20	37
.....number	151	315	258	222	37	49
Less than 40 horsepower (PTO)						
.....farms	42	56	55	94	8	15
.....number	48	57	61	95	11	15
40 to 99 horsepower (PTO)						
.....farms	27	70	72	76	15	16
.....number	35	73	120	80	22	20
100 horsepower (PTO) or more						
.....farms	45	102	31	40	3	9
.....number	68	185	77	47	4	14
Grain and bean combines						
.....farms	19	53	7	17	-	-
.....number	20	61	11	20	-	-
Cotton pickers and strippers						
.....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled						
.....farms	3	7	6	1	2	4
.....number	3	7	6	(D)	(D)	4
Hay balers						
.....farms	16	22	18	34	2	9
.....number	17	22	24	36	(D)	13
Manufactured prior to 2013:						
Trucks, including pickups						
.....farms	698	804	705	905	152	182
.....number	1,517	2,004	1,496	1,638	284	287

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors farms	37,037	188	102	958	322	225
..... number	108,328	504	214	2,971	818	623
Less than 40 horsepower (PTO) farms	19,515	106	57	495	190	130
..... number	30,146	202	70	783	296	201
40 to 99 horsepower (PTO) farms	25,743	127	70	645	215	164
..... number	46,212	207	115	1,261	344	317
100 horsepower (PTO) or more farms	14,423	49	14	382	87	50
..... number	31,970	95	29	927	178	105
Grain and bean combines farms	9,729	35	6	211	40	25
..... number	10,993	(D)	6	222	52	27
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	1,587	14	5	48	13	8
..... number	1,730	18	5	53	(D)	8
Hay balers farms	14,255	107	50	392	174	76
..... number	18,230	142	63	495	230	98
Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors farms	276	51	709	570	134	705
..... number	860	114	1,843	1,965	272	2,496
Less than 40 horsepower (PTO) farms	141	30	364	289	75	432
..... number	200	(D)	523	507	(D)	901
40 to 99 horsepower (PTO) farms	194	42	504	350	81	517
..... number	350	(D)	837	606	159	1,121
100 horsepower (PTO) or more farms	135	9	216	336	18	248
..... number	310	12	483	852	(D)	474
Grain and bean combines farms	101	18	151	292	13	185
..... number	122	20	163	335	13	230
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	11	10	21	13	1	11
..... number	12	12	21	(D)	(D)	13
Hay balers farms	73	34	302	104	30	156
..... number	96	52	398	126	(D)	211
Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors farms	590	712	574	202	261	327
..... number	1,863	2,066	1,695	415	589	820
Less than 40 horsepower (PTO) farms	270	381	282	104	162	166
..... number	445	553	510	137	228	224
40 to 99 horsepower (PTO) farms	415	455	385	139	170	269
..... number	726	804	673	235	286	486
100 horsepower (PTO) or more farms	278	333	248	26	47	67
..... number	692	709	512	43	75	110
Grain and bean combines farms	245	246	160	26	22	56
..... number	279	271	179	28	24	(D)
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	20	36	25	9	9	25
..... number	(D)	38	(D)	(D)	(D)	(D)
Hay balers farms	251	290	179	72	116	193
..... number	297	382	230	98	154	255

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors .....farms	251	817	25	211	126	751
.....number	592	2,253	41	683	343	2,177
Less than 40 horsepower (PTO) .....farms	147	401	15	119	83	319
.....number	184	613	24	254	129	446
40 to 99 horsepower (PTO) .....farms	150	544	8	174	88	539
.....number	283	880	10	311	(D)	913
100 horsepower (PTO) or more .....farms	64	364	7	54	31	376
.....number	125	760	7	118	(D)	818
Grain and bean combines .....farms	32	214	1	33	17	229
.....number	(D)	259	(D)	38	17	260
Cotton pickers and strippers .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	16	16	1	11	3	33
.....number	20	16	(D)	11	(D)	33
Hay balers .....farms	177	288	7	115	48	262
.....number	216	339	9	151	77	347
Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors .....farms	246	649	334	47	368	606
.....number	543	1,669	840	(D)	959	1,958
Less than 40 horsepower (PTO) .....farms	147	386	159	35	214	268
.....number	214	522	227	(D)	295	440
40 to 99 horsepower (PTO) .....farms	161	423	244	27	241	394
.....number	265	724	434	45	518	709
100 horsepower (PTO) or more .....farms	41	201	114	2	80	324
.....number	64	423	179	(D)	146	809
Grain and bean combines .....farms	42	138	54	-	44	281
.....number	42	167	63	-	47	316
Cotton pickers and strippers .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	11	13	12	1	6	31
.....number	11	(D)	12	(D)	6	34
Hay balers .....farms	119	228	208	31	133	155
.....number	148	296	251	(D)	174	177
Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors .....farms	865	177	930	700	803	199
.....number	2,389	405	3,283	1,859	2,376	507
Less than 40 horsepower (PTO) .....farms	463	104	372	408	354	104
.....number	660	151	579	609	526	135
40 to 99 horsepower (PTO) .....farms	568	122	626	448	589	138
.....number	915	206	1,116	701	1,005	224
100 horsepower (PTO) or more .....farms	351	34	600	232	376	66
.....number	814	48	1,588	549	845	148
Grain and bean combines .....farms	240	19	485	151	251	28
.....number	285	20	576	172	276	(D)
Cotton pickers and strippers .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	29	6	61	37	44	10
.....number	31	6	69	40	51	14
Hay balers .....farms	329	84	249	254	356	100
.....number	414	120	308	310	440	135

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors farms	105	718	743	549	161	799
..... number	248	2,253	2,061	1,450	391	2,364
Less than 40 horsepower (PTO) farms	69	301	423	328	104	403
..... number	105	466	604	514	144	619
40 to 99 horsepower (PTO) farms	61	505	506	342	106	567
..... number	113	895	901	576	172	1,181
100 horsepower (PTO) or more farms	18	403	244	170	38	267
..... number	30	892	556	360	75	564
Grain and bean combines farms	13	259	176	123	21	150
..... number	13	288	200	135	(D)	162
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	2	43	30	15	5	33
..... number	(D)	43	(D)	15	5	33
Hay balers farms	61	309	329	174	72	303
..... number	76	386	424	227	98	389
Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors farms	3	132	847	338	1,054	536
..... number	6	330	2,395	985	3,317	1,332
Less than 40 horsepower (PTO) farms	-	72	470	165	505	303
..... number	-	122	728	236	786	378
40 to 99 horsepower (PTO) farms	3	89	615	233	750	344
..... number	(D)	165	1,011	663	1,271	573
100 horsepower (PTO) or more farms	3	33	307	52	543	181
..... number	(D)	43	656	86	1,260	381
Grain and bean combines farms	-	13	187	20	376	94
..... number	-	13	223	20	409	114
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	-	1	39	12	9	22
..... number	-	(D)	(D)	13	9	(D)
Hay balers farms	-	74	313	79	294	209
..... number	-	105	437	102	360	260
Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors farms	38	72	355	208	119	379
..... number	87	191	1,174	494	336	1,227
Less than 40 horsepower (PTO) farms	24	35	232	110	68	209
..... number	(D)	49	399	148	112	304
40 to 99 horsepower (PTO) farms	28	48	215	153	92	279
..... number	(D)	108	436	263	192	615
100 horsepower (PTO) or more farms	6	17	151	52	17	133
..... number	(D)	34	339	83	32	308
Grain and bean combines farms	3	11	102	39	15	95
..... number	4	13	120	41	15	101
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	3	3	18	13	11	19
..... number	3	5	25	16	(D)	(D)
Hay balers farms	21	55	97	83	63	162
..... number	(D)	71	115	115	(D)	224

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors .....farms	538	281	413	312	881	746
.....number	1,491	756	974	853	2,640	2,237
Less than 40 horsepower (PTO) .....farms	272	168	221	120	484	354
.....number	403	233	326	172	737	533
40 to 99 horsepower (PTO) .....farms	423	191	277	220	585	579
.....number	690	354	374	357	977	1,023
100 horsepower (PTO) or more .....farms	213	90	148	130	411	282
.....number	398	169	274	324	926	681
Grain and bean combines .....farms	102	51	115	30	326	187
.....number	109	56	129	(D)	348	213
Cotton pickers and strippers .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	28	29	11	27	10	49
.....number	28	31	(D)	35	(D)	57
Hay balers .....farms	332	170	133	133	200	339
.....number	451	216	171	171	233	425
Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors .....farms	149	370	674	355	468	230
.....number	366	995	1,809	683	1,523	799
Less than 40 horsepower (PTO) .....farms	92	211	295	212	278	124
.....number	136	350	425	292	431	169
40 to 99 horsepower (PTO) .....farms	88	255	554	185	341	163
.....number	145	479	951	286	781	322
100 horsepower (PTO) or more .....farms	41	64	220	71	154	122
.....number	85	166	433	105	311	308
Grain and bean combines .....farms	21	38	113	22	81	58
.....number	(D)	40	125	(D)	(D)	62
Cotton pickers and strippers .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	3	17	35	3	21	26
.....number	(D)	(D)	(D)	3	29	30
Hay balers .....farms	74	141	330	111	181	155
.....number	87	178	442	150	234	213
Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors .....farms	94	485	84	158	908	254
.....number	300	1,193	205	349	3,005	716
Less than 40 horsepower (PTO) .....farms	46	219	50	69	458	118
.....number	(D)	309	81	90	861	180
40 to 99 horsepower (PTO) .....farms	74	373	48	98	676	208
.....number	147	636	89	172	1,474	357
100 horsepower (PTO) or more .....farms	31	124	20	49	291	86
.....number	(D)	248	35	87	670	179
Grain and bean combines .....farms	14	63	3	25	149	74
.....number	20	65	3	27	161	85
Cotton pickers and strippers .....farms	-	-	-	-	-	-
.....number	-	-	-	-	-	-
Forage harvesters, self-propelled .....farms	2	21	3	8	37	35
.....number	(D)	22	3	8	38	35
Hay balers .....farms	62	283	45	60	337	137
.....number	(D)	354	(D)	80	395	178

--continued

Table 39. Machinery and Equipment on Operation: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors farms	44	964	924	598	1,058	47
..... number	(D)	3,172	2,759	2,004	3,843	103
Less than 40 horsepower (PTO) farms	30	580	499	327	465	34
..... number	52	890	800	563	739	45
40 to 99 horsepower (PTO) farms	32	670	645	430	779	26
..... number	(D)	1,107	1,109	788	1,488	45
100 horsepower (PTO) or more farms	10	535	418	254	683	8
..... number	(D)	1,175	850	653	1,616	13
Grain and bean combines farms	3	472	299	176	454	3
..... number	6	524	338	203	518	5
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	6	15	39	19	91	2
..... number	6	(D)	40	(D)	95	(D)
Hay balers farms	28	199	339	278	465	26
..... number	35	248	430	345	577	32
Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
2017 INVENTORY - Con.						
Manufactured prior to 2013: - Con.						
Tractors farms	771	952	727	1,022	145	218
..... number	2,433	3,042	2,350	3,040	357	467
Less than 40 horsepower (PTO) farms	408	483	442	658	87	118
..... number	627	758	862	980	135	163
40 to 99 horsepower (PTO) farms	581	614	560	673	83	150
..... number	973	1,055	1,174	1,231	149	226
100 horsepower (PTO) or more farms	380	504	153	355	35	46
..... number	833	1,229	314	829	73	78
Grain and bean combines farms	297	356	83	263	30	33
..... number	329	424	94	292	33	33
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	16	40	35	46	2	13
..... number	16	49	39	(D)	(D)	13
Hay balers farms	266	303	199	368	17	104
..... number	341	363	257	495	(D)	140

Table 40. Fertilizers and Chemicals Applied: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	22,234	66	34	596	151	160
.....farms, 2012	23,463	77	34	610	186	164
acres treated, 2017	5,515,923	8,419	2,838	146,688	19,949	16,395
acres treated, 2012	5,396,912	9,808	2,768	166,799	20,167	16,495
Cropland fertilized, except cropland pasture .....farms, 2017	21,119	63	32	573	134	158
.....farms, 2012	22,516	69	33	586	169	155
acres treated, 2017	5,476,783	8,361	2,539	146,019	19,652	16,039
acres treated, 2012	5,351,495	9,616	2,458	165,845	19,067	15,997
Pastureland and rangeland fertilized .....farms, 2017	2,255	5	5	42	26	15
.....farms, 2012	2,313	14	4	61	40	23
acres treated, 2017	39,140	58	299	669	297	356
acres treated, 2012	45,417	192	310	954	1,100	498
Manure .....farms, 2017	9,687	36	30	298	88	83
.....farms, 2012	9,149	38	20	275	109	83
acres treated, 2017	825,365	1,431	490	30,845	3,489	4,677
acres treated, 2012	761,437	2,263	1,210	33,135	4,632	4,100
Organic fertilizer (see text) .....farms, 2017	1,401	3	11	24	12	26
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	82,256	302	34	1,366	475	150
acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	8,158	11	4	288	23	76
.....farms, 2012	11,136	18	14	358	59	85
acres, 2017	2,171,602	964	29	75,043	3,146	11,439
acres, 2012	2,218,992	2,142	353	61,138	4,417	8,839
Weeds, grass, or brush .....farms, 2017	17,875	40	19	464	81	105
.....farms, 2012	21,713	51	27	571	141	156
acres, 2017	5,919,857	9,257	2,267	150,867	19,204	17,932
acres, 2012	5,767,291	7,152	2,169	179,629	17,020	14,430
Nematodes .....farms, 2017	1,573	-	4	59	-	12
.....farms, 2012	2,441	1	3	60	9	21
acres, 2017	407,101	-	22	19,991	-	590
acres, 2012	376,530	(D)	8	5,957	101	1,431
Diseases in crops and orchards .....farms, 2017	4,573	6	9	135	25	50
.....farms, 2012	5,141	5	5	149	35	58
acres, 2017	944,112	654	582	19,416	1,884	8,671
acres, 2012	781,472	192	14	15,119	1,236	3,985
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	1,490	1	2	33	6	39
.....farms, 2012	1,893	5	-	48	11	45
acres on which used, 2017	281,266	(D)	(D)	5,121	1,020	7,454
acres on which used, 2012	230,525	10	-	4,173	481	3,931

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	179	19	356	440	94	497
.....farms, 2012	155	21	326	447	82	574
acres treated, 2017	44,719	3,292	80,531	148,196	5,146	91,405
acres treated, 2012	45,260	2,810	79,304	134,772	5,325	92,511
Cropland fertilized, except cropland pasture .....farms, 2017	176	13	337	438	82	488
.....farms, 2012	151	21	311	443	75	569
acres treated, 2017	44,557	3,149	79,454	148,063	4,744	91,047
acres treated, 2012	45,163	2,810	78,333	134,670	5,114	92,197
Pastureland and rangeland fertilized .....farms, 2017	15	6	50	8	23	28
.....farms, 2012	9	-	43	10	12	24
acres treated, 2017	162	143	1,077	133	402	358
acres treated, 2012	97	-	971	102	211	314
Manure .....farms, 2017	59	18	196	52	62	109
.....farms, 2012	45	16	180	47	22	100
acres treated, 2017	6,072	216	20,742	4,459	890	4,127
acres treated, 2012	6,486	382	23,758	3,620	538	4,065
Organic fertilizer (see text) .....farms, 2017	8	5	31	10	14	25
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	2,756	7	843	347	182	400
acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	51	6	101	173	43	330
.....farms, 2012	75	8	115	228	52	429
acres, 2017	7,589	608	30,043	54,412	3,352	40,179
acres, 2012	11,347	454	33,377	43,576	3,418	49,557
Weeds, grass, or brush .....farms, 2017	150	8	271	402	57	457
.....farms, 2012	145	18	303	460	79	589
acres, 2017	53,108	3,518	82,660	169,234	4,059	95,963
acres, 2012	44,593	2,858	81,750	152,906	5,061	100,490
Nematodes .....farms, 2017	22	-	14	48	4	48
.....farms, 2012	18	1	28	78	12	95
acres, 2017	2,462	-	5,554	5,623	51	8,150
acres, 2012	2,772	(D)	6,331	12,139	95	10,773
Diseases in crops and orchards .....farms, 2017	33	2	48	105	29	218
.....farms, 2012	35	6	28	120	38	260
acres, 2017	6,824	(D)	6,889	14,061	1,909	17,361
acres, 2012	7,455	59	4,825	19,584	2,199	21,980
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	13	-	7	46	17	77
.....farms, 2012	7	4	8	25	23	129
acres on which used, 2017	3,217	-	437	14,204	1,041	4,646
acres on which used, 2012	1,712	24	184	4,743	1,909	10,643

--continued

Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	421	456	381	99	105	91
	2012	482	493	391	122	97	81
acres treated, 2017	160,163	129,588	131,595	7,401	4,508	5,501	
	2012	143,299	124,118	124,301	9,040	5,667	5,647
Cropland fertilized, except cropland pasture	farms, 2017	407	434	377	84	87	85
	2012	477	483	378	108	93	78
acres treated, 2017	159,519	128,764	130,806	7,044	4,059	5,038	
	2012	142,862	123,145	123,310	8,628	4,993	5,455
Pastureland and rangeland fertilized	farms, 2017	43	55	35	21	28	12
	2012	32	45	55	23	19	8
acres treated, 2017	644	824	789	357	449	463	
	2012	437	973	991	412	674	192
Manure	farms, 2017	190	191	135	56	56	68
	2012	175	190	147	59	58	74
acres treated, 2017	15,131	12,481	18,057	1,591	1,395	3,383	
	2012	11,430	17,501	12,556	2,180	3,286	3,320
Organic fertilizer (see text)	farms, 2017	16	25	14	9	14	6
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	519	340	675	140	101	(D)	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--	farms, 2017	149	154	134	33	25	17
	2012	185	219	185	56	40	18
Insects	acres, 2017	66,087	52,495	70,970	2,105	982	1,048
	2012	43,998	45,446	54,865	1,650	1,028	230
Weeds, grass, or brush	farms, 2017	344	393	312	66	58	29
	2012	453	457	362	92	61	51
acres, 2017	172,804	146,616	127,865	4,600	3,394	1,134	
	2012	159,092	148,308	128,657	6,413	2,991	1,484
Nematodes	farms, 2017	25	17	37	14	4	-
	2012	40	39	56	10	7	-
acres, 2017	8,994	4,554	28,621	1,104	6	6	
	2012	9,347	3,734	10,830	84	31	20
Diseases in crops and orchards	farms, 2017	47	52	47	16	11	12
	2012	72	65	73	22	13	7
acres, 2017	20,135	4,984	23,666	495	671	102	
	2012	14,209	11,317	15,606	862	62	21
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	8	7	17	8	4	2
	2012	25	9	20	10	9	3
acres on which used, 2017	3,520	340	5,332	(D)	227	(D)	
	2012	4,948	679	5,547	116	36	(D)

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	118	519	13	76	42	483
	2012	135	556	14	124	56	534
acres treated, 2017	11,137	127,339	223	9,060	2,729	138,517	
	2012	14,062	139,860	238	16,764	4,754	131,223
Cropland fertilized, except cropland pasture	farms, 2017	113	513	5	69	39	457
	2012	131	541	11	115	49	515
acres treated, 2017	10,324	126,974	43	8,336	2,671	137,385	
	2012	13,325	138,999	187	13,982	4,473	129,643
Pastureland and rangeland fertilized	farms, 2017	24	37	8	21	4	65
	2012	26	40	4	33	16	68
acres treated, 2017	813	365	180	724	58	1,132	
	2012	737	861	51	2,782	281	1,580
Manure	farms, 2017	110	209	12	46	20	179
	2012	97	206	8	68	23	207
acres treated, 2017	5,340	25,025	100	3,977	1,062	8,775	
	2012	5,565	22,433	(D)	4,438	1,390	11,640
Organic fertilizer (see text)	farms, 2017	23	30	-	1	4	21
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,327	2,720	-	(D)	8	968	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--	farms, 2017	21	144	-	14	17	141
	2012	28	206	4	39	18	264
Insects	acres, 2017	3,406	39,040	-	1,890	677	40,604
	2012	1,556	58,219	13	2,414	737	47,529
Weeds, grass, or brush	farms, 2017	71	452	7	43	33	412
	2012	98	559	6	98	44	509
acres, 2017	9,942	165,994	82	7,305	1,714	145,776	
	2012	10,413	165,371	30	10,161	2,933	146,976
Nematodes	farms, 2017	5	17	-	-	3	28
	2012	7	47	1	6	6	36
acres, 2017	641	2,467	-	-	(D)	5,120	
	2012	59	4,477	(D)	274	387	3,966
Diseases in crops and orchards	farms, 2017	12	66	-	9	5	64
	2012	14	86	1	22	11	57
acres, 2017	233	8,103	-	388	343	11,276	
	2012	537	16,000	(D)	1,298	572	8,688
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	4	10	-	5	5	4
	2012	7	14	-	14	6	15
acres on which used, 2017	(D)	468	-	311	341	32	
	2012	(D)	613	-	499	(D)	396

--continued

Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	111	333	153	7	252	489
2012	116	333	173	11	255	487
acres treated, 2017	4,602	75,763	16,853	90	23,212	191,822
2012	4,876	75,541	20,251	712	24,351	201,967
Cropland fertilized, except cropland pasture .....farms, 2017	105	289	145	5	243	489
2012	102	316	167	11	247	475
acres treated, 2017	4,309	75,147	16,332	(D)	22,814	(D)
2012	4,532	75,053	19,428	(D)	23,180	201,296
Pastureland and rangeland fertilized .....farms, 2017	14	57	28	2	25	4
2012	22	30	36	2	23	20
acres treated, 2017	293	616	521	(D)	398	(D)
2012	344	488	823	(D)	1,171	671
Manure .....farms, 2017	73	138	86	20	70	142
2012	75	101	87	13	98	159
acres treated, 2017	2,527	7,148	3,129	193	1,697	32,116
2012	1,390	6,865	3,940	210	5,163	28,097
Organic fertilizer (see text) .....farms, 2017	32	16	9	2	23	15
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	176	376	179	(D)	512	1,114
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	29	83	20	2	137	188
2012	42	137	42	1	180	206
acres, 2017	548	11,150	4,341	(D)	8,643	67,922
2012	1,220	21,123	3,888	(D)	8,449	65,157
Weeds, grass, or brush .....farms, 2017	43	257	107	2	208	444
2012	89	321	131	6	229	469
acres, 2017	1,739	86,056	18,046	(D)	19,111	225,767
2012	3,084	79,653	15,913	516	19,610	219,385
Nematodes .....farms, 2017	6	37	5	-	29	33
2012	5	33	6	-	52	39
acres, 2017	37	6,908	1,230	-	439	9,428
2012	(D)	3,784	433	-	1,464	11,480
Diseases in crops and orchards .....farms, 2017	21	37	19	-	134	74
2012	23	57	16	-	142	78
acres, 2017	92	2,612	3,812	-	6,870	17,661
2012	123	5,417	1,773	-	6,634	18,317
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	3	10	6	-	67	12
2012	4	18	5	-	97	16
acres on which used, 2017	27	93	742	-	4,199	3,357
2012	29	861	(D)	-	6,249	3,756
Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	469	61	720	381	545	85
2012	540	71	731	417	540	106
acres treated, 2017	160,645	2,456	355,207	113,782	153,057	9,815
2012	148,098	2,401	321,755	129,050	157,333	11,051
Cropland fertilized, except cropland pasture .....farms, 2017	459	55	717	352	512	78
2012	524	66	719	391	524	97
acres treated, 2017	159,773	2,257	355,057	113,130	152,015	9,585
2012	147,141	2,258	321,372	128,311	156,340	10,837
Pastureland and rangeland fertilized .....farms, 2017	42	14	15	50	57	13
2012	59	11	30	48	45	15
acres treated, 2017	872	199	150	652	1,042	230
2012	957	143	383	739	993	214
Manure .....farms, 2017	224	59	268	204	260	45
2012	212	38	289	149	271	54
acres treated, 2017	20,346	1,255	68,857	14,116	34,080	2,877
2012	16,535	1,604	59,570	10,659	35,984	3,569
Organic fertilizer (see text) .....farms, 2017	32	9	20	29	28	10
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	2,045	9	2,277	2,511	5,262	76
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	143	12	369	112	201	9
2012	239	31	452	145	295	24
acres, 2017	48,153	256	217,518	33,591	46,446	(D)
2012	56,064	211	189,723	31,439	58,402	1,048
Weeds, grass, or brush .....farms, 2017	401	22	673	314	459	42
2012	527	48	732	393	535	71
acres, 2017	169,872	338	396,348	128,006	170,486	8,008
2012	160,592	1,548	357,488	143,626	165,484	9,229
Nematodes .....farms, 2017	37	1	103	19	30	1
2012	64	10	107	21	43	4
acres, 2017	17,990	(D)	28,209	1,468	8,860	(D)
2012	12,454	101	24,686	1,520	9,753	12
Diseases in crops and orchards .....farms, 2017	54	3	276	59	77	8
2012	60	15	219	58	98	11
acres, 2017	18,495	3	135,769	12,738	11,623	(D)
2012	6,427	112	77,195	8,084	15,299	467
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	5	2	149	7	14	-
2012	11	7	130	14	13	3
acres on which used, 2017	104	(D)	57,427	841	1,558	-
2012	438	88	27,612	355	1,665	45

--continued

Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Commercial fertilizer, lime, and soil conditioners farms, 2017	36	495	359	325	78	492
..... 2012	34	420	418	326	76	528
..... acres treated, 2017	2,852	112,906	93,672	85,603	5,877	94,704
..... 2012	2,516	100,308	100,468	87,688	5,472	84,666
Cropland fertilized, except cropland pasture farms, 2017	33	473	329	290	71	451
..... 2012	33	403	403	301	65	487
..... acres treated, 2017	2,752	112,167	91,877	85,098	5,515	93,648
..... 2012	(D)	99,107	99,076	87,256	5,051	83,376
Pastureland and rangeland fertilized farms, 2017	5	45	55	54	14	71
..... 2012	2	41	49	42	16	73
..... acres treated, 2017	100	739	1,795	505	362	1,056
..... 2012	(D)	1,201	1,392	432	421	1,290
Manure farms, 2017	8	204	192	135	47	195
..... 2012	9	213	153	118	28	209
..... acres treated, 2017	87	16,677	11,608	12,843	1,071	13,110
..... 2012	215	16,929	10,156	9,560	607	15,858
Organic fertilizer (see text) farms, 2017	-	26	23	24	16	21
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	-	4,456	828	3,400	298	2,158
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects farms, 2017	9	111	121	167	20	224
..... 2012	8	129	201	195	24	310
..... acres, 2017	555	30,399	36,583	46,499	1,554	44,268
..... 2012	583	36,639	51,671	51,042	2,065	52,283
Weeds, grass, or brush farms, 2017	18	378	297	253	36	366
..... 2012	20	389	367	308	44	480
..... acres, 2017	1,453	112,743	96,713	98,491	4,659	91,612
..... 2012	1,695	109,026	104,488	95,374	4,924	89,345
Nematodes farms, 2017	5	17	30	31	4	21
..... 2012	4	22	27	33	5	48
..... acres, 2017	561	1,968	15,667	5,512	833	7,048
..... 2012	262	18,228	13,536	4,196	1,714	9,479
Diseases in crops and orchards farms, 2017	6	41	50	77	11	161
..... 2012	7	75	58	84	12	170
..... acres, 2017	612	11,555	15,228	18,330	2,453	17,395
..... 2012	423	15,021	9,860	23,423	2,041	19,616
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	4	15	-	56	3	78
..... 2012	4	10	12	52	5	85
..... acres on which used, 2017	494	2,521	-	5,410	1,661	8,142
..... 2012	262	1,873	737	3,657	1,715	9,182

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Commercial fertilizer, lime, and soil conditioners farms, 2017	3	58	404	271	695	227
..... 2012	-	51	471	265	684	282
..... acres treated, 2017	54	4,482	94,323	21,021	249,992	46,613
..... 2012	-	4,645	95,096	19,024	204,988	42,737
Cropland fertilized, except cropland pasture farms, 2017	-	58	368	261	674	210
..... 2012	-	42	448	253	676	252
..... acres treated, 2017	-	4,286	93,901	20,508	249,343	46,416
..... 2012	-	4,296	94,636	18,628	204,481	42,358
Pastureland and rangeland fertilized farms, 2017	3	13	49	27	40	24
..... 2012	-	13	49	21	39	37
..... acres treated, 2017	54	196	422	513	649	197
..... 2012	-	349	460	396	507	379
Manure farms, 2017	-	39	238	96	191	120
..... 2012	2	42	206	83	160	105
..... acres treated, 2017	-	2,475	11,535	1,871	17,932	4,103
..... 2012	(D)	2,222	12,224	2,298	18,886	5,908
Organic fertilizer (see text) farms, 2017	-	-	21	41	15	14
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	-	-	1,132	449	(D)	35
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects farms, 2017	-	5	126	188	248	65
..... 2012	-	10	178	231	341	114
..... acres, 2017	-	786	31,532	15,248	81,523	14,107
..... 2012	-	129	21,213	15,458	88,974	12,934
Weeds, grass, or brush farms, 2017	-	30	345	216	632	209
..... 2012	-	46	448	268	676	253
..... acres, 2017	-	2,506	102,809	17,537	279,504	47,991
..... 2012	-	4,095	103,406	17,731	230,121	47,199
Nematodes farms, 2017	-	6	28	37	25	13
..... 2012	-	1	38	58	67	27
..... acres, 2017	-	18	6,070	3,288	13,012	515
..... 2012	-	(D)	2,594	2,599	15,753	1,951
Diseases in crops and orchards farms, 2017	-	1	51	160	145	38
..... 2012	-	1	83	185	131	51
..... acres, 2017	-	(D)	9,771	12,611	55,616	2,195
..... 2012	-	(D)	9,694	12,159	27,936	3,005
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	-	1	7	103	22	11
..... 2012	-	2	27	152	7	7
..... acres on which used, 2017	-	(D)	541	9,706	2,338	221
..... 2012	-	(D)	2,224	12,085	1,761	29

--continued

Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	18	23	227	124	55	213
	2012	10	28	244	122	58	193
acres treated, 2017	680	2,845	44,384	8,013	3,948	43,184	
	2012	1,023	2,704	42,932	8,385	3,918	36,761
Cropland fertilized, except cropland pasture	farms, 2017	14	20	218	103	51	199
	2012	10	20	240	116	49	186
acres treated, 2017	662	2,606	44,217	7,791	3,859	42,576	
	2012	1,023	2,344	42,801	8,197	3,621	36,352
Pastureland and rangeland fertilized	farms, 2017	4	6	15	23	9	28
	2012	-	12	13	13	17	19
acres treated, 2017	18	239	167	222	89	608	
	2012	-	360	131	188	297	409
Manure	farms, 2017	9	30	57	84	41	91
	2012	10	28	52	60	31	74
acres treated, 2017	87	2,545	1,347	4,115	3,469	11,178	
	2012	198	1,727	1,458	1,172	1,427	8,546
Organic fertilizer (see text)	farms, 2017	1	7	11	20	7	20
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	(D)	31	38	2,610	14	1,339	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	
Acres treated to control--							
Insects	farms, 2017	3	4	87	47	3	103
	2012	5	3	127	22	3	108
acres, 2017	(D)	155	12,338	4,991	3	21,492	
	2012	(D)	25	16,118	2,243	467	18,024
Weeds, grass, or brush	farms, 2017	7	18	193	70	17	178
	2012	8	23	239	114	30	181
acres, 2017	572	1,140	57,835	8,470	2,492	38,913	
	2012	894	1,823	48,877	7,326	1,584	36,573
Nematodes	farms, 2017	1	4	18	5	1	13
	2012	-	2	39	16	9	16
acres, 2017	(D)	26	3,680	81	(D)	501	
	2012	-	(D)	5,091	201	25	639
Diseases in crops and orchards	farms, 2017	6	4	50	18	1	56
	2012	4	2	74	29	12	55
acres, 2017	(D)	150	6,234	593	(D)	8,917	
	2012	(D)	(D)	3,987	1,122	229	9,596
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	-	-	18	12	-	13
	2012	-	-	19	13	-	13
acres on which used, 2017	-	-	554	701	-	2,093	
	2012	-	-	1,114	622	-	2,959

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	301	149	236	170	585	479
	2012	318	167	248	171	647	525
acres treated, 2017	48,302	22,621	47,671	58,294	157,471	146,507	
	2012	49,243	29,046	44,054	48,620	156,596	135,536
Cropland fertilized, except cropland pasture	farms, 2017	281	141	217	158	573	453
	2012	306	165	235	157	632	503
acres treated, 2017	46,469	21,988	47,024	58,048	157,276	145,585	
	2012	48,150	28,252	43,652	47,559	156,361	134,373
Pastureland and rangeland fertilized	farms, 2017	55	24	31	22	26	56
	2012	34	21	25	27	32	60
acres treated, 2017	1,833	633	647	246	195	922	
	2012	1,093	794	402	1,061	235	1,163
Manure	farms, 2017	224	92	95	114	99	235
	2012	178	97	66	117	83	225
acres treated, 2017	15,280	9,902	2,421	28,190	1,975	18,923	
	2012	11,415	10,771	2,489	25,803	5,582	19,973
Organic fertilizer (see text)	farms, 2017	20	12	15	13	20	23
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	695	(D)	706	780	861	656	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	
Acres treated to control--							
Insects	farms, 2017	42	17	75	55	207	163
	2012	75	26	90	79	344	207
acres, 2017	17,347	2,891	21,055	15,168	45,329	77,358	
	2012	15,564	3,745	18,402	22,630	68,166	60,506
Weeds, grass, or brush	farms, 2017	219	102	184	129	526	369
	2012	287	136	226	162	663	463
acres, 2017	42,887	13,936	53,326	39,417	174,248	148,422	
	2012	42,831	22,401	52,152	37,788	179,572	139,887
Nematodes	farms, 2017	6	3	15	8	62	26
	2012	19	5	12	9	96	41
acres, 2017	5,635	(D)	1,235	691	17,695	23,026	
	2012	5,396	70	153	1,694	20,956	18,629
Diseases in crops and orchards	farms, 2017	29	8	46	25	120	76
	2012	33	11	29	26	133	86
acres, 2017	9,349	(D)	12,557	3,638	26,589	33,432	
	2012	5,653	147	6,224	4,636	28,008	30,474
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	5	-	12	-	19	25
	2012	9	1	11	4	21	41
acres on which used, 2017	6,611	-	645	-	5,442	24,758	
	2012	2,345	(D)	84	(D)	11,101	19,371

--continued

Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	55	194	373	133	280	117
	2012	42	210	399	113	327	125
acres treated, 2017	7,034	25,208	67,948	7,376	65,046	28,756	
	2012	5,831	34,121	55,083	8,696	58,263	25,986
Cropland fertilized, except cropland pasture	farms, 2017	52	178	345	110	265	112
	2012	36	199	377	84	314	123
acres treated, 2017	6,989	24,915	67,158	6,920	64,662	28,558	
	2012	5,628	33,874	54,408	8,183	57,862	25,641
Pastureland and rangeland fertilized	farms, 2017	3	24	60	27	18	7
	2012	10	23	39	34	30	5
acres treated, 2017	45	293	790	456	384	198	
	2012	203	247	675	513	401	345
Manure	farms, 2017	30	97	235	68	114	95
	2012	28	97	223	73	134	73
acres treated, 2017	892	6,509	20,667	1,249	16,914	9,948	
	2012	1,302	6,437	19,187	3,122	11,010	9,600
Organic fertilizer (see text)	farms, 2017	3	21	36	18	15	3
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	(D)	590	1,354	74	655	106	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
	Insects	farms, 2017	1	82	118	46	182	12
2012	14	108	134	61	229	28	
	(D)	10,236	22,724	1,841	41,148	5,780	
acres, 2017	1,551	13,723	20,382	2,633	41,243	7,989	
	2012	43	125	243	108	225	93
Weeds, grass, or brush	farms, 2017	31	175	312	108	305	92
	2012	6,869	27,878	55,784	7,487	60,575	21,062
acres, 2017	5,154	35,593	50,593	8,973	58,707	20,182	
	2012	-	10	11	1	40	7
Nematodes	farms, 2017	-	23	23	11	62	2
	2012	-	839	738	(D)	3,768	833
acres, 2017	-	1,004	4,209	156	5,851	(D)	
	2012	-	-	-	-	-	-
Diseases in crops and orchards	farms, 2017	1	60	51	19	132	8
	2012	2	53	54	23	155	10
acres, 2017	(D)	6,184	12,060	521	26,752	5,433	
	2012	(D)	5,508	7,572	777	22,089	2,578
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	1	10	14	6	53	1
	2012	2	14	23	6	87	5
acres on which used, 2017	(D)	1,469	1,730	256	9,006	(D)	
	2012	(D)	2,134	3,103	(D)	15,422	(D)
Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	13	209	56	69	624	130
	2012	18	242	45	65	738	125
acres treated, 2017	1,033	27,914	2,917	6,510	104,657	19,804	
	2012	761	26,034	3,845	5,436	107,013	23,612
Cropland fertilized, except cropland pasture	farms, 2017	12	194	37	67	595	127
	2012	16	237	40	55	713	114
acres treated, 2017	(D)	27,167	2,237	6,365	104,062	19,008	
	2012	(D)	25,223	3,552	4,982	106,254	23,178
Pastureland and rangeland fertilized	farms, 2017	2	42	22	5	62	11
	2012	3	35	17	13	74	16
acres treated, 2017	(D)	747	680	145	595	796	
	2012	(D)	811	293	454	759	434
Manure	farms, 2017	16	150	59	38	294	64
	2012	14	165	45	35	319	66
acres treated, 2017	1,464	12,885	2,561	692	27,150	3,618	
	2012	632	13,461	2,121	905	29,282	3,467
Organic fertilizer (see text)	farms, 2017	-	8	18	12	19	6
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	-	247	1,243	76	480	111	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
	Insects	farms, 2017	5	29	19	21	322	39
2012	6	56	9	20	460	48	
	252	5,480	37	2,627	57,814	6,855	
acres, 2017	111	3,828	(D)	1,509	52,046	10,094	
	2012	7	111	23	41	476	109
Weeds, grass, or brush	farms, 2017	12	170	34	52	659	115
	2012	276	22,993	1,031	5,819	95,309	21,015
acres, 2017	293	16,632	1,681	4,604	108,677	25,167	
	2012	-	3	-	1	41	1
Nematodes	farms, 2017	4	17	3	7	106	6
	2012	-	(D)	-	(D)	6,317	(D)
acres, 2017	-	918	23	(D)	8,765	(D)	
	2012	46	-	-	-	-	-
Diseases in crops and orchards	farms, 2017	-	17	2	7	185	10
	2012	4	24	3	14	239	18
acres, 2017	-	(D)	(D)	749	13,500	838	
	2012	46	618	23	1,373	21,343	3,476
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	-	1	-	-	65	4
	2012	1	7	1	5	90	11
acres on which used, 2017	-	(D)	-	-	4,499	(D)	
	2012	(D)	(D)	(D)	(D)	5,598	1,650

--continued

Table 40. **Fertilizers and Chemicals Applied: 2017 and 2012** (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	6	735	499	498	800	26
	2012	11	748	488	530	850	17
acres treated	2017	56	230,925	103,699	169,751	294,598	1,111
	2012	435	217,849	112,784	154,109	292,965	929
Cropland fertilized, except cropland pasture	farms, 2017	3	728	476	477	783	26
	2012	8	741	477	502	829	16
acres treated	2017	(D)	230,821	102,983	169,355	293,610	1,079
	2012	341	217,736	112,285	153,338	291,803	(D)
Pastureland and rangeland fertilized	farms, 2017	3	7	44	52	49	7
	2012	4	17	37	77	56	2
acres treated	2017	(D)	104	716	396	988	32
	2012	94	113	499	771	1,162	(D)
Manure	farms, 2017	12	134	174	251	402	14
	2012	13	114	153	207	355	8
acres treated	2017	203	7,674	4,384	24,506	58,068	260
	2012	280	7,816	4,763	18,672	45,165	251
Organic fertilizer (see text)	farms, 2017	-	13	14	38	64	-
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated	2017	-	1,461	378	2,817	3,642	-
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control-- Insects	farms, 2017	-	261	116	255	301	7
	2012	3	305	171	302	384	16
acres	2017	-	103,999	15,089	117,057	95,479	90
	2012	6	65,338	24,436	109,006	132,792	527
Weeds, grass, or brush	farms, 2017	2	673	456	395	720	24
	2012	6	748	490	449	800	21
acres	2017	(D)	263,375	129,701	188,298	332,766	1,872
	2012	91	241,146	125,533	166,024	333,894	1,290
Nematodes	farms, 2017	1	77	23	55	78	-
	2012	1	112	45	55	70	4
acres	2017	(D)	27,561	8,588	17,875	20,139	-
	2012	(D)	11,912	9,948	15,706	10,481	19
Diseases in crops and orchards	farms, 2017	-	185	62	119	198	7
	2012	3	152	73	128	151	6
acres	2017	-	67,012	10,884	53,469	50,322	1,296
	2012	34	26,791	7,105	47,154	48,620	278
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	-	29	13	48	91	3
	2012	2	30	11	32	52	3
acres on which used	2017	-	2,833	150	20,899	18,995	357
	2012	(D)	4,327	196	12,656	6,613	134

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	457	700	514	526	104	91
	2012	524	676	577	521	125	120
acres treated	2017	138,576	202,147	82,807	112,116	5,976	11,296
	2012	149,166	200,882	98,375	99,657	7,350	8,926
Cropland fertilized, except cropland pasture	farms, 2017	441	675	484	495	94	84
	2012	512	653	559	497	117	115
acres treated	2017	138,304	201,058	82,216	110,985	5,878	11,050
	2012	148,998	199,703	97,790	99,211	7,292	8,683
Pastureland and rangeland fertilized	farms, 2017	26	65	48	50	10	15
	2012	29	72	46	38	12	19
acres treated	2017	272	1,089	591	1,131	98	246
	2012	168	1,179	585	446	58	243
Manure	farms, 2017	180	280	133	237	21	61
	2012	178	240	116	234	48	69
acres treated	2017	14,916	38,057	5,035	10,922	129	1,822
	2012	8,496	20,317	5,227	8,598	355	1,816
Organic fertilizer (see text)	farms, 2017	11	76	18	56	14	11
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated	2017	801	13,044	417	1,897	19	750
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control-- Insects	farms, 2017	91	248	380	208	39	26
	2012	227	298	460	295	66	55
acres	2017	26,344	83,628	59,436	41,908	2,329	4,211
	2012	45,537	95,406	64,113	48,089	2,377	3,430
Weeds, grass, or brush	farms, 2017	427	563	443	411	61	58
	2012	517	630	569	503	107	96
acres	2017	157,933	233,012	94,298	119,409	6,087	10,240
	2012	161,846	231,974	100,058	107,766	8,736	6,550
Nematodes	farms, 2017	28	31	76	43	5	-
	2012	34	59	139	68	19	6
acres	2017	4,960	9,044	17,073	11,488	300	-
	2012	6,506	8,164	20,949	8,167	598	32
Diseases in crops and orchards	farms, 2017	45	150	240	96	25	11
	2012	76	157	305	128	35	18
acres	2017	10,930	37,699	26,434	9,536	785	303
	2012	9,769	39,904	22,745	12,991	716	356
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	11	71	55	8	9	3
	2012	18	59	143	14	9	8
acres on which used	2017	1,216	21,725	7,581	321	62	(D)
	2012	1,662	11,525	8,092	206	94	117

Table 41. Land Use Practices: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	
Land drained by tile farms, 2017	12,704	23	-	305	41	18	
	2012	13,140	18	341	39	34	
	acres, 2017	3,029,891	2,754	-	47,420	3,620	535
Average per farm acres, 2017	2,583,727	3,090	(D)	40,574	2,415	1,370	
	2012	238	120	155	88	30	
	2012	197	172	(D)	119	62	40
Land artificially drained by ditches farms, 2017	8,363	34	3	248	25	12	
	2012	9,545	30	2	300	61	6
	acres, 2017	1,055,439	1,085	3	28,611	940	250
Average per farm acres, 2017	1,212,253	1,495	(D)	32,348	2,798	164	
	2012	126	32	1	115	38	21
	2012	127	50	(D)	108	46	27
Land under conservation easement farms, 2017	974	-	4	21	1	5	
	2012	1,993	3	-	7	10	
	acres, 2017	72,425	-	20	807	(D)	642
Average per farm acres, 2017	125,856	235	-	1,313	237	706	
	2012	74	-	5	38	(D)	128
	2012	63	78	-	53	34	71
Cropland on which no-till practices were used farms, 2017	8,174	15	26	213	24	44	
	2012	8,015	13	9	176	49	22
	acres, 2017	1,566,334	820	365	33,185	5,364	2,571
Average per farm acres, 2017	1,518,492	1,571	836	49,121	5,615	1,418	
	2012	192	55	14	156	224	58
	2012	189	121	93	279	115	64
Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	7,720	9	6	235	34	37	
	2012	6,333	8	5	180	31	26
	acres, 2017	2,297,131	2,933	105	73,454	9,074	3,361
Average per farm acres, 2017	1,775,246	3,456	44	67,928	4,778	3,120	
	2012	298	326	18	313	267	91
	2012	280	432	9	377	154	120
Cropland on which intensive tillage practices were used (see text) farms, 2017	11,727	57	20	258	116	80	
	2012	15,943	62	18	379	153	103
	acres, 2017	2,343,703	6,689	1,037	46,397	7,944	4,164
Average per farm acres, 2017	2,595,097	4,134	726	65,678	9,017	5,589	
	2012	200	117	52	180	68	52
	2012	163	67	40	173	59	54
Cropland planted to a cover crop (excluding CRP) farms, 2017	6,275	23	28	159	51	67	
	2012	5,530	30	9	159	69	69
	acres, 2017	673,205	786	240	15,899	1,050	1,683
Average per farm acres, 2017	437,200	984	65	10,565	2,389	2,500	
	2012	107	34	9	100	21	25
	2012	79	33	7	66	35	36

--continued

Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Land drained by tile .....farms, 2017	161	2	141	445	1	193
	136	2	145	453	3	282
	46,375	(D)	24,078	154,009	(D)	22,167
Average per farm .....acres, 2017	37,566	(D)	20,944	120,872	123	21,657
	288	(D)	171	346	(D)	115
	2012	276	(D)	144	267	41	77
Land artificially drained by ditches .....farms, 2017	131	8	68	229	2	133
	100	12	67	280	3	168
	9,527	767	9,523	31,884	(D)	6,481
Average per farm .....acres, 2017	7,923	606	6,458	31,715	100	11,240
	73	96	140	139	(D)	49
	2012	79	51	96	113	33	67
Land under conservation easement .....farms, 2017	22	1	22	10	2	5
	47	-	36	60	3	22
	864	(D)	1,648	324	(D)	51
Average per farm .....acres, 2017	1,360	-	2,441	1,852	443	444
	39	(D)	75	32	(D)	10
	2012	29	-	68	31	148	20
Cropland on which no-till practices were used .....farms, 2017	29	6	148	84	26	209
	27	4	126	70	20	183
	3,541	782	35,781	7,428	404	51,551
Average per farm .....acres, 2017	3,298	592	27,669	7,564	302	39,354
	122	130	242	88	16	247
	2012	122	148	220	108	15	215
Cropland on which reduced tillage, excluding no-till, practices were used (see text) .....farms, 2017	50	4	127	149	18	127
	46	1	111	122	13	109
	25,707	20	31,107	62,765	1,239	27,450
Average per farm .....acres, 2017	14,487	(D)	34,144	50,940	1,053	26,880
	514	5	245	421	69	216
	2012	315	(D)	308	418	81	247
Cropland on which intensive tillage practices were used (see text) .....farms, 2017	126	23	146	369	28	175
	141	28	214	412	46	336
	27,268	3,295	19,008	108,554	775	18,386
Average per farm .....acres, 2017	29,184	2,652	22,666	102,939	1,610	31,048
	216	143	130	294	28	105
	2012	207	95	106	250	35	92
Cropland planted to a cover crop (excluding CRP) .....farms, 2017	53	7	72	128	42	126
	38	9	80	118	41	142
	2,968	(D)	8,056	28,743	653	8,385
Average per farm .....acres, 2017	3,137	415	7,886	11,654	535	7,113
	56	(D)	112	225	16	67
	2012	83	46	99	99	13	50

--continued

Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Land drained by tile	farms, 2017	196	119	46	8	11
	2012	237	127	49	15	7
	acres, 2017	46,169	14,376	4,846	331	1,048
Average per farm	2012	35,716	11,920	3,489	761	506
	acres, 2017	236	121	105	41	95
	2012	151	94	71	51	72
Land artificially drained by ditches	farms, 2017	147	161	53	4	34
	2012	188	164	55	14	35
	acres, 2017	16,865	10,555	5,046	144	1,882
Average per farm	2012	13,175	11,256	3,488	203	2,200
	acres, 2017	115	66	95	36	55
	2012	70	69	63	15	63
Land under conservation easement	farms, 2017	6	17	5	13	2
	2012	37	46	13	16	6
	acres, 2017	116	713	(D)	1,216	(D)
Average per farm	2012	1,319	3,098	788	1,505	841
	acres, 2017	19	42	(D)	94	(D)
	2012	36	67	61	94	140
Cropland on which no-till practices were used	farms, 2017	163	252	197	20	14
	2012	208	263	190	27	4
	acres, 2017	47,845	82,140	50,565	764	1,048
Average per farm	2012	51,066	76,821	49,719	332	26
	acres, 2017	294	326	257	38	75
	2012	246	292	262	12	7
Cropland on which reduced tillage, excluding no-till, practices were used (see text)	farms, 2017	205	204	155	20	13
	2012	141	204	120	15	11
	acres, 2017	81,371	54,358	68,902	2,331	1,022
Average per farm	2012	53,306	47,450	45,883	2,383	1,231
	acres, 2017	397	266	445	117	79
	2012	378	233	382	159	112
Cropland on which intensive tillage practices were used (see text)	farms, 2017	190	135	118	48	50
	2012	306	192	186	83	54
	acres, 2017	55,815	18,609	27,745	1,776	2,098
Average per farm	2012	67,628	27,668	34,813	3,021	1,668
	acres, 2017	294	138	235	37	42
	2012	221	144	187	36	31
Cropland planted to a cover crop (excluding CRP)	farms, 2017	80	99	72	35	41
	2012	74	84	59	34	23
	acres, 2017	11,318	5,585	14,775	342	547
Average per farm	2012	10,240	4,684	8,517	677	366
	acres, 2017	141	56	205	10	13
	2012	138	56	144	20	16

--continued

Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Land drained by tile .....farms, 2017	62	425	2	4	12	386
	80	453	-	8	7	425
	4,176	83,785	(D)	235	475	90,963
.....acres, 2017	5,005	76,367	-	280	229	68,263
	67	197	(D)	59	40	236
	63	169	-	35	33	161
Land artificially drained by ditches .....farms, 2017	53	207	-	21	13	160
	41	227	2	20	6	164
	2,469	20,062	-	879	242	15,305
.....acres, 2017	2,294	19,795	(D)	684	151	21,112
	47	97	-	42	19	96
	56	87	(D)	34	25	129
Land under conservation easement .....farms, 2017	4	33	-	3	1	15
	4	60	-	4	1	37
	470	1,065	-	330	(D)	423
.....acres, 2017	223	1,946	-	62	(D)	2,720
	118	32	-	110	(D)	28
	56	32	-	16	(D)	74
Average per farm .....acres, 2017						
Cropland on which no-till practices were used .....farms, 2017	15	228	-	19	1	264
	21	283	-	19	10	318
	825	42,902	-	706	(D)	73,113
.....acres, 2017	1,706	49,393	-	1,179	209	74,478
	55	188	-	37	(D)	277
	81	175	-	62	21	234
Average per farm .....acres, 2012						
Cropland on which reduced tillage, excluding no-till, practices were used (see text) .....farms, 2017	28	196	-	21	5	185
	30	178	2	22	10	159
	5,757	63,283	-	2,086	359	47,853
.....acres, 2017	4,439	49,454	(D)	2,307	1,088	29,862
	206	323	-	99	72	259
	148	278	(D)	105	109	188
Average per farm .....acres, 2012						
Cropland on which intensive tillage practices were used (see text) .....farms, 2017	107	270	2	59	33	237
	103	364	6	79	42	349
	4,371	63,860	(D)	5,690	1,502	37,826
.....acres, 2017	3,872	74,780	(D)	6,565	2,326	49,134
	41	237	(D)	96	46	160
	38	205	(D)	83	55	141
Average per farm .....acres, 2012						
Cropland planted to a cover crop (excluding CRP) .....farms, 2017	26	120	2	38	28	82
	31	96	5	30	15	99
	380	9,679	(D)	1,805	654	9,003
.....acres, 2017	1,376	6,229	(D)	1,212	461	4,805
	15	81	(D)	48	23	110
	44	65	(D)	40	31	49
Average per farm .....acres, 2012						

--continued

Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot	
Land drained by tile farms, 2017	16	201	128	-	16	463	
	2012	10	228	1	33	485	
	acres, 2017	199	25,883	16,136	-	322	167,988
Average per farm acres, 2017	328	27,684	12,647	(D)	741	169,376	
	2012	12	129	-	20	363	
	2012	33	121	118	(D)	22	349
Land artificially drained by ditches farms, 2017	11	108	103	8	23	141	
	2012	12	190	123	9	3	171
	acres, 2017	528	14,039	9,567	274	400	42,400
Average per farm acres, 2017	329	17,027	8,911	452	(D)	49,478	
	2012	48	130	93	34	17	301
	2012	27	90	72	50	(D)	289
Land under conservation easement farms, 2017	5	6	5	-	26	18	
	2012	9	9	31	-	31	75
	acres, 2017	555	442	417	-	1,849	597
Average per farm acres, 2017	703	394	1,223	-	3,033	2,835	
	2012	111	74	83	-	71	33
	2012	78	44	39	-	98	38
Cropland on which no-till practices were used farms, 2017	38	117	41	-	68	274	
	2012	11	84	25	4	52	249
	acres, 2017	324	17,696	2,480	-	3,467	74,109
Average per farm acres, 2017	586	14,572	1,518	236	4,466	64,713	
	2012	9	151	60	-	51	270
	2012	53	173	61	59	86	260
Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	45	125	25	-	58	200	
	2012	9	88	26	3	31	148
	acres, 2017	2,256	38,071	3,712	-	4,276	78,759
Average per farm acres, 2017	601	29,983	6,514	233	3,185	50,847	
	2012	50	305	148	-	74	394
	2012	67	341	251	78	103	344
Cropland on which intensive tillage practices were used (see text) farms, 2017	63	185	139	7	56	265	
	2012	88	268	168	8	127	346
	acres, 2017	2,227	32,554	13,274	54	6,219	90,849
Average per farm acres, 2017	2,092	41,535	10,829	81	6,237	111,713	
	2012	35	176	95	8	111	343
	2012	24	155	64	10	49	323
Cropland planted to a cover crop (excluding CRP) farms, 2017	56	91	48	3	90	62	
	2012	30	59	56	6	98	77
	acres, 2017	803	9,334	1,656	42	2,519	11,670
Average per farm acres, 2017	450	3,858	1,001	80	3,663	12,028	
	2012	14	103	35	14	28	188
	2012	15	65	18	13	37	156

--continued

Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Land drained by tile .....farms, 2017	430	10	730	341	346	56
	469	9	735	336	373	48
	88,866	82	354,808	75,892	80,110	6,973
Average per farm .....acres, 2017	70,175	90	308,276	68,317	61,053	5,289
	207	8	486	223	232	125
	150	10	419	203	164	110
Land artificially drained by ditches .....farms, 2017	143	33	324	149	127	41
	153	32	414	181	154	73
	10,420	2,368	88,307	16,756	14,610	2,810
Average per farm .....acres, 2017	17,353	1,784	97,012	20,645	21,191	3,063
	73	72	273	112	115	69
	2012	113	234	114	138	42
Land under conservation easement .....farms, 2017	41	2	46	6	15	2
	82	5	117	28	31	7
	2,678	(D)	6,000	927	537	(D)
Average per farm .....acres, 2017	5,359	1,486	8,326	2,166	1,108	89
	65	(D)	130	155	36	(D)
	2012	65	297	71	36	13
Cropland on which no-till practices were used .....farms, 2017	266	4	227	127	262	11
	254	8	226	125	258	9
	64,611	61	41,839	31,202	39,943	574
Average per farm .....acres, 2017	68,456	43	40,419	34,284	32,765	153
	243	15	184	246	152	52
	2012	270	5	179	274	127
Cropland on which reduced tillage, excluding no-till, practices were used (see text) .....farms, 2017	268	18	301	166	224	26
	190	-	228	145	158	16
	72,687	298	165,837	59,560	71,585	3,672
Average per farm .....acres, 2017	60,660	-	116,510	50,113	71,702	2,051
	271	17	551	359	320	141
	2012	319	-	511	346	454
Cropland on which intensive tillage practices were used (see text) .....farms, 2017	249	67	455	153	193	56
	337	47	577	277	388	77
	39,732	3,233	198,051	42,330	57,658	6,312
Average per farm .....acres, 2017	35,804	1,973	204,264	62,725	62,980	7,698
	160	48	435	277	299	113
	2012	106	42	354	226	162
Cropland planted to a cover crop (excluding CRP) .....farms, 2017	125	37	288	90	130	22
	101	33	240	68	102	20
	13,829	1,146	102,744	5,963	10,274	918
Average per farm .....acres, 2017	5,935	390	51,694	4,784	6,066	927
	111	31	357	66	79	42
	2012	59	12	215	70	59

--continued

Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Land drained by tile farms, 2017	2	330	89	37	1	255
	-	320	120	50	1	265
	(D)	70,154	12,458	3,371	(D)	35,666
	-	50,666	9,263	3,662	(D)	32,611
Average per farm acres, 2017	(D)	213	140	91	(D)	140
	-	158	77	73	(D)	123
	2	124	79	57	2	133
	2	103	95	76	-	145
Land artificially drained by ditches farms, 2017	(D)	6,328	6,239	2,936	(D)	5,741
	(D)	8,237	6,271	4,224	-	6,508
	(D)	51	79	52	(D)	43
	(D)	80	66	56	-	45
Land under conservation easement farms, 2017	-	30	16	6	2	18
	-	40	20	10	-	9
	-	1,904	610	1,129	(D)	888
	-	1,261	2,107	739	-	425
Average per farm acres, 2017	-	63	38	188	(D)	49
	-	32	105	74	-	47
	4	207	171	110	19	181
	9	164	179	95	9	149
Cropland on which no-till practices were used farms, 2017	26	48,488	34,835	20,852	655	27,820
	273	40,306	38,749	21,057	108	24,586
	7	234	204	190	34	154
	30	246	216	222	12	165
Average per farm acres, 2012	10	160	155	101	30	168
	9	121	150	120	12	140
	165	30,376	49,510	37,227	5,037	45,600
	305	21,536	46,913	33,474	4,022	34,879
Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	17	190	319	369	168	271
	34	178	313	279	335	249
	38	288	173	142	24	186
	28	318	243	183	35	251
Cropland on which intensive tillage practices were used (see text) farms, 2017	2,796	57,750	15,988	38,723	1,321	16,222
	1,576	51,434	21,646	43,718	1,357	22,178
	74	201	92	273	55	87
	56	162	89	239	39	88
Average per farm acres, 2012	10	87	79	83	44	187
	12	88	82	59	42	112
	1,060	9,049	9,637	9,041	3,040	10,071
	1,241	5,708	3,002	5,116	1,988	5,978
Cropland planted to a cover crop (excluding CRP) farms, 2017	106	104	122	109	69	54
	103	65	37	87	47	53

--continued

Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Land drained by tile .....farms, 2017	-	22	249	28	683	128
	-	21	221	39	707	142
	-	1,102	43,157	1,203	236,241	17,681
	-	922	34,341	840	165,530	17,908
Average per farm .....acres, 2017	-	50	173	43	346	138
	-	44	155	22	234	126
Land artificially drained by ditches .....farms, 2017	-	15	226	28	164	98
	2	26	225	17	212	104
	-	1,171	28,705	212	27,024	4,703
	-	(D) 743	28,459	350	41,965	6,404
Average per farm .....acres, 2017	-	78	127	8	165	48
	-	(D) 29	126	21	198	62
Land under conservation easement .....farms, 2017	-	-	11	47	78	2
	-	3	19	44	185	13
	-	-	206	4,123	6,643	(D)
	-	273	2,341	3,717	12,621	1,629
Average per farm .....acres, 2017	-	-	19	88	85	(D)
	-	91	123	84	68	125
Cropland on which no-till practices were used .....farms, 2017	-	10	123	78	350	70
	-	12	114	74	383	73
	-	638	29,391	2,841	77,370	17,643
	-	390	20,383	2,446	94,367	11,823
Average per farm .....acres, 2017	-	64	239	36	221	252
	-	33	179	33	246	162
Cropland on which reduced tillage, excluding no-till, practices were used (see text) .....farms, 2017	-	13	120	37	294	73
	-	9	94	54	258	67
	-	1,271	41,638	860	104,825	15,175
	-	1,604	37,625	938	68,252	14,381
Average per farm .....acres, 2017	-	98	347	23	357	208
	-	178	400	17	265	215
Cropland on which intensive tillage practices were used (see text) .....farms, 2017	-	23	231	68	342	114
	-	43	342	87	414	165
	-	714	34,098	2,494	124,775	17,266
	-	1,897	48,200	2,306	89,189	21,001
Average per farm .....acres, 2017	-	31	148	37	365	151
	-	44	141	27	215	127
Cropland planted to a cover crop (excluding CRP) .....farms, 2017	3	21	99	119	166	49
	-	20	69	102	151	40
	54	513	10,443	3,210	18,596	3,296
	-	136	8,360	1,760	15,816	1,938
Average per farm .....acres, 2017	18	24	105	27	112	67
	-	7	121	17	105	48

--continued

Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Land drained by tile farms, 2017	-	7	120	8	8	88
	1	7	112	4	2	108
..... acres, 2017	-	542	16,786	475	30	12,688
	(D)	432	13,863	97	(D)	13,447
Average per farm acres, 2017	-	77	140	59	4	144
	(D)	62	124	24	(D)	125
Land artificially drained by ditches farms, 2017	5	31	130	11	9	81
	2	22	188	7	7	99
..... acres, 2017	480	3,382	19,738	373	35	13,398
	(D)	2,676	24,185	221	177	8,001
Average per farm acres, 2017	96	109	152	34	4	165
	(D)	122	129	32	25	81
Land under conservation easement farms, 2017	-	3	2	9	-	14
	-	3	7	10	3	7
..... acres, 2017	-	13	(D)	1,579	-	254
	-	(D)	120	1,117	23	2,198
Average per farm acres, 2017	-	4	(D)	175	-	18
	-	(D)	17	112	8	314
Cropland on which no-till practices were used farms, 2017	1	5	110	48	26	104
	1	3	105	15	17	63
..... acres, 2017	(D)	326	22,120	1,958	231	11,777
	(D)	69	19,385	252	115	3,420
Average per farm acres, 2017	(D)	65	201	41	9	113
	(D)	23	185	17	7	54
Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	-	8	73	42	8	71
	-	4	61	15	7	61
..... acres, 2017	-	867	13,307	2,990	723	14,728
	-	352	11,228	1,000	(D)	11,851
Average per farm acres, 2017	-	108	182	71	90	207
	-	88	184	67	(D)	194
Cropland on which intensive tillage practices were used (see text) farms, 2017	2	20	113	58	13	118
	7	29	184	100	32	140
..... acres, 2017	(D)	1,272	23,192	3,597	336	9,662
	(D)	1,488	19,736	5,173	1,237	15,816
Average per farm acres, 2017	(D)	64	205	62	26	82
	(D)	51	107	52	39	113
Cropland planted to a cover crop (excluding CRP) farms, 2017	3	6	33	85	39	120
	1	6	33	53	22	94
..... acres, 2017	(D)	84	1,771	2,874	773	9,426
	(D)	143	1,784	2,877	257	6,987
Average per farm acres, 2017	(D)	14	54	34	20	79
	(D)	24	54	54	12	74

--continued

Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Land drained by tile .....farms, 2017	100	36	242	34	568	185
	89	36	245	31	631	165
	5,522	1,518	44,658	4,191	133,889	28,446
.....acres, 2017	5,922	3,111	45,818	2,771	122,001	21,346
	55	42	185	123	236	154
	67	86	187	89	193	129
Land artificially drained by ditches .....farms, 2017	35	34	132	32	255	127
	55	31	180	31	321	112
	1,621	911	12,092	3,510	25,313	13,417
.....acres, 2017	2,618	3,843	15,591	3,448	47,411	10,056
	46	27	92	110	99	106
	48	124	87	111	148	90
Land under conservation easement .....farms, 2017	14	4	16	7	9	21
	17	4	35	7	60	23
	425	170	932	410	105	2,256
.....acres, 2017	869	398	525	1,174	1,313	2,585
	30	43	58	59	12	107
	51	100	15	168	22	112
Cropland on which no-till practices were used .....farms, 2017	66	32	61	22	266	90
	59	33	66	21	297	103
	7,653	2,530	5,514	869	47,371	23,403
.....acres, 2017	6,822	2,425	12,739	137	50,736	14,974
	116	79	90	40	178	260
	116	73	193	7	171	145
Cropland on which reduced tillage, excluding no-till, practices were used (see text) .....farms, 2017	68	42	83	73	209	197
	79	46	58	31	221	125
	19,199	9,641	20,365	23,057	67,679	81,391
.....acres, 2017	13,506	9,432	13,126	9,500	61,464	60,594
	282	230	245	316	324	413
	171	205	226	306	278	485
Cropland on which intensive tillage practices were used (see text) .....farms, 2017	235	97	144	76	358	282
	258	120	157	133	473	409
	20,014	6,502	29,175	13,059	69,099	53,884
.....acres, 2017	25,647	9,135	31,023	19,000	73,322	66,374
	85	67	203	172	193	191
	99	76	198	143	155	162
Cropland planted to a cover crop (excluding CRP) .....farms, 2017	119	58	54	67	92	183
	119	52	40	59	64	169
	7,713	3,437	2,296	5,012	5,750	29,979
.....acres, 2017	8,494	2,073	2,533	4,911	9,824	25,682
	65	59	43	75	63	164
	71	40	63	83	154	152

--continued

Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	
Land drained by tile farms, 2017	18	71	128	34	100	61	
	2012	18	90	119	35	56	
	acres, 2017	3,168	10,206	21,778	520	10,669	13,815
	2012	1,917	12,608	14,484	902	9,501	13,677
Average per farm acres, 2017	176	144	170	15	107	226	
	2012	107	140	122	26	94	244
	Land artificially drained by ditches farms, 2017	30	105	133	32	60	39
		2012	12	126	128	41	61	50
acres, 2017		1,407	5,046	12,830	1,579	6,706	4,455
2012		480	10,918	10,173	711	4,226	2,835
Average per farm acres, 2017	47	48	96	49	112	114	
	2012	40	87	79	17	69	57
	Land under conservation easement farms, 2017	-	9	8	15	17	2
		2012	-	7	13	6	5
acres, 2017		-	235	338	342	1,225	(D)
2012		-	109	322	155	791	1,295
Average per farm acres, 2017	-	26	42	23	72	(D)	
	2012	-	16	25	26	49	259
	Cropland on which no-till practices were used farms, 2017	16	72	97	53	139	4
		2012	12	40	93	32	134	6
acres, 2017		1,998	8,654	14,768	957	14,591	(D)
2012		1,201	5,208	8,017	1,738	10,892	1,772
Average per farm acres, 2017	125	120	152	18	105	(D)	
	2012	100	130	86	54	81	295
	Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	19	45	122	48	92	35
		2012	8	49	111	23	87	17
acres, 2017		3,770	10,611	24,050	2,807	23,574	8,304
2012		3,299	10,205	18,416	3,143	19,629	1,568
Average per farm acres, 2017	198	236	197	58	256	237	
	2012	412	208	166	137	226	92
	Cropland on which intensive tillage practices were used (see text) farms, 2017	35	75	184	54	140	112
		2012	50	126	263	66	180	108
acres, 2017		1,794	7,878	24,161	3,321	20,229	18,293
2012		2,727	15,322	24,500	4,598	15,768	16,832
Average per farm acres, 2017	51	105	131	62	144	163	
	2012	55	122	93	70	88	156
	Cropland planted to a cover crop (excluding CRP) farms, 2017	19	73	113	47	167	14
		2012	14	38	96	30	160	43
acres, 2017		723	2,740	11,657	919	16,805	386
2012		502	3,546	6,615	958	13,509	1,572
Average per farm acres, 2017	38	38	103	20	101	28	
	2012	36	93	69	32	84	37

--continued

Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Land drained by tile .....farms, 2017	1	68	27	2	247	21
	2	80	31	2	305	25
	(D)	6,207	1,513	(D)	34,859	2,651
.....acres, 2017	(D)	6,613	1,604	(D)	31,642	2,731
	(D)	91	56	(D)	141	126
	(D)	83	52	(D)	104	109
Land artificially drained by ditches .....farms, 2017	25	53	23	-	336	29
	19	76	15	2	431	38
	2,299	2,321	1,322	-	39,447	2,949
.....acres, 2017	2,104	2,816	483	(D)	35,668	3,870
	92	44	57	-	117	102
	111	37	32	(D)	83	102
Land under conservation easement .....farms, 2017	1	9	-	-	6	16
	-	13	1	-	23	9
	(D)	236	-	-	394	812
.....acres, 2017	-	652	(D)	-	2,354	378
	(D)	26	-	-	66	51
	-	50	(D)	-	102	42
Cropland on which no-till practices were used .....farms, 2017	3	46	9	16	177	32
	6	27	1	13	177	34
	172	2,925	252	446	35,985	6,203
.....acres, 2017	17	2,247	(D)	284	27,216	8,439
	57	64	28	28	203	194
	3	83	(D)	22	154	248
Cropland on which reduced tillage, excluding no-till, practices were used (see text) .....farms, 2017	3	67	5	16	175	49
	6	50	7	6	162	36
	70	7,693	230	2,436	44,669	4,944
.....acres, 2017	45	5,530	235	1,386	32,044	2,633
	23	115	46	152	255	101
	8	111	34	231	198	73
Cropland on which intensive tillage practices were used (see text) .....farms, 2017	17	104	29	52	228	111
	22	198	41	51	402	113
	1,447	10,171	1,432	3,180	25,571	10,236
.....acres, 2017	1,559	10,656	1,710	3,150	36,969	12,339
	85	98	49	61	112	92
	71	54	42	62	92	109
Cropland planted to a cover crop (excluding CRP) .....farms, 2017	9	68	17	37	126	50
	12	92	11	20	134	56
	128	3,473	372	1,286	7,396	2,396
.....acres, 2017	241	1,941	569	537	6,183	1,762
	14	51	22	35	59	48
	20	21	52	27	46	31

--continued

Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Land drained by tile farms, 2017	1	804	223	81	730	1
	1	731	200	74	686	4
	(D)	197,987	44,824	15,507	262,925	(D)
Average per farm acres, 2017	(D)	173,444	41,221	8,071	236,058	160
	(D)	246	201	191	360	(D)
	(D)	237	206	109	344	40
Land artificially drained by ditches farms, 2017	10	416	569	87	549	5
	8	465	526	75	619	6
	935	64,820	73,772	7,809	129,530	810
Average per farm acres, 2017	219	60,427	86,357	7,341	165,283	291
	94	156	130	90	236	162
	27	130	164	98	267	49
Land under conservation easement farms, 2017	-	51	9	12	20	-
	-	139	14	17	70	-
	-	1,755	(D)	2,754	1,257	-
Average per farm acres, 2017	-	7,232	895	2,060	3,871	-
	-	34	(D)	230	63	-
	-	52	64	121	55	-
Cropland on which no-till practices were used farms, 2017	4	251	214	190	288	2
	3	281	216	213	343	6
	88	63,484	62,907	30,682	65,128	(D)
Average per farm acres, 2017	(D)	50,238	47,092	27,828	72,853	310
	22	253	294	161	226	(D)
	(D)	179	218	131	212	52
Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	2	257	166	171	260	2
	2	223	122	186	201	2
	(D)	90,645	36,908	71,147	95,330	(D)
Average per farm acres, 2017	(D)	65,689	34,782	67,680	76,064	(D)
	(D)	353	222	416	367	(D)
	(D)	295	285	364	378	(D)
Cropland on which intensive tillage practices were used (see text) farms, 2017	6	546	318	282	542	7
	7	605	367	310	727	16
	282	124,490	37,411	86,224	180,751	347
Average per farm acres, 2017	205	138,515	46,953	75,010	203,971	314
	47	228	118	306	333	50
	29	229	128	242	281	20
Cropland planted to a cover crop (excluding CRP) farms, 2017	13	133	72	182	229	9
	6	145	48	151	186	6
	330	13,005	2,878	58,319	43,186	220
Average per farm acres, 2017	249	10,571	1,470	32,519	20,716	47
	25	98	40	320	189	24
	42	73	31	215	111	8

--continued

Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Land drained by tile .....farms, 2017	373	582	175	332	41	9
	392	586	171	344	54	8
	90,000	206,180	18,589	50,722	1,330	633
Average per farm .....acres, 2017	81,521	170,964	14,030	39,730	2,304	162
	241	354	106	153	32	70
	2012	292	82	115	43	20
Land artificially drained by ditches .....farms, 2017	286	250	158	168	48	14
	362	328	189	188	81	10
	57,982	44,152	11,678	9,347	1,088	248
Average per farm .....acres, 2017	73,659	54,866	12,487	12,470	3,387	266
	203	177	74	56	23	18
	2012	167	66	66	42	27
Land under conservation easement .....farms, 2017	10	21	21	38	4	1
	51	91	25	65	6	2
	581	4,513	2,202	2,714	87	(D)
Average per farm .....acres, 2017	4,182	5,623	944	6,527	19	(D)
	58	215	105	71	22	(D)
	2012	62	38	100	3	(D)
Cropland on which no-till practices were used .....farms, 2017	195	252	127	289	55	27
	267	227	87	320	37	20
	47,551	37,699	16,026	48,821	1,479	611
Average per farm .....acres, 2017	65,225	40,557	24,895	49,207	2,408	291
	244	150	126	169	27	23
	2012	244	179	286	154	65	15
Cropland on which reduced tillage, excluding no-till, practices were used (see text) .....farms, 2017	208	243	96	252	33	19
	130	205	117	210	12	13
	49,546	76,839	36,137	49,956	3,152	1,955
Average per farm .....acres, 2017	32,831	48,275	21,329	32,867	914	2,344
	238	316	376	198	96	103
	2012	253	235	182	157	76	180
Cropland on which intensive tillage practices were used (see text) .....farms, 2017	258	429	117	209	38	54
	396	506	286	299	78	105
	68,716	153,159	26,821	25,136	1,640	6,608
Average per farm .....acres, 2017	73,898	162,836	39,832	26,598	5,473	4,323
	266	357	229	120	43	122
	2012	187	322	139	89	70	41
Cropland planted to a cover crop (excluding CRP) .....farms, 2017	103	206	116	118	34	67
	91	165	96	118	27	49
	8,687	47,947	11,042	4,937	279	2,136
Average per farm .....acres, 2017	7,084	17,646	7,637	4,797	255	748
	84	233	95	42	8	32
	2012	78	107	80	41	9	15

Table 42. Organic Agriculture: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales farms, 2017	646	8	3	9	8	7
2012	421	4	1	6	3	3
\$1,000, 2017	176,069	1,070	140	371	726	605
2012	53,503	21	(D)	334	202	(D)
By value of sales:						
\$1 to \$4,999 farms, 2017	134	-	-	-	2	-
2012	118	2	1	-	-	2
\$1,000, 2017	234	-	-	-	(D)	-
2012	235	(D)	(D)	-	-	(D)
\$5,000 or more farms, 2017	512	8	3	9	6	7
2012	303	2	-	6	3	1
\$1,000, 2017	175,835	1,070	140	371	(D)	605
2012	53,268	(D)	-	334	202	(D)
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production farms, 2017	644	6	3	10	8	9
2012	365	2	-	7	3	3
USDA National Organic Program organic production exempt from certification farms, 2017	120	2	-	2	-	-
2012	134	2	1	-	-	2
Acres transitioning into USDA National Organic Program organic production farms, 2017	239	-	8	4	1	-
2012	141	2	-	3	2	3
Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales farms, 2017	12	3	6	-	1	12
2012	4	-	5	-	5	15
\$1,000, 2017	2,361	3	147	-	(D)	229
2012	933	-	507	-	62	642
By value of sales:						
\$1 to \$4,999 farms, 2017	-	3	1	-	-	6
2012	-	-	-	-	1	8
\$1,000, 2017	-	3	(D)	-	-	20
2012	-	-	-	-	(D)	8
\$5,000 or more farms, 2017	12	-	5	-	1	6
2012	4	-	5	-	4	7
\$1,000, 2017	2,361	-	(D)	-	(D)	208
2012	933	-	507	-	(D)	634
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production farms, 2017	12	-	6	-	2	13
2012	4	-	5	2	5	10
USDA National Organic Program organic production exempt from certification farms, 2017	-	3	-	-	-	2
2012	-	-	-	-	3	6
Acres transitioning into USDA National Organic Program organic production farms, 2017	-	-	5	-	2	8
2012	1	-	3	-	3	1

--continued

Table 42. Organic Agriculture: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales .....farms, 2017	4	18	5	6	1	1
2012	2	6	3	-	1	-
\$1,000, 2017	184	619	(D)	(D)	(D)	(D)
2012	(D)	392	(D)	-	(D)	-
By value of sales:						
\$1 to \$4,999 .....farms, 2017	2	2	3	5	-	-
2012	-	2	2	-	-	-
\$1,000, 2017	(D)	(D)	5	6	-	-
2012	-	(D)	(D)	-	-	-
\$5,000 or more .....farms, 2017	2	16	2	1	1	1
2012	2	4	1	-	1	-
\$1,000, 2017	(D)	(D)	(D)	(D)	(D)	(D)
2012	(D)	(D)	(D)	-	(D)	-
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production .....farms, 2017	4	17	6	1	1	1
2012	2	5	1	-	1	-
USDA National Organic Program organic production exempt from certification .....farms, 2017	2	3	4	5	6	-
2012	-	4	2	5	-	3
Acres transitioning into USDA National Organic Program organic production .....farms, 2017	2	4	2	3	-	1
2012	-	-	3	-	-	3
Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales .....farms, 2017	10	8	-	4	-	17
2012	2	20	-	2	-	8
\$1,000, 2017	587	725	-	16	-	1,529
2012	(D)	2,069	-	(D)	-	463
By value of sales:						
\$1 to \$4,999 .....farms, 2017	2	-	-	3	-	2
2012	2	-	-	-	-	2
\$1,000, 2017	(D)	-	-	(D)	-	(D)
2012	(D)	-	-	-	-	(D)
\$5,000 or more .....farms, 2017	8	8	-	1	-	15
2012	-	20	-	2	-	6
\$1,000, 2017	(D)	725	-	(D)	-	(D)
2012	-	2,069	-	(D)	-	(D)
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production .....farms, 2017	9	14	-	1	-	16
2012	-	20	-	2	-	6
USDA National Organic Program organic production exempt from certification .....farms, 2017	4	6	-	3	-	4
2012	2	-	-	-	-	2
Acres transitioning into USDA National Organic Program organic production .....farms, 2017	10	3	-	-	-	6
2012	-	1	-	-	-	6

--continued

Table 42. Organic Agriculture: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales farms, 2017	15	6	3	-	3	13
2012	2	7	3	2	5	11
\$1,000, 2017	1,282	202	19	-	54	2,960
2012	(D)	178	16	(D)	4	2,886
By value of sales:						
\$1 to \$4,999 farms, 2017	7	3	2	-	-	-
2012	1	2	1	2	5	-
\$1,000, 2017	5	5	(D)	-	-	-
2012	(D)	(D)	(D)	(D)	4	-
\$5,000 or more farms, 2017	8	3	1	-	3	13
2012	1	5	2	-	-	11
\$1,000, 2017	1,277	196	(D)	-	54	2,960
2012	(D)	(D)	(D)	-	-	2,886
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production farms, 2017	9	11	3	-	3	13
2012	2	6	2	-	3	12
USDA National Organic Program organic production exempt from certification farms, 2017	6	-	-	-	-	-
2012	1	4	1	2	2	-
Acres transitioning into USDA National Organic Program organic production farms, 2017	6	-	2	-	2	-
2012	1	1	2	-	4	1
Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales farms, 2017	13	4	15	12	15	1
2012	3	2	4	7	13	-
\$1,000, 2017	923	24	(D)	920	(D)	(D)
2012	431	(D)	695	740	2,862	-
By value of sales:						
\$1 to \$4,999 farms, 2017	2	-	1	6	2	-
2012	-	-	-	3	3	-
\$1,000, 2017	(D)	-	(D)	23	(D)	-
2012	-	-	-	6	10	-
\$5,000 or more farms, 2017	11	4	14	6	13	1
2012	3	2	4	4	10	-
\$1,000, 2017	(D)	24	(D)	897	(D)	(D)
2012	431	(D)	695	734	2,852	-
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production farms, 2017	18	4	20	10	13	1
2012	6	2	8	4	12	-
USDA National Organic Program organic production exempt from certification farms, 2017	-	-	-	2	2	5
2012	1	-	3	3	2	-
Acres transitioning into USDA National Organic Program organic production farms, 2017	2	4	8	2	5	-
2012	-	1	1	3	4	-

--continued

Table 42. Organic Agriculture: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales .....farms, 2017	-	21	5	-	4	12
2012	-	12	3	2	1	3
\$1,000, 2017	-	3,178	174	-	103	691
2012	-	1,367	(D)	(D)	(D)	(D)
By value of sales:						
\$1 to \$4,999 .....farms, 2017	-	-	1	-	-	-
2012	-	-	2	2	1	-
\$1,000, 2017	-	-	(D)	-	-	-
2012	-	-	(D)	(D)	(D)	-
\$5,000 or more .....farms, 2017	-	21	4	-	4	12
2012	-	12	1	-	-	3
\$1,000, 2017	-	3,178	(D)	-	103	691
2012	-	1,367	(D)	-	-	(D)
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production .....farms, 2017	-	27	5	2	4	12
2012	-	10	1	4	-	4
USDA National Organic Program organic production exempt from certification .....farms, 2017	-	-	1	-	-	-
2012	-	2	3	2	1	3
Acres transitioning into USDA National Organic Program organic production .....farms, 2017	-	9	2	2	-	7
2012	-	7	2	2	1	3
Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales .....farms, 2017	-	-	11	11	3	6
2012	-	-	11	6	5	4
\$1,000, 2017	-	-	184	860	(D)	186
2012	-	-	465	206	(D)	20
By value of sales:						
\$1 to \$4,999 .....farms, 2017	-	-	8	4	-	3
2012	-	-	6	3	3	1
\$1,000, 2017	-	-	30	8	-	6
2012	-	-	20	7	(D)	(D)
\$5,000 or more .....farms, 2017	-	-	3	7	3	3
2012	-	-	5	3	2	3
\$1,000, 2017	-	-	154	852	(D)	180
2012	-	-	445	199	(D)	(D)
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production .....farms, 2017	-	-	11	10	6	5
2012	-	-	7	6	2	2
USDA National Organic Program organic production exempt from certification .....farms, 2017	-	-	5	2	-	2
2012	-	-	8	-	4	2
Acres transitioning into USDA National Organic Program organic production .....farms, 2017	-	1	4	1	2	-
2012	-	-	2	6	2	2

--continued

Table 42. Organic Agriculture: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales farms, 2017	-	3	1	7	8	19
2012	-	-	5	3	3	1
\$1,000, 2017	-	(D)	(D)	454	2	5,081
2012	-	-	150	(D)	10	(D)
By value of sales:						
\$1 to \$4,999 farms, 2017	-	2	-	-	8	9
2012	-	-	1	2	3	-
\$1,000, 2017	-	(D)	-	-	2	9
2012	-	-	(D)	(D)	10	-
\$5,000 or more farms, 2017	-	1	1	7	-	10
2012	-	-	4	1	-	1
\$1,000, 2017	-	(D)	(D)	454	-	5,073
2012	-	-	(D)	(D)	-	(D)
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production farms, 2017	-	1	1	7	-	14
2012	-	-	4	1	1	1
USDA National Organic Program organic production exempt from certification farms, 2017	-	2	-	-	8	7
2012	-	-	1	2	2	-
Acres transitioning into USDA National Organic Program organic production farms, 2017	-	-	-	-	-	2
2012	-	-	-	-	-	1
Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales farms, 2017	4	2	5	4	-	6
2012	-	3	2	-	3	2
\$1,000, 2017	41	(D)	380	9	-	301
2012	-	11	(D)	-	1	(D)
By value of sales:						
\$1 to \$4,999 farms, 2017	-	1	1	3	-	-
2012	-	3	2	-	3	-
\$1,000, 2017	-	(D)	(D)	(D)	-	-
2012	-	11	(D)	-	1	-
\$5,000 or more farms, 2017	4	1	4	1	-	6
2012	-	-	-	-	-	2
\$1,000, 2017	41	(D)	(D)	(D)	-	301
2012	-	-	-	-	-	(D)
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production farms, 2017	6	2	5	1	-	9
2012	-	3	-	-	-	3
USDA National Organic Program organic production exempt from certification farms, 2017	-	-	-	3	-	-
2012	-	-	2	-	3	-
Acres transitioning into USDA National Organic Program organic production farms, 2017	2	1	-	-	3	3
2012	-	-	1	2	1	2

--continued

Table 42. Organic Agriculture: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales .....farms, 2017	-	5	16	4	8	-
2012	-	9	19	9	11	-
\$1,000, 2017	-	524	1,285	(D)	1,319	-
2012	-	532	710	127	3,126	-
By value of sales:						
\$1 to \$4,999 .....farms, 2017	-	-	2	3	-	-
2012	-	3	7	6	2	-
\$1,000, 2017	-	-	(D)	4	-	-
2012	-	5	19	10	(D)	-
\$5,000 or more .....farms, 2017	-	5	14	1	8	-
2012	-	6	12	3	9	-
\$1,000, 2017	-	524	(D)	(D)	1,319	-
2012	-	528	691	117	(D)	-
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production .....farms, 2017	-	5	16	1	9	-
2012	-	6	14	4	12	-
USDA National Organic Program organic production exempt from certification .....farms, 2017	-	-	-	8	-	-
2012	-	4	5	6	-	-
Acres transitioning into USDA National Organic Program organic production .....farms, 2017	-	7	11	-	2	-
2012	-	4	3	-	3	-
Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales .....farms, 2017	-	4	7	6	6	1
2012	-	3	5	2	14	-
\$1,000, 2017	-	1,474	978	3	620	(D)
2012	-	591	625	(D)	1,732	-
By value of sales:						
\$1 to \$4,999 .....farms, 2017	-	-	-	6	-	1
2012	-	-	-	-	2	-
\$1,000, 2017	-	-	-	3	-	(D)
2012	-	-	-	-	(D)	-
\$5,000 or more .....farms, 2017	-	4	7	-	6	-
2012	-	3	5	2	12	-
\$1,000, 2017	-	1,474	978	-	620	-
2012	-	591	625	(D)	(D)	-
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production .....farms, 2017	-	4	7	6	6	1
2012	-	5	5	2	12	-
USDA National Organic Program organic production exempt from certification .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	1	2	-
Acres transitioning into USDA National Organic Program organic production .....farms, 2017	-	3	-	-	3	1
2012	-	-	-	1	3	-

--continued

Table 42. Organic Agriculture: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales farms, 2017	1	10	11	16	50	-
2012	2	7	7	15	26	-
\$1,000, 2017	(D)	894	788	1,320	4,179	-
2012	(D)	666	142	625	2,487	-
By value of sales:						
\$1 to \$4,999 farms, 2017	1	3	-	-	5	-
2012	2	-	3	1	2	-
\$1,000, 2017	(D)	6	-	-	2	-
2012	(D)	-	7	(D)	(D)	-
\$5,000 or more farms, 2017	-	7	11	16	45	-
2012	-	7	4	14	24	-
\$1,000, 2017	-	887	788	1,320	4,177	-
2012	-	666	135	(D)	(D)	-
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production farms, 2017	-	12	11	16	49	-
2012	-	9	5	14	26	-
USDA National Organic Program organic production exempt from certification farms, 2017	1	-	-	-	3	-
2012	2	1	2	1	-	-
Acres transitioning into USDA National Organic Program organic production farms, 2017	-	2	3	9	20	-
2012	-	1	2	6	10	-
Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES						
Total organic product sales farms, 2017	15	72	7	24	2	6
2012	14	42	4	12	2	-
\$1,000, 2017	720	25,395	217	1,072	(D)	650
2012	401	22,767	(D)	(D)	(D)	-
By value of sales:						
\$1 to \$4,999 farms, 2017	4	-	3	9	1	2
2012	6	-	1	11	1	-
\$1,000, 2017	2	-	(Z)	27	(D)	(D)
2012	12	-	(D)	24	(D)	-
\$5,000 or more farms, 2017	11	72	4	15	1	4
2012	8	42	3	1	1	-
\$1,000, 2017	719	25,395	216	1,046	(D)	(D)
2012	390	22,767	(D)	(D)	(D)	-
TYPE OF PRODUCTION						
USDA National Organic Program certified organic production farms, 2017	11	79	7	23	1	8
2012	10	46	3	6	2	-
USDA National Organic Program organic production exempt from certification farms, 2017	10	-	-	6	1	-
2012	6	-	3	13	2	-
Acres transitioning into USDA National Organic Program organic production farms, 2017	5	26	3	10	-	5
2012	2	7	3	11	2	-

Table 43. Selected Practices: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017	957	3	10	26	12	9
2012 ¹	38	-	-	-	-	2
Harvested biomass for use in renewable energy .....farms, 2017	308	-	3	9	8	-
2012	266	2	-	4	5	1
Practiced rotational or management-intensive grazing .....farms, 2017	4,326	17	29	84	61	37
2012	5,065	29	23	166	82	42
Raised or sold veal calves .....farms, 2017	123	-	2	10	2	-
2012	180	-	-	6	-	-
On-farm packing facility .....farms, 2017	705	4	13	24	5	9
2012	813	-	5	34	-	12
Had a barn that was built prior to 1960 (see text) .....farms, 2017	15,021	74	31	436	150	101
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017	15,797	83	42	342	134	98
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017	4	1	12	1	8	28
2012 ¹	-	-	-	-	-	2
Harvested biomass for use in renewable energy .....farms, 2017	7	1	5	-	-	6
2012	-	1	6	-	-	2
Practiced rotational or management-intensive grazing .....farms, 2017	11	15	111	14	17	57
2012	18	7	129	19	15	50
Raised or sold veal calves .....farms, 2017	-	-	4	-	-	2
2012	1	-	6	3	-	1
On-farm packing facility .....farms, 2017	1	2	2	13	4	46
2012	2	1	5	16	5	68
Had a barn that was built prior to 1960 (see text) .....farms, 2017	84	19	291	192	36	279
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017	128	26	290	251	80	291
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017	15	20	13	6	7	19
2012 ¹	1	-	-	-	-	-
Harvested biomass for use in renewable energy .....farms, 2017	5	13	6	2	2	10
2012	8	4	4	4	-	2
Practiced rotational or management-intensive grazing .....farms, 2017	55	95	70	47	53	78
2012	77	88	66	42	49	78
Raised or sold veal calves .....farms, 2017	6	-	-	-	-	-
2012	2	2	4	-	-	3
On-farm packing facility .....farms, 2017	7	17	13	-	6	8
2012	8	8	19	6	4	6
Had a barn that was built prior to 1960 (see text) .....farms, 2017	281	332	223	85	100	109
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017	293	334	282	81	93	136
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

--continued

Table 43. Selected Practices: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Received irrigation water from the U.S. Bureau of Reclamation farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) farms, 2017	4	22	-	13	-	12
2012 ¹	-	-	-	-	-	-
Harvested biomass for use in renewable energy farms, 2017	2	5	-	-	2	6
2012	4	11	-	3	4	2
Practiced rotational or management-intensive grazing farms, 2017	51	103	13	39	15	91
2012	65	117	8	59	33	128
Raised or sold veal calves farms, 2017	4	3	-	-	-	-
2012	4	6	-	3	-	1
On-farm packing facility farms, 2017	6	2	1	2	3	12
2012	-	7	-	8	1	5
Had a barn that was built prior to 1960 (see text) farms, 2017	113	377	9	83	37	354
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) farms, 2017	96	361	9	88	61	338
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Emmet	Genesee	Gladwin	Gogetic	Grand Traverse	Gratiot
Received irrigation water from the U.S. Bureau of Reclamation farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) farms, 2017	8	8	3	1	9	8
2012 ¹	1	-	2	-	4	-
Harvested biomass for use in renewable energy farms, 2017	8	6	-	-	3	1
2012	1	12	2	-	6	2
Practiced rotational or management-intensive grazing farms, 2017	36	88	41	12	36	36
2012	45	78	68	14	33	51
Raised or sold veal calves farms, 2017	3	-	3	-	-	1
2012	5	4	4	-	2	5
On-farm packing facility farms, 2017	11	7	-	-	8	7
2012	7	10	3	5	24	4
Had a barn that was built prior to 1960 (see text) farms, 2017	122	239	128	23	121	184
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) farms, 2017	120	255	121	20	191	291
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Received irrigation water from the U.S. Bureau of Reclamation farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) farms, 2017	11	21	23	16	13	4
2012 ¹	-	2	-	5	-	1
Harvested biomass for use in renewable energy farms, 2017	5	-	2	8	4	-
2012	4	2	5	6	2	1
Practiced rotational or management-intensive grazing farms, 2017	93	35	23	143	107	28
2012	131	35	23	124	104	45
Raised or sold veal calves farms, 2017	7	-	4	1	-	-
2012	5	-	1	1	-	-
On-farm packing facility farms, 2017	7	2	6	3	5	3
2012	5	11	10	11	7	3
Had a barn that was built prior to 1960 (see text) farms, 2017	357	59	360	284	334	84
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) farms, 2017	456	57	413	309	319	98
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

--continued

Table 43. Selected Practices: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017	8	17	17	22	7	34
2012 ¹	-	-	2	2	-	-
Harvested biomass for use in renewable energy .....farms, 2017	-	8	5	9	-	11
2012	1	1	7	14	2	5
Practiced rotational or management-intensive grazing .....farms, 2017	31	88	79	77	20	105
2012	17	80	113	83	30	119
Raised or sold veal calves .....farms, 2017	-	-	-	-	1	-
2012	2	6	3	2	-	4
On-farm packing facility .....farms, 2017	6	10	6	6	4	20
2012	7	7	13	6	3	30
Had a barn that was built prior to 1960 (see text) .....farms, 2017	37	268	300	195	68	343
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017	28	301	304	229	80	317
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017	-	12	12	29	24	10
2012 ¹	-	-	1	1	-	-
Harvested biomass for use in renewable energy .....farms, 2017	-	-	5	5	7	7
2012	-	4	-	4	3	3
Practiced rotational or management-intensive grazing .....farms, 2017	3	27	135	50	67	80
2012	2	22	128	42	102	99
Raised or sold veal calves .....farms, 2017	-	-	4	-	1	-
2012	-	-	3	1	-	2
On-farm packing facility .....farms, 2017	-	2	18	28	16	14
2012	-	1	31	26	10	3
Had a barn that was built prior to 1960 (see text) .....farms, 2017	-	64	345	155	440	245
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017	9	42	308	185	615	174
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017	2	4	-	18	13	21
2012 ¹	-	-	1	-	2	1
Harvested biomass for use in renewable energy .....farms, 2017	-	-	1	-	4	-
2012	-	-	-	2	4	-
Practiced rotational or management-intensive grazing .....farms, 2017	8	19	19	28	20	38
2012	6	20	44	23	41	34
Raised or sold veal calves .....farms, 2017	-	-	-	-	-	-
2012	-	4	-	-	1	3
On-farm packing facility .....farms, 2017	-	4	9	1	8	3
2012	-	-	12	7	7	9
Had a barn that was built prior to 1960 (see text) .....farms, 2017	10	29	144	76	43	179
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017	10	38	142	84	80	136
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

--continued

Table 43. Selected Practices: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Received irrigation water from the U.S. Bureau of Reclamation farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) farms, 2017	10	11	15	4	10	12
2012 ¹	1	-	1	-	-	-
Harvested biomass for use in renewable energy farms, 2017	5	3	5	-	4	2
2012	1	6	4	3	1	9
Practiced rotational or management-intensive grazing farms, 2017	75	35	61	32	43	98
2012	100	49	36	38	51	115
Raised or sold veal calves farms, 2017	-	2	-	2	2	1
2012	6	2	1	1	2	2
On-farm packing facility farms, 2017	13	1	12	3	14	8
2012	7	-	3	1	25	18
Had a barn that was built prior to 1960 (see text) farms, 2017	242	127	141	134	319	327
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) farms, 2017	227	140	150	136	346	304
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Received irrigation water from the U.S. Bureau of Reclamation farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) farms, 2017	-	10	16	4	33	6
2012 ¹	-	-	-	-	2	-
Harvested biomass for use in renewable energy farms, 2017	3	2	3	-	10	3
2012	4	-	6	2	5	2
Practiced rotational or management-intensive grazing farms, 2017	18	42	101	65	46	27
2012	19	48	103	96	50	37
Raised or sold veal calves farms, 2017	-	-	6	-	2	-
2012	3	5	2	-	1	2
On-farm packing facility farms, 2017	3	16	8	10	24	-
2012	1	16	15	7	13	2
Had a barn that was built prior to 1960 (see text) farms, 2017	54	140	249	104	184	94
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) farms, 2017	83	126	242	139	192	98
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Received irrigation water from the U.S. Bureau of Reclamation farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) farms, 2017	6	15	2	9	12	7
2012 ¹	2	-	-	-	-	-
Harvested biomass for use in renewable energy farms, 2017	-	5	3	-	5	-
2012	5	3	-	1	1	1
Practiced rotational or management-intensive grazing farms, 2017	14	71	20	14	102	39
2012	26	98	25	27	128	40
Raised or sold veal calves farms, 2017	-	6	4	-	3	6
2012	-	1	3	1	1	2
On-farm packing facility farms, 2017	-	4	2	1	35	5
2012	3	6	2	5	36	11
Had a barn that was built prior to 1960 (see text) farms, 2017	40	187	44	67	356	102
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) farms, 2017	44	202	16	56	296	107
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

--continued

Table 43. Selected Practices: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017	1	18	13	15	14	1
2012 ¹	-	-	-	2	-	-
Harvested biomass for use in renewable energy .....farms, 2017	1	14	6	6	7	-
2012	1	4	3	3	7	1
Practiced rotational or management-intensive grazing .....farms, 2017	4	34	89	75	105	8
2012	14	48	79	120	94	14
Raised or sold veal calves .....farms, 2017	-	-	9	2	16	-
2012	2	1	5	4	10	-
On-farm packing facility .....farms, 2017	6	6	7	3	22	-
2012	1	11	3	11	19	7
Had a barn that was built prior to 1960 (see text) .....farms, 2017	12	424	345	271	506	15
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017	22	413	364	270	477	18
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017	-	-	-	-	-	-
2012	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017	7	20	22	30	5	9
2012 ¹	-	-	-	-	-	-
Harvested biomass for use in renewable energy .....farms, 2017	5	2	9	10	-	4
2012	9	6	4	5	5	4
Practiced rotational or management-intensive grazing .....farms, 2017	44	78	66	125	25	35
2012	63	105	87	154	19	36
Raised or sold veal calves .....farms, 2017	-	4	-	-	-	-
2012	3	9	3	3	-	2
On-farm packing facility .....farms, 2017	5	4	39	27	13	-
2012	4	13	53	22	1	5
Had a barn that was built prior to 1960 (see text) .....farms, 2017	317	385	233	468	41	61
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017	341	442	320	391	66	100
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

¹ Data for 2012 exclude operations that practiced forest farming or had riparian forest buffers or windbreaks.

Table 44. Farms by North American Industry Classification System: 2017

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
Total farms	47,641	223	126	1,172	415	333
Oilseed and grain farming (1111)	12,466	24	8	205	44	16
Vegetable and melon farming (1112)	1,826	6	20	50	19	28
Fruit and tree nut farming (1113)	2,549	9	2	96	23	71
Greenhouse, nursery, and floriculture production (1114)	2,313	7	12	75	29	36
Other crop farming (1119)	11,779	103	35	236	144	109
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	11,779	103	35	236	144	109
Beef cattle ranching and farming (112111)	5,578	25	20	162	56	26
Cattle feedlots (112112)	388	-	2	15	1	3
Dairy cattle and milk production (11212)	1,530	9	3	75	33	2
Hog and pig farming (1122)	715	-	2	37	4	-
Poultry and egg production (1123)	857	2	-	35	12	4
Sheep and goat farming (1124)	1,721	2	-	31	11	12
Aquaculture and other animal production (1125, 1129) (see text)	5,919	36	22	155	39	26

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Total farms	350	65	938	726	197	872
Oilseed and grain farming (1111)	124	4	198	396	11	210
Vegetable and melon farming (1112)	10	4	17	31	11	65
Fruit and tree nut farming (1113)	3	2	10	9	41	224
Greenhouse, nursery, and floriculture production (1114)	8	1	21	15	26	73
Other crop farming (1119)	146	23	265	166	51	132
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	146	23	265	166	51	132
Beef cattle ranching and farming (112111)	18	25	198	26	13	42
Cattle feedlots (112112)	3	-	6	1	2	2
Dairy cattle and milk production (11212)	13	-	27	10	-	4
Hog and pig farming (1122)	9	-	18	2	-	3
Poultry and egg production (1123)	2	3	19	11	14	4
Sheep and goat farming (1124)	1	2	27	2	6	17
Aquaculture and other animal production (1125, 1129) (see text)	13	1	132	57	22	96

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Total farms	789	958	747	271	330	427
Oilseed and grain farming (1111)	317	359	259	16	6	2
Vegetable and melon farming (1112)	15	34	24	23	3	11
Fruit and tree nut farming (1113)	2	28	30	25	23	8
Greenhouse, nursery, and floriculture production (1114)	13	26	18	12	30	18
Other crop farming (1119)	171	216	141	80	139	227
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	171	216	141	80	139	227
Beef cattle ranching and farming (112111)	119	90	119	44	47	63
Cattle feedlots (112112)	5	2	2	2	-	2
Dairy cattle and milk production (11212)	19	16	6	5	7	6
Hog and pig farming (1122)	36	16	23	6	11	6
Poultry and egg production (1123)	12	13	4	8	8	12
Sheep and goat farming (1124)	20	65	28	18	8	28
Aquaculture and other animal production (1125, 1129) (see text)	60	93	93	32	48	44

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Total farms	396	1,017	45	253	158	962
Oilseed and grain farming (1111)	37	368	-	18	-	374
Vegetable and melon farming (1112)	8	18	-	11	7	16
Fruit and tree nut farming (1113)	5	8	-	15	16	13
Greenhouse, nursery, and floriculture production (1114)	17	40	-	15	3	35
Other crop farming (1119)	105	190	5	101	66	245
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	105	190	5	101	66	245
Beef cattle ranching and farming (112111)	83	138	4	50	27	104
Cattle feedlots (112112)	4	16	-	4	-	6
Dairy cattle and milk production (11212)	35	44	-	5	3	25
Hog and pig farming (1122)	2	3	3	-	6	9
Poultry and egg production (1123)	1	9	6	-	-	15
Sheep and goat farming (1124)	20	48	6	12	-	30
Aquaculture and other animal production (1125, 1129) (see text)	79	135	21	22	30	90

--continued

Table 44. Farms by North American Industry Classification System: 2017 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Total farms	324	820	459	54	497	812
Oilseed and grain farming (1111)	17	203	71	-	32	435
Vegetable and melon farming (112)	29	49	11	2	23	15
Fruit and tree nut farming (113)	29	13	5	2	161	1
Greenhouse, nursery, and floriculture production (114)	23	46	10	4	27	3
Other crop farming (119)	120	183	182	23	115	158
Tobacco farming (1191)	-	-	-	-	-	-
Cotton farming (1192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (1193, 1194, 1199)	120	183	182	23	115	158
Beef cattle ranching and farming (12111)	45	100	97	12	31	82
Cattle feedlots (12112)	1	4	5	-	7	16
Dairy cattle and milk production (1212)	3	10	16	-	3	29
Hog and pig farming (122)	3	8	6	3	5	20
Poultry and egg production (123)	12	10	10	-	9	5
Sheep and goat farming (124)	14	31	11	3	12	13
Aquaculture and other animal production (125, 129) (see text)	28	163	35	5	72	35

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Total farms	1,205	208	1,153	912	954	244
Oilseed and grain farming (1111)	381	14	512	234	360	26
Vegetable and melon farming (112)	17	12	22	25	17	6
Fruit and tree nut farming (113)	16	16	7	37	16	17
Greenhouse, nursery, and floriculture production (114)	21	11	13	48	20	5
Other crop farming (119)	375	80	338	157	159	89
Tobacco farming (1191)	-	-	-	-	-	-
Cotton farming (1192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (1193, 1194, 1199)	375	80	338	157	159	89
Beef cattle ranching and farming (12111)	146	37	67	88	148	37
Cattle feedlots (12112)	12	-	52	1	15	1
Dairy cattle and milk production (1212)	35	5	63	30	36	12
Hog and pig farming (122)	20	-	13	17	16	4
Poultry and egg production (123)	2	4	4	32	13	1
Sheep and goat farming (124)	68	4	15	66	46	12
Aquaculture and other animal production (125, 129) (see text)	112	25	47	177	108	34

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Total farms	133	959	923	707	225	1,010
Oilseed and grain farming (1111)	6	318	221	163	5	163
Vegetable and melon farming (112)	4	15	36	29	11	49
Fruit and tree nut farming (113)	4	23	25	20	11	91
Greenhouse, nursery, and floriculture production (114)	7	19	42	86	33	96
Other crop farming (119)	52	246	178	121	88	207
Tobacco farming (1191)	-	-	-	-	-	-
Cotton farming (1192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (1193, 1194, 1199)	52	246	178	121	88	207
Beef cattle ranching and farming (12111)	26	145	106	68	32	127
Cattle feedlots (12112)	-	20	4	2	-	12
Dairy cattle and milk production (1212)	-	42	26	8	1	34
Hog and pig farming (122)	1	19	15	11	4	18
Poultry and egg production (123)	2	11	33	2	9	28
Sheep and goat farming (124)	25	35	64	43	10	41
Aquaculture and other animal production (125, 129) (see text)	6	66	173	154	21	144

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Total farms	9	168	1,013	470	1,361	724
Oilseed and grain farming (1111)	-	6	239	15	576	126
Vegetable and melon farming (112)	-	3	40	34	42	45
Fruit and tree nut farming (113)	6	8	37	187	37	19
Greenhouse, nursery, and floriculture production (114)	-	10	47	40	38	34
Other crop farming (119)	-	72	196	81	358	138
Tobacco farming (1191)	-	-	-	-	-	-
Cotton farming (1192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (1193, 1194, 1199)	-	72	196	81	358	138
Beef cattle ranching and farming (12111)	-	37	126	13	100	84
Cattle feedlots (12112)	-	-	14	1	3	5
Dairy cattle and milk production (1212)	-	3	22	4	24	9
Hog and pig farming (122)	-	-	19	14	10	8
Poultry and egg production (123)	-	1	28	9	9	26
Sheep and goat farming (124)	-	4	46	20	38	48
Aquaculture and other animal production (125, 129) (see text)	3	24	199	52	126	182

--continued

Table 44. Farms by North American Industry Classification System: 2017 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Total farms	71	101	404	274	179	472
Oilseed and grain farming (1111)	-	-	128	25	1	96
Vegetable and melon farming (1112)	2	1	42	8	22	22
Fruit and tree nut farming (1113)	7	10	16	27	6	34
Greenhouse, nursery, and floriculture production (1114)	7	5	40	31	23	22
Other crop farming (1119)	22	37	67	109	49	131
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	22	37	67	109	49	131
Beef cattle ranching and farming (11211)	12	17	17	29	29	60
Cattle feedlots (112112)	1	-	1	6	-	2
Dairy cattle and milk production (11212)	-	9	12	2	5	17
Hog and pig farming (1122)	12	-	6	3	3	6
Poultry and egg production (1123)	-	-	3	11	4	7
Sheep and goat farming (1124)	-	6	25	3	8	9
Aquaculture and other animal production (1125, 1129) (see text)	8	16	47	20	29	66

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Total farms	694	353	530	406	1,085	962
Oilseed and grain farming (1111)	98	26	152	11	532	257
Vegetable and melon farming (1112)	28	10	25	7	34	26
Fruit and tree nut farming (1113)	6	17	17	5	30	17
Greenhouse, nursery, and floriculture production (1114)	22	18	12	38	65	29
Other crop farming (1119)	262	142	133	122	168	240
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	262	142	133	122	168	240
Beef cattle ranching and farming (11211)	135	41	86	83	54	149
Cattle feedlots (112112)	3	3	4	4	2	9
Dairy cattle and milk production (11212)	55	37	2	53	3	50
Hog and pig farming (1122)	13	4	14	5	11	10
Poultry and egg production (1123)	7	-	10	14	9	11
Sheep and goat farming (1124)	19	9	19	10	38	35
Aquaculture and other animal production (1125, 1129) (see text)	46	46	56	54	139	129

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Total farms	178	476	850	514	545	294
Oilseed and grain farming (1111)	16	42	123	20	82	39
Vegetable and melon farming (1112)	5	33	29	45	74	4
Fruit and tree nut farming (1113)	3	47	34	33	83	8
Greenhouse, nursery, and floriculture production (1114)	4	45	20	80	30	4
Other crop farming (1119)	67	112	216	78	137	100
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	67	112	216	78	137	100
Beef cattle ranching and farming (11211)	35	67	145	31	38	36
Cattle feedlots (112112)	2	4	7	1	4	7
Dairy cattle and milk production (11212)	7	10	53	1	12	44
Hog and pig farming (1122)	8	25	15	2	3	2
Poultry and egg production (1123)	10	17	16	24	14	13
Sheep and goat farming (1124)	3	15	48	20	11	16
Aquaculture and other animal production (1125, 1129) (see text)	18	59	144	179	57	21

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Total farms	114	625	144	193	1,130	322
Oilseed and grain farming (1111)	-	48	-	18	172	42
Vegetable and melon farming (1112)	2	8	4	6	51	10
Fruit and tree nut farming (1113)	1	12	2	15	147	13
Greenhouse, nursery, and floriculture production (1114)	2	15	-	10	136	8
Other crop farming (1119)	72	258	49	76	150	165
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	72	258	49	76	150	165
Beef cattle ranching and farming (11211)	23	146	13	19	169	34
Cattle feedlots (112112)	-	2	1	-	24	-
Dairy cattle and milk production (11212)	1	32	15	-	58	14
Hog and pig farming (1122)	-	5	13	1	23	-
Poultry and egg production (1123)	-	6	-	7	30	6
Sheep and goat farming (1124)	1	15	2	6	32	3
Aquaculture and other animal production (1125, 1129) (see text)	12	78	45	35	138	27

--continued

Table 44. Farms by North American Industry Classification System: 2017 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Total farms	48	1,250	1,077	896	1,315	62
Oilseed and grain farming (1111)	-	727	384	314	582	3
Vegetable and melon farming (1112)	-	28	43	34	33	5
Fruit and tree nut farming (1113)	-	27	20	14	31	-
Greenhouse, nursery, and floriculture production (1114)	5	36	73	13	30	3
Other crop farming (1119)	18	255	230	156	267	20
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	18	255	230	156	267	20
Beef cattle ranching and farming (112111)	9	46	102	86	157	11
Cattle feedlots (112112)	2	6	2	6	12	-
Dairy cattle and milk production (11212)	-	16	14	35	107	-
Hog and pig farming (1122)	-	3	13	22	6	2
Poultry and egg production (1123)	9	4	19	34	11	1
Sheep and goat farming (1124)	1	24	35	15	17	2
Aquaculture and other animal production (1125, 1129) (see text)	4	78	142	167	62	15

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Total farms	972	1,241	953	1,245	248	304
Oilseed and grain farming (1111)	419	518	101	327	31	13
Vegetable and melon farming (1112)	16	44	42	61	51	4
Fruit and tree nut farming (1113)	7	18	301	65	7	18
Greenhouse, nursery, and floriculture production (1114)	27	23	59	68	55	42
Other crop farming (1119)	162	298	222	243	24	110
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	162	298	222	243	24	110
Beef cattle ranching and farming (112111)	85	137	74	95	10	45
Cattle feedlots (112112)	1	5	4	9	-	1
Dairy cattle and milk production (11212)	19	41	7	20	-	17
Hog and pig farming (1122)	15	15	15	3	2	5
Poultry and egg production (1123)	7	25	16	48	1	9
Sheep and goat farming (1124)	72	24	28	75	8	4
Aquaculture and other animal production (1125, 1129) (see text)	142	93	84	231	59	36

Table 45. Selected Operation and Producer Characteristics: 2017

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
FARMS						
Land in farms	farms 47,641	223	126	1,172	415	333
	acres 9,764,090	36,431	20,961	229,743	65,388	55,565
Harvested cropland	farms 35,147	179	102	907	319	260
	acres 7,214,667	20,042	7,799	181,865	35,668	24,661
TENURE						
Full owners	farms 32,208	151	86	774	305	271
	acres 2,460,702	15,754	6,955	43,914	25,402	31,145
Harvested cropland	farms 20,763	109	68	544	213	207
	acres 1,003,941	(D)	748	20,534	(D)	(D)
Part owners	farms 13,383	69	37	345	101	56
	acres 6,818,076	20,527	13,997	176,108	39,286	24,121
Owned land in farms	acres 3,298,274	9,002	6,911	77,202	19,217	15,607
Rented land in farms	acres 3,519,802	11,525	7,086	98,906	20,069	8,514
Harvested cropland	farms 12,713	67	31	322	97	51
	acres 5,774,604	14,342	7,048	152,126	28,886	14,515
Tenants	farms 2,050	3	3	53	9	6
	acres 485,312	150	9	9,721	700	299
Harvested cropland	farms 1,671	3	3	41	9	2
	acres 436,122	(D)	3	9,205	(D)	(D)
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers	number 80,432	346	226	2,062	662	559
Farms by number of producers:						
1 producer	21,709	136	33	492	204	143
2 producers	21,735	65	88	553	188	169
3 producers	2,563	10	3	81	14	13
4 producers	1,167	11	2	32	5	6
5 or more producers	467	1	-	14	4	2
Total male producers	number 51,989	224	125	1,343	425	348
Farms by number of male producers:						
1 producer	37,927	186	111	900	355	277
2 producers	4,548	13	7	133	20	23
3 producers	1,098	-	-	43	10	4
4 producers	235	3	-	7	-	-
5 or more producers	115	-	-	4	-	2
Total female producers	number 28,443	122	101	719	237	211
Farms by number of female producers:						
1 producer	24,212	86	89	608	200	191
2 producers	1,622	18	6	38	17	10
3 producers	200	-	-	5	1	-
4 producers	63	-	-	5	-	-
5 or more producers	22	-	-	-	-	-
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	51,449	222	125	1,323	421	342
Female	27,955	122	101	702	237	210
Hired managers (see text)	4,499	10	6	175	13	39
Primary occupation:						
Farming	34,706	178	89	906	252	265
Other	44,698	166	137	1,119	406	287
Place of residence:						
On farm operated	63,913	290	198	1,616	549	377
Not on farm operated	15,491	54	28	409	109	175
Days worked off farm:						
None	33,132	162	64	861	250	228
Any	46,272	182	162	1,164	408	324
1 to 49 days	6,652	38	26	158	80	57
50 to 99 days	3,277	21	19	105	21	21
100 to 199 days	5,906	28	18	125	53	57
200 days or more	30,437	95	99	776	254	189
Years on present farm:						
2 years or less	4,559	14	32	92	41	36
3 or 4 years	5,759	51	28	86	58	46
5 to 9 years	11,170	36	51	270	68	89
10 years or more	57,916	243	115	1,577	491	381
Average years on present farm	22.7	20.2	14.5	23.5	23.5	21.6
Years operating any farm (see text):						
5 years or less	10,752	67	62	182	101	89
6 to 10 years	9,496	41	41	233	51	72
11 years or more	59,156	236	123	1,610	506	391
Average years on any farm	24.6	21.0	17.5	25.1	25.6	23.4
Age group:						
Under 25 years	1,488	6	6	20	5	4
25 to 34 years	5,697	14	27	163	26	28
35 to 44 years	9,612	53	39	235	68	41
45 to 54 years	14,706	48	52	415	132	99
55 to 64 years	23,131	100	47	600	221	165
65 to 74 years	16,495	89	48	418	128	147
75 years and over	8,275	34	7	174	78	68

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
FARMS						
Land in farms .....farms	350	65	938	726	197	872
Harvested cropland .....farms	87,174	17,604	154,624	209,848	18,516	144,583
.....acres	234	51	610	569	126	748
.....acres	63,460	8,278	107,854	183,785	6,794	112,819
TENURE						
Full owners .....farms	225	37	648	408	166	590
Harvested cropland .....farms	21,167	8,855	47,232	31,396	(D)	32,558
.....acres	111	28	363	253	104	478
.....acres	7,221	4,741	19,055	18,374	(D)	13,252
Part owners .....farms	112	28	255	279	26	233
Owned land in farms .....acres	64,710	8,749	99,771	170,955	6,580	109,429
Rented land in farms .....acres	39,756	5,256	46,802	91,372	4,854	47,774
Harvested cropland .....farms	24,954	3,493	52,969	79,583	1,726	61,655
.....acres	110	23	221	279	17	226
.....acres	55,012	3,537	81,629	157,973	3,289	97,705
Tenants .....farms	13	-	35	39	5	49
Harvested cropland .....farms	1,297	-	7,621	7,497	(D)	2,596
.....acres	13	-	26	37	5	44
.....acres	1,227	-	7,170	7,438	(D)	1,862
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers number	562	120	1,573	1,142	326	1,497
Farms by number of producers:						
1 producer	175	22	394	400	86	415
2 producers	155	33	484	264	95	376
3 producers	9	8	32	45	15	40
4 producers	9	2	26	7	-	23
5 or more producers	2	-	2	10	1	18
Total male producers number	357	79	938	823	208	970
Farms by number of male producers:						
1 producer	268	45	742	568	153	677
2 producers	37	11	76	82	21	75
3 producers	1	4	8	17	3	21
4 producers	-	-	5	10	1	8
5 or more producers	2	-	-	-	-	6
Total female producers number	205	41	635	319	118	527
Farms by number of female producers:						
1 producer	181	37	538	275	112	436
2 producers	12	2	32	19	3	34
3 producers	-	-	11	2	-	5
4 producers	-	-	-	-	-	2
5 or more producers	-	-	-	-	-	-
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	352	79	938	823	208	944
Female	204	41	632	308	117	507
Hired managers (see text)	31	2	51	47	18	117
Primary occupation:						
Farming	206	49	538	557	126	730
Other	350	71	1,032	574	199	721
Place of residence:						
On farm operated	430	97	1,362	807	275	1,093
Not on farm operated	126	23	208	324	50	358
Days worked off farm:						
None	263	38	686	556	108	613
Any	293	82	884	575	217	838
1 to 49 days	46	11	94	109	18	131
50 to 99 days	6	2	53	55	23	61
100 to 199 days	41	17	117	29	49	120
200 days or more	200	52	620	382	127	526
Years on present farm:						
2 years or less	21	11	109	40	29	85
3 or 4 years	75	14	144	71	36	94
5 to 9 years	46	15	240	121	67	196
10 years or more	414	80	1,077	899	193	1,076
Average years on present farm	24.1	17.3	21.2	27.1	18.2	23.7
Years operating any farm (see text):						
5 years or less	91	25	249	109	67	179
6 to 10 years	45	9	207	111	59	144
11 years or more	420	86	1,114	911	199	1,128
Average years on any farm	25.9	18.6	23.1	28.9	20.4	26.2
Age group:						
Under 25 years	15	6	7	11	4	6
25 to 34 years	20	6	115	78	8	73
35 to 44 years	64	25	188	119	22	146
45 to 54 years	89	33	289	221	41	276
55 to 64 years	165	24	468	319	131	440
65 to 74 years	118	21	330	254	80	325
75 years and over	85	5	173	129	39	185

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
FARMS						
Land in farms	farms 789	958	747	271	330	427
	acres 239,418	213,946	198,515	29,940	44,024	89,066
Harvested cropland	farms 584	714	577	174	220	295
	acres 191,614	163,533	154,451	10,203	15,719	30,835
TENURE						
Full owners	farms 521	673	467	214	268	307
	acres 52,395	53,043	36,817	17,454	(D)	39,543
Harvested cropland	farms 322	442	305	129	165	195
	acres 26,385	24,548	13,458	3,670	4,971	9,130
Part owners	farms 236	251	243	46	56	107
	acres 180,073	152,941	147,312	12,288	19,881	47,603
Owned land in farms	acres 76,274	77,651	72,632	6,646	11,562	25,854
Rented land in farms	acres 103,799	75,290	74,680	5,642	8,319	21,749
Harvested cropland	farms 232	251	242	41	49	90
	acres 159,046	132,889	129,344	6,528	10,298	21,035
Tenants	farms 32	34	37	11	6	13
	acres 6,950	7,962	14,386	198	(D)	1,920
Harvested cropland	farms 30	21	30	4	6	10
	acres 6,183	6,096	11,649	5	450	670
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers	number 1,270	1,622	1,245	462	505	699
Farms by number of producers:						
1 producer	379	416	338	119	169	216
2 producers	361	467	341	135	152	181
3 producers	29	46	52	8	6	20
4 producers	19	21	15	6	2	3
5 or more producers	1	8	1	3	1	7
Total male producers	number 861	996	794	267	329	456
Farms by number of male producers:						
1 producer	652	787	595	201	290	352
2 producers	74	65	75	16	18	33
3 producers	19	16	12	6	1	4
4 producers	1	4	1	1	4	4
5 or more producers	-	3	1	1	-	1
Total female producers	number 409	626	451	195	176	243
Farms by number of female producers:						
1 producer	373	508	415	173	153	200
2 producers	18	45	18	5	10	14
3 producers	-	8	-	4	1	2
4 producers	-	1	-	-	-	1
5 or more producers	-	-	-	-	-	1
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	861	987	789	257	328	446
Female	407	617	451	192	175	232
Hired managers (see text)	48	54	64	23	12	17
Primary occupation:						
Farming	507	717	537	180	163	252
Other	761	887	703	269	340	426
Place of residence:						
On farm operated	1,031	1,388	1,042	365	445	540
Not on farm operated	237	216	198	84	58	138
Days worked off farm:						
None	525	712	522	183	166	243
Any	743	892	718	266	337	435
1 to 49 days	64	112	78	28	55	57
50 to 99 days	35	59	37	20	11	19
100 to 199 days	102	133	79	36	44	65
200 days or more	542	588	524	182	227	294
Years on present farm:						
2 years or less	55	105	78	28	14	51
3 or 4 years	104	138	121	33	19	76
5 to 9 years	149	183	152	66	83	109
10 years or more	960	1,178	889	322	387	442
Average years on present farm	22.7	22.3	22.4	22.3	23.2	21.3
Years operating any farm (see text):						
5 years or less	124	210	215	72	38	118
6 to 10 years	158	174	129	41	65	105
11 years or more	986	1,220	896	336	400	455
Average years on any farm	25.0	24.4	24.1	24.3	25.2	23.6
Age group:						
Under 25 years	23	34	28	-	1	13
25 to 34 years	89	117	114	19	32	46
35 to 44 years	158	206	113	49	41	97
45 to 54 years	238	282	259	77	74	142
55 to 64 years	398	421	366	138	172	162
65 to 74 years	259	362	223	90	118	140
75 years and over	103	182	137	76	65	78

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
FARMS						
Land in farms	396	1,017	45	253	158	962
farms						
acres	54,609	229,763	2,941	58,764	22,043	210,120
Harvested cropland	277	747	13	181	111	733
farms						
acres	24,957	186,551	(D)	21,424	5,514	168,296
TENURE						
Full owners	297	693	40	179	127	599
farms						
acres	24,226	46,224	2,311	26,416	(D)	43,469
Harvested cropland	183	446	10	112	86	387
farms						
acres	6,705	23,884	(D)	6,150	(D)	20,211
Part owners	88	294	5	62	30	318
farms						
acres	29,434	181,585	630	32,119	6,944	161,176
Owned land in farms	16,281	77,724	520	21,290	4,609	69,863
farms						
acres	13,153	103,861	110	10,829	2,335	91,313
Rented land in farms	83	282	3	57	24	307
farms						
acres	17,672	161,047	90	15,200	3,294	142,918
Tenants	11	30	-	12	1	45
farms						
acres	949	1,954	-	229	(D)	5,475
Harvested cropland	11	19	-	12	1	39
farms						
acres	580	1,620	-	74	(D)	5,167
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers	654	1,700	73	416	255	1,548
number						
Farms by number of producers:						
1 producer	184	471	21	129	82	437
2 producers	174	465	22	93	60	482
3 producers	33	45	-	23	11	31
4 producers	4	24	2	8	5	8
5 or more producers	1	12	-	-	-	4
Total male producers	408	1,089	35	283	172	997
number						
Farms by number of male producers:						
1 producer	318	809	29	192	126	798
2 producers	42	113	-	29	16	86
3 producers	2	5	2	11	2	9
4 producers	-	6	-	-	2	-
5 or more producers	-	3	-	-	-	-
Total female producers	246	611	38	133	83	551
number						
Farms by number of female producers:						
1 producer	208	486	38	127	79	480
2 producers	17	43	-	3	2	31
3 producers	-	2	-	-	-	3
4 producers	1	7	-	-	-	-
5 or more producers	-	1	-	-	-	-
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	407	1,081	35	283	172	995
Female	244	599	38	133	83	547
Hired managers (see text)	7	57	-	16	6	37
Primary occupation:						
Farming	317	705	14	173	89	653
Other	334	975	59	243	166	889
Place of residence:						
On farm operated	566	1,344	56	303	202	1,313
Not on farm operated	85	336	17	113	53	229
Days worked off farm:						
None	322	645	15	191	82	690
Any	329	1,035	58	225	173	852
1 to 49 days	54	176	2	24	38	87
50 to 99 days	20	58	3	22	13	47
100 to 199 days	48	128	2	24	20	96
200 days or more	207	673	51	155	102	622
Years on present farm:						
2 years or less	50	83	2	31	15	55
3 or 4 years	75	83	14	30	2	99
5 to 9 years	68	152	3	55	40	158
10 years or more	458	1,362	54	300	198	1,230
Average years on present farm	22.0	25.9	19.2	22.8	21.5	24.5
Years operating any farm (see text):						
5 years or less	103	151	16	64	18	184
6 to 10 years	67	130	3	45	47	109
11 years or more	481	1,399	54	307	190	1,249
Average years on any farm	23.7	27.4	20.5	23.9	22.2	26.2
Age group:						
Under 25 years	33	12	2	23	4	19
25 to 34 years	49	110	-	37	8	100
35 to 44 years	74	207	23	39	38	162
45 to 54 years	93	266	19	50	46	261
55 to 64 years	147	481	9	117	89	473
65 to 74 years	171	405	10	107	49	345
75 years and over	84	199	10	43	21	182

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
FARMS						
Land in farms	324	820	459	54	497	812
Harvested cropland	39,256	123,920	58,586	5,535	50,886	296,702
..... farms	238	581	344	36	394	634
..... acres	12,896	96,854	29,550	1,299	29,997	259,408
TENURE						
Full owners	254	582	340	46	371	479
..... farms	23,612	28,820	28,337	4,300	20,980	49,516
Harvested cropland	170	364	233	30	277	314
..... farms	(D)	12,047	(D)	805	7,875	33,432
..... acres						
Part owners	64	201	114	8	113	278
..... farms	15,379	90,273	30,079	1,235	26,796	225,299
Owned land in farms	8,746	33,771	15,857	599	16,358	93,759
..... acres	6,633	56,502	14,222	636	10,438	131,540
Rented land in farms	64	190	110	6	105	271
Harvested cropland	8,873	80,573	20,353	494	19,361	205,502
..... farms						
..... acres						
Tenants	6	37	5	-	13	55
..... farms	265	4,827	170	-	3,110	21,887
Harvested cropland	4	27	1	-	12	49
..... farms	(D)	4,234	(D)	-	2,761	20,474
..... acres						
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers	627	1,352	725	101	943	1,278
Farms by number of producers:						
1 producer	142	412	230	14	174	435
2 producers	146	344	206	35	263	311
3 producers	16	30	11	3	28	52
4 producers	9	21	10	2	20	10
5 or more producers	11	13	2	-	12	4
Total male producers	391	840	460	58	556	972
Farms by number of male producers:						
1 producer	271	625	376	48	385	641
2 producers	22	72	34	2	43	115
3 producers	5	14	2	2	14	27
4 producers	1	5	-	-	6	5
5 or more producers	9	1	2	-	3	-
Total female producers	236	512	265	43	387	306
Farms by number of female producers:						
1 producer	168	404	241	37	330	285
2 producers	13	45	12	3	19	6
3 producers	-	2	-	-	5	3
4 producers	1	3	-	-	1	-
5 or more producers	7	-	-	-	-	-
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	354	820	458	58	541	968
Female	208	506	265	43	371	301
Hired managers (see text)	57	64	16	3	64	64
Primary occupation:						
Farming	210	624	287	19	362	636
Other	352	702	436	82	550	633
Place of residence:						
On farm operated	412	1,091	604	84	739	978
Not on farm operated	150	235	119	17	173	291
Days worked off farm:						
None	227	555	277	21	337	629
Any	335	771	446	80	575	640
1 to 49 days	63	103	72	3	64	84
50 to 99 days	23	49	46	9	58	28
100 to 199 days	62	73	43	15	87	78
200 days or more	187	546	285	53	366	450
Years on present farm:						
2 years or less	81	100	16	7	46	67
3 or 4 years	60	67	50	6	67	68
5 to 9 years	101	191	118	33	134	199
10 years or more	320	968	539	55	665	935
Average years on present farm	17.0	22.8	22.8	17.2	23.2	25.4
Years operating any farm (see text):						
5 years or less	172	184	86	23	112	123
6 to 10 years	51	145	104	26	117	151
11 years or more	339	997	533	52	683	995
Average years on any farm	19.5	25.0	24.4	17.6	24.8	27.8
Age group:						
Under 25 years	10	37	16	8	16	42
25 to 34 years	51	73	61	9	65	132
35 to 44 years	51	105	75	9	101	161
45 to 54 years	117	236	144	11	117	244
55 to 64 years	142	433	183	43	296	309
65 to 74 years	141	301	172	18	211	251
75 years and over	50	141	72	3	106	130

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
FARMS						
Land in farms	farms 1,205	208	1,153	912	954	244
Harvested cropland	acres 254,245	26,016	495,258	178,200	233,990	33,828
.....	farms 777	147	850	664	712	173
.....	acres 191,068	9,740	430,557	144,920	187,157	19,239
TENURE						
Full owners	farms 843	162	641	658	594	175
.....	acres 65,080	13,890	87,785	33,980	44,327	(D)
Harvested cropland	farms 443	105	361	424	371	104
.....	acres 24,718	2,802	52,062	16,603	21,417	(D)
Part owners	farms 312	36	433	219	332	67
.....	acres 174,722	10,518	350,794	141,717	184,012	22,157
Owned land in farms	acres 80,568	5,453	166,529	67,486	91,980	12,726
Rented land in farms	acres 94,154	5,065	184,265	74,231	92,032	9,431
Harvested cropland	farms 296	36	417	212	317	67
.....	acres 152,865	5,988	325,299	126,213	160,496	16,110
Tenants	farms 50	10	79	35	28	2
.....	acres 14,443	1,608	56,679	2,503	5,651	(D)
Harvested cropland	farms 38	6	72	28	24	2
.....	acres 13,485	950	53,196	2,104	5,244	(D)
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers	number 1,988	346	1,913	1,613	1,595	403
Farms by number of producers:						
1 producer	557	91	606	347	421	107
2 producers	550	98	413	467	452	124
3 producers	70	17	78	66	58	7
4 producers	24	2	45	28	19	5
5 or more producers	4	-	11	4	4	1
Total male producers	number 1,269	211	1,390	970	1,036	242
Farms by number of male producers:						
1 producer	992	171	872	694	750	205
2 producers	101	20	167	102	107	11
3 producers	15	-	43	20	24	5
4 producers	5	-	9	3	-	-
5 or more producers	1	-	3	-	-	-
Total female producers	number 719	135	523	643	559	161
Farms by number of female producers:						
1 producer	634	109	425	517	479	153
2 producers	38	13	39	54	34	2
3 producers	3	-	5	6	4	-
4 producers	-	-	-	-	-	1
5 or more producers	-	-	1	-	-	-
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	1,262	211	1,376	968	1,036	241
Female	717	135	514	639	555	159
Hired managers (see text)	68	2	159	94	69	8
Primary occupation:						
Farming	811	134	994	638	739	149
Other	1,168	212	896	969	852	251
Place of residence:						
On farm operated	1,586	295	1,342	1,370	1,339	323
Not on farm operated	393	51	548	237	252	77
Days worked off farm:						
None	851	101	920	603	689	164
Any	1,128	245	970	1,004	902	236
1 to 49 days	157	36	217	132	89	38
50 to 99 days	68	17	83	42	54	30
100 to 199 days	120	50	91	126	135	41
200 days or more	783	142	579	704	624	127
Years on present farm:						
2 years or less	72	49	45	136	101	21
3 or 4 years	118	15	115	148	89	23
5 to 9 years	212	42	229	298	185	57
10 years or more	1,577	240	1,501	1,025	1,216	299
Average years on present farm	24.8	18.8	26.0	21.2	24.4	20.6
Years operating any farm (see text):						
5 years or less	184	57	205	303	162	39
6 to 10 years	173	52	181	253	176	56
11 years or more	1,622	237	1,504	1,051	1,253	305
Average years on any farm	26.8	20.5	27.3	23.0	26.2	22.6
Age group:						
Under 25 years	25	17	46	35	24	2
25 to 34 years	140	22	107	145	115	11
35 to 44 years	235	32	234	246	204	32
45 to 54 years	315	73	441	262	340	57
55 to 64 years	562	107	505	438	462	166
65 to 74 years	442	64	366	298	301	95
75 years and over	260	31	191	183	145	37

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
FARMS						
Land in farms	133	959	923	707	225	1,010
farms						
acres	23,450	211,752	160,412	138,569	27,137	157,466
Harvested cropland	107	734	668	513	133	740
farms						
acres	8,251	158,504	114,362	106,116	9,343	114,998
TENURE						
Full owners	92	629	641	498	188	687
farms						
acres	7,803	57,374	39,261	34,717	17,993	34,988
Harvested cropland	67	429	411	315	110	449
farms						
acres	1,620	25,316	14,112	16,116	4,997	13,865
Part owners	37	287	248	181	31	277
farms						
acres	15,347	151,008	114,476	86,981	9,096	117,840
Owned land in farms	10,466	68,562	49,887	38,702	5,841	55,651
acres						
Rented land in farms	4,881	82,446	64,589	48,279	3,255	62,189
acres						
Harvested cropland	36	278	229	172	23	260
farms						
acres	6,331	130,571	94,420	73,527	4,346	98,014
Tenants	4	43	34	28	6	46
farms						
acres	300	3,370	6,675	16,871	48	4,638
Harvested cropland	4	27	28	26	-	31
farms						
acres	300	2,617	5,830	16,473	-	3,119
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers	202	1,554	1,541	1,252	372	1,787
number						
Farms by number of producers:						
1 producer	74	488	427	291	107	429
2 producers	51	405	414	352	104	472
3 producers	6	36	58	45	4	50
4 producers	2	13	20	11	6	43
5 or more producers	-	17	4	8	4	16
Total male producers	132	1,082	964	775	227	1,156
number						
Farms by number of male producers:						
1 producer	100	801	724	537	187	771
2 producers	10	73	70	73	5	125
3 producers	4	33	24	21	10	28
4 producers	-	1	7	2	-	10
5 or more producers	-	6	-	3	-	2
Total female producers	70	472	577	477	145	631
number						
Farms by number of female producers:						
1 producer	70	407	489	402	132	524
2 producers	-	22	34	19	3	32
3 producers	-	2	-	-	1	13
4 producers	-	2	2	2	1	1
5 or more producers	-	1	2	4	-	-
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	132	1,069	960	756	225	1,146
Female	70	457	565	450	142	613
Hired managers (see text)	12	59	62	126	10	192
Primary occupation:						
Farming	99	655	639	541	132	771
Other	103	871	886	665	235	988
Place of residence:						
On farm operated	149	1,194	1,266	939	300	1,442
Not on farm operated	53	332	259	267	67	317
Days worked off farm:						
None	98	674	601	488	134	659
Any	104	852	924	718	233	1,100
1 to 49 days	19	118	101	109	29	163
50 to 99 days	12	37	54	29	24	81
100 to 199 days	16	113	109	84	21	144
200 days or more	57	584	660	496	159	712
Years on present farm:						
2 years or less	21	90	90	59	5	114
3 or 4 years	9	90	86	60	74	151
5 to 9 years	23	272	203	153	50	310
10 years or more	149	1,074	1,146	934	238	1,184
Average years on present farm	21.6	22.3	23.1	23.5	21.1	21.5
Years operating any farm (see text):						
5 years or less	38	230	202	139	81	333
6 to 10 years	6	187	179	117	38	239
11 years or more	158	1,109	1,144	950	248	1,187
Average years on any farm	23.5	24.2	24.4	25.1	22.2	23.1
Age group:						
Under 25 years	-	24	22	9	3	42
25 to 34 years	6	127	120	76	21	161
35 to 44 years	16	181	127	163	35	234
45 to 54 years	24	324	322	250	60	306
55 to 64 years	86	404	413	352	120	546
65 to 74 years	45	288	344	231	79	346
75 years and over	25	178	177	125	49	124

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
FARMS						
Land in farms .....farms	9	168	1,013	470	1,361	724
.....acres	240	21,630	165,464	50,053	385,784	89,370
Harvested cropland .....farms	6	121	730	374	955	479
.....acres	30	8,701	120,062	23,968	322,729	59,573
TENURE						
Full owners .....farms	9	134	689	353	831	555
.....acres	240	13,742	46,745	25,251	58,858	34,691
Harvested cropland .....farms	6	91	431	269	444	335
.....acres	30	4,083	18,123	8,725	26,442	15,596
Part owners .....farms	-	34	278	88	438	134
.....acres	-	7,888	105,472	23,836	292,944	49,747
Owned land in farms .....acres	-	3,742	55,371	14,966	140,398	24,836
Rented land in farms .....acres	-	4,146	50,101	8,870	152,546	24,911
Harvested cropland .....farms	-	30	261	86	423	123
.....acres	-	4,618	90,331	14,641	263,116	40,207
Tenants .....farms	-	-	46	29	92	35
.....acres	-	-	13,247	966	33,982	4,932
Harvested cropland .....farms	-	-	38	19	88	21
.....acres	-	-	11,608	602	33,171	3,770
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers number	9	280	1,782	899	2,212	1,268
Farms by number of producers:						
1 producer number	9	78	397	181	664	248
2 producers number	-	80	507	212	602	440
3 producers number	-	5	71	39	67	15
4 producers number	-	-	32	22	17	13
5 or more producers number	-	5	6	16	11	8
Total male producers number	-	170	1,069	559	1,506	712
Farms by number of male producers:						
1 producer number	-	153	803	358	1,118	596
2 producers number	-	4	97	49	127	40
3 producers number	-	3	20	19	30	5
4 producers number	-	-	3	3	11	4
5 or more producers number	-	-	-	6	-	1
Total female producers number	9	110	713	340	706	556
Farms by number of female producers:						
1 producer number	9	88	601	259	642	496
2 producers number	-	5	56	27	17	22
3 producers number	-	4	-	9	2	4
4 producers number	-	-	-	-	6	1
5 or more producers number	-	-	-	-	-	-
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male number	-	168	1,067	541	1,493	706
Female number	9	105	709	333	688	551
Hired managers (see text) number	-	6	85	119	110	76
Primary occupation:						
Farming number	-	91	828	422	927	531
Other number	9	182	948	452	1,254	726
Place of residence:						
On farm operated number	3	230	1,555	593	1,708	1,154
Not on farm operated number	6	43	221	281	473	103
Days worked off farm:						
None number	-	97	763	373	932	528
Any number	9	176	1,013	501	1,249	729
1 to 49 days number	-	30	110	97	194	108
50 to 99 days number	-	12	101	52	62	49
100 to 199 days number	-	17	113	73	142	103
200 days or more number	9	117	689	279	851	469
Years on present farm:						
2 years or less number	6	14	96	78	106	90
3 or 4 years number	-	17	146	100	96	89
5 to 9 years number	-	49	305	182	262	238
10 years or more number	3	193	1,229	514	1,717	840
Average years on present farm number	13.0	22.2	21.6	18.2	25.2	21.6
Years operating any farm (see text):						
5 years or less number	6	28	255	177	226	219
6 to 10 years number	-	38	268	187	215	159
11 years or more number	3	207	1,253	510	1,740	879
Average years on any farm number	13.0	24.9	23.4	20.3	27.6	23.4
Age group:						
Under 25 years number	-	-	43	11	28	20
25 to 34 years number	6	20	145	86	119	67
35 to 44 years number	-	27	195	117	196	169
45 to 54 years number	-	45	344	163	368	182
55 to 64 years number	3	80	558	220	644	421
65 to 74 years number	-	77	308	192	514	266
75 years and over number	-	24	183	85	312	132

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
FARMS						
Land in farms	71	101	404	274	179	472
farms						
acres	9,895	25,046	73,660	41,371	30,250	85,429
Harvested cropland	38	82	325	211	118	356
farms						
acres	(D)	10,347	61,906	13,199	9,427	51,987
TENURE						
Full owners	59	69	230	214	142	310
farms						
acres	(D)	7,937	10,003	26,168	(D)	22,478
Harvested cropland	28	52	151	157	86	203
farms						
acres	1,039	(D)	4,065	(D)	4,651	6,313
Part owners	11	28	142	56	29	146
farms						
acres	4,932	16,789	58,678	15,097	9,393	61,399
Owned land in farms	3,491	9,936	21,644	6,303	6,475	32,897
acres						
Rented land in farms	1,441	6,853	37,034	8,794	2,918	28,502
acres						
Harvested cropland	9	28	142	52	25	137
farms						
acres	1,465	9,148	53,181	8,993	4,766	44,332
Tenants	1	4	32	4	8	16
farms						
acres	(D)	320	4,979	106	(D)	1,552
Harvested cropland	1	2	32	2	7	16
farms						
acres	(D)	(D)	4,660	(D)	10	1,342
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers	155	175	662	454	308	724
number						
Farms by number of producers:						
1 producer	23	43	195	121	76	249
2 producers	37	49	181	139	92	200
3 producers	3	5	14	9	7	18
4 producers	1	3	9	2	1	4
5 or more producers	7	1	5	3	3	1
Total male producers	82	118	429	284	170	493
number						
Farms by number of male producers:						
1 producer	50	86	306	241	137	415
2 producers	1	10	29	12	9	28
3 producers	7	4	19	5	1	6
4 producers	-	-	2	1	-	1
5 or more producers	1	-	-	-	2	-
Total female producers	73	57	233	170	138	231
number						
Farms by number of female producers:						
1 producer	51	47	197	146	120	217
2 producers	2	3	15	7	7	7
3 producers	6	-	2	2	-	-
4 producers	-	1	-	1	1	-
5 or more producers	-	-	-	-	-	-
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	77	117	426	279	162	493
Female	61	55	229	167	135	230
Hired managers (see text)	9	2	68	12	15	38
Primary occupation:						
Farming	55	56	353	187	128	280
Other	83	116	302	259	169	443
Place of residence:						
On farm operated	106	142	509	353	244	600
Not on farm operated	32	30	146	93	53	123
Days worked off farm:						
None	52	56	290	190	120	300
Any	86	116	365	256	177	423
1 to 49 days	10	22	47	57	26	55
50 to 99 days	6	9	34	27	18	24
100 to 199 days	12	15	62	34	29	58
200 days or more	58	70	222	138	104	286
Years on present farm:						
2 years or less	18	4	31	68	14	29
3 or 4 years	44	24	38	42	32	78
5 to 9 years	6	50	93	63	32	108
10 years or more	70	94	493	273	219	508
Average years on present farm	14.3	16.5	24.1	20.0	19.3	21.2
Years operating any farm (see text):						
5 years or less	56	24	68	102	57	132
6 to 10 years	-	43	86	57	37	87
11 years or more	82	105	501	287	203	504
Average years on any farm	17.7	19.5	25.4	21.8	20.8	22.3
Age group:						
Under 25 years	-	6	21	4	8	17
25 to 34 years	9	5	25	43	18	48
35 to 44 years	20	20	56	48	28	81
45 to 54 years	31	54	152	69	65	123
55 to 64 years	34	49	221	129	88	232
65 to 74 years	35	31	116	93	77	157
75 years and over	9	7	64	60	13	65

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
FARMS						
Land in farms	694	353	530	406	1,085	962
farms						
acres	115,118	79,621	87,688	113,624	209,838	230,362
Harvested cropland	536	264	360	289	822	693
farms						
acres	67,217	38,250	61,885	79,495	188,153	176,344
TENURE						
Full owners	471	231	381	244	633	656
farms						
acres	42,857	(D)	25,304	19,878	23,876	46,403
Harvested cropland	329	152	220	144	387	406
farms						
acres	12,925	(D)	9,048	4,837	13,863	15,643
Part owners	205	120	134	156	386	275
farms						
acres	71,317	52,475	59,534	93,428	159,417	180,736
Owned land in farms	31,553	30,494	27,623	58,251	60,555	94,671
acres						
Rented land in farms	39,764	21,981	31,911	35,177	98,862	86,065
acres						
Harvested cropland	192	110	127	139	378	258
farms						
acres	53,749	31,752	50,016	74,350	148,450	158,076
Tenants	18	2	15	6	66	31
farms						
acres	944	(D)	2,850	318	26,545	3,223
Harvested cropland	15	2	13	6	57	29
farms						
acres	543	(D)	2,821	308	25,840	2,625
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers	1,183	595	880	753	1,760	1,639
number						
Farms by number of producers:						
1 producer	297	155	229	170	538	406
2 producers	334	164	267	166	457	479
3 producers	40	24	23	43	58	40
4 producers	21	10	9	17	28	31
5 or more producers	2	-	2	10	4	6
Total male producers	746	380	542	517	1,214	1,073
number						
Farms by number of male producers:						
1 producer	588	281	423	302	869	781
2 producers	55	36	44	52	125	103
3 producers	8	9	9	20	29	21
4 producers	6	-	1	4	2	2
5 or more producers	-	-	-	7	-	3
Total female producers	437	215	338	236	546	566
number						
Farms by number of female producers:						
1 producer	374	193	292	184	465	493
2 producers	26	11	19	24	36	28
3 producers	1	-	-	-	3	4
4 producers	2	-	2	1	-	-
5 or more producers	-	-	-	-	-	1
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	744	380	542	509	1,212	1,068
Female	433	215	334	230	542	564
Hired managers (see text)	44	17	26	89	82	64
Primary occupation:						
Farming	540	255	345	347	712	658
Other	637	340	531	392	1,042	974
Place of residence:						
On farm operated	994	512	712	572	1,400	1,315
Not on farm operated	183	83	164	167	354	317
Days worked off farm:						
None	471	288	375	321	658	653
Any	706	307	501	418	1,096	979
1 to 49 days	142	44	82	80	135	169
50 to 99 days	56	19	48	52	85	53
100 to 199 days	115	35	57	41	134	80
200 days or more	393	209	314	245	742	677
Years on present farm:						
2 years or less	69	13	56	63	86	94
3 or 4 years	63	28	72	36	89	99
5 to 9 years	197	64	112	107	284	254
10 years or more	848	490	636	533	1,295	1,185
Average years on present farm	21.8	24.4	22.7	20.6	24.0	21.4
Years operating any farm (see text):						
5 years or less	147	51	114	88	254	204
6 to 10 years	150	49	106	70	197	254
11 years or more	880	495	656	581	1,303	1,174
Average years on any farm	24.6	25.6	24.0	22.9	25.6	22.9
Age group:						
Under 25 years	27	9	14	10	43	23
25 to 34 years	109	24	68	73	105	157
35 to 44 years	216	54	85	85	160	208
45 to 54 years	207	130	184	157	352	350
55 to 64 years	269	185	228	212	563	453
65 to 74 years	222	137	202	128	360	296
75 years and over	127	56	95	74	171	145

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
FARMS						
Land in farms	178	476	850	514	545	294
farms	26,099	63,182	136,232	28,856	127,077	70,099
Harvested cropland	118	329	620	318	425	229
farms	13,634	39,560	86,982	14,321	78,595	43,589
acres						
TENURE						
Full owners	124	354	623	435	354	178
farms	(D)	19,813	45,846	16,531	43,460	18,398
Harvested cropland	70	228	407	247	264	121
farms	(D)	(D)	16,252	4,502	16,642	5,422
acres						
Part owners	53	112	210	53	160	103
farms	15,199	41,619	84,487	10,549	72,267	49,130
acres	10,313	23,409	44,253	2,494	41,236	24,865
Owned land in farms	4,886	18,210	40,234	8,055	31,031	24,265
acres	47	96	199	47	143	101
Rented land in farms	10,500	32,590	64,948	8,428	54,014	35,613
acres						
Tenants	1	10	17	26	31	13
farms	(D)	1,750	5,899	1,776	11,350	2,571
acres	1	5	14	24	18	7
Harvested cropland	(D)	(D)	5,782	1,391	7,939	2,554
farms						
acres						
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers	278	844	1,431	938	975	551
number						
Farms by number of producers:						
1 producer	87	196	371	210	240	130
2 producers	83	232	412	234	217	117
3 producers	7	29	42	43	62	23
4 producers	1	12	19	21	20	8
5 or more producers	-	7	6	6	6	16
Total male producers	171	519	944	518	641	348
number						
Farms by number of male producers:						
1 producer	136	388	746	364	405	217
2 producers	13	46	48	42	72	27
3 producers	3	5	20	16	22	15
4 producers	-	2	8	-	4	8
5 or more producers	-	3	2	3	2	-
Total female producers	107	325	487	420	334	203
number						
Farms by number of female producers:						
1 producer	105	266	421	303	269	147
2 producers	1	14	27	46	27	16
3 producers	-	7	4	7	1	8
4 producers	-	1	-	1	2	-
5 or more producers	-	1	-	-	-	-
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	171	507	942	503	637	340
Female	107	316	479	412	327	189
Hired managers (see text)	10	66	77	66	109	65
Primary occupation:						
Farming	106	371	613	357	461	279
Other	172	452	808	558	503	250
Place of residence:						
On farm operated	221	695	1,197	738	674	431
Not on farm operated	57	128	224	177	290	98
Days worked off farm:						
None	137	337	570	305	380	235
Any	141	486	851	610	584	294
1 to 49 days	14	35	115	80	109	32
50 to 99 days	8	33	48	51	44	17
100 to 199 days	28	75	113	101	81	48
200 days or more	91	343	575	378	350	197
Years on present farm:						
2 years or less	19	92	71	32	60	46
3 or 4 years	37	20	113	123	68	40
5 to 9 years	47	155	214	155	121	88
10 years or more	175	556	1,023	605	715	355
Average years on present farm	19.8	20.3	21.0	19.8	22.7	18.9
Years operating any farm (see text):						
5 years or less	59	104	173	146	131	97
6 to 10 years	33	167	178	149	126	75
11 years or more	186	552	1,070	620	707	357
Average years on any farm	22.6	22.2	23.2	21.3	25.0	20.4
Age group:						
Under 25 years	4	16	23	6	10	38
25 to 34 years	21	71	107	74	91	43
35 to 44 years	9	120	191	113	102	71
45 to 54 years	59	169	269	139	190	89
55 to 64 years	82	205	439	312	268	150
65 to 74 years	66	166	295	169	203	104
75 years and over	37	76	97	102	100	34

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
FARMS						
Land in farms .....farms	114	625	144	193	1,130	322
Harvested cropland .....acres	27,106	103,633	16,177	33,273	171,883	64,490
.....farms	94	463	70	133	911	214
.....acres	9,279	53,698	5,133	12,562	138,227	32,240
TENURE						
Full owners .....farms	84	451	106	152	730	223
Harvested cropland .....acres	17,096	40,605	9,435	22,880	34,411	28,859
.....farms	66	312	39	95	534	131
.....acres	4,052	12,879	(D)	6,606	17,271	7,968
Part owners .....farms	30	153	34	34	335	79
Owned land in farms .....acres	10,010	62,220	6,662	9,907	129,732	30,972
Rented land in farms .....acres	4,880	35,384	3,843	3,972	63,265	17,963
Harvested cropland .....acres	5,130	26,836	2,819	5,935	66,467	13,009
.....farms	28	145	30	31	320	69
.....acres	5,227	40,577	3,885	5,518	114,563	21,345
Tenants .....farms	-	21	4	7	65	20
Harvested cropland .....acres	-	808	80	486	7,740	4,659
.....farms	-	6	1	7	57	14
.....acres	-	242	(D)	438	6,393	2,927
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers number	184	1,010	264	355	2,040	505
Farms by number of producers:						
1 producer number	55	296	47	69	488	172
2 producers number	51	291	85	102	488	127
3 producers number	5	25	5	11	83	13
4 producers number	3	10	5	10	45	10
5 or more producers number	-	3	2	1	26	-
Total male producers number	119	656	162	223	1,389	362
Farms by number of male producers:						
1 producer number	99	521	126	156	855	256
2 producers number	10	47	8	20	161	33
3 producers number	-	8	4	6	40	4
4 producers number	-	3	2	-	13	7
5 or more producers number	-	1	-	1	7	-
Total female producers number	65	354	102	132	651	143
Farms by number of female producers:						
1 producer number	55	321	89	111	514	132
2 producers number	2	15	4	3	56	4
3 producers number	2	1	-	5	7	1
4 producers number	-	-	-	-	1	-
5 or more producers number	-	-	1	-	-	-
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male number	119	652	161	218	1,365	362
Female number	65	353	99	132	632	143
Hired managers (see text) number	7	20	4	10	346	9
Primary occupation:						
Farming number	62	373	57	131	1,028	205
Other number	122	632	203	219	969	300
Place of residence:						
On farm operated number	152	871	219	264	1,483	394
Not on farm operated number	32	134	41	86	514	111
Days worked off farm:						
None number	61	410	80	127	856	200
Any number	123	595	180	223	1,141	305
1 to 49 days number	30	78	21	23	155	48
50 to 99 days number	14	39	9	11	100	11
100 to 199 days number	23	88	24	21	125	73
200 days or more number	56	390	126	168	761	173
Years on present farm:						
2 years or less number	11	36	37	19	57	39
3 or 4 years number	33	79	11	42	143	25
5 to 9 years number	21	147	33	47	224	72
10 years or more number	119	743	179	242	1,573	369
Average years on present farm number	20.3	23.3	17.5	20.4	24.8	22.2
Years operating any farm (see text):						
5 years or less number	40	123	45	60	242	63
6 to 10 years number	23	116	39	38	148	54
11 years or more number	121	766	176	252	1,607	388
Average years on any farm number	22.4	25.3	20.1	22.2	26.5	24.7
Age group:						
Under 25 years number	6	10	6	1	40	4
25 to 34 years number	8	66	50	22	124	32
35 to 44 years number	23	110	37	51	280	67
45 to 54 years number	28	162	47	57	355	76
55 to 64 years number	41	267	69	96	610	168
65 to 74 years number	49	254	29	80	417	107
75 years and over number	29	136	22	43	171	51

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
FARMS						
Land in farms	48	1,250	1,077	896	1,315	62
farms						
acres	5,757	327,025	182,185	244,952	436,511	15,034
Harvested cropland	24	950	861	678	1,070	39
farms						
acres	2,501	281,625	148,193	197,620	379,179	3,793
TENURE						
Full owners	39	770	687	583	723	50
farms						
(D)		54,365	38,745	40,241	84,498	6,506
acres						
Harvested cropland	17	489	501	378	507	27
farms						
acres	1,541	32,690	21,321	19,787	57,549	590
Part owners	7	402	357	253	540	12
farms						
acres	1,607	255,116	136,252	181,933	332,758	8,528
Owned land in farms	361	113,876	63,967	81,508	182,824	4,998
acres						
Rented land in farms	1,246	141,240	72,285	100,425	149,934	3,530
acres						
Harvested cropland	7	386	329	248	524	12
farms						
acres	960	231,753	119,895	157,659	303,070	3,203
Tenants	2	78	33	60	52	-
farms						
(D)		17,544	7,188	22,778	19,255	-
acres						
Harvested cropland	-	75	31	52	39	-
farms						
acres		17,182	6,977	20,174	18,560	-
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers	80	2,048	1,818	1,551	2,264	110
number						
Farms by number of producers:						
1 producer	19	644	497	388	598	29
2 producers	26	499	469	422	580	24
3 producers	3	73	69	45	78	6
4 producers	-	24	37	27	40	-
5 or more producers	-	10	5	14	19	3
Total male producers	47	1,435	1,154	1,025	1,580	63
number						
Farms by number of male producers:						
1 producer	41	1,016	828	739	1,009	50
2 producers	-	129	113	80	182	2
3 producers	2	26	28	25	49	3
4 producers	-	7	-	8	12	-
5 or more producers	-	3	3	3	2	-
Total female producers	33	613	664	526	684	47
number						
Farms by number of female producers:						
1 producer	31	534	581	453	595	29
2 producers	1	31	34	27	29	9
3 producers	-	3	5	5	5	-
4 producers	-	2	-	1	4	-
5 or more producers	-	-	-	-	-	-
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	47	1,392	1,150	1,009	1,559	63
Female	33	605	660	522	669	44
Hired managers (see text)	4	64	61	107	182	1
Primary occupation:						
Farming	26	862	778	616	1,334	27
Other	54	1,135	1,032	915	894	80
Place of residence:						
On farm operated	66	1,474	1,490	1,244	1,920	98
Not on farm operated	14	523	320	287	308	9
Days worked off farm:						
None	27	929	712	680	1,105	28
Any	53	1,068	1,098	851	1,123	79
1 to 49 days	6	163	125	125	222	10
50 to 99 days	6	77	65	66	84	22
100 to 199 days	3	109	175	82	132	17
200 days or more	38	719	733	578	685	30
Years on present farm:						
2 years or less	2	83	103	98	128	6
3 or 4 years	13	134	121	89	149	10
5 to 9 years	16	212	238	236	294	4
10 years or more	49	1,568	1,348	1,108	1,657	87
Average years on present farm	17.3	25.2	22.7	21.4	23.5	21.1
Years operating any farm (see text):						
5 years or less	21	202	223	202	282	18
6 to 10 years	17	234	222	174	279	3
11 years or more	42	1,561	1,365	1,155	1,667	86
Average years on any farm	17.6	26.9	24.4	23.3	25.7	22.8
Age group:						
Under 25 years	2	37	32	42	87	6
25 to 34 years	-	120	92	143	181	10
35 to 44 years	15	208	223	341	397	3
45 to 54 years	18	392	371	256	470	20
55 to 64 years	19	593	525	414	555	34
65 to 74 years	19	407	406	198	364	28
75 years and over	7	240	161	137	174	6

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
FARMS						
Land in farms	972	1,241	953	1,245	248	304
farms	210,473	329,785	151,784	178,995	10,037	40,208
Harvested cropland	732	903	763	865	173	230
farms	175,854	279,531	104,976	139,750	6,771	20,358
acres						
TENURE						
Full owners	649	745	751	858	163	239
farms	47,351	52,455	47,430	40,142	3,001	(D)
Harvested cropland	438	419	571	505	96	173
farms	30,807	24,906	16,850	17,664	935	(D)
acres						
Part owners	259	415	175	322	46	64
farms	152,660	246,887	89,772	127,811	6,109	18,859
Owned land in farms	71,632	120,329	45,129	54,820	1,827	10,320
acres	81,028	126,558	44,643	72,991	4,282	8,539
Rented land in farms	243	406	173	314	45	56
Harvested cropland	136,141	225,074	75,051	112,409	5,160	11,071
farms						
acres						
Tenants	64	81	27	65	39	1
farms	10,462	30,443	14,582	11,042	927	(D)
Harvested cropland	51	78	19	46	32	1
farms	8,906	29,551	13,075	9,677	676	(D)
acres						
NUMBER OF TOTAL PRODUCERS (SEE TEXT)						
Total producers	1,561	2,036	1,631	2,144	472	488
number						
Farms by number of producers:						
1 producer	483	617	411	527	99	144
2 producers	412	534	449	602	122	141
3 producers	58	45	64	61	8	15
4 producers	16	31	17	47	11	3
5 or more producers	3	14	12	8	8	1
Total male producers	1,025	1,397	1,019	1,332	241	297
number						
Farms by number of male producers:						
1 producer	778	994	753	954	161	247
2 producers	97	126	88	123	18	25
3 producers	15	30	24	41	6	-
4 producers	2	4	3	1	4	-
5 or more producers	-	8	1	1	2	-
Total female producers	536	639	612	812	231	191
number						
Farms by number of female producers:						
1 producer	492	565	523	674	163	166
2 producers	22	30	43	54	19	11
3 producers	-	2	1	10	-	1
4 producers	-	2	-	-	3	-
5 or more producers	-	-	-	-	2	-
PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	1,023	1,382	1,007	1,328	232	297
Female	534	618	610	806	211	190
Hired managers (see text)	50	122	119	86	59	14
Primary occupation:						
Farming	648	1,025	691	853	224	221
Other	909	975	926	1,281	219	266
Place of residence:						
On farm operated	1,302	1,559	1,208	1,728	226	415
Not on farm operated	255	441	409	406	217	72
Days worked off farm:						
None	617	947	589	808	178	194
Any	940	1,053	1,028	1,326	265	293
1 to 49 days	124	181	159	171	24	54
50 to 99 days	68	75	76	125	17	29
100 to 199 days	112	125	163	157	38	34
200 days or more	636	672	630	873	186	176
Years on present farm:						
2 years or less	62	65	92	160	66	43
3 or 4 years	137	84	95	168	82	57
5 to 9 years	190	353	204	293	102	71
10 years or more	1,168	1,498	1,226	1,513	193	316
Average years on present farm	24.4	24.2	21.4	22.6	15.4	19.6
Years operating any farm (see text):						
5 years or less	184	180	178	310	152	102
6 to 10 years	175	276	199	301	79	51
11 years or more	1,198	1,544	1,240	1,523	212	334
Average years on any farm	26.1	26.1	24.2	23.9	16.9	21.2
Age group:						
Under 25 years	37	29	41	44	10	13
25 to 34 years	121	148	81	139	72	33
35 to 44 years	202	278	163	248	73	74
45 to 54 years	260	317	282	377	87	95
55 to 64 years	458	618	504	667	108	120
65 to 74 years	292	422	378	433	66	102
75 years and over	187	188	168	226	27	50

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
PRODUCER CHARACTERISTICS ¹ - Con.						
Age group: - Con.						
Average age	56.6	57.8	52.0	56.1	58.2	59.7
Young producers (see text)	8,012	23	33	202	33	33
Producers of Hispanic, Latino, or Spanish origin (see text)	1,024	5	-	30	12	7
Producers by race:						
American Indian or Alaska Native	351	-	9	12	1	2
Asian	155	-	-	2	-	3
Black or African American	342	-	-	5	-	-
Native Hawaiian or Other Pacific Islander	8	-	-	-	-	-
White	78,010	343	217	1,999	657	547
More than one race reported	538	1	-	7	-	-
Military service (see text):						
Never served	71,988	268	197	1,891	589	496
Served	7,416	76	29	134	69	56
Number of persons living in producers' households (see text)	158,308	598	369	4,364	1,237	1,012
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	69,711	308	216	1,808	576	484
Land use and/or crop decisions	60,124	246	191	1,494	538	454
Livestock decisions	42,028	206	153	1,244	441	249
Record keeping and/or financial management	58,779	271	188	1,484	497	415
Estate planning or succession planning	44,474	190	116	1,135	351	308
NUMBER OF TOTAL PRINCIPAL PRODUCERS ¹ (SEE TEXT)						
Total principal producers	63,627	292	184	1,595	531	455
Farms by number of principal producers:						
1 producer	21,709	136	33	492	204	143
2 producers	33,049	97	144	825	278	272
3 producers	5,000	16	3	158	23	20
4 producers	2,702	39	4	83	14	13
Total male principal producers	45,860	209	114	1,187	386	310
Farms by number of male principal producers:						
1 producer	36,095	176	103	864	339	264
2 producers	6,789	23	11	217	31	34
3 producers	2,165	-	-	82	16	6
4 producers	557	10	-	14	-	-
Total female principal producers	17,767	83	70	408	145	145
Farms by number of female principal producers:						
1 producer	15,825	56	64	357	123	138
2 producers	1,630	27	6	35	21	7
3 producers	225	-	-	6	1	-
4 producers	68	-	-	10	-	-
PRINCIPAL PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	45,860	209	114	1,187	386	310
Female	17,767	83	70	408	145	145
Hired managers (see text)	3,133	9	4	130	8	30
Primary occupation:						
Farming	29,347	167	80	756	227	221
Other	34,280	125	104	839	304	234
Place of residence:						
On farm operated	52,218	256	164	1,290	451	316
Not on farm operated	11,409	36	20	305	80	139
Days worked off farm:						
None	26,954	146	50	677	201	188
Any	36,673	146	134	918	330	267
1 to 49 days	5,241	28	25	122	59	47
50 to 99 days	2,619	14	17	77	19	18
100 to 199 days	4,604	28	12	94	39	47
200 days or more	24,209	76	80	625	213	155
Years on present farm:						
2 years or less	3,162	8	24	59	35	30
3 or 4 years	4,185	39	23	60	40	41
5 to 9 years	8,431	29	39	188	50	76
10 years or more	47,849	216	98	1,288	406	308
Average years on present farm	23.7	21.5	14.7	24.8	24.6	21.4
Years operating any farm (see text):						
5 years or less	7,582	47	48	125	75	74
6 to 10 years	7,135	35	33	147	40	63
11 years or more	48,910	210	103	1,323	416	318
Average years on any farm	25.6	22.2	17.6	26.6	26.6	23.2
Age group:						
Under 25 years	636	6	-	8	2	3
25 to 34 years	3,762	7	19	106	17	20
35 to 44 years	7,283	40	37	162	45	34
45 to 54 years	11,612	40	42	333	108	78

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
Average age	59.0	52.0	57.4	57.9	60.3	58.7
Young producers (see text)	37	13	132	99	20	89
Producers of Hispanic, Latino, or Spanish origin (see text)	4	2	18	8	3	43
Producers by race:						
American Indian or Alaska Native	-	2	2	2	-	4
Asian	2	-	1	12	-	4
Black or African American	-	-	2	-	-	22
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	540	118	1,562	1,112	321	1,414
More than one race reported	14	-	3	5	4	7
Military service (see text):						
Never served	491	113	1,404	1,017	278	1,312
Served	65	7	166	114	47	139
Number of persons living in producers' households (see text)						
	961	251	3,072	2,225	598	2,622
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	487	109	1,396	966	285	1,322
Land use and/or crop decisions	414	94	1,186	875	247	1,145
Livestock decisions	248	80	1,018	316	165	550
Record keeping and/or financial management	420	86	1,170	833	254	1,050
Estate planning or succession planning	324	69	910	570	203	774
NUMBER OF TOTAL PRINCIPAL PRODUCERS¹ (SEE TEXT)						
Total principal producers	462	90	1,263	975	269	1,170
Farms by number of principal producers:						
1 producer	175	22	394	400	86	415
2 producers	234	52	744	422	152	586
3 producers	13	12	53	98	30	76
4 producers	32	4	66	17	-	62
Total male principal producers	324	68	856	767	183	827
Farms by number of male principal producers:						
1 producer	253	45	707	560	148	642
2 producers	61	15	117	129	27	124
3 producers	3	8	17	44	7	31
4 producers	-	-	15	34	1	18
Total female principal producers	138	22	407	208	86	343
Farms by number of female principal producers:						
1 producer	122	20	365	179	82	308
2 producers	16	2	31	27	4	34
3 producers	-	-	11	2	-	1
4 producers	-	-	-	-	-	-
PRINCIPAL PRODUCER CHARACTERISTICS¹						
Sex of producers:						
Male	324	68	856	767	183	827
Female	138	22	407	208	86	343
Hired managers (see text)	25	2	30	30	15	61
Primary occupation:						
Farming	182	35	467	513	115	586
Other	280	55	796	462	154	584
Place of residence:						
On farm operated	360	74	1,098	720	227	898
Not on farm operated	102	16	165	255	42	272
Days worked off farm:						
None	225	28	532	489	93	504
Any	237	62	731	486	176	666
1 to 49 days	44	9	75	89	14	95
50 to 99 days	3	-	48	51	22	55
100 to 199 days	30	14	101	24	35	81
200 days or more	160	39	507	322	105	435
Years on present farm:						
2 years or less	20	8	75	24	15	73
3 or 4 years	70	10	104	61	34	70
5 to 9 years	32	11	189	87	58	143
10 years or more	340	61	895	803	162	884
Average years on present farm	24.6	18.4	22.2	28.5	18.3	24.4
Years operating any farm (see text):						
5 years or less	84	16	178	80	51	135
6 to 10 years	34	7	159	80	50	109
11 years or more	344	67	926	815	168	926
Average years on any farm	26.5	19.7	24.3	30.2	20.8	27.1
Age group:						
Under 25 years	12	-	2	10	-	2
25 to 34 years	14	1	84	55	2	42
35 to 44 years	56	19	141	97	19	110
45 to 54 years	73	29	240	180	34	207

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
PRODUCER CHARACTERISTICS ¹ - Con.						
Age group: - Con.						
Average age	55.9	56.9	56.1	59.7	59.6	56.3
Young producers (see text)	122	158	154	27	35	67
Producers of Hispanic, Latino, or Spanish origin (see text)	6	19	18	12	12	10
Producers by race:						
American Indian or Alaska Native	5	15	9	2	8	30
Asian	2	-	2	-	-	8
Black or African American	-	7	33	-	-	-
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	1,256	1,575	1,177	445	484	634
More than one race reported	5	7	19	2	11	6
Military service (see text):						
Never served	1,168	1,462	1,111	408	434	567
Served	100	142	129	41	69	111
Number of persons living in producers' households (see text)						
	2,747	3,100	2,367	790	912	1,436
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	1,120	1,426	1,076	399	459	595
Land use and/or crop decisions	965	1,264	944	335	399	549
Livestock decisions	712	930	701	245	325	435
Record keeping and/or financial management	1,008	1,201	923	311	399	507
Estate planning or succession planning	713	902	715	233	303	393
NUMBER OF TOTAL PRINCIPAL PRODUCERS ¹ (SEE TEXT)						
Total principal producers	1,029	1,304	998	359	435	556
Farms by number of principal producers:						
1 producer	379	416	338	119	169	216
2 producers	559	719	502	201	245	280
3 producers	48	104	119	19	12	35
4 producers	39	48	38	14	8	7
Total male principal producers	777	892	731	232	306	409
Farms by number of male principal producers:						
1 producer	636	751	578	192	279	339
2 producers	104	98	123	24	26	50
3 producers	33	32	27	12	1	6
4 producers	4	8	2	1	-	10
Total female principal producers	252	412	267	127	129	147
Farms by number of female principal producers:						
1 producer	243	347	251	114	117	128
2 producers	9	52	16	6	12	15
3 producers	-	13	-	7	-	2
4 producers	-	-	-	-	-	2
PRINCIPAL PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	777	892	731	232	306	409
Female	252	412	267	127	129	147
Hired managers (see text)	35	32	48	19	5	11
Primary occupation:						
Farming	442	596	473	162	152	218
Other	587	708	525	197	283	338
Place of residence:						
On farm operated	851	1,143	843	293	387	448
Not on farm operated	178	161	155	66	48	108
Days worked off farm:						
None	442	595	453	149	139	217
Any	587	709	545	210	296	339
1 to 49 days	50	92	56	26	48	47
50 to 99 days	23	48	34	19	11	16
100 to 199 days	88	110	64	29	34	51
200 days or more	426	459	391	136	203	225
Years on present farm:						
2 years or less	44	81	62	19	11	47
3 or 4 years	71	96	84	26	17	60
5 to 9 years	123	138	121	52	72	73
10 years or more	791	989	731	262	335	376
Average years on present farm	23.9	23.2	23.3	22.8	23.0	21.7
Years operating any farm (see text):						
5 years or less	90	145	163	52	31	101
6 to 10 years	118	138	99	33	58	68
11 years or more	821	1,021	736	274	346	387
Average years on any farm	26.2	25.4	25.2	25.0	25.0	24.3
Age group:						
Under 25 years	16	18	19	-	-	11
25 to 34 years	56	71	91	11	28	20
35 to 44 years	126	156	73	37	39	81
45 to 54 years	181	242	204	55	64	119

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
Average age	57.1	58.3	52.7	56.8	57.0	58.0
Young producers (see text)	99	134	2	64	14	142
Producers of Hispanic, Latino, or Spanish origin (see text)	8	16	-	-	-	18
Producers by race:						
American Indian or Alaska Native	2	11	-	10	-	4
Asian	-	3	-	-	-	2
Black or African American	-	10	-	-	-	-
Native Hawaiian or Other Pacific Islander	2	-	-	-	-	-
White	643	1,644	61	403	254	1,524
More than one race reported	4	12	12	3	1	12
Military service (see text):						
Never served	583	1,537	71	332	233	1,410
Served	68	143	2	84	22	132
Number of persons living in producers' households (see text)	1,573	3,313	151	762	469	2,951
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	581	1,455	69	372	226	1,406
Land use and/or crop decisions	472	1,273	58	336	203	1,184
Livestock decisions	386	889	55	249	129	772
Record keeping and/or financial management	483	1,245	42	286	172	1,158
Estate planning or succession planning	331	988	47	221	127	936
NUMBER OF TOTAL PRINCIPAL PRODUCERS¹ (SEE TEXT)						
Total principal producers	521	1,352	61	327	195	1,248
Farms by number of principal producers:						
1 producer	184	471	21	129	82	437
2 producers	252	727	36	139	88	729
3 producers	69	91	-	32	14	56
4 producers	12	39	4	27	11	20
Total male principal producers	363	972	29	245	143	901
Farms by number of male principal producers:						
1 producer	303	787	25	182	115	762
2 producers	56	162	-	35	17	123
3 producers	4	10	4	28	5	16
4 producers	-	6	-	-	6	-
Total female principal producers	158	380	32	82	52	347
Farms by number of female principal producers:						
1 producer	128	333	32	80	52	315
2 producers	28	38	-	2	-	31
3 producers	-	1	-	-	-	1
4 producers	2	6	-	-	-	-
PRINCIPAL PRODUCER CHARACTERISTICS¹						
Sex of producers:						
Male	363	972	29	245	143	901
Female	158	380	32	82	52	347
Hired managers (see text)	6	40	-	15	4	27
Primary occupation:						
Farming	255	608	14	151	76	564
Other	266	744	47	176	119	684
Place of residence:						
On farm operated	472	1,127	48	237	165	1,072
Not on farm operated	49	225	13	90	30	176
Days worked off farm:						
None	249	529	12	136	68	565
Any	272	823	49	191	127	683
1 to 49 days	43	157	1	22	28	67
50 to 99 days	16	49	3	22	11	39
100 to 199 days	38	88	2	22	18	77
200 days or more	175	529	43	125	70	500
Years on present farm:						
2 years or less	40	62	-	22	9	36
3 or 4 years	57	56	12	27	2	82
5 to 9 years	50	111	3	34	32	121
10 years or more	374	1,123	46	244	152	1,009
Average years on present farm	23.2	27.2	20.1	23.7	22.7	25.1
Years operating any farm (see text):						
5 years or less	77	111	12	50	13	139
6 to 10 years	51	86	3	28	38	83
11 years or more	393	1,155	46	249	144	1,026
Average years on any farm	25.0	28.8	21.6	24.8	23.4	27.0
Age group:						
Under 25 years	24	6	-	18	-	11
25 to 34 years	32	79	-	17	2	63
35 to 44 years	56	140	18	33	31	135
45 to 54 years	82	212	19	38	32	201

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
PRODUCER CHARACTERISTICS ¹ - Con.						
Age group: - Con.						
Average age	56.9	57.9	56.7	52.4	58.1	55.1
Young producers (see text)	65	120	81	19	87	192
Producers of Hispanic, Latino, or Spanish origin (see text)	3	7	6	-	26	24
Producers by race:						
American Indian or Alaska Native	8	6	1	3	10	-
Asian	-	3	-	-	-	-
Black or African American	7	32	-	-	-	-
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	539	1,279	722	98	901	1,263
More than one race reported	8	6	-	-	1	6
Military service (see text):						
Never served	501	1,186	662	90	829	1,165
Served	61	140	61	11	83	104
Number of persons living in producers' households (see text)	1,014	2,488	1,395	157	1,654	2,786
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	482	1,176	654	91	804	1,095
Land use and/or crop decisions	419	967	556	80	674	995
Livestock decisions	321	736	486	72	385	521
Record keeping and/or financial management	418	933	564	72	647	984
Estate planning or succession planning	318	697	402	54	511	662
NUMBER OF TOTAL PRINCIPAL PRODUCERS ¹ (SEE TEXT)						
Total principal producers	430	1,063	581	76	707	1,032
Farms by number of principal producers:						
1 producer	142	412	230	14	174	435
2 producers	217	531	311	57	401	453
3 producers	27	51	18	3	59	111
4 producers	18	42	14	2	43	26
Total male principal producers	330	711	411	46	474	873
Farms by number of male principal producers:						
1 producer	270	592	360	42	372	621
2 producers	34	98	41	4	55	185
3 producers	9	15	2	-	30	57
4 producers	4	5	-	-	15	10
Total female principal producers	100	352	170	30	233	159
Farms by number of female principal producers:						
1 producer	89	305	159	29	209	148
2 producers	4	41	11	1	18	8
3 producers	-	2	-	-	5	3
4 producers	1	4	-	-	1	-
PRINCIPAL PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	330	711	411	46	474	873
Female	100	352	170	30	233	159
Hired managers (see text)	29	36	15	1	45	36
Primary occupation:						
Farming	158	522	243	19	292	549
Other	272	541	338	57	415	483
Place of residence:						
On farm operated	327	921	499	65	594	803
Not on farm operated	103	142	82	11	113	229
Days worked off farm:						
None	159	454	231	18	265	533
Any	271	609	350	58	442	499
1 to 49 days	43	81	59	3	53	69
50 to 99 days	18	36	37	8	49	15
100 to 199 days	52	56	33	9	66	67
200 days or more	158	436	221	38	274	348
Years on present farm:						
2 years or less	53	61	8	4	30	32
3 or 4 years	45	42	35	2	52	51
5 to 9 years	80	139	87	22	87	170
10 years or more	252	821	451	48	538	779
Average years on present farm	18.1	24.1	23.8	19.8	24.2	26.3
Years operating any farm (see text):						
5 years or less	119	108	58	11	86	86
6 to 10 years	40	108	81	20	72	124
11 years or more	271	847	442	45	549	822
Average years on any farm	21.1	26.5	25.7	20.2	25.8	28.7
Age group:						
Under 25 years	6	9	-	-	8	26
25 to 34 years	22	46	45	8	36	110
35 to 44 years	40	75	56	7	77	133
45 to 54 years	89	174	107	7	81	190

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
Average age	58.1	55.3	56.3	55.5	55.9	59.6
Young producers (see text)	191	43	168	204	156	14
Producers of Hispanic, Latino, or Spanish origin (see text)	21	4	15	15	16	3
Producers by race:						
American Indian or Alaska Native	15	-	1	2	6	1
Asian	2	-	-	-	-	-
Black or African American	9	-	1	1	-	6
Native Hawaiian or Other Pacific Islander	-	3	-	-	-	-
White	1,943	339	1,882	1,589	1,584	391
More than one race reported	10	4	6	15	1	2
Military service (see text):						
Never served	1,771	319	1,755	1,479	1,457	334
Served	208	27	135	128	134	66
Number of persons living in producers' households (see text)	3,769	673	4,015	3,054	3,253	659
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	1,687	308	1,630	1,381	1,380	350
Land use and/or crop decisions	1,423	272	1,394	1,198	1,184	310
Livestock decisions	966	212	790	932	885	218
Record keeping and/or financial management	1,396	232	1,415	1,182	1,162	296
Estate planning or succession planning	1,092	168	1,095	901	931	234
NUMBER OF TOTAL PRINCIPAL PRODUCERS¹ (SEE TEXT)						
Total principal producers	1,565	285	1,524	1,241	1,253	304
Farms by number of principal producers:						
1 producer	557	91	606	347	421	107
2 producers	817	160	610	676	674	177
3 producers	124	30	173	135	111	11
4 producers	58	4	113	72	35	7
Total male principal producers	1,124	189	1,228	827	925	210
Farms by number of male principal producers:						
1 producer	962	160	849	624	717	189
2 producers	122	29	269	152	161	15
3 producers	19	-	89	45	47	6
4 producers	17	-	18	6	-	-
Total female principal producers	441	96	296	414	328	94
Farms by number of female principal producers:						
1 producer	393	80	245	350	290	93
2 producers	45	16	43	58	34	-
3 producers	3	-	6	6	4	-
4 producers	-	-	-	-	-	1
PRINCIPAL PRODUCER CHARACTERISTICS¹						
Sex of producers:						
Male	1,124	189	1,228	827	925	210
Female	441	96	296	414	328	94
Hired managers (see text)	38	2	109	61	45	3
Primary occupation:						
Farming	658	122	840	532	634	124
Other	907	163	684	709	619	180
Place of residence:						
On farm operated	1,275	248	1,125	1,086	1,072	248
Not on farm operated	290	37	399	155	181	56
Days worked off farm:						
None	672	81	757	498	555	128
Any	893	204	767	743	698	176
1 to 49 days	121	33	178	96	73	22
50 to 99 days	59	14	64	35	44	26
100 to 199 days	83	40	64	87	113	29
200 days or more	630	117	461	525	468	99
Years on present farm:						
2 years or less	48	39	17	99	71	16
3 or 4 years	91	9	79	96	62	15
5 to 9 years	155	36	177	236	133	36
10 years or more	1,271	201	1,251	810	987	237
Average years on present farm	25.5	20.0	27.3	21.9	25.7	21.5
Years operating any farm (see text):						
5 years or less	134	46	129	228	105	24
6 to 10 years	125	40	146	190	126	39
11 years or more	1,306	199	1,249	823	1,022	241
Average years on any farm	27.6	21.4	28.6	23.6	27.7	23.5
Age group:						
Under 25 years	9	16	23	18	5	-
25 to 34 years	99	7	76	93	70	4
35 to 44 years	198	23	186	202	151	21
45 to 54 years	235	60	334	181	273	43

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
PRODUCER CHARACTERISTICS ¹ - Con.						
Age group: - Con.						
Average age	60.8	56.4	57.4	56.5	58.5	55.0
Young producers (see text)	7	160	156	92	31	226
Producers of Hispanic, Latino, or Spanish origin (see text)	-	5	7	14	1	29
Producers by race:						
American Indian or Alaska Native	-	3	5	17	-	18
Asian	6	-	3	2	-	2
Black or African American	-	2	9	3	-	2
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	196	1,505	1,499	1,172	357	1,725
More than one race reported	-	16	9	12	10	12
Military service (see text):						
Never served	174	1,376	1,365	1,089	325	1,635
Served	28	150	160	117	42	124
Number of persons living in producers' households (see text)	325	3,236	2,798	2,387	676	3,678
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	185	1,345	1,302	1,090	311	1,493
Land use and/or crop decisions	180	1,152	1,159	927	256	1,327
Livestock decisions	127	850	909	644	185	983
Record keeping and/or financial management	152	1,131	1,149	927	263	1,239
Estate planning or succession planning	141	798	844	716	194	927
NUMBER OF TOTAL PRINCIPAL PRODUCERS ¹ (SEE TEXT)						
Total principal producers	175	1,263	1,217	967	303	1,329
Farms by number of principal producers:						
1 producer	74	488	427	291	107	429
2 producers	86	637	644	546	167	698
3 producers	11	64	100	93	6	85
4 producers	4	27	38	22	18	80
Total male principal producers	115	997	835	658	198	953
Farms by number of male principal producers:						
1 producer	94	788	686	489	177	714
2 producers	17	122	100	116	3	159
3 producers	4	68	36	46	18	49
4 producers	-	4	13	3	-	24
Total female principal producers	60	266	382	309	105	376
Farms by number of female principal producers:						
1 producer	60	246	343	288	102	342
2 producers	-	10	35	15	1	23
3 producers	-	3	-	-	1	11
4 producers	-	6	4	1	1	-
PRINCIPAL PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	115	997	835	658	198	953
Female	60	266	382	309	105	376
Hired managers (see text)	8	46	40	93	7	127
Primary occupation:						
Farming	91	574	532	454	115	634
Other	84	689	685	513	188	695
Place of residence:						
On farm operated	138	1,005	1,039	774	257	1,124
Not on farm operated	37	258	178	193	46	205
Days worked off farm:						
None	88	581	484	405	108	515
Any	87	682	733	562	195	814
1 to 49 days	19	98	76	76	23	121
50 to 99 days	11	29	41	25	23	54
100 to 199 days	9	90	71	68	19	103
200 days or more	48	465	545	393	130	536
Years on present farm:						
2 years or less	17	62	49	50	2	73
3 or 4 years	7	71	68	44	57	80
5 to 9 years	22	220	162	114	35	221
10 years or more	129	910	938	759	209	955
Average years on present farm	22.1	23.1	23.8	24.6	22.7	23.2
Years operating any farm (see text):						
5 years or less	32	158	135	108	58	188
6 to 10 years	5	156	144	84	32	175
11 years or more	138	949	938	775	213	966
Average years on any farm	24.2	25.1	25.1	26.3	23.9	25.1
Age group:						
Under 25 years	-	8	12	3	-	15
25 to 34 years	5	101	72	49	13	91
35 to 44 years	13	129	99	131	19	155
45 to 54 years	15	263	251	189	53	229

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
Average age	39.7	58.0	55.9	55.9	59.2	57.5
Young producers (see text)	6	20	214	111	163	105
Producers of Hispanic, Latino, or Spanish origin (see text)	-	-	14	12	25	14
Producers by race:						
American Indian or Alaska Native	-	-	9	2	6	3
Asian	-	-	-	2	2	3
Black or African American	-	4	1	3	4	5
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	9	267	1,757	860	2,141	1,244
More than one race reported	-	2	9	7	28	2
Military service (see text):						
Never served	9	255	1,630	800	1,973	1,137
Served	-	18	146	74	208	120
Number of persons living in producers' households (see text)	24	502	3,277	1,649	4,204	2,282
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	9	246	1,579	735	1,918	1,126
Land use and/or crop decisions	9	221	1,259	646	1,621	910
Livestock decisions	3	194	1,066	340	882	759
Record keeping and/or financial management	3	203	1,270	610	1,687	858
Estate planning or succession planning	3	156	1,055	484	1,299	716
NUMBER OF TOTAL PRINCIPAL PRODUCERS¹ (SEE TEXT)						
Total principal producers	9	215	1,398	674	1,769	1,010
Farms by number of principal producers:						
1 producer	9	78	397	181	664	248
2 producers	-	114	792	309	898	688
3 producers	-	6	128	83	139	26
4 producers	-	-	60	61	36	31
Total male principal producers	-	161	937	466	1,347	609
Farms by number of male principal producers:						
1 producer	-	149	752	334	1,086	529
2 producers	-	7	142	70	178	56
3 producers	-	5	38	40	60	10
4 producers	-	-	5	3	23	13
Total female principal producers	9	54	461	208	422	401
Farms by number of female principal producers:						
1 producer	9	45	408	169	390	370
2 producers	-	1	53	30	20	29
3 producers	-	8	-	9	-	2
4 producers	-	-	-	-	12	-
PRINCIPAL PRODUCER CHARACTERISTICS¹						
Sex of producers:						
Male	-	161	937	466	1,347	609
Female	9	54	461	208	422	401
Hired managers (see text)	-	6	51	74	80	58
Primary occupation:						
Farming	-	79	683	340	776	446
Other	9	136	715	334	993	564
Place of residence:						
On farm operated	3	178	1,247	463	1,399	930
Not on farm operated	6	37	151	211	370	80
Days worked off farm:						
None	-	80	591	279	766	423
Any	9	135	807	395	1,003	587
1 to 49 days	-	25	78	85	169	82
50 to 99 days	-	8	82	34	45	44
100 to 199 days	-	10	95	58	112	90
200 days or more	9	92	552	218	677	371
Years on present farm:						
2 years or less	6	8	69	57	83	65
3 or 4 years	-	11	104	72	66	70
5 to 9 years	-	38	237	140	178	188
10 years or more	3	158	988	405	1,442	687
Average years on present farm	13.0	22.7	22.1	18.8	26.5	22.4
Years operating any farm (see text):						
5 years or less	6	17	173	132	170	163
6 to 10 years	-	30	211	149	140	126
11 years or more	3	168	1,014	393	1,459	721
Average years on any farm	13.0	25.2	24.2	20.8	29.0	24.3
Age group:						
Under 25 years	-	-	13	-	8	-
25 to 34 years	6	14	96	52	81	53
35 to 44 years	-	24	136	86	139	136
45 to 54 years	-	29	250	134	289	131

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
PRODUCER CHARACTERISTICS ¹ - Con.						
Age group: - Con.						
Average age	55.7	54.6	56.8	57.7	55.8	56.7
Young producers (see text)	15	11	51	52	32	68
Producers of Hispanic, Latino, or Spanish origin (see text)	6	-	-	6	2	10
Producers by race:						
American Indian or Alaska Native	7	3	-	-	-	2
Asian	-	2	5	-	2	1
Black or African American	-	-	-	-	-	-
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	125	161	648	441	295	711
More than one race reported	6	6	2	5	-	9
Military service (see text):						
Never served	128	153	610	396	262	646
Served	10	19	45	50	35	77
Number of persons living in producers' households (see text)	276	409	1,326	870	534	1,329
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	124	160	593	414	287	641
Land use and/or crop decisions	117	123	528	355	256	562
Livestock decisions	106	121	317	275	206	393
Record keeping and/or financial management	114	108	536	362	249	543
Estate planning or succession planning	103	89	383	241	176	390
NUMBER OF TOTAL PRINCIPAL PRODUCERS ¹ (SEE TEXT)						
Total principal producers	109	138	550	371	254	599
Farms by number of principal producers:						
1 producer	23	43	195	121	76	249
2 producers	56	80	285	225	152	307
3 producers	4	8	27	18	15	35
4 producers	1	6	31	3	3	7
Total male principal producers	66	102	375	264	154	457
Farms by number of male principal producers:						
1 producer	44	81	284	237	135	397
2 producers	2	16	44	17	14	47
3 producers	19	5	42	9	1	12
4 producers	-	-	5	1	-	1
Total female principal producers	43	36	175	107	100	142
Farms by number of female principal producers:						
1 producer	37	33	154	98	90	130
2 producers	-	3	19	8	9	12
3 producers	6	-	2	-	-	-
4 producers	-	-	-	1	1	-
PRINCIPAL PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	66	102	375	264	154	457
Female	43	36	175	107	100	142
Hired managers (see text)	3	1	52	4	13	27
Primary occupation:						
Farming	49	48	298	165	107	247
Other	60	90	252	206	147	352
Place of residence:						
On farm operated	86	117	435	300	211	499
Not on farm operated	23	21	115	71	43	100
Days worked off farm:						
None	37	42	247	153	92	253
Any	72	96	303	218	162	346
1 to 49 days	8	20	36	50	26	46
50 to 99 days	6	8	27	20	15	22
100 to 199 days	12	15	50	27	25	44
200 days or more	46	53	190	121	96	234
Years on present farm:						
2 years or less	12	4	17	57	10	19
3 or 4 years	37	14	32	31	25	56
5 to 9 years	6	44	83	53	22	85
10 years or more	54	76	418	230	197	439
Average years on present farm	13.8	16.6	24.7	19.9	20.3	22.4
Years operating any farm (see text):						
5 years or less	43	16	45	80	40	97
6 to 10 years	-	35	82	52	29	61
11 years or more	66	87	423	239	185	441
Average years on any farm	17.9	19.7	25.9	22.1	21.7	23.6
Age group:						
Under 25 years	-	-	14	2	-	9
25 to 34 years	8	5	16	34	16	34
35 to 44 years	19	17	38	36	20	66
45 to 54 years	22	41	132	61	55	95

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
Average age	54.5	58.1	57.0	55.4	57.0	55.0
Young producers (see text)	155	40	85	93	152	198
Producers of Hispanic, Latino, or Spanish origin (see text)	17	3	6	3	33	23
Producers by race:						
American Indian or Alaska Native	1	6	2	1	3	3
Asian	2	-	-	-	-	3
Black or African American	2	-	-	-	11	-
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	1,164	581	872	735	1,727	1,616
More than one race reported	8	8	2	3	13	10
Military service (see text):						
Never served	1,058	502	775	688	1,611	1,509
Served	119	93	101	51	143	123
Number of persons living in producers' households (see text)	2,597	1,128	1,612	1,602	3,501	3,465
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	1,071	523	745	608	1,542	1,402
Land use and/or crop decisions	893	439	653	463	1,346	1,207
Livestock decisions	749	377	458	433	699	976
Record keeping and/or financial management	881	444	671	450	1,304	1,170
Estate planning or succession planning	675	348	474	371	973	824
NUMBER OF TOTAL PRINCIPAL PRODUCERS¹ (SEE TEXT)						
Total principal producers	979	475	734	585	1,430	1,274
Farms by number of principal producers:						
1 producer	297	155	229	170	538	406
2 producers	525	252	432	268	703	711
3 producers	94	51	43	81	116	77
4 producers	59	17	26	42	65	70
Total male principal producers	680	336	495	451	1,064	967
Farms by number of male principal producers:						
1 producer	557	266	403	302	822	745
2 producers	90	58	63	75	182	166
3 producers	12	12	25	44	55	42
4 producers	21	-	4	14	5	8
Total female principal producers	299	139	239	134	366	307
Farms by number of female principal producers:						
1 producer	263	124	219	121	318	277
2 producers	31	15	18	13	42	27
3 producers	3	-	-	-	6	2
4 producers	2	-	2	-	-	-
PRINCIPAL PRODUCER CHARACTERISTICS¹						
Sex of producers:						
Male	680	336	495	451	1,064	967
Female	299	139	239	134	366	307
Hired managers (see text)	28	10	17	65	66	46
Primary occupation:						
Farming	470	205	301	299	586	521
Other	509	270	433	286	844	753
Place of residence:						
On farm operated	834	409	599	461	1,178	1,056
Not on farm operated	145	66	135	124	252	218
Days worked off farm:						
None	405	224	317	276	538	514
Any	574	251	417	309	892	760
1 to 49 days	117	35	73	50	105	105
50 to 99 days	44	18	43	50	58	39
100 to 199 days	85	21	50	34	114	56
200 days or more	328	177	251	175	615	560
Years on present farm:						
2 years or less	43	5	41	47	49	63
3 or 4 years	44	18	56	30	61	74
5 to 9 years	158	54	72	74	213	176
10 years or more	734	398	565	434	1,107	961
Average years on present farm	22.9	24.3	23.9	21.6	24.9	22.3
Years operating any farm (see text):						
5 years or less	103	36	79	64	178	145
6 to 10 years	122	35	72	53	139	168
11 years or more	754	404	583	468	1,113	961
Average years on any farm	25.9	25.7	25.4	23.9	26.7	24.0
Age group:						
Under 25 years	8	-	1	-	22	-
25 to 34 years	80	12	55	55	78	109
35 to 44 years	158	48	67	72	124	156
45 to 54 years	177	97	153	130	286	271

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
PRODUCER CHARACTERISTICS ¹ - Con.						
Age group: - Con.						
Average age	58.9	55.0	55.2	56.8	56.5	53.0
Young producers (see text)	29	109	146	92	108	88
Producers of Hispanic, Latino, or Spanish origin (see text)	4	11	21	10	27	1
Producers by race:						
American Indian or Alaska Native	-	2	7	1	-	2
Asian	-	-	-	2	2	-
Black or African American	-	-	-	-	-	-
Native Hawaiian or Other Pacific Islander	-	-	-	2	-	-
White	276	812	1,410	900	962	527
More than one race reported	2	9	4	10	-	-
Military service (see text):						
Never served	247	755	1,265	871	847	475
Served	31	68	156	44	117	54
Number of persons living in producers' households (see text)	485	1,706	2,997	1,749	1,927	965
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	255	722	1,274	791	829	446
Land use and/or crop decisions	225	564	1,132	686	758	396
Livestock decisions	184	475	978	548	416	341
Record keeping and/or financial management	216	578	1,101	621	708	368
Estate planning or succession planning	165	423	882	475	562	240
NUMBER OF TOTAL PRINCIPAL PRODUCERS ¹ (SEE TEXT)						
Total principal producers .....number	216	617	1,106	718	737	424
Farms by number of principal producers:						
1 producer	87	196	371	210	240	130
2 producers	117	330	581	372	313	180
3 producers	11	60	96	80	122	44
4 producers	1	21	45	38	45	20
Total male principal producers .....number	156	444	852	414	529	290
Farms by number of male principal producers:						
1 producer	129	363	714	315	369	197
2 producers	20	63	73	52	102	30
3 producers	7	11	44	42	44	37
4 producers	-	3	15	-	8	26
Total female principal producers .....number	60	173	254	304	208	134
Farms by number of female principal producers:						
1 producer	60	160	220	248	184	107
2 producers	-	9	32	46	21	13
3 producers	-	4	2	9	3	14
4 producers	-	-	-	1	-	-
PRINCIPAL PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	156	444	852	414	529	290
Female	60	173	254	304	208	134
Hired managers (see text)	9	50	61	52	71	50
Primary occupation:						
Farming	80	295	514	290	381	240
Other	136	322	592	428	356	184
Place of residence:						
On farm operated	166	523	945	602	541	351
Not on farm operated	50	94	161	116	196	73
Days worked off farm:						
None	96	243	460	236	288	193
Any	120	374	646	482	449	231
1 to 49 days	12	27	86	70	87	23
50 to 99 days	8	31	29	46	37	10
100 to 199 days	21	61	79	84	70	37
200 days or more	79	255	452	282	255	161
Years on present farm:						
2 years or less	13	71	47	23	44	25
3 or 4 years	20	11	73	102	30	32
5 to 9 years	37	98	158	126	89	66
10 years or more	146	437	828	467	574	301
Average years on present farm	20.9	21.4	22.3	20.1	24.3	20.1
Years operating any farm (see text):						
5 years or less	41	71	104	115	75	66
6 to 10 years	27	107	136	113	85	61
11 years or more	148	439	866	490	577	297
Average years on any farm	23.1	23.6	24.7	21.8	26.7	21.5
Age group:						
Under 25 years	-	2	5	2	1	32
25 to 34 years	12	33	65	41	45	28
35 to 44 years	9	87	138	85	65	52
45 to 54 years	49	137	212	105	156	66

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
Average age	58.3	58.7	51.4	57.5	56.4	57.6
Young producers (see text)	16	86	58	29	183	47
Producers of Hispanic, Latino, or Spanish origin (see text)	4	25	-	3	41	3
Producers by race:						
American Indian or Alaska Native	2	-	-	-	13	-
Asian	-	4	-	-	7	-
Black or African American	-	-	-	-	1	-
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	179	987	260	348	1,972	505
More than one race reported	3	14	-	2	4	-
Military service (see text):						
Never served	152	884	240	309	1,867	472
Served	32	121	20	41	130	33
Number of persons living in producers' households (see text)	318	2,090	692	795	4,410	947
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	161	884	236	296	1,761	451
Land use and/or crop decisions	130	777	199	279	1,479	385
Livestock decisions	97	637	190	203	990	267
Record keeping and/or financial management	130	711	214	248	1,417	383
Estate planning or succession planning	102	591	128	180	995	298
NUMBER OF TOTAL PRINCIPAL PRODUCERS¹ (SEE TEXT)						
Total principal producers	155	807	178	272	1,566	408
Farms by number of principal producers:						
1 producer	55	296	47	69	488	172
2 producers	86	447	104	154	763	184
3 producers	9	39	8	21	164	21
4 producers	5	21	15	27	91	31
Total male principal producers	110	586	149	183	1,173	319
Farms by number of male principal producers:						
1 producer	97	493	126	139	818	254
2 producers	13	74	8	29	235	36
3 producers	-	12	10	14	78	4
4 producers	-	6	5	-	28	25
Total female principal producers	45	221	29	89	393	89
Farms by number of female principal producers:						
1 producer	42	206	23	77	341	82
2 producers	1	14	6	3	41	7
3 producers	2	1	-	9	11	-
4 producers	-	-	-	-	-	-
PRINCIPAL PRODUCER CHARACTERISTICS¹						
Sex of producers:						
Male	110	586	149	183	1,173	319
Female	45	221	29	89	393	89
Hired managers (see text)	7	13	3	6	224	7
Primary occupation:						
Farming	57	325	45	105	825	180
Other	98	482	133	167	741	228
Place of residence:						
On farm operated	131	703	147	210	1,204	317
Not on farm operated	24	104	31	62	362	91
Days worked off farm:						
None	55	335	54	90	682	164
Any	100	472	124	182	884	244
1 to 49 days	26	57	12	11	120	35
50 to 99 days	12	32	8	11	78	9
100 to 199 days	23	71	15	17	90	65
200 days or more	39	312	89	143	596	135
Years on present farm:						
2 years or less	8	26	23	16	40	38
3 or 4 years	26	53	5	38	85	17
5 to 9 years	20	104	20	37	154	54
10 years or more	101	624	130	181	1,287	299
Average years on present farm	20.2	24.8	19.3	20.2	26.3	21.9
Years operating any farm (see text):						
5 years or less	32	78	29	53	150	49
6 to 10 years	21	83	20	27	103	51
11 years or more	102	646	129	192	1,313	308
Average years on any farm	22.3	27.0	21.5	22.3	28.1	24.4
Age group:						
Under 25 years	2	2	-	-	19	1
25 to 34 years	6	45	27	14	58	27
35 to 44 years	18	85	20	41	201	49
45 to 54 years	26	122	43	45	285	54

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
PRODUCER CHARACTERISTICS ¹ - Con.						
Age group: - Con.						
Average age	57.9	57.5	57.0	52.5	53.3	55.3
Young producers (see text)	2	165	131	213	308	16
Producers of Hispanic, Latino, or Spanish origin (see text)	-	20	20	7	17	-
Producers by race:						
American Indian or Alaska Native	-	-	8	-	9	3
Asian	-	3	2	4	-	-
Black or African American	-	11	4	-	3	-
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	72	1,970	1,794	1,525	2,206	102
More than one race reported	8	13	2	2	10	2
Military service (see text):						
Never served	64	1,806	1,634	1,410	2,107	98
Served	16	191	176	121	121	9
Number of persons living in producers' households (see text)						
	148	3,961	3,477	3,659	5,034	175
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	75	1,750	1,564	1,345	1,923	89
Land use and/or crop decisions	52	1,469	1,428	1,134	1,665	77
Livestock decisions	64	663	975	762	1,068	42
Record keeping and/or financial management	58	1,449	1,360	1,127	1,723	74
Estate planning or succession planning	53	1,112	1,011	881	1,301	68
NUMBER OF TOTAL PRINCIPAL PRODUCERS ¹ (SEE TEXT)						
Total principal producers	70	1,618	1,459	1,204	1,769	77
Farms by number of principal producers:						
1 producer	19	644	497	388	598	29
2 producers	44	736	690	638	864	36
3 producers	7	156	154	83	154	6
4 producers	-	60	103	63	91	-
Total male principal producers	47	1,267	1,044	914	1,406	56
Farms by number of male principal producers:						
1 producer	41	982	791	713	983	50
2 producers	-	209	179	129	291	3
3 producers	6	54	65	52	96	3
4 producers	-	15	-	11	32	-
Total female principal producers	23	351	415	290	363	21
Farms by number of female principal producers:						
1 producer	23	312	369	268	326	18
2 producers	-	35	36	15	27	3
3 producers	-	4	10	5	7	-
4 producers	-	-	-	2	3	-
PRINCIPAL PRODUCER CHARACTERISTICS ¹						
Sex of producers:						
Male	47	1,267	1,044	914	1,406	56
Female	23	351	415	290	363	21
Hired managers (see text)	4	39	46	84	154	1
Primary occupation:						
Farming	22	743	680	516	1,146	22
Other	48	875	779	688	623	55
Place of residence:						
On farm operated	58	1,217	1,209	1,011	1,536	72
Not on farm operated	12	401	250	193	233	5
Days worked off farm:						
None	21	785	586	528	909	25
Any	49	833	873	676	860	52
1 to 49 days	6	136	96	101	166	9
50 to 99 days	5	66	44	52	69	9
100 to 199 days	3	80	138	55	106	15
200 days or more	35	551	595	468	519	19
Years on present farm:						
2 years or less	2	59	89	60	77	-
3 or 4 years	13	101	86	58	96	8
5 to 9 years	16	159	181	180	224	3
10 years or more	39	1,299	1,103	906	1,372	66
Average years on present farm	16.2	26.0	23.2	22.5	24.7	22.5
Years operating any farm (see text):						
5 years or less	21	137	164	128	179	9
6 to 10 years	15	187	173	137	217	3
11 years or more	34	1,294	1,122	939	1,373	65
Average years on any farm	16.3	27.8	24.9	24.3	27.1	24.4
Age group:						
Under 25 years	2	14	17	17	40	-
25 to 34 years	-	90	66	98	125	2
35 to 44 years	15	158	164	263	298	3
45 to 54 years	15	309	303	207	371	13

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
Average age	56.3	56.4	57.8	57.0	51.1	55.6
Young producers (see text)	173	199	135	207	108	49
Producers of Hispanic, Latino, or Spanish origin (see text)	15	12	128	15	12	7
Producers by race:						
American Indian or Alaska Native	11	3	2	11	-	3
Asian	1	2	16	31	-	-
Black or African American	7	24	59	18	34	-
Native Hawaiian or Other Pacific Islander	1	-	-	-	-	-
White	1,532	1,959	1,524	2,056	386	478
More than one race reported	5	12	16	18	23	6
Military service (see text):						
Never served	1,417	1,796	1,420	1,984	417	425
Served	140	204	197	150	26	62
Number of persons living in producers' households (see text)	3,104	4,205	3,042	3,954	894	1,090
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	1,384	1,774	1,415	1,849	387	422
Land use and/or crop decisions	1,169	1,517	1,241	1,684	352	379
Livestock decisions	747	905	692	1,249	176	285
Record keeping and/or financial management	1,222	1,568	1,231	1,583	312	349
Estate planning or succession planning	882	1,175	948	1,219	204	275
NUMBER OF TOTAL PRINCIPAL PRODUCERS¹ (SEE TEXT)						
Total principal producers	1,308	1,612	1,326	1,677	365	379
Farms by number of principal producers:						
1 producer	483	617	411	527	99	144
2 producers	645	794	715	914	199	201
3 producers	131	85	125	125	13	22
4 producers	39	72	35	95	32	10
Total male principal producers	928	1,239	901	1,130	192	265
Farms by number of male principal producers:						
1 producer	739	951	707	871	142	232
2 producers	159	179	135	193	28	33
3 producers	26	73	48	64	12	-
4 producers	4	8	9	1	10	-
Total female principal producers	380	373	425	547	173	114
Farms by number of female principal producers:						
1 producer	348	348	374	473	136	100
2 producers	32	23	50	61	30	13
3 producers	-	2	1	13	-	1
4 producers	-	-	-	-	5	-
PRINCIPAL PRODUCER CHARACTERISTICS¹						
Sex of producers:						
Male	928	1,239	901	1,130	192	265
Female	380	373	425	547	173	114
Hired managers (see text)	33	95	84	57	46	9
Primary occupation:						
Farming	560	874	582	718	200	174
Other	748	738	744	959	165	205
Place of residence:						
On farm operated	1,111	1,253	1,028	1,415	193	330
Not on farm operated	197	359	298	262	172	49
Days worked off farm:						
None	514	765	488	671	156	154
Any	794	847	838	1,006	209	225
1 to 49 days	101	148	116	134	22	42
50 to 99 days	55	53	65	94	14	16
100 to 199 days	98	98	133	102	29	31
200 days or more	540	548	524	676	144	136
Years on present farm:						
2 years or less	42	48	70	72	48	31
3 or 4 years	106	58	70	136	71	41
5 to 9 years	147	286	145	220	70	52
10 years or more	1,013	1,220	1,041	1,249	176	255
Average years on present farm	25.5	24.9	22.4	24.0	16.7	20.8
Years operating any farm (see text):						
5 years or less	147	129	124	199	116	69
6 to 10 years	130	211	135	229	58	35
11 years or more	1,031	1,272	1,067	1,249	191	275
Average years on any farm	27.2	26.9	25.4	25.2	18.4	22.6
Age group:						
Under 25 years	24	9	16	19	6	3
25 to 34 years	89	92	49	89	53	20
35 to 44 years	146	222	126	180	55	61
45 to 54 years	219	246	227	316	71	75

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim
PRINCIPAL PRODUCER CHARACTERISTICS ¹ - Con.						
Age group: - Con.						
55 to 64 years	19,013	86	41	485	185	140
65 to 74 years	14,060	81	41	359	108	123
75 years and over	7,261	32	4	142	66	57
Average age	57.9	59.0	53.0	57.3	59.3	60.1
Young producers (see text)	5,021	16	19	133	19	24
Producers of Hispanic, Latino, or Spanish origin (see text)	782	5	-	14	6	7
Producers by race:						
American Indian or Alaska Native	285	-	3	9	1	-
Asian	119	-	-	-	-	3
Black or African American	296	-	-	5	-	-
Native Hawaiian or Other Pacific Islander	8	-	-	-	-	-
White	62,503	292	181	1,577	530	452
More than one race reported	416	-	-	4	-	-
Military service (see text):						
Never served	56,809	228	155	1,465	471	404
Served	6,818	64	29	130	60	51
Number of persons living in producers' households (see text)	141,581	579	326	3,799	1,088	888
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	59,503	279	184	1,495	495	415
Land use and/or crop decisions	52,579	236	173	1,274	477	395
Livestock decisions	36,078	185	131	1,015	382	219
Record keeping and/or financial management	50,586	245	158	1,232	426	361
Estate planning or succession planning	38,404	174	96	946	306	267
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	36,756	147	102	943	311	244
Dial-up service	1,344	1	-	39	6	3
DSL service	7,610	14	70	160	27	28
Cable modem service	8,236	27	10	192	104	72
Fiber-optic service	1,704	13	3	12	19	9
Mobile internet service for a cell phone or other device (see text)	15,570	72	31	409	110	109
Satellite	7,022	26	7	217	70	46
Don't know (see text)	2,748	14	5	66	26	20
Other Internet service	1,376	-	-	44	4	11
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	45,826	215	122	1,121	406	319
acres	8,865,787	34,150	17,799	210,512	62,782	50,451
Limited Liability Company	5,084	19	21	153	25	46
farms	1,864,099	2,382	1,010	62,693	3,978	9,819
acres						
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	40,523	200	105	949	389	268
acres	6,181,513	29,241	(D)	137,438	51,627	37,888
Partnership						
farms	3,246	12	12	115	15	26
acres	2,091,147	5,089	2,127	57,495	11,542	6,272
Corporation:						
Family held						
farms	2,540	8	7	81	4	31
acres	1,205,096	1,619	661	29,159	(D)	7,087
Other than family held						
farms	340	1	-	5	1	1
acres	110,465	(D)	-	329	(D)	(D)
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	992	2	2	22	6	7
acres	175,869	(D)	(D)	5,322	561	(D)

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
PRINCIPAL PRODUCER CHARACTERISTICS ¹ - Con.						
Age group: - Con.						
55 to 64 years	132	21	362	288	108	370
65 to 74 years	98	15	278	228	72	273
75 years and over	77	5	156	117	34	166
Average age	59.6	55.0	58.2	58.7	61.3	60.0
Young producers (see text)	28	2	90	74	10	48
Producers of Hispanic, Latino, or Spanish origin (see text)	4	-	14	6	3	32
Producers by race:						
American Indian or Alaska Native	-	2	2	-	-	4
Asian	-	-	1	12	-	4
Black or African American	-	-	2	-	-	20
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	449	88	1,256	957	265	1,138
More than one race reported	13	-	2	4	4	4
Military service (see text):						
Never served	400	85	1,100	867	224	1,038
Served	62	5	163	108	45	132
Number of persons living in producers' households (see text)	895	237	2,844	2,043	542	2,279
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	428	83	1,197	877	257	1,115
Land use and/or crop decisions	370	74	1,059	808	222	985
Livestock decisions	219	62	884	292	159	472
Record keeping and/or financial management	375	65	1,035	761	222	920
Estate planning or succession planning	286	51	817	518	174	708
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	260	44	771	503	167	666
Dial-up service	15	-	37	16	5	22
DSL service	47	27	274	72	32	163
Cable modem service	54	4	58	173	67	149
Fiber-optic service	9	1	26	16	-	29
Mobile internet service for a cell phone or other device (see text)	114	12	247	189	67	290
Satellite	42	6	145	91	42	113
Don't know (see text)	23	4	65	51	7	62
Other Internet service	1	-	49	15	1	19
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	344	63	916	698	189	826
acres	82,572	16,814	140,032	186,478	15,653	127,333
Limited Liability Company	22	5	99	58	36	122
farms	13,418	2,090	43,386	44,133	2,809	29,540
acres						
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	319	54	829	642	167	700
acres	63,753	(D)	103,085	(D)	10,683	84,271
Partnership						
farms	16	6	58	47	10	90
acres	10,271	2,368	34,215	37,690	2,971	35,790
Corporation:						
Family held						
farms	12	3	29	30	14	57
acres	12,843	4,350	15,388	17,324	4,533	19,531
Other than family held						
farms	2	-	-	3	2	10
acres	(D)	-	-	378	(D)	2,148
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	1	2	22	4	4	15
acres	(D)	(D)	1,936	(D)	(D)	2,843

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
PRINCIPAL PRODUCER CHARACTERISTICS ¹ - Con.						
Age group: - Con.						
55 to 64 years	316	353	292	106	153	133
65 to 74 years	239	299	199	78	92	122
75 years and over	95	165	120	72	59	70
Average age	57.1	58.1	57.1	61.1	59.5	57.4
Young producers (see text)	81	95	121	18	28	39
Producers of Hispanic, Latino, or Spanish origin (see text)	4	18	18	11	12	10
Producers by race:						
American Indian or Alaska Native	5	15	8	2	8	28
Asian	-	-	1	-	-	8
Black or African American	-	7	27	-	-	-
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	1,022	1,276	949	357	422	516
More than one race reported	2	6	13	-	5	4
Military service (see text):						
Never served	931	1,180	874	324	372	449
Served	98	124	124	35	63	107
Number of persons living in producers' households (see text)	2,474	2,822	2,174	680	858	1,249
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	962	1,224	912	340	405	510
Land use and/or crop decisions	849	1,105	829	298	358	477
Livestock decisions	604	794	597	217	298	372
Record keeping and/or financial management	859	1,046	782	268	364	433
Estate planning or succession planning	620	793	608	196	277	328
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	583	685	596	187	228	341
Dial-up service	23	35	9	10	7	27
DSL service	137	76	65	27	28	77
Cable modem service	92	119	105	33	50	73
Fiber-optic service	18	8	279	2	2	7
Mobile internet service for a cell phone or other device (see text)	263	339	161	97	100	117
Satellite	96	155	78	27	49	74
Don't know (see text)	41	63	31	19	22	35
Other Internet service	49	15	16	7	2	9
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	761	942	734	264	323	416
acres	227,154	207,748	190,327	28,619	36,965	85,298
Limited Liability Company	45	81	72	18	28	27
farms	23,403	33,294	43,924	1,691	1,915	5,717
acres						
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	697	846	653	232	304	370
acres	173,593	147,904	117,376	23,924	(D)	70,494
Partnership	44	60	47	10	14	27
farms	44,626	43,968	52,130	2,973	2,439	8,084
acres						
Corporation:						
Family held	26	30	33	17	7	12
farms	18,741	19,878	21,543	2,089	2,100	4,492
acres	3	2	-	3	1	5
Other than family held	(D)	(D)	-	78	(D)	2,836
farms						
acres						
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	19	20	14	9	4	13
acres	(D)	(D)	7,466	876	144	3,160

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
PRINCIPAL PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
55 to 64 years	108	416	8	97	69	385
65 to 74 years	142	348	6	87	44	283
75 years and over	77	151	10	37	17	170
Average age	58.4	59.1	53.6	58.0	58.4	58.9
Young producers (see text)	63	88	-	37	2	94
Producers of Hispanic, Latino, or Spanish origin (see text)	8	15	-	-	-	11
Producers by race:						
American Indian or Alaska Native	-	11	-	8	-	4
Asian	-	3	-	-	-	2
Black or African American	-	10	-	-	-	-
Native Hawaiian or Other Pacific Islander	2	-	-	-	-	-
White	517	1,316	49	316	194	1,230
More than one race reported	2	12	12	3	1	12
Military service (see text):						
Never served	468	1,232	59	247	176	1,124
Served	53	120	2	80	19	124
Number of persons living in producers' households (see text)	1,473	2,929	145	681	396	2,655
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	496	1,270	58	315	186	1,189
Land use and/or crop decisions	413	1,113	50	278	166	1,049
Livestock decisions	333	747	47	215	104	668
Record keeping and/or financial management	397	1,070	41	248	148	1,001
Estate planning or succession planning	280	880	43	192	111	816
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	224	817	32	191	123	713
Dial-up service	12	32	2	3	1	22
DSL service	40	204	10	36	16	140
Cable modem service	39	179	-	38	41	142
Fiber-optic service	10	35	-	1	-	19
Mobile internet service for a cell phone or other device (see text)	111	329	15	71	48	340
Satellite	61	141	6	45	31	117
Don't know (see text)	19	62	-	25	7	45
Other Internet service	9	14	-	4	1	13
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	387	992	45	249	150	929
acres	48,559	213,614	2,941	55,764	20,318	187,243
Limited Liability Company	21	90	3	16	18	66
farms	6,356	35,928	(D)	5,897	3,460	29,822
acres						
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	365	905	41	224	138	874
acres	40,911	150,746	(D)	41,538	(D)	162,412
Partnership						
farms	16	52	1	14	14	48
acres	5,755	59,021	(D)	11,270	4,690	34,482
Corporation:						
Family held						
farms	10	30	2	8	4	24
acres	5,079	17,304	(D)	4,610	1,105	10,642
Other than family held						
farms	1	7	-	-	-	4
acres	(D)	259	-	-	-	(D)
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	4	23	1	7	2	12
acres	(D)	2,433	(D)	1,346	(D)	(D)

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
PRINCIPAL PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
55 to 64 years	104	372	160	34	248	259
65 to 74 years	122	254	142	17	168	198
75 years and over	47	133	71	3	89	116
Average age	58.8	59.9	58.6	55.4	59.4	55.6
Young producers (see text)	31	62	48	10	48	154
Producers of Hispanic, Latino, or Spanish origin (see text)	3	4	6	-	12	18
Producers by race:						
American Indian or Alaska Native	8	6	1	1	3	-
Asian	-	-	-	-	-	-
Black or African American	6	22	-	-	-	-
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	408	1,029	580	75	703	1,026
More than one race reported	8	6	-	-	1	6
Military service (see text):						
Never served	371	941	520	65	626	944
Served	59	122	61	11	81	88
Number of persons living in producers' households (see text)	933	2,160	1,275	145	1,426	2,535
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	385	1,021	555	72	653	950
Land use and/or crop decisions	335	860	489	60	568	879
Livestock decisions	266	650	414	57	349	436
Record keeping and/or financial management	341	798	479	65	556	847
Estate planning or succession planning	261	615	346	46	433	552
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	253	695	292	45	406	657
Dial-up service	7	21	19	2	9	23
DSL service	60	103	52	3	112	143
Cable modem service	64	348	41	6	179	52
Fiber-optic service	21	8	8	2	10	23
Mobile internet service for a cell phone or other device (see text)	92	299	143	15	139	235
Satellite	42	61	83	15	26	165
Don't know (see text)	13	40	12	5	34	69
Other Internet service	6	10	10	1	6	62
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	302	796	453	53	461	785
acres	36,640	115,478	57,955	4,115	40,358	267,980
Limited Liability Company	38	83	25	4	78	50
farms	5,383	25,729	9,199	114	10,286	49,024
acres						
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	267	696	428	46	402	708
acres	30,837	83,660	48,123	3,732	31,425	187,807
Partnership						
farms	20	45	15	3	40	53
acres	4,907	27,276	8,205	125	7,653	64,434
Corporation:						
Family held						
farms	15	55	10	-	39	34
acres	777	10,960	1,342	-	9,374	39,978
Other than family held						
farms	14	8	-	-	6	1
acres	1,012	175	-	-	1,428	(D)
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	8	16	6	5	10	16
acres	1,723	1,849	916	1,678	1,006	(D)

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
PRINCIPAL PRODUCER CHARACTERISTICS ¹ - Con.						
Age group: - Con.						
55 to 64 years	442	94	419	344	363	127
65 to 74 years	352	54	315	252	260	77
75 years and over	230	31	171	151	131	32
Average age	58.9	56.9	57.5	56.5	57.5	61.1
Young producers (see text)	131	23	108	133	85	4
Producers of Hispanic, Latino, or Spanish origin (see text)	18	4	14	11	10	3
Producers by race:						
American Indian or Alaska Native	7	-	-	2	2	1
Asian	2	-	-	-	-	-
Black or African American	9	-	-	1	-	6
Native Hawaiian or Other Pacific Islander	-	3	-	-	-	-
White	1,537	282	1,520	1,225	1,250	295
More than one race reported	10	-	4	13	1	2
Military service (see text):						
Never served	1,374	262	1,396	1,128	1,129	248
Served	191	23	128	113	124	56
Number of persons living in producers' households (see text)	3,308	638	3,576	2,692	2,911	574
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	1,417	268	1,410	1,158	1,177	280
Land use and/or crop decisions	1,225	238	1,217	1,019	1,036	253
Livestock decisions	821	184	691	769	763	181
Record keeping and/or financial management	1,178	210	1,205	1,011	998	249
Estate planning or succession planning	920	148	943	733	804	191
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	880	146	883	776	758	170
Dial-up service	65	6	5	28	40	6
DSL service	295	40	165	127	130	21
Cable modem service	156	22	119	180	68	40
Fiber-optic service	22	13	46	19	30	2
Mobile internet service for a cell phone or other device (see text)	313	69	362	414	368	69
Satellite	149	19	244	166	168	50
Don't know (see text)	66	12	117	39	56	7
Other Internet service	24	8	40	32	52	5
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	1,156	193	1,060	860	912	240
acres	241,766	25,728	427,676	166,811	206,619	32,881
Limited Liability Company	104	5	135	140	78	12
farms	40,870	1,102	116,108	46,533	57,033	4,326
acres						
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	1,066	180	901	731	832	215
acres	176,470	22,249	272,221	109,234	143,370	25,784
Partnership						
farms	69	15	109	83	71	8
acres	53,822	3,247	102,005	50,417	69,575	3,801
Corporation:						
Family held						
farms	23	-	104	49	40	12
acres	14,422	-	108,394	14,084	20,059	3,262
Other than family held						
farms	4	9	15	5	-	6
acres	1,571	240	10,223	364	-	960
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	43	4	24	44	11	3
acres	7,960	280	2,415	4,101	986	21

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
PRINCIPAL PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
55 to 64 years	76	347	338	290	106	434
65 to 74 years	42	251	299	192	67	300
75 years and over	24	164	146	113	45	105
Average age	61.8	57.5	58.5	57.5	60.1	57.0
Young producers (see text)	5	116	91	57	18	120
Producers of Hispanic, Latino, or Spanish origin (see text)	-	4	4	11	1	19
Producers by race:						
American Indian or Alaska Native	-	3	5	15	-	6
Asian	6	-	2	2	-	2
Black or African American	-	2	7	3	-	2
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	169	1,244	1,199	937	299	1,313
More than one race reported	-	14	4	10	4	6
Military service (see text):						
Never served	148	1,117	1,068	859	262	1,211
Served	27	146	149	108	41	118
Number of persons living in producers' households (see text)	293	2,986	2,403	2,067	588	3,056
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	166	1,176	1,121	929	281	1,239
Land use and/or crop decisions	159	1,057	1,009	813	229	1,113
Livestock decisions	120	755	814	561	160	816
Record keeping and/or financial management	144	1,027	986	790	232	1,056
Estate planning or succession planning	130	708	744	628	179	789
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	99	721	722	592	187	858
Dial-up service	-	45	38	10	8	31
DSL service	12	136	215	109	24	113
Cable modem service	16	107	148	183	24	285
Fiber-optic service	3	4	40	144	6	26
Mobile internet service for a cell phone or other device (see text)	42	350	302	209	100	379
Satellite	19	148	121	70	48	117
Don't know (see text)	14	28	41	36	1	47
Other Internet service	15	33	17	11	6	62
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	130	922	885	673	222	957
acres	22,275	173,191	145,842	119,716	26,790	136,425
Limited Liability Company	7	73	100	82	14	214
farms	1,672	31,113	36,536	27,308	1,461	46,269
acres						
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	119	830	785	566	204	803
acres	(D)	122,900	107,640	79,390	21,809	86,878
Partnership	6	78	59	51	11	103
farms	1,054	56,760	38,075	28,942	(D)	47,165
acres						
Corporation:						
Family held	7	42	61	66	8	71
farms	8,062	24,646	12,035	21,893	2,929	15,198
acres	-	3	2	5	-	19
Other than family held	-	2,924	(D)	223	-	6,983
farms						
acres						
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	1	6	16	19	2	14
acres	(D)	4,522	(D)	8,121	(D)	1,242

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
PRINCIPAL PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
55 to 64 years	3	56	488	172	528	364
65 to 74 years	-	72	264	156	446	207
75 years and over	-	20	151	74	278	119
Average age	39.7	58.8	57.4	57.3	60.6	58.5
Young producers (see text)	6	14	130	63	101	66
Producers of Hispanic, Latino, or Spanish origin (see text)	-	-	11	10	23	14
Producers by race:						
American Indian or Alaska Native	-	-	5	2	6	3
Asian	-	-	-	2	-	3
Black or African American	-	4	1	2	4	2
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	9	209	1,389	663	1,732	1,000
More than one race reported	-	2	3	5	27	2
Military service (see text):						
Never served	9	197	1,274	601	1,574	911
Served	-	18	124	73	195	99
Number of persons living in producers' households (see text)	24	469	2,853	1,339	3,767	2,058
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	9	195	1,320	607	1,649	966
Land use and/or crop decisions	9	183	1,099	542	1,399	797
Livestock decisions	3	160	921	284	746	645
Record keeping and/or financial management	3	159	1,073	511	1,423	746
Estate planning or succession planning	3	126	905	421	1,093	626
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	6	117	778	412	1,106	608
Dial-up service	-	2	16	11	65	16
DSL service	-	5	144	153	297	97
Cable modem service	6	23	210	129	188	228
Fiber-optic service	-	2	28	3	71	29
Mobile internet service for a cell phone or other device (see text)	-	61	365	123	434	238
Satellite	-	31	178	46	199	112
Don't know (see text)	-	1	59	28	94	32
Other Internet service	-	6	32	16	42	29
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	9	166	983	441	1,311	704
acres	240	21,472	154,248	42,679	364,211	81,007
Limited Liability Company	-	10	118	125	107	103
farms	-	2,500	34,417	13,492	46,443	14,381
acres	-	-	-	-	-	-
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	9	152	865	345	1,106	616
acres	240	17,158	100,739	31,045	187,718	61,171
Partnership	-	3	62	47	76	31
farms	-	3,100	34,461	6,647	93,596	14,510
acres	-	-	-	-	-	-
Corporation:						
Family held	-	5	57	60	130	54
farms	-	246	25,864	6,859	96,069	10,650
acres	-	2	18	8	6	6
Other than family held	-	(D)	1,103	(D)	604	882
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	-	6	11	10	43	17
acres	-	(D)	3,297	(D)	7,797	2,157

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
PRINCIPAL PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
55 to 64 years	25	45	181	104	79	197
65 to 74 years	30	23	106	82	71	139
75 years and over	5	7	63	52	13	59
Average age	54.9	55.8	58.0	58.3	57.6	58.0
Young producers (see text)	14	5	35	41	20	44
Producers of Hispanic, Latino, or Spanish origin (see text)	6	-	-	6	2	1
Producers by race:						
American Indian or Alaska Native	7	1	-	-	-	2
Asian	-	2	5	-	-	-
Black or African American	-	-	-	-	-	-
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	96	131	543	366	254	592
More than one race reported	6	4	2	5	-	5
Military service (see text):						
Never served	99	122	509	323	222	528
Served	10	16	41	48	32	71
Number of persons living in producers' households (see text)	227	396	1,215	785	514	1,230
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	109	134	519	358	251	563
Land use and/or crop decisions	102	112	470	329	226	508
Livestock decisions	93	107	293	248	179	330
Record keeping and/or financial management	92	99	471	321	219	478
Estate planning or succession planning	91	81	343	222	158	345
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	43	77	331	199	149	358
Dial-up service	2	10	20	3	2	14
DSL service	4	23	38	63	49	50
Cable modem service	6	7	155	27	30	35
Fiber-optic service	1	2	5	4	7	2
Mobile internet service for a cell phone or other device (see text)	21	22	140	87	46	139
Satellite	19	23	40	36	23	112
Don't know (see text)	3	8	20	10	5	33
Other Internet service	-	-	6	1	11	31
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	71	95	388	272	176	460
acres	9,895	21,556	63,172	34,457	28,808	77,251
Limited Liability Company	3	10	54	31	25	80
farms						
acres	2,144	5,943	12,072	3,821	2,201	14,723
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	67	88	299	247	164	408
acres	7,243	17,514	(D)	31,129	25,629	58,581
Partnership	2	9	50	10	5	19
farms						
acres	(D)	5,881	15,993	1,271	(D)	10,684
Corporation:						
Family held	2	2	44	7	7	28
farms						
acres	(D)	(D)	14,831	1,081	3,755	12,305
Other than family held	-	-	9	1	2	13
farms						
acres	-	-	5,402	(D)	(D)	3,197
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	-	2	2	9	1	4
acres	-	(D)	(D)	(D)	(D)	662

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
PRINCIPAL PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
55 to 64 years	229	164	195	157	457	367
65 to 74 years	207	111	179	108	317	252
75 years and over	120	43	84	63	146	119
Average age	56.3	59.1	57.9	56.4	57.8	56.3
Young producers (see text)	107	19	59	65	102	123
Producers of Hispanic, Latino, or Spanish origin (see text)	13	2	6	3	25	19
Producers by race:						
American Indian or Alaska Native	1	6	1	1	3	3
Asian	2	-	-	-	-	2
Black or African American	-	-	-	-	9	-
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	968	463	733	583	1,408	1,259
More than one race reported	8	6	-	1	10	10
Military service (see text):						
Never served	860	386	646	549	1,296	1,157
Served	119	89	88	36	134	117
Number of persons living in producers' households (see text)	2,453	1,009	1,465	1,405	3,133	3,101
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	921	439	658	540	1,357	1,186
Land use and/or crop decisions	801	377	598	419	1,171	1,047
Livestock decisions	647	317	407	371	620	814
Record keeping and/or financial management	778	373	589	397	1,165	985
Estate planning or succession planning	617	296	421	317	855	704
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	446	277	425	313	906	707
Dial-up service	13	13	9	6	43	24
DSL service	85	58	90	83	139	119
Cable modem service	37	43	119	41	423	136
Fiber-optic service	21	12	13	9	21	27
Mobile internet service for a cell phone or other device (see text)	230	103	148	135	428	299
Satellite	94	72	85	70	106	184
Don't know (see text)	19	20	36	24	34	54
Other Internet service	17	11	16	-	10	52
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	666	350	519	391	1,063	938
acres	110,161	73,636	78,401	93,400	196,728	210,044
Limited Liability Company	30	21	41	59	111	69
farms						
acres	11,257	11,202	9,926	31,328	37,679	45,068
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	610	322	471	336	930	857
acres	75,590	60,127	52,849	55,500	151,150	145,498
Partnership	28	25	32	35	84	62
farms						
acres	23,596	11,264	18,451	25,759	38,443	49,098
Corporation:						
Family held	25	6	17	20	57	22
farms						
acres	11,873	8,230	14,853	20,087	19,073	19,279
Other than family held	5	-	1	4	3	3
farms						
acres	588	-	(D)	9,505	162	(D)
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	26	-	9	11	11	18
acres	3,471	-	(D)	2,773	1,010	(D)

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
PRINCIPAL PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
55 to 64 years	63	170	360	261	219	127
65 to 74 years	52	121	236	137	163	91
75 years and over	31	67	90	87	88	28
Average age	60.0	56.9	56.7	58.1	58.5	53.9
Young producers (see text)	16	48	85	50	48	66
Producers of Hispanic, Latino, or Spanish origin (see text)	2	5	15	10	21	-
Producers by race:						
American Indian or Alaska Native	-	2	7	1	-	2
Asian	-	-	-	1	-	-
Black or African American	-	-	-	-	-	-
Native Hawaiian or Other Pacific Islander	-	-	-	2	-	-
White	216	608	1,095	706	737	422
More than one race reported	-	7	4	8	-	-
Military service (see text):						
Never served	188	556	956	677	647	381
Served	28	61	150	41	90	43
Number of persons living in producers' households (see text)	457	1,470	2,719	1,562	1,627	869
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	202	588	1,038	667	701	393
Land use and/or crop decisions	187	468	942	607	635	355
Livestock decisions	143	383	809	453	344	302
Record keeping and/or financial management	173	475	907	550	594	328
Estate planning or succession planning	137	346	731	416	481	207
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	128	394	666	437	443	188
Dial-up service	14	2	24	7	14	8
DSL service	19	68	81	67	116	16
Cable modem service	11	93	57	250	40	30
Fiber-optic service	-	7	26	21	16	11
Mobile internet service for a cell phone or other device (see text)	71	167	290	204	170	73
Satellite	20	88	232	53	122	69
Don't know (see text)	15	64	66	13	19	6
Other Internet service	-	13	34	6	34	7
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	177	456	814	493	516	278
acres	25,839	60,640	118,904	27,974	103,326	65,806
Limited Liability Company	2	62	88	89	118	37
farms	(D)	15,878	46,590	6,234	41,720	13,381
acres						
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	163	388	729	408	410	230
acres	24,129	38,854	91,422	22,135	52,082	36,826
Partnership	3	29	52	33	80	35
farms	(D)	11,405	25,374	2,353	34,200	22,802
acres						
Corporation:						
Family held	6	26	36	42	36	25
farms	1,098	8,857	15,362	3,117	34,238	10,038
acres	-	5	-	7	7	-
Other than family held	-	(D)	-	240	4,127	-
farms						
acres						
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	6	28	33	24	12	4
acres	(D)	(D)	4,074	1,011	2,430	433

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
PRINCIPAL PRODUCER CHARACTERISTICS¹ - Con.						
Age group: - Con.						
55 to 64 years	34	213	44	77	491	135
65 to 74 years	42	226	24	65	358	99
75 years and over	27	114	20	30	154	43
Average age	59.6	59.7	54.7	57.8	58.1	58.7
Young producers (see text)	10	55	29	20	95	38
Producers of Hispanic, Latino, or Spanish origin (see text)	3	12	-	-	28	3
Producers by race:						
American Indian or Alaska Native	2	-	-	-	13	-
Asian	-	2	-	-	7	-
Black or African American	-	-	-	-	-	-
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	151	791	178	270	1,542	408
More than one race reported	2	14	-	2	4	-
Military service (see text):						
Never served	127	700	160	238	1,443	381
Served	28	107	18	34	123	27
Number of persons living in producers' households (see text)	285	1,902	665	644	3,785	866
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	141	753	174	250	1,464	379
Land use and/or crop decisions	115	696	146	231	1,266	334
Livestock decisions	81	541	136	171	818	231
Record keeping and/or financial management	115	629	161	212	1,175	325
Estate planning or succession planning	87	505	97	140	827	258
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	88	396	60	156	963	200
Dial-up service	2	15	2	5	23	8
DSL service	63	40	12	40	222	24
Cable modem service	9	38	-	26	344	17
Fiber-optic service	8	10	5	1	70	-
Mobile internet service for a cell phone or other device (see text)	37	205	21	84	336	95
Satellite	14	105	27	15	117	80
Don't know (see text)	5	31	7	7	53	18
Other Internet service	1	32	-	3	46	2
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	111	614	142	173	1,075	297
acres	25,657	97,026	15,725	26,730	159,639	55,000
Limited Liability Company	13	46	11	22	201	20
farms	5,519	18,998	5,182	3,872	61,052	8,238
acres						
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	99	577	125	141	853	273
acres	22,030	76,815	10,618	21,162	99,480	40,875
Partnership						
farms	4	31	14	35	95	22
acres	1,476	16,226	4,641	6,470	28,722	13,401
Corporation:						
Family held						
farms	7	12	1	13	134	15
acres	1,710	9,990	(D)	3,516	36,284	6,204
Other than family held						
farms	-	2	-	1	21	-
acres	-	(D)	-	(D)	3,685	-
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	4	3	4	3	27	12
acres	1,890	(D)	(D)	(D)	3,712	4,010

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
PRINCIPAL PRODUCER CHARACTERISTICS ¹ - Con.						
Age group: - Con.						
55 to 64 years	18	483	415	329	465	31
65 to 74 years	14	352	362	174	321	22
75 years and over	6	212	132	116	149	6
Average age	56.7	58.5	57.9	53.8	54.8	60.1
Young producers (see text)	2	111	88	142	196	2
Producers of Hispanic, Latino, or Spanish origin (see text)	-	11	17	6	14	-
Producers by race:						
American Indian or Alaska Native	-	-	8	-	9	3
Asian	-	3	2	4	-	-
Black or African American	-	9	4	-	1	-
Native Hawaiian or Other Pacific Islander	-	-	-	-	-	-
White	62	1,596	1,443	1,198	1,751	74
More than one race reported	8	10	2	2	8	-
Military service (see text):						
Never served	54	1,447	1,297	1,088	1,656	68
Served	16	171	162	116	113	9
Number of persons living in producers' households (see text)	142	3,645	3,145	3,326	4,653	159
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	66	1,499	1,353	1,133	1,660	68
Land use and/or crop decisions	44	1,325	1,258	1,007	1,496	67
Livestock decisions	56	584	833	656	976	36
Record keeping and/or financial management	53	1,275	1,162	957	1,459	59
Estate planning or succession planning	48	976	863	756	1,115	50
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	34	992	790	579	953	53
Dial-up service	-	32	32	17	28	1
DSL service	4	211	162	140	263	25
Cable modem service	6	287	216	116	117	11
Fiber-optic service	-	42	34	70	21	-
Mobile internet service for a cell phone or other device (see text)	20	394	376	273	478	13
Satellite	5	186	100	67	240	8
Don't know (see text)	1	76	66	43	92	1
Other Internet service	-	28	12	4	38	-
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	48	1,204	1,042	862	1,254	58
acres	5,757	313,247	164,607	211,589	383,324	14,338
Limited Liability Company	-	133	113	79	117	6
farms	-	62,963	31,638	56,903	79,908	1,276
acres	-	-	-	-	-	-
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	44	1,083	937	780	1,101	52
acres	4,091	199,088	125,179	139,415	246,687	11,354
Partnership	4	105	75	47	96	4
farms	1,666	95,548	43,231	68,794	101,070	1,256
acres	-	-	-	-	-	-
Corporation:						
Family held	-	43	50	43	93	2
farms	-	26,313	10,500	31,914	79,882	(D)
acres	-	2	7	8	5	-
Other than family held	-	(D)	1,724	1,393	2,442	-
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	-	17	8	18	20	4
acres	-	(D)	1,551	3,436	6,430	(D)

See footnote(s) at end of table.

--continued

Table 45. Selected Operation and Producer Characteristics: 2017 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
PRINCIPAL PRODUCER CHARACTERISTICS ¹ - Con.						
Age group: - Con.						
55 to 64 years	396	531	434	514	93	88
65 to 74 years	259	355	326	366	64	84
75 years and over	175	157	148	193	23	48
Average age	57.6	57.5	59.2	58.2	52.5	57.4
Young producers (see text)	119	115	77	118	78	26
Producers of Hispanic, Latino, or Spanish origin (see text)	9	12	104	10	12	7
Producers by race:						
American Indian or Alaska Native	11	3	2	9	-	-
Asian	-	-	14	22	-	-
Black or African American	7	24	53	18	29	-
Native Hawaiian or Other Pacific Islander	1	-	-	-	-	-
White	1,284	1,576	1,249	1,614	320	374
More than one race reported	5	9	8	14	16	5
Military service (see text):						
Never served	1,178	1,424	1,142	1,537	339	320
Served	130	188	184	140	26	59
Number of persons living in producers' households (see text)	2,806	3,816	2,717	3,462	806	988
On farm involvement in decisionmaking (see text):						
Day-to-day decisions	1,212	1,528	1,244	1,566	341	352
Land use and/or crop decisions	1,070	1,332	1,119	1,450	306	317
Livestock decisions	653	785	614	1,070	154	241
Record keeping and/or financial management	1,085	1,350	1,082	1,362	279	308
Estate planning or succession planning	779	1,017	829	1,052	175	231
INTERNET ACCESS (SEE TEXT)						
Farms with-						
Internet access	786	989	710	1,050	219	206
Dial-up service	41	45	22	31	2	10
DSL service	223	255	150	207	29	46
Cable modem service	170	133	131	261	137	34
Fiber-optic service	33	31	79	9	6	2
Mobile internet service for a cell phone or other device (see text)	305	418	294	510	94	82
Satellite	128	183	111	174	5	47
Don't know (see text)	81	113	38	68	14	22
Other Internet service	28	55	21	40	-	9
TYPE OF ORGANIZATION (SEE TEXT)						
Operation more than 50 percent owned by one producer's household and/or extended family (see text)						
farms	947	1,176	911	1,175	229	300
acres	201,263	297,155	128,702	155,920	9,331	39,550
Limited Liability Company	54	112	125	229	55	22
farms						
acres	31,902	72,829	29,487	45,571	2,750	6,583
OPERATION'S LEGAL STATUS FOR TAX PURPOSES						
Family or individual						
farms	907	1,035	784	1,009	170	283
acres	168,009	172,199	68,571	113,590	5,629	(D)
Partnership						
farms	20	88	80	92	17	12
acres	20,630	85,805	57,348	37,412	2,020	9,749
Corporation:						
Family held						
farms	23	73	66	94	35	7
acres	18,871	63,915	21,516	19,320	2,041	1,529
Other than family held						
farms	4	12	8	7	15	-
acres	2,200	4,397	644	200	113	-
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc. (see text)						
farms	18	33	15	43	11	2
acres	763	3,469	3,705	8,473	234	(D)

¹ Data were collected for a maximum of four producers per farm.

Table 46. Male Producers: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	All farms with a male producer			Farms with a male principal producer		
	Farms	Male producers	Land in farms (acres)	Farms	Male principal producers	Land in farms (acres)
State Total						
Michigan	43,923	51,449	9,519,771	41,931	45,860	9,384,764
Counties						
Alcona.....	202	222	34,763	192	209	33,897
Alger.....	118	125	19,725	110	114	19,542
Allegan.....	1,087	1,323	226,601	1,048	1,187	224,091
Alpena.....	385	421	63,298	369	386	62,671
Antrim.....	306	342	53,149	293	310	51,240
Arenac.....	308	352	82,291	291	324	79,086
Baraga.....	60	79	15,017	60	68	15,017
Bary.....	831	938	148,699	791	856	146,124
Bay.....	677	823	206,997	669	767	206,721
Benzie.....	178	208	17,872	173	183	17,712
Berrien.....	787	944	136,504	751	827	133,166
Branch.....	746	861	235,411	728	777	234,304
Calhoun.....	875	987	208,623	838	892	205,360
Cass.....	684	789	195,713	667	731	194,602
Charlevoix.....	225	257	26,485	215	232	25,600
Cheboygan.....	309	328	41,839	298	306	41,356
Chippewa.....	394	446	84,260	381	409	82,981
Clare.....	362	407	52,851	347	363	52,391
Clinton.....	936	1,081	223,802	906	972	220,952
Crawford.....	31	35	1,861	27	29	1,626
Delta.....	232	283	56,894	219	245	56,540
Dickinson.....	146	172	20,601	132	143	19,125
Eaton.....	893	995	204,844	857	901	203,687
Emmet.....	308	354	38,077	307	330	38,060
Genesee.....	717	820	120,036	677	711	116,363
Gladwin.....	414	458	55,438	395	411	54,281
Gogebic.....	52	58	5,355	44	46	3,723
Grand Traverse.....	451	541	48,669	431	474	47,646
Gratiot.....	788	968	292,662	768	873	291,412
Hillsdale.....	1,114	1,262	247,158	1,079	1,124	246,047
Houghton.....	191	211	25,420	176	189	24,205
Huron.....	1,094	1,376	488,816	1,066	1,228	486,290
Ingham.....	819	968	174,865	747	827	170,335
Ionia.....	881	1,036	230,492	845	925	229,244
Iosco.....	221	241	31,464	205	210	30,609
Iron.....	114	132	22,655	108	115	21,496
Isabella.....	914	1,069	208,835	900	997	207,688
Jackson.....	825	960	155,961	786	835	153,161
Kalamazoo.....	636	756	135,013	583	658	132,929
Kalkaska.....	202	225	25,271	190	198	24,891
Kent.....	936	1,146	155,181	870	953	153,168
Lake.....	160	168	20,830	156	161	19,962
Lapeer.....	923	1,067	161,843	872	937	159,352
Leelanau.....	435	541	48,790	409	466	47,849
Lenawee.....	1,286	1,493	381,343	1,252	1,347	378,062
Livingston.....	646	706	83,478	574	609	81,632
Luce.....	59	77	8,020	53	66	7,816
Mackinac.....	100	117	24,929	95	102	24,053
Macomb.....	356	426	72,780	332	375	69,158
Manistee.....	259	279	40,477	255	264	40,237
Marquette.....	149	162	26,741	147	154	26,341
Mason.....	450	493	83,380	432	457	82,199
Mecosta.....	657	744	113,529	626	680	110,886
Menominee.....	326	380	78,260	311	336	73,081
Midland.....	477	542	85,504	452	495	84,760
Missaukee.....	385	509	109,039	385	451	109,039
Monroe.....	1,025	1,212	208,687	973	1,064	206,099
Montcalm.....	910	1,068	226,865	872	967	224,422
Montmorency.....	152	171	23,301	145	156	22,846
Muskegon.....	444	507	62,082	416	444	60,424
Newaygo.....	824	942	134,858	792	852	132,432
Oakland.....	425	503	25,289	370	414	24,121
Oceana.....	505	637	126,100	465	529	119,631
Ogemaw.....	267	340	66,905	243	290	65,504
Ontonagon.....	109	119	26,316	107	110	25,802
Osceola.....	580	652	99,575	550	586	95,157
Oscoda.....	140	161	15,908	140	149	15,908
Otsego.....	183	218	31,152	165	183	29,476
Ottawa.....	1,076	1,365	170,202	1,037	1,173	167,522
Presque Isle.....	300	362	62,412	295	319	62,052
Roscommon.....	43	47	5,522	43	47	5,522
Saginaw.....	1,181	1,392	319,963	1,147	1,267	317,920
St. Clair.....	972	1,150	177,085	929	1,044	174,441
St. Joseph.....	855	1,009	241,075	828	914	237,472
Sanilac.....	1,254	1,559	430,509	1,226	1,406	428,799
Schoolcraft.....	55	63	14,764	55	56	14,764
Shiawassee.....	892	1,023	207,239	851	928	204,698
Tuscola.....	1,162	1,382	323,028	1,113	1,239	320,793
Van Buren.....	869	1,007	141,905	820	901	139,760
Washtenaw.....	1,120	1,328	173,395	1,034	1,130	169,600
Wayne.....	191	232	8,730	170	192	8,606
Wexford.....	272	297	38,493	255	265	37,227

Table 47. Female Producers: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	All farms with a female producer			Farms with a female principal producer		
	Farms	Female producers	Land in farms (acres)	Farms	Female principal producers	Land in farms (acres)
State Total						
Michigan.....	26,059	27,955	3,928,817	17,202	17,767	2,284,224
Counties						
Alcona.....	104	122	11,141	72	83	7,486
Alger.....	95	101	14,608	68	70	6,251
Allegan.....	654	702	73,381	394	408	46,192
Alpena.....	218	237	30,756	141	145	19,771
Antrim.....	201	210	25,847	144	145	14,447
Arenac.....	192	204	39,725	132	138	26,946
Baraga.....	39	41	7,253	22	22	5,676
Barry.....	580	632	81,183	397	407	56,015
Bay.....	288	308	52,545	198	208	33,215
Benzie.....	114	117	7,128	84	86	4,041
Berrien.....	474	507	68,228	330	343	43,632
Branch.....	390	407	71,916	249	252	34,215
Calhoun.....	561	617	86,834	395	412	55,916
Cass.....	433	451	90,081	263	267	64,821
Charlevoix.....	181	192	15,397	122	127	10,028
Cheboygan.....	164	175	15,284	127	129	10,090
Chippewa.....	217	232	39,386	141	147	22,932
Clare.....	226	244	26,086	146	158	13,982
Clinton.....	539	599	89,316	372	380	62,588
Crawford.....	38	38	2,691	32	32	1,601
Delta.....	130	133	21,272	82	82	12,546
Dickinson.....	81	83	11,367	52	52	7,576
Eaton.....	514	547	74,070	339	347	43,822
Emmet.....	189	208	18,444	100	100	9,862
Genesee.....	454	506	49,473	341	352	28,785
Gladwin.....	253	265	25,168	170	170	14,861
Gogebic.....	40	43	4,254	30	30	3,467
Grand Traverse.....	352	371	26,119	231	233	13,550
Gratiot.....	293	301	101,163	155	159	50,733
Hillsdale.....	675	717	124,678	428	441	61,669
Houghton.....	122	135	14,951	88	96	10,940
Huron.....	469	514	172,771	279	296	107,921
Ingham.....	576	639	86,184	395	414	37,302
Ionia.....	517	555	77,823	317	328	47,611
Iosco.....	156	159	17,670	94	94	9,163
Iron.....	70	70	10,229	60	60	9,721
Isabella.....	434	457	68,424	256	266	28,455
Jackson.....	527	565	52,457	369	382	36,388
Kalamazoo.....	427	450	56,505	306	309	30,392
Kalkaska.....	137	142	13,992	105	105	10,937
Kent.....	570	613	42,325	372	376	24,691
Keweenaw.....	9	9	240	9	9	240
Lake.....	97	105	13,564	50	54	8,097
Lapeer.....	656	709	81,320	450	461	40,135
Leelanau.....	294	333	23,029	196	208	13,628
Lenawee.....	666	688	152,250	408	422	60,634
Livingston.....	521	551	31,764	391	401	21,449
Luce.....	59	61	7,061	43	43	3,688
Mackinac.....	51	55	9,132	36	36	4,113
Macomb.....	213	229	23,441	171	175	15,859
Manistee.....	156	167	28,538	104	107	12,326
Marquette.....	128	135	14,462	98	100	10,183
Mason.....	223	230	27,536	136	142	17,369
Mecosta.....	403	433	50,980	285	299	34,231
Menominee.....	204	215	38,860	133	139	27,495
Midland.....	313	334	30,613	234	239	14,982
Missaukee.....	206	230	42,790	131	134	30,813
Monroe.....	504	542	79,859	349	366	29,953
Montcalm.....	526	564	105,622	297	307	67,495
Montmorency.....	106	107	14,002	60	60	7,122
Muskegon.....	288	316	28,782	172	173	15,213
Newaygo.....	451	479	60,612	246	254	44,631
Oakland.....	357	412	17,038	289	304	12,462
Oceana.....	298	327	67,276	202	208	42,384
Ogemaw.....	171	189	34,934	125	134	27,343
Ontonagon.....	59	65	12,624	45	45	8,589
Osceola.....	337	353	44,097	219	221	28,382
Oscoda.....	93	99	7,982	27	29	4,637
Otsego.....	119	132	18,255	83	89	13,956
Ottawa.....	571	632	64,867	378	393	31,313
Presque Isle.....	137	143	23,187	86	89	13,292
Roscommon.....	32	33	3,480	23	23	1,465
Saginaw.....	569	605	96,487	338	351	52,578
St. Clair.....	618	660	85,577	401	415	55,098
St. Joseph.....	486	522	119,215	284	290	63,312
Sanilac.....	632	669	184,644	350	363	97,191
Schoolcraft.....	38	44	7,204	21	21	1,893
Shiawassee.....	513	534	97,704	367	380	59,532
Tuscola.....	592	618	101,714	369	373	54,401
Van Buren.....	566	610	74,909	407	425	45,581
Washtenaw.....	738	806	65,958	523	547	39,094
Wayne.....	187	211	4,885	158	173	3,388
Wexford.....	178	190	14,198	110	114	8,440

Table 48. Hispanic, Latino, or Spanish Origin Producers: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	All farms with an Hispanic, Latino, or Spanish producer			Farms with an Hispanic, Latino, or Spanish principal producer		
	Farms	Hispanic, Latino, or Spanish producers	Land in farms (acres)	Farms	Hispanic, Latino, or Spanish principal producers	Land in farms (acres)
State Total						
Michigan	848	1,024	102,710	721	782	71,514
Counties						
Alcona.....	5	5	80	5	5	80
Allegan.....	24	30	3,292	14	14	1,160
Alpena.....	6	12	6	6	6	6
Antrim.....	7	7	(D)	7	7	(D)
Arenac.....	4	4	1,808	4	4	1,808
Baraga.....	2	2	(D)	-	-	-
Barry.....	17	18	2,335	14	14	882
Bay.....	6	8	3,588	4	6	588
Benzie.....	3	3	(D)	3	3	(D)
Berrien.....	32	43	859	29	32	460
Branch.....	6	6	94	4	4	92
Calhoun.....	19	19	708	18	18	667
Cass.....	18	18	2,906	18	18	2,906
Charlevoix.....	12	12	1,140	11	11	730
Cheboygan.....	12	12	814	12	12	814
Chippewa.....	10	10	1,150	10	10	1,150
Clare.....	8	8	550	8	8	550
Clinton.....	16	16	1,193	15	15	1,153
Eaton.....	12	18	2,766	11	11	586
Emmet.....	3	3	863	3	3	863
Genesee.....	7	7	366	4	4	246
Gladwin.....	6	6	1,228	6	6	1,228
Grand Traverse.....	14	26	1,392	11	12	715
Gratiot.....	22	24	4,162	18	18	1,162
Hillsdale.....	16	21	945	14	18	828
Houghton.....	4	4	360	4	4	360
Huron.....	15	15	3,895	14	14	3,861
Ingham.....	15	15	2,797	11	11	1,807
Ionia.....	16	16	1,108	10	10	800
Iosco.....	3	3	(D)	3	3	(D)
Isabella.....	5	5	587	4	4	464
Jackson.....	7	7	2,311	4	4	2,120
Kalamazoo.....	12	14	(D)	11	11	(D)
Kalkaska.....	1	1	(D)	1	1	(D)
Kent.....	17	29	824	13	19	672
Lapeer.....	14	14	196	11	11	184
Leelanau.....	9	12	555	9	10	555
Lenawee.....	25	25	3,988	23	23	1,756
Livingston.....	14	14	537	14	14	537
Luce.....	6	6	204	6	6	204
Manistee.....	4	6	480	4	6	480
Marquette.....	2	2	(D)	2	2	(D)
Mason.....	10	10	679	1	1	(D)
Mecosta.....	7	17	558	7	13	558
Menominee.....	3	3	(D)	2	2	(D)
Midland.....	6	6	170	6	6	170
Missaukee.....	3	3	75	3	3	75
Monroe.....	23	33	850	23	25	850
Montcalm.....	17	23	1,766	16	19	1,318
Montmorency.....	4	4	312	2	2	(D)
Muskegon.....	11	11	1,847	5	5	310
Newaygo.....	21	21	929	15	15	337
Oakland.....	10	10	379	10	10	379
Oceana.....	23	27	5,031	21	21	1,822
Ogemaw.....	1	1	(D)	-	-	-
Ontonagon.....	3	3	560	3	3	560
Osceola.....	13	25	1,191	12	12	1,002
Otsego.....	3	3	150	-	-	-
Ottawa.....	32	41	519	25	28	413
Presque Isle.....	3	3	90	3	3	90
Saginaw.....	16	20	923	11	11	749
St. Clair.....	20	20	689	17	17	530
St. Joseph.....	6	7	(D)	6	6	(D)
Sanilac.....	17	17	10,587	14	14	10,267
Shiawassee.....	9	15	216	9	9	216
Tuscola.....	12	12	1,385	12	12	1,385
Van Buren.....	85	128	3,982	76	104	2,943
Washtenaw.....	15	15	998	10	10	332
Wayne.....	12	12	190	12	12	190
Wexford.....	7	7	1,406	7	7	1,406

Table 49. American Indian or Alaska Native Producers: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	All farms with an American Indian or Alaska Native producer			Farms with an American Indian or Alaska Native principal producer		
	Farms	American Indian or Alaska Native producers	Land in farms (acres)	Farms	American Indian or Alaska Native principal producers	Land in farms (acres)
State Total						
Michigan.....	281	351	36,656	255	285	34,306
Counties						
Alger.....	9	9	126	3	3	84
Allegan.....	8	12	1,872	8	9	1,872
Alpena.....	1	1	(D)	1	1	(D)
Antrim.....	2	2	(D)	-	-	-
Baraga.....	1	2	(D)	1	2	(D)
Barry.....	2	2	(D)	2	2	(D)
Bay.....	1	2	(D)	1	2	(D)
Berrien.....	4	4	68	4	4	68
Branch.....	5	5	260	5	5	260
Calhoun.....	5	15	215	5	15	215
Cass.....	9	9	(D)	8	8	(D)
Charlevoix.....	2	2	(D)	2	2	(D)
Cheboygan.....	8	8	242	8	8	242
Chippewa.....	24	30	3,343	23	28	3,335
Clare.....	2	2	(D)	-	-	-
Clinton.....	11	11	426	11	11	426
Delta.....	8	10	864	8	8	864
Eaton.....	4	4	168	4	4	168
Emmet.....	7	8	748	7	8	748
Genesee.....	6	6	338	6	6	338
Gladwin.....	1	1	(D)	1	1	(D)
Gogebic.....	1	3	(D)	1	1	(D)
Grand Traverse.....	4	10	298	3	3	(D)
Hillsdale.....	12	15	1,371	7	7	1,346
Huron.....	1	1	(D)	-	-	-
Ingham.....	2	2	(D)	2	2	(D)
Ionia.....	2	6	(D)	2	2	(D)
Iosco.....	1	1	(D)	1	1	(D)
Isabella.....	3	3	(D)	3	3	(D)
Jackson.....	3	5	86	3	5	86
Kalamazoo.....	14	17	1,106	13	15	1,006
Kent.....	6	18	132	6	6	132
Lapeer.....	5	9	(D)	5	5	(D)
Leelanau.....	2	2	(D)	2	2	(D)
Lenawee.....	6	6	2,878	6	6	2,878
Livingston.....	3	3	74	3	3	74
Luce.....	7	7	789	7	7	789
Mackinac.....	1	3	(D)	1	1	(D)
Mason.....	2	2	(D)	2	2	(D)
Mecosta.....	1	1	(D)	1	1	(D)
Menominee.....	6	6	134	6	6	134
Midland.....	2	2	(D)	1	1	(D)
Missaukee.....	1	1	(D)	1	1	(D)
Monroe.....	3	3	81	3	3	81
Montcalm.....	1	3	(D)	1	3	(D)
Muskegon.....	2	2	(D)	2	2	(D)
Newaygo.....	7	7	266	7	7	266
Oakland.....	1	1	(D)	1	1	(D)
Ogemaw.....	2	2	(D)	2	2	(D)
Ontonagon.....	2	2	(D)	2	2	(D)
Ottawa.....	13	13	562	13	13	562
St. Clair.....	8	8	412	8	8	412
Sanilac.....	9	9	90	9	9	90
Schoolcraft.....	3	3	1,173	3	3	1,173
Shiawassee.....	6	11	224	6	11	224
Tuscola.....	3	3	338	3	3	338
Van Buren.....	2	2	(D)	2	2	(D)
Washtenaw.....	11	11	180	9	9	160
Wexford.....	3	3	120	-	-	-

Table 50. Asian Producers: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	All farms with an Asian producer			Farms with an Asian principal producer		
	Farms	Asian producers	Land in farms (acres)	Farms	Asian principal producers	Land in farms (acres)
State Total						
Michigan	132	155	8,228	109	119	5,626
Counties						
Allegan.....	2	2	(D)	-	-	-
Antrim.....	3	3	180	3	-	180
Arenac.....	2	2	(D)	-	-	-
Barry.....	1	1	(D)	-	-	(D)
Bay.....	6	12	978	6	12	978
Berrien.....	4	4	398	4	4	398
Branch.....	2	2	(D)	-	-	-
Cass.....	2	2	(D)	1	1	(D)
Chippewa.....	8	8	182	8	8	182
Clinton.....	3	3	121	3	3	121
Eaton.....	2	2	(D)	2	2	(D)
Genesee.....	3	3	(D)	-	-	-
Hillsdale.....	2	2	(D)	2	2	(D)
Iron.....	6	6	270	6	6	270
Jackson.....	3	3	21	2	2	(D)
Kalamazoo.....	1	2	(D)	1	2	(D)
Kent.....	2	2	(D)	2	2	(D)
Leelanau.....	2	2	(D)	2	2	(D)
Lenawee.....	2	2	(D)	-	-	-
Livingston.....	3	3	(D)	3	3	(D)
Mackinac.....	2	2	(D)	2	2	(D)
Macomb.....	5	5	41	5	5	41
Marquette.....	2	2	(D)	-	-	-
Mason.....	1	1	(D)	-	-	-
Mecosta.....	2	2	(D)	2	2	(D)
Montcalm.....	3	3	597	2	2	(D)
Oakland.....	1	2	(D)	1	1	(D)
Oceana.....	2	2	(D)	-	-	-
Osceola.....	2	4	(D)	2	2	(D)
Ottawa.....	7	7	264	7	7	264
Saginaw.....	3	3	174	3	3	174
St. Clair.....	2	2	(D)	2	2	(D)
St. Joseph.....	2	4	(D)	2	4	(D)
Shiawassee.....	1	1	(D)	-	-	-
Tuscola.....	2	2	(D)	-	-	-
Van Buren.....	14	16	488	14	14	488
Washtenaw.....	22	31	793	21	22	789

Table 51. Black or African American Producers: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	All farms with a Black or African American producer			Farms with a Black or African American principal producer		
	Farms	Black or African American producers	Land in farms (acres)	Farms	Black or African American principal producers	Land in farms (acres)
State Total						
Michigan	238	342	20,290	221	296	13,761
Counties						
Allegan.....	3	5	358	3	5	358
Barry.....	2	2	(D)	2	2	(D)
Berrien.....	16	22	367	16	20	367
Calhoun.....	5	7	198	5	7	198
Cass.....	21	33	1,024	21	27	1,024
Clinton.....	10	10	762	10	10	762
Emmet.....	7	7	306	6	6	108
Genesee.....	17	32	260	17	22	260
Hillsdale.....	9	9	930	9	9	930
Huron.....	1	1	(D)	-	-	-
Ingham.....	1	1	(D)	1	1	(D)
Iosco.....	6	6	36	6	6	36
Isabella.....	2	2	(D)	2	2	(D)
Jackson.....	7	9	232	7	7	232
Kalamazoo.....	3	3	6	3	3	6
Kent.....	2	2	(D)	2	2	(D)
Lake.....	3	4	9	3	4	9
Lapeer.....	1	1	(D)	1	1	(D)
Leelanau.....	3	3	260	2	2	(D)
Lenawee.....	4	4	752	4	4	752
Livingston.....	3	5	30	2	2	(D)
Mecosta.....	2	2	(D)	-	-	-
Monroe.....	6	11	364	6	9	364
Ottawa.....	1	1	(D)	-	-	-
Saginaw.....	9	11	391	9	9	391
St. Clair.....	4	4	270	4	4	270
Sanilac.....	3	3	(D)	1	1	(D)
Shiawassee.....	4	7	125	4	7	125
Tuscola.....	6	24	300	6	24	300
Van Buren.....	42	59	1,837	39	53	1,816
Washtenaw.....	10	18	2,486	10	18	2,486
Wayne.....	25	34	348	20	29	313

Table 52. Native Hawaiian or Other Pacific Islander Producers: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	All farms with a Native Hawaiian or Other Pacific Islander producer			Farms with a Native Hawaiian or Other Pacific Islander principal producer		
	Farms	Native Hawaiian or Other Pacific Islander producers	Land in farms (acres)	Farms	Native Hawaiian or Other Pacific Islander principal producers	Land in farms (acres)
State Total						
Michigan.....	8	8	691	8	8	691
Counties						
Clare.....	2	2	(D)	2	2	(D)
Houghton.....	3	3	240	3	3	240
Oakland.....	2	2	(D)	2	2	(D)
Shiawassee.....	1	1	(D)	1	1	(D)

Table 53. White Producers: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	All farms with a White producer			Farms with a White principal producer		
	Farms	White producers	Land in farms (acres)	Farms	White principal producers	Land in farms (acres)
State Total						
Michigan	47,156	78,010	9,710,923	47,033	62,503	9,698,053
Counties						
Alcona	223	343	36,431	223	292	36,431
Alger	126	217	20,961	126	181	20,961
Allegan	1,162	1,999	227,695	1,160	1,577	227,195
Alpena	414	657	(D)	414	530	(D)
Antrim	333	547	55,565	333	452	55,565
Arenac	343	540	82,643	343	449	82,643
Baraga	64	118	(D)	64	88	(D)
Barry	936	1,562	154,576	935	1,256	154,536
Bay	717	1,112	207,936	717	957	207,936
Benzie	195	321	(D)	195	265	(D)
Berrien	854	1,414	144,138	851	1,138	144,096
Branch	784	1,256	239,126	784	1,022	239,126
Calhoun	955	1,575	213,592	948	1,276	213,319
Cass	717	1,177	197,133	717	949	197,133
Charlevoix	271	445	29,940	270	357	29,700
Cheboygan	330	484	44,024	328	422	43,944
Chippewa	416	634	87,997	409	516	86,921
Clare	395	643	54,529	393	517	54,123
Clinton	1,004	1,644	228,446	988	1,316	228,006
Crawford	39	61	2,905	39	49	2,905
Delta	252	403	58,726	252	316	58,726
Dickinson	157	254	(D)	157	194	(D)
Eaton	954	1,524	207,752	952	1,230	207,602
Emmet	324	539	39,256	322	408	39,196
Genesee	796	1,279	123,344	796	1,029	123,344
Gladwin	458	722	(D)	458	580	(D)
Gogebic	53	98	(D)	53	75	(D)
Grand Traverse	497	901	50,886	493	703	50,536
Gratiot	810	1,263	296,611	810	1,026	296,611
Hillsdale	1,181	1,943	251,767	1,181	1,537	251,767
Houghton	208	339	26,016	208	282	26,016
Huron	1,150	1,882	(D)	1,150	1,520	(D)
Ingham	903	1,589	178,108	901	1,225	178,068
Ionia	953	1,584	233,880	953	1,250	233,880
Iosco	241	391	33,687	241	295	33,687
Iron	133	196	23,450	133	169	23,450
Isabella	948	1,505	208,328	948	1,244	208,328
Jackson	915	1,499	159,314	913	1,199	159,288
Kalamazoo	693	1,172	138,093	690	937	137,661
Kalkaska	222	357	27,007	222	299	27,007
Kent	1,004	1,725	156,746	998	1,313	156,614
Keweenaw	9	9	240	9	9	240
Lake	167	267	21,629	167	209	21,629
Lapeer	1,011	1,757	164,404	1,007	1,389	162,714
Leelanau	466	860	49,873	466	663	49,873
Lenawee	1,349	2,141	382,738	1,344	1,732	381,941
Livingston	721	1,244	89,269	720	1,000	89,219
Luce	69	125	9,295	69	96	9,295
Mackinac	101	161	25,046	99	131	24,926
Macomb	400	648	73,620	400	543	73,620
Manistee	271	441	41,335	271	366	41,335
Marquette	179	295	30,250	179	254	30,250
Mason	467	711	85,188	467	592	85,188
Mecosta	686	1,164	114,592	686	968	114,592
Menominee	347	581	79,279	347	463	79,279
Midland	530	872	87,688	530	733	87,688
Missaukee	405	735	113,514	404	583	(D)
Monroe	1,073	1,727	206,861	1,073	1,408	206,861
Montcalm	955	1,616	230,182	951	1,259	230,162
Montmorency	178	276	26,099	178	216	26,099
Muskegon	474	812	63,138	469	608	62,984
Newaygo	847	1,410	135,660	839	1,095	135,147
Oakland	509	900	28,716	507	706	28,620
Oceana	545	962	127,077	545	737	127,077
Ogemaw	294	527	70,099	294	422	70,099
Ontonagon	114	179	27,106	113	151	26,666
Osceola	618	987	103,172	614	791	102,516
Oscoda	144	260	16,177	144	178	16,177
Otsego	191	348	(D)	191	270	(D)
Ottawa	1,124	1,972	171,787	1,120	1,542	171,699
Presque Isle	322	505	64,490	322	408	64,490
Roscommon	48	72	5,757	48	62	5,757
Saginaw	1,243	1,970	323,550	1,242	1,596	323,532
St. Clair	1,071	1,794	181,683	1,069	1,443	181,613
St. Joseph	892	1,525	244,344	892	1,198	244,344
Sanilac	1,305	2,206	435,678	1,305	1,751	435,678
Schoolcraft	62	102	15,034	60	74	(D)
Shiawassee	959	1,532	210,055	959	1,284	210,055
Tuscola	1,233	1,959	329,165	1,232	1,576	327,365
Van Buren	917	1,524	150,073	907	1,249	149,715
Washtenaw	1,213	2,056	175,473	1,209	1,614	174,939
Wayne	214	386	9,280	214	320	9,280
Wexford	303	478	40,202	303	374	40,202

Table 54. Producers Reporting More Than One Race: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	All farms with a producer reporting more than one race			Farms with a principal producer reporting more than one race		
	Farms	Producers reporting more than one race	Land in farms (acres)	Farms	Principal producers reporting more than one race	Land in farms (acres)
State Total						
Michigan.....	444	538	61,619	364	416	50,697
Counties						
Alcona.....	1	1	(D)	-	-	-
Allegan.....	5	7	852	4	4	510
Arenac.....	8	14	4,615	7	13	4,531
Barry.....	3	3	117	2	2	(D)
Bay.....	5	5	1,654	4	4	982
Benzie.....	2	4	(D)	2	4	(D)
Berrien.....	7	7	857	4	4	47
Branch.....	5	5	681	2	2	(D)
Calhoun.....	7	7	1,677	6	6	427
Cass.....	15	19	2,561	12	13	2,450
Charlevoix.....	2	2	(D)	-	-	-
Cheboygan.....	11	11	452	5	5	140
Chippewa.....	5	6	(D)	4	4	180
Clare.....	4	4	716	2	2	(D)
Clinton.....	12	12	680	12	12	680
Crawford.....	6	12	36	6	12	36
Delta.....	3	3	410	3	3	410
Dickinson.....	1	1	(D)	1	1	(D)
Eaton.....	12	12	5,484	12	12	5,484
Emmet.....	8	8	214	8	8	214
Genesee.....	6	6	257	6	6	257
Grand Traverse.....	1	1	(D)	1	1	(D)
Gratiot.....	6	6	441	6	6	441
Hillsdale.....	10	10	5,404	10	10	5,404
Houghton.....	4	4	480	-	-	-
Huron.....	3	6	(D)	3	4	(D)
Ingham.....	12	15	260	12	13	260
Ionia.....	1	1	(D)	1	1	(D)
Iosco.....	2	2	(D)	2	2	(D)
Isabella.....	10	16	418	8	14	98
Jackson.....	7	9	1,031	4	4	858
Kalamazoo.....	12	12	196	10	10	180
Kalkaska.....	6	10	320	4	4	310
Kent.....	12	12	982	6	6	720
Lake.....	2	2	(D)	2	2	(D)
Lapeer.....	6	9	1,112	3	3	1,100
Leelanau.....	5	7	324	3	5	(D)
Lenawee.....	10	28	1,531	9	27	1,413
Livingston.....	2	2	(D)	2	2	(D)
Luce.....	6	6	318	6	6	318
Mackinac.....	2	6	(D)	2	4	(D)
Macomb.....	2	2	(D)	2	2	(D)
Manistee.....	5	5	256	5	5	256
Mason.....	7	9	461	5	5	381
Mecosta.....	6	8	(D)	6	8	(D)
Menominee.....	4	8	342	4	6	342
Midland.....	2	2	(D)	-	-	-
Missaukee.....	3	3	107	1	1	(D)
Monroe.....	13	13	2,828	10	10	2,805
Montcalm.....	10	10	120	10	10	120
Montmorency.....	2	2	(D)	-	-	-
Muskegon.....	7	9	214	7	7	214
Newaygo.....	4	4	819	4	4	819
Oakland.....	10	10	322	8	8	266
Ontonagon.....	2	3	(D)	2	2	(D)
Osceola.....	14	14	1,043	14	14	1,043
Otsego.....	2	2	(D)	2	2	(D)
Ottawa.....	4	4	108	4	4	108
Roscommon.....	8	8	656	8	8	656
Saginaw.....	12	13	4,726	9	10	4,607
St. Clair.....	2	2	(D)	2	2	(D)
St. Joseph.....	2	2	(D)	2	2	(D)
Sanilac.....	8	10	823	8	8	823
Schoolcraft.....	2	2	(D)	-	-	-
Shiawassee.....	3	5	54	3	5	54
Tuscola.....	12	12	2,622	9	9	2,552
Van Buren.....	14	16	353	8	8	269
Washtenaw.....	16	18	1,040	14	14	860
Wayne.....	16	23	548	16	16	548
Wexford.....	5	6	74	5	5	74

Table 55. Producers with Military Service: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	All farms with a producer with military service			Farms with a principal producer with military service		
	Farms	Producers with military service	Land in farms (acres)	Farms	Principal producers with military service	Land in farms (acres)
State Total						
Michigan	7,163	7,416	1,097,919	6,683	6,818	997,254
Counties						
Alcona	74	76	11,500	64	64	10,634
Alger	29	29	3,237	29	29	3,237
Allegan	133	134	18,790	129	130	18,553
Alpena	69	69	10,834	60	60	8,852
Antrim	54	56	9,038	51	51	8,459
Arenac	65	65	8,674	62	62	8,488
Baraga	7	7	2,231	5	5	2,003
Barry	166	166	17,954	163	163	17,866
Bay	109	114	20,954	106	108	19,653
Benzie	47	47	4,141	45	45	3,454
Berrien	137	139	15,701	130	132	15,343
Branch	100	100	25,148	98	98	24,960
Calhoun	136	142	22,145	124	124	20,905
Cass	123	129	35,027	118	124	34,741
Charlevoix	38	41	4,068	34	35	3,819
Cheboygan	69	69	8,589	63	63	8,277
Chippewa	109	111	23,800	105	107	22,940
Clare	66	68	4,667	53	53	4,525
Clinton	136	143	16,345	117	120	15,036
Crawford	2	2	(D)	2	2	(D)
Delta	84	84	13,535	80	80	13,415
Dickinson	22	22	4,089	19	19	3,684
Eaton	132	132	17,433	124	124	16,929
Emmet	60	61	9,863	59	59	9,846
Genesee	134	140	10,340	117	122	8,636
Gladwin	61	61	6,385	61	61	6,385
Gogebic	11	11	(D)	11	11	(D)
Grand Traverse	83	83	5,672	81	81	5,373
Graiot	102	104	40,060	87	88	34,344
Hillsdale	199	208	29,610	183	191	20,080
Houghton	21	27	2,075	19	23	2,071
Huron	125	135	22,622	123	128	22,464
Ingham	120	128	21,393	107	113	20,286
Ionia	127	134	31,558	121	124	31,106
Iosco	62	66	5,567	56	56	5,423
Iron	28	28	2,495	27	27	2,440
Isabella	144	150	31,457	140	146	30,131
Jackson	147	160	10,642	143	149	10,593
Kalamazoo	112	117	21,283	105	108	21,066
Kalkaska	42	42	4,626	41	41	4,281
Kent	116	124	17,211	110	118	15,278
Lake	18	18	2,220	18	18	2,220
Lapeer	138	146	16,544	122	124	16,061
Leelanau	73	74	11,050	73	73	11,050
Lenawee	205	208	53,423	194	195	26,325
Livingston	119	120	8,092	99	99	7,397
Luce	10	10	2,391	10	10	2,391
Mackinac	18	19	6,291	16	16	6,271
Macomb	44	45	4,797	41	41	4,750
Manistee	50	50	6,861	48	48	6,411
Marquette	34	35	5,795	32	32	5,395
Mason	77	77	12,221	71	71	9,136
Mecosta	118	119	15,702	118	119	15,702
Menominee	91	93	13,505	88	89	12,845
Midland	100	101	10,832	87	88	10,456
Missaukee	45	51	11,578	36	36	4,424
Monroe	140	143	23,177	133	134	20,459
Montcalm	122	123	20,435	117	117	17,213
Montmorency	31	31	2,764	28	28	2,184
Muskegon	61	68	7,585	59	61	7,146
Newaygo	154	156	20,865	149	150	20,333
Oakland	44	44	2,756	41	41	2,737
Oceana	114	117	19,367	89	90	15,338
Ogemaw	53	54	3,138	43	43	2,908
Ontonagon	27	32	6,262	25	28	5,454
Osceola	109	121	12,995	104	107	12,711
Oscoda	20	20	3,216	18	18	1,736
Otsego	38	41	6,187	32	34	4,636
Ottawa	127	130	13,181	120	123	13,092
Presque Isle	33	33	7,188	27	27	6,523
Roscommon	14	16	1,064	14	16	1,064
Saginaw	186	191	28,473	170	171	26,915
St. Clair	161	176	20,561	149	162	20,249
St. Joseph	116	121	16,542	111	116	14,889
Sanilac	120	121	23,175	112	113	22,776
Schoolcraft	8	9	2,046	8	9	2,046
Shiawassee	127	140	22,580	124	130	22,480
Tuscola	191	204	31,284	181	188	30,039
Van Buren	190	197	27,847	179	184	27,066
Washtenaw	148	150	13,630	140	140	11,430
Wayne	26	26	1,484	26	26	1,484
Wexford	62	62	7,015	59	59	6,895

Table 56. Young Producers: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	All farms with a young producer			Farms with a young principal producer		
	Farms	Young producers	Land in farms (acres)	Farms	Young principal producers	Land in farms (acres)
State Total						
Michigan.....	6,023	8,012	1,518,080	4,269	5,021	909,857
Counties						
Alcona.....	19	23	2,657	13	16	2,187
Alger.....	26	33	3,028	15	19	654
Allegan.....	148	202	50,671	111	133	36,594
Alpena.....	28	33	8,571	19	19	3,820
Antrim.....	27	37	1,492	24	24	1,338
Arenac.....	27	37	6,427	22	28	3,948
Baraga.....	10	13	1,876	1	2	(D)
Barry.....	96	132	23,099	75	90	17,840
Bay.....	80	99	26,688	67	74	19,511
Benzie.....	20	20	3,044	10	10	156
Berrien.....	78	89	18,157	48	48	6,478
Branch.....	92	122	22,776	71	81	16,870
Calhoun.....	109	158	31,547	81	95	12,136
Cass.....	119	154	41,318	99	121	34,852
Charlevoix.....	20	27	1,290	15	18	494
Cheboygan.....	27	35	1,900	20	28	980
Chippewa.....	59	67	8,861	39	39	4,888
Clare.....	72	99	7,971	56	63	5,129
Clinton.....	112	134	37,313	75	88	19,473
Crawford.....	2	2	(D)	-	-	-
Delta.....	38	64	4,008	25	37	2,926
Dickinson.....	10	14	1,834	2	2	(D)
Eaton.....	120	142	18,156	86	94	10,832
Emmet.....	38	65	3,044	20	31	1,967
Genesee.....	81	120	20,466	54	62	7,423
Gladwin.....	64	81	5,438	41	48	3,094
Gogebic.....	13	19	1,041	8	10	861
Grand Traverse.....	49	87	7,812	33	48	3,516
Gratiot.....	148	192	52,313	126	154	34,559
Hillsdale.....	152	191	40,504	117	131	19,496
Houghton.....	38	43	3,533	22	23	2,059
Huron.....	139	168	93,799	99	108	60,327
Ingham.....	148	204	37,537	108	133	31,747
Ionia.....	118	156	32,522	72	85	18,301
Iosco.....	10	14	3,673	4	4	1,800
Iron.....	7	7	5,214	5	5	2,304
Isabella.....	122	160	20,166	100	116	13,890
Jackson.....	125	156	35,847	82	91	16,942
Kalamazoo.....	74	92	26,939	43	57	15,057
Kalkaska.....	22	31	2,500	16	18	1,898
Kent.....	161	226	29,365	105	120	18,274
Keweenaw.....	6	6	120	6	6	120
Lake.....	15	20	1,314	13	14	1,234
Lapeer.....	154	214	36,938	101	130	11,880
Leelanau.....	82	111	6,284	53	63	3,221
Lenawee.....	123	163	48,076	89	101	10,829
Livingston.....	73	105	17,313	49	66	7,396
Luce.....	15	15	2,619	14	14	2,038
Mackinac.....	7	11	3,091	4	5	(D)
Macomb.....	34	51	13,168	27	35	13,066
Manistee.....	37	52	14,657	32	41	5,389
Marquette.....	28	32	1,363	19	20	814
Mason.....	50	68	8,703	38	44	4,936
Mecosta.....	113	155	27,359	85	107	20,124
Menominee.....	31	40	9,175	16	19	1,993
Midland.....	69	85	12,937	52	59	10,707
Missaukee.....	70	93	35,225	48	65	18,084
Monroe.....	123	152	27,951	88	102	10,255
Montcalm.....	146	198	42,813	114	123	30,203
Montmorency.....	21	29	5,660	16	16	4,706
Muskegon.....	78	109	14,957	40	48	9,377
Newaygo.....	107	146	19,851	75	85	12,646
Oakland.....	75	92	3,514	41	50	1,745
Oceana.....	77	108	25,703	43	48	14,455
Ogemaw.....	54	88	11,006	41	66	7,880
Ontonagon.....	11	16	2,722	8	10	1,382
Osceola.....	61	86	9,268	50	55	7,523
Oscoda.....	36	58	1,909	28	29	1,419
Otsego.....	27	29	2,729	19	20	2,131
Ottawa.....	140	183	40,916	75	95	10,320
Presque Isle.....	36	47	6,904	31	38	5,521
Roscommon.....	2	2	(D)	2	2	(D)
Saginaw.....	126	165	30,817	93	111	22,852
St. Clair.....	101	131	35,964	77	88	33,128
St. Joseph.....	150	213	28,087	119	142	22,172
Sanilac.....	226	308	87,106	165	196	62,560
Schoolcraft.....	11	16	960	2	2	(D)
Shiawassee.....	144	173	37,916	110	119	24,902
Tuscola.....	149	199	42,992	107	115	29,501
Van Buren.....	104	135	26,861	66	77	11,363
Washtenaw.....	150	207	19,288	96	118	8,309
Wayne.....	74	108	1,549	62	78	1,282
Wexford.....	39	49	6,748	26	26	4,225

Table 57. New and Beginning Producers: 2017

[Data were collected for a maximum of four producers per farm. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	All farms with a new and beginning producer			Farms with a new and beginning principal producer		
	Farms	New and beginning producers	Land in farms (acres)	Farms	New and beginning principal producers	Land in farms (acres)
State Total						
Michigan	13,314	20,248	1,952,004	11,396	14,717	1,342,566
Counties						
Alcona.....	75	108	4,764	68	82	4,246
Alger.....	56	103	4,114	53	81	2,002
Allegan.....	271	415	34,557	220	272	25,681
Alpena.....	114	152	10,107	105	115	5,849
Antrim.....	101	161	14,813	97	137	13,980
Arenac.....	90	136	13,649	80	118	11,334
Baraga.....	19	34	2,558	15	23	1,418
Barry.....	298	456	40,706	267	337	27,159
Bay.....	161	220	33,544	133	160	21,622
Benzie.....	75	126	5,154	72	101	2,659
Berrien.....	217	323	31,515	192	244	22,106
Branch.....	198	282	33,449	171	208	27,536
Calhoun.....	254	384	40,546	221	283	19,882
Cass.....	235	344	63,897	213	262	57,256
Charlevoix.....	66	113	4,177	59	85	3,109
Cheboygan.....	76	103	4,566	70	89	4,086
Chippewa.....	144	223	13,494	135	169	12,679
Clare.....	107	170	7,763	100	128	7,295
Clinton.....	195	281	36,441	149	197	23,770
Crawford.....	9	19	636	9	15	636
Delta.....	63	109	5,841	52	78	5,359
Dickinson.....	48	65	4,305	40	51	2,753
Eaton.....	201	293	37,100	167	222	24,944
Emmet.....	132	223	11,382	119	159	9,012
Genesee.....	206	329	24,011	170	216	14,858
Gladwin.....	118	190	10,565	105	139	8,339
Gogebic.....	29	49	3,310	24	31	3,130
Grand Traverse.....	136	229	13,278	108	158	10,019
Gratiot.....	213	274	60,523	175	210	45,201
Hillsdale.....	246	357	43,679	204	259	17,682
Houghton.....	79	109	7,107	71	86	6,435
Huron.....	252	386	71,191	214	275	41,565
Ingham.....	339	556	42,347	294	418	36,272
Ionia.....	235	338	29,038	196	231	22,591
Iosco.....	70	95	7,266	56	63	5,838
Iron.....	29	44	2,858	28	37	2,348
Isabella.....	266	417	33,260	239	314	22,888
Jackson.....	241	381	39,436	212	279	21,788
Kalamazoo.....	185	256	23,707	148	192	15,214
Kalkaska.....	69	119	5,219	62	90	4,951
Kent.....	333	572	36,268	273	363	21,214
Keweenaw.....	6	6	120	6	6	120
Lake.....	47	66	4,161	42	47	3,551
Lapeer.....	313	523	32,930	272	384	19,866
Leelanau.....	219	364	16,568	202	281	9,772
Lenawee.....	309	441	74,278	247	310	32,606
Livingston.....	245	378	21,205	217	289	13,862
Luce.....	26	56	1,629	19	43	844
Mackinac.....	41	67	5,570	38	51	4,746
Macomb.....	100	154	14,153	98	127	13,953
Manistee.....	107	159	18,325	101	132	9,097
Marquette.....	59	94	6,349	52	69	5,880
Mason.....	154	219	16,369	133	158	14,125
Mecosta.....	197	297	33,884	171	225	26,935
Menominee.....	66	100	12,687	51	71	5,505
Midland.....	150	220	15,244	131	151	12,743
Missaukee.....	111	158	26,983	97	117	9,845
Monroe.....	316	451	41,287	261	317	24,516
Montcalm.....	294	458	49,044	246	313	32,409
Montmorency.....	74	92	7,461	64	68	6,029
Muskegon.....	173	271	14,939	143	178	11,040
Newaygo.....	225	351	27,264	186	240	19,556
Oakland.....	191	295	8,385	153	228	5,518
Oceana.....	159	257	31,601	123	160	19,945
Ogemaw.....	104	172	16,434	91	127	11,923
Ontonagon.....	40	63	5,850	37	53	4,296
Osceola.....	161	239	20,491	134	161	17,337
Oscoda.....	51	84	3,093	46	49	2,725
Otsego.....	63	98	5,932	55	80	5,334
Ottawa.....	255	390	45,910	190	253	29,079
Presque Isle.....	84	117	12,522	79	100	11,193
Roscommon.....	21	38	2,656	21	36	2,656
Saginaw.....	304	436	72,542	265	324	62,610
St. Clair.....	306	445	53,988	274	337	49,853
St. Joseph.....	251	376	46,107	209	265	28,345
Sanilac.....	396	561	87,571	323	396	60,360
Schoolcraft.....	15	21	1,518	9	12	1,296
Shiawassee.....	265	359	38,610	228	277	22,030
Tuscola.....	315	456	59,026	274	340	45,212
Van Buren.....	242	377	41,490	190	259	19,706
Washtenaw.....	375	611	31,509	327	428	20,506
Wayne.....	132	231	3,246	123	174	1,895
Wexford.....	101	153	10,932	82	104	7,041

Appendix A.

Census of Agriculture Methodology

The purpose of a census is to enumerate all objects with a defined characteristic. For the census of agriculture, that goal is to account for “any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year.” To do this, NASS creates a Census Mail List (CML) of agricultural operations that potentially meet the farm definition, collects agricultural information from those operations, reviews the data, corrects or completes the requested information, and combines the data to provide information on the characteristics of farm operations and farm producers at the national, State, and county levels. In this appendix, these census processes are described.

THE CENSUS POPULATION

The Census Mail List

The National Agricultural Statistics Service (NASS) maintains a list of farmers and ranchers from which the CML is compiled. The goal is to build as complete a list as possible of agricultural places that meet the farm definition. The CML compilation begins with the list used to define sampling populations for NASS surveys conducted for the agricultural estimates program. Each record on the list includes name, address, telephone number, and email plus additional information that is used to efficiently administer the census of agriculture and agricultural estimates programs.

NASS builds and improves the list on an ongoing basis by obtaining outside source lists. Sources include State and federal government lists, producer association lists, seed grower lists, pesticide applicator lists, veterinarian lists, marketing association lists, and a variety of other agriculture-related lists. NASS also obtains special commodity lists to address specific list deficiencies. These outside source lists are matched to the NASS list using record linkage programs. Most names on newly acquired

sources are already on the NASS list. Records not on the NASS list are treated as potential farms until NASS can confirm their existence as a qualifying farm. Staff in NASS regional and field offices routinely contact these potential farms to determine whether they meet the farm definition. For the 2017 Census of Agriculture, NASS made a concerted effort to work with community-based organizations not only to improve list coverage for minorities but also to increase census awareness and participation.

List building activities for developing the 2017 CML started in 2014 by updating list information from respondents to the 2012 Census of Agriculture. Between 2015 and 2017, NASS conducted a series of National Agricultural Classification Surveys (NACS) on approximately 1.6 million records, which included nonrespondents from the 2012 census and newly added records from outside list sources. The NACS report forms collected information that was used to determine whether an operation met the farm definition. If the definition was met, the operation was added to the NASS list and subsequently to the CML. Addressees that were nonrespondents to a NACS were also added to the CML and identified with a special status code.

Measures were taken to improve name and address quality. Additional record linkage programs were run to detect and remove duplicate records both within each State and across States. List addresses were processed through software programs that utilize the United States Postal Service’s National Change of Address System and the Locatable Address Conversion System to improve mail delivery. Records on the list with missing or invalid phone numbers were matched against a nationally available telephone database to obtain as many phone numbers as possible. To reduce costs, operations with characteristics that indicated they were unlikely to be farms, according to the farm definition, were removed from the list.

The official CML for the 2017 Census of Agriculture was established on September 3, 2017. The list contained 2,999,098 records. Of these, 2,259,750 records were thought to meet the NASS farm definition and 739,348 were potential farm records, which included NACS nonrespondents, other records added to the CML by the NASS regional field offices after the record linkage process, and late adds to the CML that were not included in any previous NACS or State screening survey.

Not on the Mail List (NML)

Extensive efforts are directed toward developing a CML that includes all farms in the U.S. However, some farms are not on the list, and some agricultural operations on the list are not farms. NASS uses its June Area Survey (JAS) to quantify the number and types of farms not on the CML. The records in the JAS that are not on the CML are said to be in the Not-on-the-Mail List (NML) domain. If a JAS record in the NML domain is determined to be a farm during the census, it is an NML farm. The NML farms are used to measure coverage associated with the census.

The JAS is based on an area frame, which covers all land in the U.S. and includes all farms. The land in the U.S. is stratified by characteristics of the land. A probability sample of segments is drawn within each stratum for the JAS. Segments of approximately equal size are delineated within each stratum and designated on aerial photographs. The JAS sample of segments is allocated to strata to provide accurate measures of acres planted to widely grown crops, farm numbers, and inventories of cattle. Sampled segments in the JAS are personally enumerated. Each operation identified within a segment boundary is known as a tract.

The 2017 JAS sample was increased to improve the farm counts for operations that produced specialty commodities or had socially disadvantaged or minority producers. The total JAS sample consisted of 13,972 segments of which 3,012 were additional segments. This set of additional segments is referred to as the Agricultural Coverage Evaluation Survey (ACES) segments. The ACES segments were selected using a multivariate sampling design that targeted specific items at the U.S. level. The 2017 JAS

consisted of sample segments from all States, with the exception of Alaska where NASS does not maintain an area frame.

During the JAS/ACES enumeration process, each tract is identified as either agricultural or non-agricultural. Each JAS/ACES agricultural tract is identified as a farm or non-farm in June based on the farm definition of \$1,000 of sales or potential sales of agricultural products. Non-agricultural tracts are further classified into categories: with farm potential, with unknown farm potential, or with no farm potential. The names and addresses collected in the 2017 JAS/ACES were matched to the CML. Those from the 2017 JAS/ACES that did not match were determined to be in the NML domain and sent a yellow census report form so that they could be differentiated from the green report form sent to those addressees on the CML. Instructions on the census report form directed any respondent who received duplicate forms to complete the CML form and to mail all duplicate forms back together. Those who returned a CML and an NML form had been misclassified as NML and were removed from the NML domain.

The initial NML mailout consisted of 42,430 records. A total of 41,787 NML records were summarized of which 2,799 records were confirmed to be NML and in-scope.

The farm/nonfarm status of each NML domain operation was determined based on the reported data in the census form. An operation in the NML domain that was determined to be a farm is referred to as an NML farm. Characteristics of NML farms and their producers provided a measure of the undercoverage of farms on the CML. The percentage of farms not represented on the CML varied by State. In general, NML farms tended to be small in acreage, production, and sales of agricultural products. Farm operations were missing from the CML for various reasons, including the possibility that the operation started after development of the CML, the operation was so small that it did not appear in any agriculture-related source list, or the operation was misclassified as a nonfarm prior to census mailout. The CML was used with the NML in a capture-recapture framework to represent all farming operations across all States in the JAS sample.

DATA COLLECTION OUTREACH AND PROMOTIONAL EFFORTS

NASS planned and executed a multi-phase strategic communications campaign for the 2017 Census of Agriculture, to increase the level of awareness and response among all U.S. agricultural producers.

- Phase 1 ran from December 2016 – June 2017. It raised awareness about the census and list building, encouraged producers to sign up in response to NASS mailings and at community, association, and other stakeholder meetings where NASS partners reached out.
- Phase 2 ran from July 2017 – December 2017. It notified farm producers and agricultural organizations that the census would be mailed in December, and encouraged communications regarding the census.
- Phase 3 ran from December 2017 – July 2018. It focused on census data collection with messaging urging response, reminding producers that it was not too late to respond.
- Phase 4 ran from August 2018 – February 2019. It thanked producers for their participation and NASS partners for their support, and informed all of the February 2019 data release plan.

The communications campaign focused on these primary areas: partnership building, local-level outreach, public relations, media relations, paid media, and social media. Some external support was provided by a private communications agency (i.e. primarily assistance with paid media/advertising strategy and ad creation) and a freelance writer.

The unifying force behind the 2017 communications campaign was the theme “Your Voice. Your Future. Your Opportunity.” This was accompanied by supporting messages and artwork that created a consistent look and feel for all census communications. All messages and materials served the purpose of inspiring action: *Grow Your Farm Future - Shape Your Farm Programs - Boost Your Rural Services - Fill out your Census of Agriculture - Do your part to be counted - The Census of*

Agriculture is Your Voice, Your Future, Your Opportunity.

Partnership and Local-Level Outreach

At the national level, NASS officials met with leaders from dozens of agricultural organizations, State Departments of Agriculture, and other USDA agencies to successfully secure their support in promoting the census among their constituencies. Stakeholders partnered with NASS to promote the 2017 Census of Agriculture through publications (e.g. newsletters), special mailings, speeches, social media, websites, and other communications. In addition, through grassroots-level outreach and efforts, NASS partnered with a number of community-based organizations to reach minority and limited-resource farmers and ranchers. National-level outreach was encouraged and mirrored at the regional, State, and local levels. Among the highlights of these partnership efforts was the production of multiple television and radio public service announcements featuring the U.S. Secretary of Agriculture, State secretaries, directors, and commissioners of agriculture and leaders from community-based organizations.

Coverage of American Indian and Alaska Native Farm Producers

To maximize coverage of American Indian and Alaska Native agricultural producers, special procedures were followed in the census. A concerted effort was made to get individual reports from every American Indian and Alaska Native farm or ranch producer in the country. If this was not possible within some reservations, a single reservation-level census report was obtained from knowledgeable reservation officials. These reports covered agricultural activity on the entire reservation. NASS staff reviewed these data and removed duplication with any data reported by American Indian or Alaska Native producers who responded on an individual census report form. Additionally NASS obtained, from knowledgeable reservation officials, the count of American Indian and Alaska Native producers (on reservations) who were not counted through individual census report forms, but whose agricultural activity was included in the reservation-level report form.

Table D, **American Indian and Alaska Native Producers: 2017** provides the number of producers (1) reported as American Indian or Alaska Native in the race category, either as a single race or in combination with other races, on the individual census report forms (for up to four per farm) and (2) identified as American Indian or Alaska Native producers farming on reservations by reservation officials. The count from the individual report forms is summarized in the “Individually reported” column. It includes up to four producers on or off reservations. The “Other” column provides counts of producers on reservations as reported by a reservation or tribal official. The “Total” column is simply a sum of the “Individually reported” and the “Other” columns. Tables in other parts of the publication count the reservation-level reports as single farms.

Public Relations

In the public relations arena, NASS worked with internal and external stakeholders to equip them with communications tools and resources to deliver the census communications message to their audiences. NASS utilized its Intranet and the Partner Tools page on the census website to deliver materials to the 12 regional and 46 field offices as well as to external stakeholders. The materials included but were not limited to: customizable news releases, public service announcement scripts, and a PowerPoint template; Secretary of Agriculture video public service announcements, and drop-in advertisements; informational, instructional, and testimonial videos; website buttons and banners; brochures in multiple languages; flyers; posters; FAQ sheets, talking points, and more. In addition, at the national level, NASS issued six news releases during data collection (three more were produced before data collection to inform and prepare producers) citing department and agency spokespeople, published half a dozen timely and relevant pieces to the USDA blog highlighting the census, and conducted three social media campaigns. These public relations efforts at the national and local-levels helped ensure that NASS’ message about the census was continually in the media, including print and online publications, a variety of social media, radio, and some television programs. Media outlets included both those specializing in agriculture and more general outlets.

Paid Media

Even with increasingly limited budgets and resources, NASS was able to apply a small portion of funds toward paid media. For the 2017 Census of Agriculture, NASS strategically advertised in regional print publications, online, and with national agriculture news services (i.e. TV, radio) to bolster reach both in general and within geographically-specific, previously under-represented populations and lower response areas.

DATA COLLECTION

Method of Enumeration

Data collection was accomplished primarily by mail, Computer-Assisted Self Interview (CASI) on the Internet, and personal enumeration for special classes of records in the census operations. Personal enumeration (interviewing) involved the use of both Computer-Assisted Telephone Interview (CATI) and Computer-Assisted Personal Interview (CAPI) data collection instruments. Enumerators at the five NASS Data Collection Centers conducted CATI data collection. In addition, enumerators under contract with NASS through the National Association of State Departments of Agriculture (NASDA) conducted phone and personal interviews with respondents. For the 2017 Census of Agriculture, NASS implemented a pre-notification strategy in an effort to increase awareness, improve overall responses, and encourage respondents to report early to avoid continued correspondence. All records with an e-mail address received an e-mail message marketing the improved web form and announcing the census mail packets were coming.

Report Forms

Four versions of report forms were used for the 2017 Census of Agriculture:

- General form (17-A100)
- Short form (17-A200)
- Hawaii form (17-A101)
- American Indian form (17-A300)

The general form facilitated reporting crops and livestock most commonly grown and raised in the U.S. The short form expedited reporting specific crops or livestock for pre-identified farms and ranches in the U.S. The Hawaii form targeted crops and

livestock specifically grown or raised on farms and ranches in Hawaii. The American Indian form focused on crops and livestock for farms and ranches on reservations in Arizona, New Mexico, and Utah. All of the report forms allowed respondents to write in specific commodities that were not prelisted on their report form.

Report Form Mailings

Pre-notification of census data collection began on November 17, 2017. Approximately 600,000 producers with an active e-mail address on the census mail list received a message informing them of the upcoming census data collection period and encouraging them to utilize the new census web form. Between November 27 and November 30, 2017, approximately 1 million producers received a letter with their survey code and instructions for completing their census online. The letter encouraged producers to report online early to avoid receiving mail and phone follow-up. Approximately 3 million mail packets were mailed in December 2017 and January 2018. Each packet contained a cover letter, instruction sheet, a labeled report form, and a return envelope. The Census Bureau's National Processing Center (NPC) in Jeffersonville, IN was contracted to perform mail packet preparation, initial mailout, and two follow-up mailings to nonrespondents.

The initial mailout was followed by a thank-you reminder postcard that was delivered in January 2018 to all operations that received mail packets. First follow-up mail packets were mailed in mid-February 2018 to approximately 1.5 million nonrespondents. Second follow-up mail packets were mailed in mid-March 2018 to approximately 1 million nonrespondents.

Nonresponse Follow-up

Operating concurrently with NPC's mail data collection efforts, NASS Data Collection Centers targeted selected groups of census nonrespondents for telephone enumeration. NASS regional field offices targeted selected groups of census nonrespondents for in-person enumeration. These efforts were referred to as:

- Must Case Follow-up

- American Indian Producer Follow-up
- National Nonresponse Follow-up
- Not on Mail List (NML) Follow-up

Must Case Follow-up. Must cases are known large or unique operations, the absence of which could have significantly affected the accuracy of census results. For the 2017 Census of Agriculture, 125,697 records were categorized as Must cases. Each active Must operation was accounted for by mail receipt, phone interview, or personal enumeration; if an operation was no longer in business, its nonfarm status was documented. Call centers conducted CATI calling of nonrespondent Must cases from March 2018 through May 2018, after the initial and first follow-up mailings. Following the CATI calling, the remaining nonresponse Must cases were assigned to regional field offices for personal enumeration. Because of the potential importance of Must cases, they were all accounted for and therefore not eligible for nonresponse weighting adjustment.

American Indian Producer Follow-up. The American Indian report form (17-A300) was mailed to all operations in Arizona, New Mexico and Utah thought to have an American Indian producer. It was included in the initial mailout, but due to poor mail response, a personal enumeration data collection strategy was utilized with no additional mail follow-up. A concerted effort was made to get individual reports from every American Indian farm producer in the country. If this was not possible within a reservation, a single reservation-level census report was obtained from knowledgeable reservation officials. These reports covered agricultural activity on the entire reservation. NASS staff reviewed these data and removed any duplicate data reported by American Indian producers from that reservation who responded on an individual census report form. Additionally NASS obtained, from knowledgeable reservation officials, the count of American Indian farm producers (on the reservations) who were not counted through individual census report forms, but whose agricultural activity was included in the reservation-level report form.

National Nonresponse Follow-up (Excludes Must Records). The National Nonresponse follow-up activity was designed to focus nonresponse follow-up in a manner that would both reflect the characteristics

of the nonresponders and increase response rates. In April 2018, a sample of 249,521 nonrespondents was selected from the remaining 864,260 nonrespondents using a stratified random design. The strata were based on State, county, size of farm, type of farm, producer race, and propensity to respond. Beginning in mid-April 2018 and continuing through July 2018, extensive efforts were made to collect data for the sampled records, including an additional CASI push, autodial calls, CATI, and CAPI. Records in the same stratum received the same set of collection methods. Of the 80,504 responses, 51,846 records were identified as being in-scope, resulting in a weighted farm count of 143,847 from the sample.

Not-on-the-Mail List (NML) Follow-up. To account for farming operations not on the CML, NASS used its 2017 JAS sample from the NASS area frame, augmented with the ACES segments. Because the NASS area frame covers all land in the U.S. with the exception of Alaska, it includes all farms. As previously described, NASS conducted a record linkage operation between the CML records and the records from the 2017 JAS/ACES. Those 2017 JAS records that did not match records on the CML were designated as “Not-on-the-Mail List” (NML) records. These records were mailed a yellow census form so that it could be differentiated from the green forms mailed to CML records. The NML records were mailed at the same time as the census mailing and received the same follow-up procedures as the census mailing through the first follow-up in mid-February 2018. Beginning in March 2018, CATI was used for nonresponse follow-up for NML nonrespondents.

REPORT FORM PROCESSING

Data Capture

The Census Bureau’s National Processing Center (NPC) in Jeffersonville, IN was contracted to process returned mail packets. NASS staff on site at the NPC provided technical guidance and monitored NPC processing activities. All report forms returned to the NPC were immediately checked in, using bar codes printed on the mailing label, and removed from follow-up report form mailings. All forms with any data were scanned and an image was made of each page of a report form. Optical Mark Recognition (OMR) was used to capture categorical responses and to identify the other answer zones in which some type

of mark was present.

Data entry operators keyed data from the scanned images using OMR results that highlighted the areas of the report forms with respondent entries. The keyer evaluated the contents and captured pertinent responses. Ten percent of the captured data were keyed a second time for quality control. If differences existed between the first keyed value and the second, an adjudicator handled resolution. The decision of the adjudicator was used to grade the performance of the keyers, who were required to maintain a certain accuracy level.

The images and the captured data were transferred to NASS’s centralized network and became available to NASS analysts on a flow basis. The images were available for use in all stages of review.

Editing Data

Captured data were processed through a computer formatting program that verified that records were valid – that the record ID number was on the list of census records, that the reported counties of operation and production were valid, and other related criteria. Rejected records were referred to analysts for correction. Accepted records were sent to a complex computer batch edit process. Each execution of the computer edit in batch mode consisted of records from only one State and flowed as the data were received from NPC, the NASS Computer-Assisted Self Interview (CASI), or the Computer-Assisted Telephone Interview (CATI) applications.

The computer edit determined whether a reporting operation met the qualifying criteria to be counted as a farm (in-scope). The edit examined each in-scope record for reasonableness and completeness and determined whether to accept the recorded value for each data item or take corrective action. Such corrective actions included removing erroneously reported values, replacing an unreasonable value with one consistent with other reported data, or providing a value for an item omitted by the respondent. To the extent possible, the computer edit determined a replacement value. Strategies for determining replacement values are discussed in the next section. Operations failing to meet the qualifying criteria for being classified as a farm were categorized as out-of-scope for the census. Records that NASS had reason

to believe might have been erroneously classified as out-of-scope (indications of recent and/or significant agricultural activity reported on NASS surveys, for example) were referred to analysts for verification.

The edit systematically checked reported data section-by-section with the overall objective of achieving an internally consistent and complete report. NASS subject-matter experts had previously defined the criteria for acceptable data. Problems that could not be resolved within the edit were referred to an analyst for intervention. Prior to the census mail-out, NASS established a group of analysts in a Census Editing Unit in the National Operations Center in St. Louis, MO who examined the scanned images, consulted additional sources of information, and determined an appropriate action. Regional field office analysts also participated using an interactive version of the edit program to submit corrected data and immediately re-edit the record to ensure a satisfactory solution.

Short Form Editing

From the CML, 400,000 records were selected to receive a short form; this short form was derived from the full census report form by reducing a number of sections to a ‘total’ question – for example, instead of asking the respondent to report the acreage for each specific type of fruit or vegetable, the short form only asked for total fruit acreage or total vegetable acreage. In some cases, the same questions were asked on the general form, in which case the edit treated the short form responses as though they were incomplete general forms, as described in the previous paragraphs. In other cases, several items on the general form were collapsed – for example, total acres of Christmas trees and short rotation woody crops were asked as a single item on the short form, instead of separately as on the general form. In such cases, different approaches were taken in the edit to create a general form item or items from the short-form specific items. Any short form record that reported values above a certain threshold (in practice this threshold was 0 for almost all items) for these short-form-specific questions was ‘flagged’ by the edit; these records were later called back and the respondent asked for additional information about the items reported – for example, a producer reporting 10 acres of fruit on the short form was called back and asked for the total, bearing, and nonbearing acres for each type of fruit grown, as was asked on the general

form. If the producer was successfully contacted and these additional data collected, the information was added to the record as additional reported data, and the edit was ‘reset to original’ – that is, the effects of the previous edit were undone – and the record was reedited with the new additional information. A flag was passed to the edit so that the short form record was not flagged for callback in such cases. In many cases, of course, it was not possible to recontact the respondent. In such cases, a flag was passed to the edit system, and the record was unlocked and available for review.

Imputing Data

The edit determined the best value to impute for reported responses that were deemed unreasonable and for required responses that were absent. If an item could not be calculated directly from other current responses, the edit determined whether acreage, production, or inventory items had been reported for that farm on a recent NASS crop or livestock survey. For producers who had not changed in five years, demographics such as race and gender were taken from the previous census. Administrative data from the Farm Service Agency were used for a few items, such as Conservation Reserve Program acreage. When deterministic edit logic and previously-reported data sources were unable to provide a current value, data from a reporting farm of similar type, size, and location were considered. In cases where automated imputation was unable to provide a consistent report, the record was referred to an analyst for resolution.

Separate system processes were established to efficiently provide data from a similar farm to the edit when donor imputation was required. The farm characteristics used to define similarity between a recipient record and its donor record were determined dynamically by the edit logic. Euclidean distance was used for similarity computations, with each contributing similarity characteristic scaled appropriately. The most similar farm based on this criterion (the “nearest neighbor”) was identified and returned to the edit for use as a donor. The calculated distance between the centroids of the principal counties of production of the donor and recipient was always included as one of the measures of similarity.

To provide donors to the automated edit, a pool of successfully edited records was maintained for each section of the report form. These donor pools began with 2012 census data, reconfigured to emulate 2017 data and then edited using 2017 logic. Data from the 2015 Census Content Test were similarly remapped and edited before being added to the original donor pools. As 2017 records were successfully processed, they were added to the donor pools, which maintained the most recent data for each farm. Donor pools were updated approximately every other week, as determined by edit processing schedules. After several updates, all initial data records were dropped, leaving only 2017 records in the donor pools. After each update, donor pool records were grouped into strata containing farms in the same State of similar type and size, using a data-driven algorithm to define strata. Certain American Indian farms were treated as a separate group, effectively having their own donor pool.

In response to each donor request issued by the edit, a dedicated system process would search the appropriate stratum and respond with the most similar donor, while giving preference to more recent donors. In relatively rare instances where it was unable to provide a donor, the donor selection process issued an appropriate failure message to the edit. Imputation failures occurred for several different reasons. The requirement that an imputed value be positive could have ruled out all available donors, as could have the necessity for the donor record to satisfy a particular constraint – say, that the donor record has cattle, but no milk cows. In general, an imputation failure occurred if there were no satisfactory donors in the same profile as the report being edited. Records with imputation failures were either held until more records were available in the donor pool or referred to an analyst. In addition, when such a failure occurred in finding a donor for expenditure data, donor pool averages were provided in lieu of an individual donor, wherever possible. This “failover” utility was first introduced for the 2012 census imputation process, and significantly reduced the number of imputation failures among the expenditure and labor variables. During the early stages of editing, records requiring imputation for production (and hence yields) of field crops or hay, land values, or certain expenditure variables, were set aside or “parked.” These records were edited when the donor pools contained only 2017 records, ensuring that 2017 data were used in the

imputations for the variables.

After receiving a donor's data, the edit substituted the values into the edited record. In many cases, the donor record's data value was scaled using another data field specified in the edit logic. In such cases, the size of the auxiliary field's value in the edited record, relative to its value in the donor record, was used to appropriately scale the donor record's value for the field to be imputed. The imputed data were then validated by the same edit logic to which reported data were subject. Since imputation was conducted independently for each occurrence, reports requiring multiple imputations may have drawn from multiple donors.

Substantial changes were introduced to the Personal Characteristics section of the form in 2017. Information on an additional (fourth) producer was collected, and several new questions were added for each producer – specifically, whether or not the person was considered a “principal producer,” whether the person was a spouse of a principal producer, and whether the person was involved in any of five types of decisions with respect to the operation. These changes necessitated a new imputation process for records reporting three or more persons as producers. Records with one or two persons reported as producers had these data edited and imputed using the decision logic table edit and donor pool imputation process. Records with three or more persons reported as producers, and for which it was determined that these data were inconsistent or missing, had these data imputed using a fully conditional specification method. During the edit for records reporting three or more producers, the items needing imputation were marked, and the record was flagged. Periodically the data for these records (both the items needing to be imputed and the other variables needed by the model) were pulled and run through the imputation program. The resulting imputed values were loaded back to the records, and the records were made available for review. This process was conducted 19 times for the CML, and 6 times for the NML, during census production editing.

Data Analysis

The complex edit ensured the full internal consistency of the record. Successfully completing the edit did not provide insight as to whether the report was

reasonable compared to other reports in the county. Analysts were provided an additional set of tools, in the form of listings and graphs, to review record-level data across farms. These examinations revealed extreme outliers, large and small, or unique data distribution patterns that were possibly a result of reporting, recording, or handling errors. Potential problems were investigated and, when necessary, corrections were made and the record interactively edited again.

When NASS summarizes data from the census of agriculture, each individual report is typically assigned to a single “principal” county. The principal county is the county in which the majority of an operation’s agricultural products are produced, as reported by the producer. For large operations that have significant production in multiple counties, their reports may be broken up into multiple source counties to more accurately summarize the data. Similarly, for large farms operating in more than one State, separate report forms are completed by State in order to assign the proper portion of the farm’s total agricultural production to each State in which the farm operates.

ACCOUNTING FOR UNDERCOVERAGE, NONRESPONSE, AND MISCLASSIFICATION

Although much effort was expended making the CML as complete as possible, the CML did not include all U.S. farms, resulting in list undercoverage. Some farm producers who were on the CML did not respond to the census, despite numerous attempts to contact them. In addition, although each operation was classified as a farm or a nonfarm based on the responses to the census report form, some were misclassified; that is, some nonfarms were classified as farms and some farms were classified as nonfarms. NASS’s goal was to produce agricultural census totals for publication at the county level that were fully adjusted for list undercoverage, nonresponse, and misclassification.

In 2012 NASS used capture-recapture methodology to adjust for undercoverage, nonresponse, and misclassification. This same methodology was implemented for the 2017 Census of Agriculture. To implement capture-recapture methods, two independent surveys were required. The 2017 Census of Agriculture (based on the CML) and the 2017 JAS

(based on the area frame) were those two surveys. Historically, NASS has been careful to maintain the independence of these two surveys.

A second assumption was that the proportion of JAS farms with a given set of characteristics captured by the census was equal to the proportion of U.S. farms with those same characteristics captured by the census.

For a farm to be identified as a farm, and thus captured by the census, it must be on the CML, respond to the census report form and, based on the census response, be classified as a farm. Only those nonrespondents included in the nonresponse sample had an opportunity to be captured and had a probability π_s of being included in the sample; respondents prior to drawing the nonresponse sample had $\pi_s = 1$. Thus, the capture probability π_c is of interest:

$$\pi_c = \pi(\text{CML, Responded, Farm on Census} | \text{Farm}) \pi_s$$

Two types of classification error can occur. First, a farm can be misclassified as a nonfarm. This type of misclassification is accounted for in determining the probability of capture π_c . The second type of classification error results when a response to the census is classified as a farm operation when it does not meet the definition of a farm. That is, some farms on the CML may be misclassified from their census report response and may be nonfarms. To account for the misclassification of nonfarms as farms, the probability of a farm on the census being classified correctly must be estimated; that is,

$$\pi_{CCFC} = \pi(\text{Farm} | \text{Farm on Census})$$

where *CCFC* represents Correct Census Farm Classification. To adjust for undercoverage, nonresponse, and misclassification, each CML record classified as a farm based on its response to the census report form was given a weight of the ratio of the estimated probability of correct classification of a farm on the census and the estimated probability of capture ($\hat{\pi}_{CCFC} / \hat{\pi}_c$ where the hat symbol (^) denotes an estimate). To estimate the number of farms with a given set of characteristics, the weights of CML records responding as farms on the census and having that set of characteristics were summed. This

estimator is referred to as the capture-recapture estimator (*CR*):

$$CR = \sum_{i \in F} \frac{\hat{\pi}_{CCFC,i}}{\hat{\pi}_{C,i}}$$

where *F* is the set of all CML records classified as farms based on their responses to the census report form.

To estimate the capture and correct census farm classification probabilities, a matched dataset consisting of JAS records and census records was created. Records in the 2017 JAS sample were matched to the 2017 census using probabilistic record linkage. The CML records that matched with JAS tracts represent the Census Sample.

Note: The Census Sample is a subset of the CML records and includes only those records matching a JAS tract. Both agricultural and non-agricultural tracts were included in the matched dataset.

Resolving Farm Status

The farm status based on census responses to either the CML or NML census data collection and the JAS agreed in most cases; these records are referred to as having resolved farm status. However, in other cases, a record was identified as a farm (nonfarm) on the JAS and as a nonfarm (farm) by the census through either the CML or the NML. Such records are said to have conflicting or unresolved farm status. An operation identified as a farm is referred to as in-scope; an operation identified as a nonfarm is referred to as out-of-scope. From the set of matched records, two groups with conflicting farm status were identified: 1) in-scope JAS records that were out-of-scope on the census and 2) census in-scope and JAS out-of-scope records. The records with conflicting farm status were sent to NASS regional field offices for review. In each case, efforts were made to determine whether (1) the status had changed between June and December when the census was conducted, (2) the JAS farm status was correct, (3) the census farm status was correct, (4) the records were incorrectly matched, or (5) the farm status could not be resolved. Not all of the records with conflicting farm status could be resolved. In 2017, 8.1 percent of

the records in the Census Sample had unresolved farm status.

The probability an operation is a farm was estimated for the records with unresolved farm status. Using the 2017 matched dataset, a logistic model of the probability an operation is a farm based on the records with resolved farm status was developed; that is, the operations where the farm (or nonfarm) status agreed between the JAS and the census were used to develop a missing data model, which was then used to resolve farm status. The final missing data model was used to impute the probability that each of the agricultural operations with unresolved farm status is a farm. For the resolved farms and nonfarms, the probability of the operation being a farm was 1 and 0, respectively. Five-fold cross-validation was used to develop and to compare competing models. The accuracy of the model was thereby not overstated due to fitting and evaluating the model on the same set of data. To ensure that each of the cross-validation samples covered the U.S., the five cross-validation samples of JAS segments were drawn within State-stratum combinations. Characteristics of the JAS tracts were considered as potential covariates in the model. Because limited information is available for JAS nonfarm tracts, other covariates considered included county-level socio-demographic variables from the most recent U.S. population census, segment-level data from the Cropland Data Layer, the county-level rural-urban code, state-level response rates, an indicator for records that are thought to be out-of-business, and an indicator for records in the national nonresponse sample. The sample weight associated with each JAS tract was multiplied by the probability of being a farm. This adjusted weight was used in all subsequent modeling.

Capture Probabilities

Recall that, for a farm to be identified as a farm, and thus captured, by the census, it must be on the CML, respond to the census report form and, based on the census response, be classified as a farm. These adjustments are dependent. Further, those nonrespondents at the time the nonresponse sample was drawn had a known probability π_s of being included in the sample; respondents before the sample was drawn had $\pi_s = 1$. Therefore, the probability of capture π_c may be written as

$$\pi_c = \pi(\text{CML, Responded, Farm on Census}|\text{Farm}) \pi_s$$

$$= \pi(\text{CML}|\text{Farm})\pi(\text{Responded}|\text{CML, Farm})\pi(\text{Farm on Census}|\text{CML, Responded, Farm}) \pi_s$$

The probability of being included in the sample π_s is known for all responding farms. The other terms in the probability of capturing a farm depend on the characteristics of the farm. Using five-fold cross-validation, three logistic models were developed based on the matched dataset. The first model estimated the probability of a farm being on the CML. The second model estimated the probability that a farm on the CML responded to the census report form. The final model estimated the probability that a farm that was on the CML and responded to the census was identified as a farm based on its response. The probability that a farm is captured by the census of agriculture is then the product of the three conditional probabilities that a farm is on the CML, responds, and is identified as a farm.

Note 1: Responses were required for Must cases. These operations were only excluded in modeling the probability of a farm responding given that it was on the CML.

Note 2: Because Alaska is not included in the JAS and thus has no area frame, the Alaskan agricultural operations were not included in the capture-recapture process. No adjustments were made for undercoverage or misclassification. To account for nonresponse, the CML records were divided into three groups: (1) the Must records, (2) the Criteria Records, and (3) the remaining CML records. The must records received a weight of one, thereby receiving no adjustment for nonresponse. The probability of response for each of the other two groups was the proportion of responders within the group. Each record within the group was then given a weight equal to the reciprocal of the probability of response.

Misclassification

An operation is misclassified if: (1) it meets the definition of a farm, but is classified as a nonfarm on the census or (2) it does not meet the definition of a farm, but is classified as a farm on the census. The first type of misclassification is accounted for when modeling the probability of capture. An adjustment is

still needed for the misclassification of nonfarms as farms. As with farm status and capture, the probability of this misclassification depends on an operation's characteristics. Thus, a final logistic model was developed. Given that an operation was classified as a farm on the CML, the probability of its being a farm was modeled based on its characteristics. Five-fold cross-validation was used to ensure that the model was not over-fitted.

CALIBRATION

Each operation identified as being in-scope on the CML was given a weight equal to the probability of misclassification divided by the probability of capture. This weight accounted for undercoverage, nonresponse, both types of misclassification, and the nonresponse sample.

The record weighting processes were initially applied at the State level to produce adjusted estimates of farm numbers and land in farms for 63 different categories of 8 characteristics of the farm operation or the farm producer -- value of agricultural sales (9); age (2); female; race (3); Hispanic origin of principal farm producer; 4 sales categories for each of 10 major commodities (40); and farm type groups (7). The State-level number of farms and land in farms were two additional adjusted estimates, resulting in 65 categories. To reduce the intercensal variation at the State level, the State targets were smoothed by averaging the 2017 estimates from capture-recapture and the published 2012 State estimates with the restrictions that the smoothed targets were within two standard errors of the capture-recapture estimates. The smoothed State targets were rescaled so that they summed to the national capture-recapture estimates.

These State estimates were general purpose in that they did not provide any control over expected levels of commodity production of the individual farm operation. As a result of this limitation, the procedures could have over-adjusted or under-adjusted for commodity production. To address this, a second set of variables, known as commodity targets, was added to the calibration algorithm. These targets were commodity totals from administrative sources or from NASS surveys of nonfarm populations (e.g. USDA Farm Service Agency program data, Agricultural Marketing Service market orders, livestock slaughter data, cotton ginning data). The introduction of these

commodity coverage targets strengthened the overall adjustment procedure by ensuring that major commodity totals remained within reasonable bounds of established benchmarks.

Each State was calibrated separately. The calibration algorithm addressed commodity coverage. The algorithm was controlled by the 65 State farm operation coverage targets and the State commodity coverage targets. Because calibration targets are estimates subject to uncertainty, NASS allowed some tolerance in the determination of the adjusted weights. Rather than forcing the total for each calibration variable computed using the adjusted weights to equal a specific amount, NASS allowed the estimated total to fall within a tolerance range.

Tolerance ranges for the farm operation coverage targets were determined differently from the commodity targets. The tolerance range for the 65 State farm operation coverage targets was the estimated smoothed State total for the variable plus or minus one standard error of the capture-recapture estimate. This choice limited the cumulative deviation from the estimated total for a variable when State totals were summed to a U.S. total. Commodity coverage targets with acceptable ranges were established based on the administrative source for each State. Ranges were not necessarily symmetric around the target value.

To ensure that all subdomains for which NASS publishes summed to their grand total, integer weights were produced by a discrete calibration algorithm. This eliminated the need for rounding individual cell values and ensured that marginal totals always added correctly to the grand total. If a weight was initially not in the interval [1,6], it was trimmed so that it was in that interval. That is, adjusted weights less than 1 were set to 1, and those greater than 6 were set to 6. The remaining non-integer weights were then rounded sequentially to reduce the distance of the estimated totals from the targets.

Calibration adjustments began with the computation of a priority index for each record. The priority index was the absolute value of the gradient of the relative error associated with increasing or decreasing a record's weight by one. The record with the highest priority index was then selected as a candidate to increase or decrease its weight by one to reduce the

cumulative distance from the targets as measured by the relative error. If the new value produced an improvement and satisfied the range restrictions, the weight was updated and new priorities were assigned; otherwise, the record with the next highest priority index was processed. This process was iteratively performed until convergence was attained. Because census data collection was assumed to be complete for very large and unique farms, their weights were controlled to 1 during the calibration adjustment process. For all other farms, the final census record weights were forced to be an integer number in the interval [1, 6]. The calibration process considered all targets simultaneously through the priority index. Although calibration was seldom able to adjust weights so that all State targets were met, all targets were brought collectively as close to the targets as possible.

The proportions of selected census data items that were due to coverage, response, and classification adjustments are displayed in Tables A and C.

DISCLOSURE REVIEW

After tabulation and review of the aggregates, a comprehensive disclosure review was conducted. NASS is obligated to withhold, under Title 7, U.S. Code, any total that would reveal an individual's information or allow it to be closely estimated by the public. Farm counts are not considered sensitive and are not subject to disclosure controls. Cell suppression was used to protect the cells that were determined to be sensitive to a disclosure of information.

Based on agency standards, data cells were determined to be sensitive to a disclosure of information if they failed either of two rules. The threshold rule failed if the data cell contained less than three operations. For example, if only one farmer produced turkeys in a county, NASS could not publish the county total for turkey inventory without disclosing that individual's information. The dominance rule failed if the distribution of the data within the cell allowed a data user to estimate any respondent's data too closely. For example, if there are many farmers producing turkeys in a county and some of them were large enough to dominate the cell total, NASS could not publish the county total for turkey inventory without risking disclosing an individual respondent's data. In both of these

situations, the data were suppressed and a “(D)” was placed in the cell in the census publication table. These data cells are referred to as primary suppressions.

Since most items were summed to marginal totals, primary suppressions within these summation relationships were protected by ensuring that there were additional suppressions within the linear relationship that provided adequate protection for the primary. A detailed computer routine selected additional data cells for suppression to ensure all primary suppressions were properly protected. These data cells are referred to as complementary suppressions. These cells are not themselves sensitive to a disclosure of information but were suppressed to protect other primary suppressions. A “(D)” was also placed in the cell of the census publication table to indicate a complementary suppression. A data user cannot determine whether a cell with a (D) represents a primary or a complementary suppression.

Regional field office analysts reviewed all complementary suppressions to ensure no cells had been withheld that were vital to the data users. In instances where complementary suppressions were deemed critically important to a State or county, analysts requested an override and a different complementary cell was chosen.

CENSUS QUALITY

The purpose of the census of agriculture is to account for “any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year.” To accomplish this, NASS develops a CML that contains identifying information for operations that have an indication of meeting the census definition, develops procedures to collect agricultural information from those records, establishes criteria for analyst review of the data, creates computer routines to correct or complete the requested information, and provides census estimates of the characteristics of farms and farm producers with associated measures of uncertainty.

It is not likely that either the CML includes all operations that meet the definition of a farm or that all those that do meet the definition of a farm respond to the census inquiry. The goal is to publish data with a

high level of quality. The quality of a census may be measured in many ways. One of the first indicators used is a measure of the response to the census data collection as it has generally been thought that a high response rate indicates more complete coverage of the population of interest. This is a valid assumption if the enumeration list, the CML here, has complete coverage of the population of interest. In the case of the census of agriculture, the definition requiring advance knowledge of sales makes achieving a high level of coverage difficult. To ensure that the census of agriculture is as complete as possible, records are included that might not meet the census definition of a farm – in fact, almost 50 percent more records than the anticipated number of qualifying farm operations were included in the 2017 CML. A second indicator of quality then is the coverage of the farm population by the CML. Other indicators of quality relate to the accuracy and completeness of the data, and the validity of the procedures used in processing the data.

In some cases, NASS was able to produce measures of quality – such as the response rate to the data collection, the coverage of the census mail list, and the variability of the final adjusted estimates. In other cases, measures were not produced but descriptions of procedures that NASS used to reduce errors from the procedures were subsequently provided.

Census Response Rate

The response rate is one indicator of the quality of a data collection. It is generally assumed that if a response rate is close to a full participation level of 100 percent, the potential for nonresponse bias is small, although this has been questioned in the literature. The response rate for the 2017 Census of Agriculture CML was 71.8 percent, as compared with the 2012 Census of Agriculture’s response rate of 74.6 percent and 78.2 percent for the 2007 Census of Agriculture.

The 2017 Census of Agriculture’s response rate used the fourth response rate formula (RR4) from the American Association of Public Opinion Research’s Response Rate Standard Definitions manual:

$$RR4 = \frac{C_{adj}}{C_{adj} + R + NC + O + Replicated + e(U)} (100)$$

where

C_{adj} = number of fully and partially completed records, excluding replicated records

R = number of explicit refusals

NC = number of non-contacted operations known to be eligible

O = number of other types of nonrespondents

$Replicated$ = number of replicated records

U = number of operations of unknown eligibility

$e(U)$ = estimated number of operations of unknown eligibility assumed to be eligible

Records were classified into the above variables based on the combination of their active status (AS) codes, in-scope status, and replication status. Active status refers to the eligibility status of records for selection on the CML. All replicated records were considered to be a form of nonresponse and were classified into other nonrespondents; in-scope status was considered immaterial.

Certain active status classifications indicated records of unknown agricultural status. These classifications included records to be removed from the CML but had data from outside sources indicating agricultural activity, new records from outside data sources, nonrespondents and refusals to the NACS, records for regional office handling only, and records with Farm Service Agency or Conservation Reserve Program data on operations that are not owned by the principal producer. These records were stratified (grouped) based on their probabilities of being in-scope had they responded. The estimated number of in-scope nonrespondents was calculated for the h th stratum (group) by the following formula:

$$e(U_h) = \left(\frac{C_{in-scope,h}}{C_h} \right) U_h$$

where

$e(U_h)$ = estimated number of operations of unknown eligibility assumed to be eligible in the h th group

$C_{in-scope,h}$ = the number of completed and in-scope census records in the h th group

C_h = the number of completed census records in the h th group

U_h = number of operations of unknown eligibility in the h th group

Census Coverage

As a side-product of the statistical adjustment used to account for undercoverage, nonresponse of farms on the CML, and misclassification of responses to the census, the proportion of the adjustments due to each of those factors can be derived. The percentages of final census estimates due to adjustments for undercoverage, nonresponse, and misclassification as well as the total percent adjustment for selected items are displayed in Tables A and C.

MEASURED ERRORS IN THE CENSUS PROCESS

Although the census of agriculture does not inherently rely on a sample, NASS used a national nonresponse sample as part of its follow-up efforts in 2017. In addition to the uncertainty introduced by the nonresponse sample, NASS uses statistical procedures in compiling the CML, in its data collection procedures, in data editing and processing, and in compiling the final data. Additionally, it uses statistical procedures to both measure errors in the various processes and in making adjustments for those errors in the final data. One example is the statistical process used to account for undercoverage, nonresponse of farms on the CML, and misclassification of responses to the census. The basis of the undercoverage adjustment is the capture-recapture procedure that uses the area sample enumeration from the JAS. The largest contributors to error in the census estimates are due to the adjustments for nonresponse, undercoverage, misclassification, calibration, and integerization.

Variability in Census Estimates due to Statistical Adjustment

In conducting the 2017 Census of Agriculture, efforts were initiated to measure error associated with the adjustments for farm operations that were not on the CML, for farm operations that were on the CML but did not respond to the census report form, and for farms and nonfarms that were misclassified as nonfarms and farms, respectively, for calibration. These error measurements were developed from the standard error of the estimates at the national, State, and county levels and were expressed as coefficients of variation (CVs) at the national and State levels and

as generalized coefficients of variation (GCVs) at the county levels.

The standard error of an estimate is an estimate of the standard deviation of the sampling distribution of the estimator. Because Alaska was modeled separately from the other States, the variances of a national-level data item for this State was computed separately and added to the variance of that data item for the rest of the U.S. The standard error was then the square root of the total variance. In each case, standard errors were computed using an approach based on a combination of group jackknife and bootstrap methodologies. To conduct the jackknifing, $k = 10$ mutually exclusive and exhaustive groups of JAS segments were formed. The groups were selected using a stratified random design so that each group reflected the survey design, including State and agricultural strata within a State. The weight of record i in jackknife group j is $CR_i^{(j)}$ for $j = 1, 2, \dots, k$. Based on these weights, a group jackknife estimator to estimate the variance would account for the uncertainty associated with modeling the capture-recapture probabilities. To account for the additional uncertainty due to calibration, the weights within each jackknife group were transformed through bootstrap simulation; these transformed weights are called calibration-adjusted-jackknife weights. The full dataset, which is composed of the records of all responding farms on the CML, is calibrated as described in the Calibration section, and the final calibration-adjusted weight of record i is denoted by \hat{w}_i . For each record i in jackknife group k , the calibration-adjusted-jackknife weights of that record can be approximated as $w_i^{(j)} = a_i^{(j)} CR_i^{(j)}$ where $a_i^{(j)} \sim N(1, (\hat{w}_i - 1) / \hat{w}_i)$. The bootstrap process simulated the value of the adjustment $a_i^{(j)}$ for each record on the CML to obtain the calibration-adjusted-jackknife weights. For a given data item, such as the number of farms, the estimate $T^{(j)}$ was computed at the specified geographical level, such as nation, State, or county, using the $(k - 1)$ groups remaining after deleting the calibration-adjusted jackknife group j . Estimates of the variance and standard error associated with the estimator T_i are then, respectively,

$$\sigma_i^2 = \frac{k-1}{k} \sum_{j=1}^k \left(T_i^{(j)} - \sum_{l=1}^k \frac{T_i^{(l)}}{k} \right)^2; \quad SE(T_i) = \sqrt{\sigma_i^2}$$

Increasing k improves the estimate of the variance but, as k increases, the observations become too sparse to reflect the survey design and to provide countrywide coverage. Ten (10) calibration-adjusted jackknife groups were used to provide standard errors for 2017 State and national estimates. For the estimate of the number of farms with a given set of characteristics, only the CML records with those characteristics were used to obtain the overall estimate as well as the estimates from each calibration-adjusted jackknife group.

Note that the calibrated jackknife groups were only constructed once, and different subsets of the records were used to compute estimates and standard errors for the data items.

The CV is a measure of the relative amount of error associated with the sample estimate:

$$CV_i = \frac{SE(T_i)}{T_i} 100\%$$

where $SE(T_i)$ is the standard error of the capture-recapture estimate for data item i . This relative measure allows the reliability of a range of estimates to be compared. For example, the standard error is often larger for large population estimates than for small population estimates, but the large population estimates may have a smaller CV, indicating a more reliable estimate. For county-level estimates, a generalized coefficient of variation (GCV) was determined for each estimate within a State. A generalized variance function relates a function of the variance of an estimator to a function of the estimator. Within a State, the standard error of an estimate for a data item was often found to be linearly related to the estimate of that item with an intercept of zero. Based on this modeled relationship, the GCV is the slope of the line relating the standard error to the estimate, multiplied times 100 to represent the GCV as a percentage.

The standard error is the product of the CV (or GCV for county estimates) and the estimate divided by 100. As an example, if the GCV for a State is 25 percent and a county's estimate is 4, then the standard error is $25(4)/100 = 1$. The standard error of an estimated data item from the census provides a measure of the error variation in the value of that estimated data item based on the possible outcomes of the census collection,

including variants as to who was on the CML, who returned a census form, who was misclassified either as a farm or as a nonfarm, and the uncertainty associated with calibration and integerization. With 95 percent confidence, an estimate is within two standard errors of the true value being estimated. For this example, with 95 percent confidence, the estimate of 4 is within $2(1) = 2$ of the true county value.

Table B presents the fully adjusted estimates with the coefficient of variation for selected items.

NONMEASURED ERRORS IN THE CENSUS PROCESS

As noted in the previous section, sampling errors can be introduced from the coverage, nonresponse and misclassification adjustment procedures. This error is measureable. However, nonsampling errors are imbedded in the census process that cannot be directly measured as part of the design of the census but must be contained to ensure an accurate count. Extensive efforts were made to compile a complete and accurate mail list for the census, to elicit response to the census, to design an understandable report form with clear instructions, to minimize processing errors through the use of quality control measures, to reduce matching error associated with the capture-recapture estimation process, and to minimize error associated with identification of a respondent as a farm operation (referred to as classification error). The weight adjustment and tabulation processes recognize the presence of nonsampling errors; however, it is assumed that these errors are small and that, in total, the net effect is zero. In other words, the positive errors cancel the negative errors.

Respondent and Enumerator Error

Incorrect or incomplete responses to the census report form or to the questions posed by an enumerator can introduce error into the census data. Steps were taken in the design and execution of the census of agriculture to reduce errors from respondent reporting. Poor instructions and ambiguous definitions lead to misreporting. Respondents may not remember accurately, may estimate responses, or may record an item in the wrong cell. To reduce reporting and recording errors, the report form was tested prior to the census using industry accepted cognitive testing procedures. Detailed instructions for completing the

report form were provided to each respondent. Questions were phrased as clearly as possible based on previous tests of the report form. Computer-assisted telephone interviewing software included immediate integrity checks of recorded responses so suspect data could be verified or corrected. In addition, each respondent's answers were checked for completeness and consistency by the complex edit and imputation system.

Processing Error

Processing of each census report form was another potential source of nonsampling error. All mail returns that included multiple reports, respondent remarks, or that were marked out of business and report forms with no reported data were sent to an analyst for verification and appropriate action. Integrity checks were performed by the imaging system and data transfer functions. Standard quality control procedures were in place that required that randomly selected batches of data keyed from image be re-entered by a different operator to verify the work and evaluate key entry operators. All systems and programs were thoroughly tested before going on-line and were monitored throughout the processing period.

Developing accurate processing methods is complicated by the complex structure of agriculture. Among the complexities are the many places to be included, the variety of arrangements under which farms are operated, the continuing changes in the relationship of producers to the farm operated, the expiration of leases and the initiation or renewal of leases, the problem of obtaining a complete list of agriculture operations, the difficulty of contacting and identifying some types of contractor/contractee relationships, the producer's absence from the farm during the data collection period, and the producer's opinion that part or all of the operation does not qualify and should not be included in the census. During data collection and processing of the census, all operations underwent a number of quality control checks to ensure results were as accurate as possible.

Item Nonresponse

All item nonresponse actions provide another opportunity to introduce measurement errors. Regardless of whether it was previously reported data, administrative data, the nearest neighbor algorithm,

the fully conditional specification method, or manually imputed by an analyst, some risk exists that the imputed value does not equal the actual value. Previously reported and administrative data were used only when they related to the census reference period. A new nearest neighbor was randomly selected for each incident to eliminate the chance of a consistent bias.

Record Matching Error

The process of building and expanding the CML involves finding new list sources and checking for names not on the list. An automated processing system compared each new name to the existing CML names and “linked” like records for the purpose of preventing duplication. New names with strong links to a CML name were discarded and those with no links were added as potential farms. Names with weak links, possible matches, were reviewed by staff to determine whether the new name should be added. Despite this thorough review, some new names may have been erroneously added or deleted. Additions could contribute to duplication (overcoverage) whereas deletions could contribute to undercoverage. As a result, some names received more than one report form, and some farm producers did not receive a report form. Respondents were instructed to

complete one form and return all forms so the duplication could be removed.

Another chance for error came when comparing June Area Survey tract producer names to the CML. Area producers whose names were not found on the CML were part of the measure of list incompleteness, or NML. Mistakes in determining overlap status resulted in overcounts (including a tract whose producer was on the CML) or undercounts (excluding a tract whose producer was not on the CML). All tracts determined to not be on the list were triple checked to eliminate, or at least minimize, any error. NML tract producers were mailed a report form printed in a different color. In order to attempt to identify duplication, all respondents who received multiple report forms were instructed to complete the CML version and return all forms so duplication could be removed.

Records in the 2017 JAS were matched to the 2017 census using probabilistic record linkage. The records of operations with differing farm status were sent out to be reviewed by NASS regional field offices. If farm status could not be resolved, the probability of an operation being a farm was imputed using a missing data model. The uncertainty associated with this estimate, with the exception of model uncertainty, was accounted for, but errors not found through this process were not.

Table A. Summary of State Coverage, Nonresponse, and Misclassification Adjustments: 2017

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

Item	Total	Standard error	Adjustment as percent of total	Percent of total adjustment from coverage	Percent of total adjustment from nonresponse	Percent of total adjustment from misclassification
Farms number	47,641	2,276	38.2	16.4	13.3	8.5
Land in farms acres	9,764,090	371,324	21.7	5.8	11.3	4.7
Farms by size:						
1 to 9 acres farms	5,154	902	57.7	28.5	17.1	12.1
..... acres	23,780	4,250	57.5	27.0	16.7	13.7
10 to 49 acres farms	16,920	1,451	45.1	21.1	14.0	10.0
..... acres	439,602	36,224	43.5	19.9	13.1	10.5
50 to 69 acres farms	3,697	159	35.0	16.3	11.7	7.0
..... acres	215,779	9,065	34.9	16.1	11.7	7.0
70 to 99 acres farms	4,931	415	35.5	14.3	12.5	8.7
..... acres	401,015	33,284	35.3	14.2	12.4	8.6
100 to 139 acres farms	3,681	321	32.1	11.8	11.6	8.6
..... acres	427,531	38,648	32.0	11.8	11.6	8.6
140 to 179 acres farms	2,230	233	28.4	9.2	8.8	10.4
..... acres	350,242	36,621	28.5	9.1	9.0	10.4
180 to 219 acres farms	1,526	119	28.4	9.5	13.8	5.1
..... acres	301,459	23,883	28.5	9.5	13.9	5.1
220 to 259 acres farms	1,191	132	28.1	8.5	14.8	4.7
..... acres	283,954	31,216	28.0	8.6	14.7	4.7
260 to 499 acres farms	3,591	121	26.6	5.6	15.6	5.4
..... acres	1,289,424	47,502	26.8	5.5	15.7	5.6
500 to 999 acres farms	2,560	236	26.4	4.4	19.2	2.7
..... acres	1,787,990	149,744	26.4	4.3	19.4	2.7
1,000 to 1,999 acres farms	1,504	261	19.1	1.8	13.6	3.7
..... acres	2,029,547	266,969	18.2	1.9	12.5	3.8
2,000 acres or more farms	656	26	4.8	1.4	1.7	1.6
..... acres	2,213,767	69,859	4.8	1.5	1.3	2.1
Irrigated land use:						
Harvested cropland farms	4,914	514	31.1	12.9	13.1	5.1
..... acres	666,976	17,319	13.7	4.2	5.2	4.4
Pastureland and other land farms	316	(H)	51.5	13.7	25.8	12.0
..... acres	3,236	548	32.0	12.2	12.5	7.3
Market value of agricultural products sold (see text) \$1,000						
	8,220,935	264,720	13.9	2.9	8.2	2.8
Farms by value of sales:						
Less than \$1,000 (see text) farms	13,700	1,545	55.4	25.4	15.1	14.9
..... \$1,000	2,494	416	65.2	30.9	18.0	16.3
\$1,000 to \$2,499 farms	4,177	255	44.2	24.1	12.4	7.7
..... \$1,000	6,991	408	43.9	24.1	12.0	7.8
\$2,500 to \$4,999 farms	4,268	353	38.9	19.5	12.3	7.2
..... \$1,000	15,370	1,405	38.7	19.3	12.3	7.2
\$5,000 to \$9,999 farms	4,545	425	34.6	17.1	11.2	6.4
..... \$1,000	32,413	3,314	34.4	16.6	11.5	6.4
\$10,000 to \$19,999 farms	4,393	270	29.4	11.3	12.3	5.8
..... \$1,000	62,300	3,621	29.2	11.4	12.0	5.8
\$20,000 to \$24,999 farms	1,238	154	23.2	9.6	8.7	4.9
..... \$1,000	27,610	3,547	23.0	9.5	8.7	4.8
\$25,000 to \$39,999 farms	2,459	209	25.0	7.6	12.2	5.2
..... \$1,000	78,038	7,285	24.7	7.5	12.0	5.2
\$40,000 to \$49,999 farms	1,060	125	26.7	8.2	12.4	6.1
..... \$1,000	47,137	5,721	26.7	8.3	12.3	6.0
\$50,000 to \$99,999 farms	3,084	150	29.5	9.0	15.2	5.3
..... \$1,000	219,685	10,645	29.5	9.0	15.2	5.3
\$100,000 to \$249,999 farms	3,310	240	26.3	4.4	16.2	5.7
..... \$1,000	524,748	39,069	26.0	4.2	16.3	5.5
\$250,000 to \$499,999 farms	2,184	306	31.2	3.1	23.8	4.3
..... \$1,000	774,377	127,525	30.7	2.9	23.5	4.3
\$500,000 to \$999,999 farms	1,601	260	22.8	1.7	18.9	2.1
..... \$1,000	1,115,689	202,804	21.0	1.6	17.4	2.0
\$1,000,000 or more farms	1,622	49	12.9	3.2	6.8	2.9
..... \$1,000	5,314,085	85,083	7.5	2.7	2.4	2.5
Legal status for tax purposes (see text):						
Family or individual farms	40,523	2,107	39.3	17.3	13.2	8.8
..... acres	6,181,513	260,569	24.5	7.0	12.2	5.3
Partnership farms	3,246	247	29.8	8.3	15.7	5.8
..... acres	2,091,147	87,534	17.1	2.4	11.5	3.2
Corporation:						
Family held farms	2,540	275	32.4	11.8	14.1	6.5
..... acres	1,205,096	68,539	15.8	4.0	8.2	3.6
Other than family held farms	340	210	38.3	14.9	13.1	10.3
..... acres	110,465	26,487	19.3	6.5	6.0	6.8
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc farms	992	55	34.8	18.1	7.8	8.9
..... acres	175,869	17,202	20.8	11.5	3.2	6.1
Tenure:						
Full owners farms	32,208	1,683	41.7	19.4	12.6	9.8
..... acres	2,460,702	66,530	29.9	12.4	9.4	8.0
Part owners farms	13,383	481	29.1	8.8	15.0	5.4
..... acres	6,818,076	282,370	19.0	3.1	12.4	3.5
Tenants farms	2,050	391	41.1	14.9	20.1	6.1
..... acres	485,312	48,876	19.0	4.7	11.9	2.5
All principal producer characteristics by ¹:						
Sex of operator:						
Male farms	41,931	2,225	36.3	15.0	13.6	7.7
..... acres	9,384,764	372,569	21.1	5.3	11.4	4.4
Female farms	17,202	1,379	45.2	19.3	15.1	10.8
..... acres	2,284,224	277,083	26.6	6.8	13.6	6.1
Primary occupation:						
Farming farms	29,347	1,790	33.3	11.9	13.9	7.5
..... farms	34,280	3,036	43.0	18.1	15.5	9.5

See footnote(s) at end of table.

--continued

Table A. Summary of State Coverage, Nonresponse, and Misclassification Adjustments: 2017 (continued)

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

Item	Total	Standard error	Adjustment as percent of total	Percent of total adjustment from coverage	Percent of total adjustment from nonresponse	Percent of total adjustment from misclassification
All principal producer characteristics by 1- - Con.						
Hispanic, Latino, or Spanish origin (see text)	farms 721	316	52.4	23.3	20.0	9.0
	acres 71,514	17,482	36.9	13.1	17.2	6.5
Race:						
American Indian or Alaska Native	farms 255	84	50.6	21.0	19.5	10.1
	acres 34,306	3,685	24.0	10.7	7.6	5.6
Asian	farms 109	108	54.5	17.6	25.1	11.8
	acres 5,626	(H)	52.3	8.1	30.5	13.7
Black or African American	farms 221	133	56.7	14.5	29.0	13.3
	acres 13,761	9,197	26.6	6.9	12.0	7.7
Native Hawaiian or Other Pacific Islander	farms 8	(H)	50.0	39.7	2.1	8.2
	acres 691	(H)	53.0	41.5	2.6	8.9
White	farms 47,033	2,017	38.0	16.5	13.1	8.4
	acres 9,698,053	366,900	21.6	5.8	11.2	4.6
More than one race reported	farms 364	333	52.0	14.9	25.2	11.9
	acres 50,697	5,674	38.7	15.8	11.4	11.5
Military service (see text):						
Never served	producers 56,809	3,259	38.7	15.4	14.9	8.4
Served	producers 6,818	1,251	36.9	15.0	12.2	9.7
All producers by age group 1:						
Under 25 years	farms 1,488	418	52.0	15.7	25.4	10.8
25 to 34 years	farms 5,697	1,080	47.4	17.1	20.7	9.5
35 to 44 years	farms 9,612	1,269	44.8	19.3	19.4	6.1
45 to 54 years	farms 14,706	1,660	40.0	14.6	16.9	8.5
55 to 64 years	farms 23,131	929	36.6	16.7	11.9	8.1
65 to 74 years	farms 16,495	910	35.3	15.5	9.3	10.5
75 years and over	farms 8,275	373	32.4	12.7	9.2	10.5
Net cash farm income of operations (see text):						
Farms with gains of 2-						
Less than \$1,000	farms 1,520	150	34.9	17.5	9.7	7.8
	\$1,000 710	27	33.8	18.7	7.7	7.4
\$1,000 to \$4,999	farms 3,955	260	32.2	15.2	10.5	6.5
	\$1,000 10,943	658	32.1	15.2	10.4	6.5
\$5,000 to \$9,999	farms 2,764	137	28.0	11.6	10.5	5.8
	\$1,000 20,358	986	28.4	11.5	11.0	5.9
\$10,000 to \$24,999	farms 3,887	283	26.4	9.5	10.8	6.0
	\$1,000 63,903	4,187	26.7	9.7	10.9	6.1
\$25,000 to \$49,999	farms 2,581	158	26.9	7.3	13.7	6.0
	\$1,000 93,058	5,677	27.0	7.2	14.0	5.9
\$50,000 or more	farms 6,302	453	24.6	4.0	16.4	4.2
	\$1,000 1,817,720	88,606	16.8	3.0	10.8	3.1
Farms with losses of -						
Less than \$1,000	farms 1,964	396	41.8	18.4	14.1	9.3
	\$1,000 1,005	274	43.4	17.6	15.8	10.0
\$1,000 to \$4,999	farms 8,098	523	47.9	25.3	11.8	10.8
	\$1,000 23,803	1,560	48.5	26.1	11.4	11.0
\$5,000 to \$9,999	farms 6,171	978	48.9	22.1	15.7	11.1
	\$1,000 44,466	7,367	48.9	21.9	15.8	11.3
\$10,000 to \$24,999	farms 6,605	732	49.2	21.1	16.5	11.7
	\$1,000 102,772	10,738	48.8	20.9	16.2	11.7
\$25,000 to \$49,999	farms 2,046	305	41.8	15.7	16.3	9.9
	\$1,000 70,202	11,290	41.4	15.5	16.2	9.7
\$50,000 or more	farms 1,748	189	28.9	10.7	12.6	5.6
	\$1,000 267,785	18,276	21.7	7.5	9.8	4.4
Livestock and poultry:						
Cattle and calves inventory						
	farms 12,221	557	35.0	13.4	16.2	5.4
	number 1,201,383	146,206	13.4	2.0	9.6	1.8
Beef cows inventory						
	farms 7,445	378	34.1	13.7	14.7	5.7
	number 103,522	8,957	19.8	4.1	12.5	3.2
Milk cows inventory						
	farms 2,158	275	32.5	7.9	22.1	2.4
	number 442,032	17,154	6.7	1.3	4.6	0.8
Hog and pigs inventory						
	farms 2,017	392	42.5	19.3	16.7	6.6
	number 1,236,567	83,137	19.4	6.9	4.4	8.1
Layers inventory						
	farms 7,039	367	52.3	24.6	18.1	9.6
	number 15,074,549	473,977	0.8	0.3	(Z)	0.4
Broilers sold						
	farms 1,582	124	62.9	29.9	22.4	10.7
	number 8,868,690	6,624,681	11.1	6.0	2.1	3.0
Aquaculture sold						
	farms 57	12	17.5	8.5	4.6	4.5
	\$1,000 8,834	481	2.4	1.4	0.1	0.9
Selected crops harvested:						
Corn for grain						
	farms 11,195	634	26.2	6.2	15.1	4.9
	acres 2,168,204	103,540	19.0	2.7	12.5	3.7
Durum wheat for grain						
	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Other spring wheat for grain (see text)						
	farms 14	5	28.6	14.3	7.2	7.1
	acres 869	329	26.0	11.5	6.1	8.4
Winter wheat for grain						
	farms 4,962	181	22.8	5.1	13.4	4.4
	acres 486,142	19,278	15.9	2.5	10.5	3.0
Sorghum for grain						
	farms 27	(H)	-4.7	-3.1	-0.3	-1.4
	acres 1,888	303	5.1	2.9	0.3	1.9
Soybeans for beans						
	farms 11,988	483	26.0	6.9	14.2	4.9
	acres 2,487,343	210,312	20.8	3.1	13.8	3.9
Rice						
	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Cotton						
	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Peanuts						
	farms -	-	-	-	-	-
	acres -	-	-	-	-	-

See footnote(s) at end of table.

--continued

Table A. Summary of State Coverage, Nonresponse, and Misclassification Adjustments: 2017 (continued)

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

Item	Total	Standard error	Adjustment as percent of total	Percent of total adjustment from coverage	Percent of total adjustment from nonresponse	Percent of total adjustment from misclassification
Selected crops harvested: - Con.						
Barley .....farms	183	21	27.3	10.1	10.4	6.8
.....acres	5,740	573	17.7	4.6	9.3	3.8
Oats .....farms	1,167	58	31.4	11.3	13.6	6.5
.....acres	34,492	3,666	32.1	9.1	16.4	6.5
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text) .....farms	18,833	1,115	37.2	15.2	13.2	8.9
.....acres	1,009,570	48,367	24.9	6.8	13.2	4.8
Land in vegetables (see text) .....farms	3,047	268	34.8	16.8	13.4	4.6
.....acres	160,923	5,065	11.5	3.2	5.8	2.6
Potatoes .....farms	761	124	36.9	16.5	15.6	4.8
.....acres	50,511	1,133	2.6	1.1	0.3	1.2
Tomatoes in the open .....farms	1,216	165	37.6	18.5	14.4	4.7
.....acres	5,102	157	6.7	2.4	2.8	1.4
Sweet corn .....farms	835	164	33.2	12.9	16.1	4.2
.....acres	8,466	2,658	16.2	2.6	11.6	2.0
Lettuce .....farms	495	116	44.0	20.2	18.2	5.6
.....acres	1,027	45	6.2	2.2	2.8	1.2
Land in orchards (see text) .....farms	2,552	171	33.6	16.3	12.1	5.3
.....acres	98,220	6,190	10.0	2.8	5.4	1.8
Apples .....farms	1,551	100	32.3	16.8	10.6	4.9
.....acres	38,563	4,912	10.5	2.4	6.4	1.6
Grapes .....farms	791	159	32.8	16.7	11.2	4.9
.....acres	13,127	481	5.5	2.2	1.8	1.4
Oranges .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
Almonds .....farms	-	-	-	-	-	-
.....acres	-	-	-	-	-	-
Land in berries .....farms	1,566	117	32.5	14.8	12.6	5.1
.....acres	25,006	1,183	9.5	3.9	3.9	1.7

¹ Data were collected for a maximum of four producers per farm.

² Farms with total production expenses equal to market value of agricultural products sold, government payments, and farm-related income are included as farms with gains of less than \$1,000.

Table B. Reliability Estimates of State Totals: 2017

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

Item	Total	Coefficient of variation (percent)	Item	Total	Coefficient of variation (percent)
Farms number	47,641	4.8	All principal producer characteristics by ¹ - - Con.		
Land in farms .....acres	9,764,090	3.8	Hispanic, Latino, or Spanish origin (see text) farms	721	43.8
Farms by size:			..... acres	71,514	24.4
1 to 9 acres .....farms	5,154	17.5	Race:		
.....acres	23,780	17.9	American Indian or Alaska Native farms	255	32.8
10 to 49 acres .....farms	16,920	8.6	..... acres	34,306	10.7
.....acres	439,602	8.2	Asian farms	109	98.8
50 to 69 acres .....farms	3,697	4.3	..... acres	5,626	(H)
.....acres	215,779	4.2	Black or African American farms	221	60.0
70 to 99 acres .....farms	4,931	8.4	..... acres	13,761	66.8
.....acres	401,015	8.3	Native Hawaiian or Other Pacific Islander farms	8	(H)
100 to 139 acres .....farms	3,681	8.7	..... acres	691	(H)
.....acres	427,531	9.0	White farms	47,033	4.3
140 to 179 acres .....farms	2,230	10.4	..... acres	9,698,053	3.8
.....acres	350,242	10.5	More than one race reported farms	364	91.6
180 to 219 acres .....farms	1,526	7.8	..... acres	50,697	11.2
.....acres	301,459	7.9	Military service (see text):		
220 to 259 acres .....farms	1,191	11.1	Never served producers	56,809	5.7
.....acres	283,954	11.0	Served producers	6,818	18.4
260 to 499 acres .....farms	3,591	3.4	All producers by age group ¹ :		
.....acres	1,289,424	3.7	Under 25 years farms	1,488	28.1
500 to 999 acres .....farms	2,560	9.2	25 to 34 years farms	5,697	19.0
.....acres	1,787,990	8.4	35 to 44 years farms	9,612	13.2
1,000 to 1,999 acres .....farms	1,504	17.3	45 to 54 years farms	14,706	11.3
.....acres	2,029,547	13.2	55 to 64 years farms	23,131	4.0
2,000 acres or more .....farms	656	3.9	65 to 74 years farms	16,495	5.5
.....acres	2,213,767	3.2	75 years and over farms	8,275	4.5
Irrigated land use:			Net cash farm income of operations (see text):		
Harvested cropland .....farms	4,914	10.5	Farms with gains of ² -		
.....acres	666,976	2.6	Less than \$1,000 farms	1,520	9.9
Pastureland and other land .....farms	316	(H)	..... \$1,000	710	3.8
.....acres	3,236	16.9	\$1,000 to \$4,999 farms	3,955	6.6
Market value of agricultural products sold (see text) .....\$1,000	8,220,935	3.2	..... \$1,000	10,943	6.0
Farms by value of sales:			\$5,000 to \$9,999 farms	2,764	5.0
Less than \$1,000 (see text) .....farms	13,700	11.3	..... \$1,000	20,358	4.8
.....\$1,000	2,494	16.7	\$10,000 to \$24,999 farms	3,887	7.3
\$1,000 to \$2,499 .....farms	4,177	6.1	..... \$1,000	63,903	6.6
.....\$1,000	6,991	5.8	\$25,000 to \$49,999 farms	2,581	6.1
\$2,500 to \$4,999 .....farms	4,268	8.3	..... \$1,000	93,058	6.1
.....\$1,000	15,370	9.1	\$50,000 or more farms	6,302	7.2
\$5,000 to \$9,999 .....farms	4,545	9.4	..... \$1,000	1,817,720	4.9
.....\$1,000	32,413	10.2	Farms with losses of -		
\$10,000 to \$19,999 .....farms	4,393	6.2	Less than \$1,000 farms	1,964	20.1
.....\$1,000	62,300	5.8	..... \$1,000	1,005	27.3
\$20,000 to \$24,999 .....farms	1,238	12.4	\$1,000 to \$4,999 farms	8,098	6.5
.....\$1,000	27,610	12.8	..... \$1,000	23,803	6.6
\$25,000 to \$39,999 .....farms	2,459	8.5	\$5,000 to \$9,999 farms	6,171	15.8
.....\$1,000	78,038	9.3	..... \$1,000	44,466	16.6
\$40,000 to \$49,999 .....farms	1,060	11.8	\$10,000 to \$24,999 farms	6,605	11.1
.....\$1,000	47,137	12.1	..... \$1,000	102,772	10.4
\$50,000 to \$99,999 .....farms	3,084	4.9	\$25,000 to \$49,999 farms	2,046	14.9
.....\$1,000	219,685	4.8	..... \$1,000	70,202	16.1
\$100,000 to \$249,999 .....farms	3,310	7.2	\$50,000 or more farms	1,748	10.8
.....\$1,000	524,748	7.4	..... \$1,000	267,785	6.8
\$250,000 to \$499,999 .....farms	2,184	14.0	Livestock and poultry:		
.....\$1,000	774,377	16.5	Cattle and calves inventory farms	12,221	4.6
\$500,000 to \$999,999 .....farms	1,601	16.2	..... number	1,201,383	12.2
.....\$1,000	1,115,689	18.2	Beef cows inventory farms	7,445	5.1
\$1,000,000 or more .....farms	1,622	3.0	..... number	103,522	8.7
.....\$1,000	5,314,085	1.6	Milk cows inventory farms	2,158	12.8
Legal status for tax purposes (see text):			..... number	442,032	3.9
Family or individual .....farms	40,523	5.2	Hog and pigs inventory farms	2,017	19.5
.....acres	6,181,513	4.2	..... number	1,236,567	6.7
Partnership .....farms	3,246	7.6	Layers inventory farms	7,039	5.2
.....acres	2,091,147	4.2	..... number	15,074,549	3.1
Corporation:			Broilers sold farms	1,582	7.9
Family held .....farms	2,540	10.8	..... number	8,868,690	74.7
.....acres	1,205,096	5.7	Aquaculture sold farms	57	20.6
Other than family held .....farms	340	61.6	..... \$1,000	8,834	5.5
.....acres	110,465	24.0	Selected crops harvested:		
Other - estate or trust, prison farm, grazing association, American Indian Reservation, etc .....farms	992	5.6	Corn for grain farms	11,195	5.7
.....acres	175,869	9.8	..... acres	2,168,204	4.8
Tenure:			..... farms	-	-
Full owners .....farms	32,208	5.2	..... acres	-	-
.....acres	2,460,702	2.7	Other spring wheat for grain (see text) farms	14	36.2
Part owners .....farms	13,383	3.6	..... acres	869	37.9
.....acres	6,818,076	4.1	Winter wheat for grain farms	4,962	3.6
Tenants .....farms	2,050	19.1	..... acres	486,142	4.0
.....acres	485,312	10.1	Sorghum for grain farms	27	(H)
All principal producer characteristics by ¹-			..... acres	1,888	16.0
Sex of operator:			Soybeans for beans farms	11,988	4.0
Male .....farms	41,931	5.3	..... acres	2,487,343	8.5
.....acres	9,384,764	4.0	Rice farms	-	-
Female .....farms	17,202	8.0	..... acres	-	-
.....acres	2,284,224	12.1	Cotton farms	-	-
Primary occupation:			..... acres	-	-
Farming .....farms	29,347	6.1			
Other .....farms	34,280	8.9			

See footnote(s) at end of table.

--continued

Table B. Reliability Estimates of State Totals: 2017 (continued)

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

Item	Total	Coefficient of variation (percent)	Item	Total	Coefficient of variation (percent)
Selected crops harvested: - Con.			Selected crops harvested: - Con.		
Peanuts farms	-	-	Land in vegetables (see text) - Con.		
..... acres	-	-	Sweet corn farms	835	19.7
Barley farms	183	11.7	..... acres	8,466	31.4
..... acres	5,740	10.0	Lettuce farms	495	23.4
Oats farms	1,167	5.0	..... acres	1,027	4.3
..... acres	34,492	10.6	Land in orchards (see text) farms	2,552	6.7
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text) farms	18,833	5.9	..... acres	98,220	6.3
..... acres	1,009,570	4.8	Apples farms	1,551	6.4
Land in vegetables (see text) farms	3,047	8.8	..... acres	38,563	12.7
..... acres	160,923	3.1	Grapes farms	791	20.1
Potatoes farms	761	16.2	..... acres	13,127	3.7
..... acres	50,511	2.2	Oranges farms	-	-
Tomatoes in the open farms	1,216	13.6	..... acres	-	-
..... acres	5,102	3.1	Almonds farms	-	-
			..... acres	-	-
			Land in berries farms	1,566	7.4
			..... acres	25,006	4.7

¹ Data were collected for a maximum of four producers per farm.

² Farms with total production expenses equal to market value of agricultural products sold, government payments, and farm-related income are included as farms with gains of less than \$1,000.

Table C. Summary of Coverage, Nonresponse, and Misclassification Adjustments by County: 2017

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

Geographic area	Total (number)	Standard error	Adjustment as percent of total	Percent of total adjustment from coverage	Percent of total adjustment from nonresponse	Percent of total adjustment from misclassification
ALL FARMS (NUMBER)						
State Total						
Michigan	47,641	2,276	38.2	16.4	13.3	8.5
Counties						
Alcona.....	223	21	44.0	25.9	8.0	10.1
Alger.....	126	29	45.0	25.7	9.3	10.1
Allegan.....	1,172	190	36.8	17.9	11.2	7.7
Alpena.....	415	105	43.0	18.7	16.0	8.2
Antrim.....	333	58	36.8	19.8	9.0	7.9
Arenac.....	350	67	29.9	12.6	8.6	8.6
Baraga.....	65	17	40.0	27.2	5.6	7.2
Barry.....	938	96	38.5	20.7	8.6	9.1
Bay.....	726	124	32.7	9.3	16.0	7.5
Benzie.....	197	35	42.3	29.0	4.9	8.5
Berrien.....	872	131	35.4	16.3	12.0	7.1
Branch.....	789	211	35.1	12.2	16.1	6.8
Calhoun.....	958	237	38.4	16.8	13.5	8.2
Cass.....	747	199	41.3	18.1	13.7	9.5
Charlevoix.....	271	99	39.0	16.2	14.9	7.9
Cheboygan.....	330	183	47.3	14.1	21.7	11.5
Chippewa.....	427	200	40.7	15.6	14.8	10.3
Clare.....	396	213	38.2	15.2	13.6	9.4
Clinton.....	1,017	166	33.0	15.8	9.1	8.2
Crawford.....	45	34	60.0	26.8	18.5	14.7
Delta.....	253	32	44.4	24.8	6.9	12.7
Dickinson.....	158	24	42.6	24.9	8.0	9.7
Eaton.....	962	111	34.3	17.8	8.7	7.8
Emmet.....	324	83	43.3	21.4	13.3	8.6
Genesee.....	820	145	41.2	23.0	9.2	9.0
Gladwin.....	459	72	37.9	20.6	8.7	8.6
Gogebic.....	54	8	40.3	25.1	6.0	9.2
Grand Traverse.....	497	51	35.9	20.1	8.4	7.4
Gratiot.....	812	269	32.8	6.8	18.5	7.6
Hillsdale.....	1,205	200	33.2	12.5	12.2	8.4
Houghton.....	208	137	47.7	13.3	17.2	17.2
Huron.....	1,153	118	27.1	8.1	13.7	5.4
Ingham.....	912	512	44.8	17.6	16.8	10.4
Ionia.....	954	173	34.4	16.3	11.2	6.9
Iosco.....	244	148	37.3	20.9	3.3	13.1
Iron.....	133	29	43.0	27.6	3.4	12.0
Isabella.....	959	265	38.6	9.8	21.3	7.6
Jackson.....	923	115	43.1	22.0	9.5	11.6
Kalamazoo.....	707	183	40.1	18.8	11.1	10.1
Kalkaska.....	225	25	45.8	25.7	7.7	12.5
Kent.....	1,010	154	39.5	17.5	13.7	8.2
Keweenaw.....	9	(H)	77.8	49.4	8.2	20.2
Lake.....	168	35	42.2	25.6	5.6	11.0
Lapeer.....	1,013	226	40.9	14.9	17.2	8.8
Leelanau.....	470	246	35.3	15.1	13.7	6.5
Lenawee.....	1,361	145	31.3	14.3	10.2	6.8
Livingston.....	724	236	46.5	23.6	13.5	9.4
Luce.....	71	25	56.3	36.7	5.2	14.4
Mackinac.....	101	36	43.2	25.4	8.8	9.0
Macomb.....	404	259	42.2	13.5	20.4	8.3
Manistee.....	274	65	43.9	23.0	10.3	10.7
Marquette.....	179	34	43.4	22.7	11.8	8.9
Mason.....	472	70	42.1	17.8	13.9	10.4
Mecosta.....	694	93	38.9	20.3	10.3	8.2
Menominee.....	353	60	36.9	17.6	10.0	9.3
Midland.....	530	79	37.3	20.1	8.9	8.4
Missaukee.....	406	96	43.7	16.6	18.1	9.1
Monroe.....	1,085	101	36.7	18.1	10.6	8.0
Montcalm.....	962	180	40.9	19.5	12.6	8.9
Montmorency.....	178	48	49.0	25.3	13.1	10.6
Muskegon.....	476	128	41.9	17.2	15.2	9.5
Newaygo.....	850	131	40.5	21.5	10.8	8.3
Oakland.....	514	105	50.8	26.0	15.1	9.7
Oceana.....	545	137	41.9	15.7	14.6	11.7
Ogemaw.....	294	65	38.5	13.5	18.7	6.3
Ontonagon.....	114	20	39.5	20.5	8.7	10.3
Osceola.....	625	116	39.6	15.2	12.7	11.7
Oscoda.....	144	88	48.0	19.7	20.5	7.8
Otsego.....	193	43	40.8	16.9	16.7	7.1
Ottawa.....	1,130	184	32.4	13.5	13.1	5.8
Presque Isle.....	322	122	41.6	14.3	18.1	9.2
Roscommon.....	48	19	50.0	27.4	12.0	10.7
Saginaw.....	1,250	109	31.3	10.3	14.8	6.2
St. Clair.....	1,077	114	43.1	19.7	14.9	8.5
St. Joseph.....	896	135	38.9	20.7	10.4	7.8
Sanilac.....	1,315	255	31.2	10.3	15.6	5.3
Schoolcraft.....	62	11	43.5	27.1	3.4	13.1
Shiawassee.....	972	329	36.7	14.0	11.5	11.3
Tuscola.....	1,241	180	34.0	13.2	13.7	7.0
Van Buren.....	953	215	38.5	14.5	16.0	8.0
Washtenaw.....	1,245	226	42.1	18.6	14.2	9.2
Wayne.....	248	56	44.8	31.7	6.1	7.0
Wexford.....	304	53	42.3	19.9	13.1	9.3

--continued

Table C. Summary of Coverage, Nonresponse, and Misclassification Adjustments by County: 2017 (continued)

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

Geographic area	Total (number)	Standard error	Adjustment as percent of total	Percent of total adjustment from coverage	Percent of total adjustment from nonresponse	Percent of total adjustment from misclassification
LAND IN FARMS (ACRES)						
State Total						
Michigan.....	9,764,090	371,324	21.7	5.8	11.3	4.7
Counties						
Alcona.....	36,431	11,071	29.6	11.3	12.8	5.5
Alger.....	20,961	3,865	27.6	15.5	3.3	8.8
Allegan.....	229,743	17,391	19.9	6.4	8.6	4.9
Alpena.....	65,388	7,387	29.3	13.8	8.4	7.1
Antrim.....	55,565	7,842	18.6	8.4	5.9	4.3
Arenac.....	87,174	11,483	24.6	8.1	10.1	6.3
Baraga.....	17,604	3,870	31.6	18.3	7.0	6.4
Barry.....	154,624	10,730	19.9	8.2	6.9	4.8
Bay.....	209,848	52,638	16.5	1.9	11.8	2.8
Benzie.....	18,516	2,559	21.3	13.8	2.7	4.8
Berrien.....	144,583	18,305	20.5	4.2	12.6	3.7
Branch.....	239,418	24,003	16.4	4.2	8.8	3.4
Calhoun.....	213,946	41,542	21.8	6.3	11.1	4.5
Cass.....	198,515	20,281	19.5	5.8	7.7	6.0
Charlevoix.....	29,940	5,636	26.7	12.0	7.6	7.1
Cheboygan.....	44,024	8,610	29.7	12.6	9.2	7.9
Chippewa.....	89,066	11,104	24.3	10.0	7.2	7.2
Clare.....	54,609	5,447	25.4	10.3	9.3	5.8
Clinton.....	229,763	28,714	13.4	4.7	5.0	3.7
Crawford.....	2,941	1,620	55.3	24.0	9.9	21.4
Delta.....	58,764	4,944	23.5	11.9	3.8	7.8
Dickinson.....	22,043	3,663	30.9	16.7	4.4	9.7
Eaton.....	210,120	18,358	23.0	8.2	9.1	5.7
Emmet.....	39,256	2,759	32.7	18.2	5.2	9.3
Genesee.....	123,920	13,174	24.0	8.6	10.1	5.3
Gladwin.....	58,586	12,762	27.8	12.1	9.5	6.1
Gogebic.....	5,535	790	24.7	14.9	3.2	6.5
Grand Traverse.....	50,886	4,372	25.4	10.8	8.9	5.7
Gratiot.....	296,702	38,154	15.8	2.6	10.0	3.2
Hillsdale.....	254,245	25,063	19.7	6.9	7.2	5.6
Houghton.....	26,016	22,604	36.0	6.5	14.6	15.0
Huron.....	495,258	54,668	19.2	1.9	14.6	2.8
Ingham.....	178,200	20,098	20.9	6.4	8.7	5.8
Ionia.....	233,990	46,550	16.5	3.5	9.9	3.1
Iosco.....	33,828	23,142	22.2	10.8	2.5	9.0
Iron.....	23,450	4,818	32.7	19.7	4.4	8.6
Isabella.....	211,752	23,239	24.3	5.2	13.4	5.6
Jackson.....	160,412	14,247	20.0	6.6	7.7	5.8
Kalamazoo.....	138,569	20,217	22.6	9.5	7.3	5.8
Kalkaska.....	27,137	7,445	37.9	16.3	12.8	8.8
Kent.....	157,466	14,561	22.6	5.1	13.3	4.3
Keweenaw.....	240	(H)	75.0	44.5	6.9	23.6
Lake.....	21,630	4,457	29.4	16.6	3.9	8.9
Lapeer.....	165,464	22,113	22.7	5.3	12.3	5.1
Leelanau.....	50,053	4,724	27.6	9.6	12.7	5.4
Lenawee.....	385,784	47,679	24.5	4.4	16.1	4.0
Livingston.....	89,370	18,564	24.7	6.7	13.3	4.7
Luce.....	9,895	2,085	28.2	15.7	2.5	10.0
Mackinac.....	25,046	3,562	19.0	10.8	2.9	5.3
Macomb.....	73,660	(H)	36.8	1.3	28.3	7.1
Manistee.....	41,371	8,653	30.3	12.1	11.0	7.2
Marquette.....	30,250	9,234	32.0	10.7	16.6	4.7
Mason.....	85,429	12,450	27.6	9.3	12.5	5.8
Mecosta.....	115,118	17,129	21.4	9.0	7.2	5.2
Menominee.....	79,621	9,032	20.3	7.6	8.0	4.8
Midland.....	87,688	7,442	23.8	10.7	7.4	5.6
Missaukee.....	113,624	13,895	19.4	6.9	7.4	5.1
Monroe.....	209,838	24,300	19.1	4.9	10.5	3.8
Montcalm.....	230,362	18,694	18.8	6.5	7.2	5.1
Montmorency.....	26,099	7,578	38.5	21.7	7.9	8.9
Muskegon.....	63,182	6,789	18.4	5.3	8.4	4.6
Newaygo.....	136,232	17,520	24.6	8.7	10.3	5.6
Oakland.....	28,856	6,741	29.6	4.5	21.6	3.4
Oceana.....	127,077	16,771	23.5	6.6	11.0	5.9
Ogemaw.....	70,099	18,549	23.6	3.7	16.8	3.0
Ontonagon.....	27,106	4,319	28.5	14.5	5.0	9.0
Osceola.....	103,633	10,606	23.3	8.9	8.3	6.1
Oscoda.....	16,177	4,491	38.9	23.0	5.9	10.0
Otsego.....	33,273	7,502	21.8	7.0	10.1	4.7
Ottawa.....	171,883	12,260	15.6	4.0	8.8	2.9
Presque Isle.....	64,490	20,764	24.0	7.8	10.0	6.2
Roscommon.....	5,757	2,065	32.9	10.8	12.6	9.5
Saginaw.....	327,025	20,659	27.0	6.2	15.4	5.4
St. Clair.....	182,185	51,002	28.5	4.9	19.6	4.1
St. Joseph.....	244,952	63,865	23.6	4.8	15.2	3.7
Sanilac.....	436,511	163,492	18.3	2.1	13.3	2.9
Schoolcraft.....	15,034	3,640	36.6	19.8	3.3	13.5
Shiawassee.....	210,473	17,225	16.9	5.5	6.7	4.7
Tuscola.....	329,785	25,423	21.6	4.7	13.2	3.7
Van Buren.....	151,784	9,366	15.7	4.5	7.3	3.9
Washtenaw.....	178,995	28,252	24.6	6.9	12.8	4.9
Wayne.....	10,037	2,034	25.0	14.4	4.8	5.7
Wexford.....	40,208	7,431	27.0	8.8	12.5	5.7

--continued

Table C. Summary of Coverage, Nonresponse, and Misclassification Adjustments by County: 2017 (continued)

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

Geographic area	Total (number)	Standard error	Adjustment as percent of total	Percent of total adjustment from coverage	Percent of total adjustment from nonresponse	Percent of total adjustment from misclassification
SALES (\$1,000)						
State Total						
Michigan	8,220,935	264,720	13.9	2.9	8.2	2.8
Counties						
Alcona.....	11,494	5,044	23.6	4.3	16.0	3.3
Alger.....	4,225	787	33.0	12.8	9.3	10.9
Allegan.....	584,373	17,733	7.9	2.7	2.1	3.1
Alpena.....	25,896	8,501	30.4	12.8	12.1	5.5
Antrim.....	35,472	7,431	19.0	4.9	10.9	3.1
Arenac.....	43,001	6,410	23.1	5.0	14.0	4.1
Baraga.....	2,210	800	45.7	23.1	12.7	9.9
Barry.....	139,682	5,945	11.1	2.8	6.1	2.2
Bay.....	116,537	35,763	11.8	1.2	8.7	1.9
Benzie.....	10,027	1,113	9.0	5.8	1.1	2.1
Berrien.....	171,350	32,430	12.6	2.1	8.6	1.8
Branch.....	162,296	10,054	20.0	3.8	12.6	3.6
Calhoun.....	113,869	15,746	14.9	3.7	7.8	3.4
Cass.....	153,388	10,250	14.5	4.7	4.2	5.6
Charlevoix.....	8,415	812	14.0	6.5	3.1	4.4
Cheboygan.....	7,146	478	17.0	8.1	4.3	4.6
Chippewa.....	10,675	1,635	17.1	6.8	6.3	3.9
Clare.....	22,059	3,400	19.2	2.9	13.4	3.0
Clinton.....	224,284	25,891	7.5	1.8	4.3	1.4
Crawford.....	215	138	47.6	18.1	20.3	9.2
Delta.....	10,800	724	22.0	6.8	8.0	7.2
Dickinson.....	4,372	485	8.7	4.3	2.6	1.8
Eaton.....	83,305	6,135	22.5	6.3	11.0	5.2
Emmet.....	8,714	2,429	23.9	11.5	5.9	6.4
Genesee.....	70,413	8,038	18.0	4.4	11.0	2.7
Gladwin.....	15,759	2,810	22.7	6.4	12.8	3.5
Goebic.....	747	229	30.2	15.0	10.4	4.7
Grand Traverse.....	34,099	3,403	15.3	5.2	6.7	3.4
Gratiot.....	281,445	26,248	9.3	2.1	5.2	2.1
Hillsdale.....	165,110	17,703	16.2	5.1	6.2	4.9
Houghton.....	6,307	(H)	53.5	4.6	45.3	3.5
Huron.....	610,778	33,463	13.6	1.8	9.8	2.0
Ingham.....	113,798	9,828	19.7	6.0	8.3	5.4
Ionia.....	382,945	53,763	9.0	1.7	4.9	2.5
Iosco.....	14,892	1,107	11.3	6.2	2.2	2.9
Iron.....	3,665	2,111	41.9	15.2	17.1	9.7
Isabella.....	116,848	9,142	19.0	3.5	10.9	4.6
Jackson.....	70,807	7,391	18.9	4.7	9.9	4.3
Kalamazoo.....	236,922	10,911	13.5	6.9	2.6	4.1
Kalamaska.....	8,325	497	10.1	4.2	2.9	3.0
Kent.....	262,815	14,416	8.6	1.6	5.4	1.6
Keweenaw.....	2	(H)	83.3	59.4	10.9	13.0
Lake.....	3,247	237	10.6	6.1	1.3	3.1
Lapeer.....	86,954	7,283	18.7	3.4	12.1	3.2
Leelanau.....	42,442	5,752	31.4	7.6	18.6	5.3
Lenawee.....	259,884	24,282	21.2	4.2	13.8	3.2
Livingston.....	48,482	15,089	13.7	2.9	8.9	1.9
Luce.....	3,771	280	8.7	4.4	0.8	3.5
Mackinac.....	7,140	2,529	25.7	10.5	6.6	8.6
Macomb.....	78,824	(H)	19.6	1.1	14.7	3.8
Manistee.....	10,325	4,319	37.8	6.5	26.9	4.4
Marquette.....	3,676	3,447	51.4	7.0	40.9	3.5
Mason.....	56,686	8,442	16.6	5.6	7.7	3.3
Mecosta.....	180,065	6,013	3.5	0.8	1.2	1.5
Menominee.....	37,598	2,719	7.3	1.8	4.3	1.1
Midland.....	46,896	4,490	15.2	5.1	5.9	4.3
Missaukee.....	148,708	29,316	14.1	2.1	10.0	2.0
Monroe.....	174,504	12,857	10.7	3.3	5.1	2.3
Montcalm.....	180,469	8,439	8.8	2.7	3.3	2.9
Montmorency.....	9,169	2,444	27.4	12.9	7.6	6.9
Muskegon.....	74,677	8,780	10.3	3.7	4.3	2.4
Newaygo.....	128,314	4,087	10.4	4.2	3.3	2.9
Oakland.....	22,329	6,983	29.9	2.9	23.9	3.1
Oceana.....	124,691	9,845	11.2	2.8	4.8	3.6
Ogemaw.....	49,812	13,365	16.9	1.0	14.5	1.3
Ontonagon.....	3,096	964	31.1	19.1	4.0	8.1
Osceola.....	43,531	7,543	11.5	2.0	8.3	1.2
Oscoda.....	5,566	1,212	29.2	12.5	11.1	5.6
Otsego.....	6,235	768	13.4	4.3	5.9	3.2
Ottawa.....	506,662	32,482	8.0	2.3	4.2	1.5
Presque Isle.....	18,889	3,550	7.5	1.9	4.0	1.6
Roscommon.....	782	388	29.8	7.7	13.5	8.7
Saginaw.....	170,258	12,337	27.2	5.3	16.5	5.4
St. Clair.....	80,888	23,572	25.4	2.7	19.6	3.1
St. Joseph.....	230,675	36,591	18.7	5.0	10.1	3.6
Sanilac.....	357,672	184,189	19.1	1.3	15.6	2.2
Schoolcraft.....	2,109	324	17.8	7.6	1.1	9.2
Shiawassee.....	97,476	4,593	13.3	4.3	5.0	4.0
Tuscola.....	230,955	19,936	23.1	4.6	14.8	3.7
Van Buren.....	205,549	12,735	8.3	2.6	3.6	2.0
Washtenaw.....	91,167	12,894	20.1	4.5	11.7	3.8
Wayne.....	23,132	1,130	8.0	4.4	1.6	2.0
Wexford.....	18,149	2,209	18.9	8.9	5.2	4.9

Table D. American Indian or Alaska Native Producers: 2017

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

Geographic area	American Indian or Alaska Native farm producers			Geographic area	American Indian or Alaska Native farm producers		
	Total	Individually reported ¹	Other ²		Total	Individually reported ¹	Other ²
State Total				Counties - Con.			
Michigan.....	777	777	-	Kalamazoo	24	24	-
Counties				Kalkaska	8	8	-
Alcona	1	1	-	Kent.....	25	25	-
Alger.....	9	9	-	Lake	2	2	-
Allegan.....	18	18	-	Lapeer.....	18	18	-
Alpena.....	1	1	-	Leelanau.....	5	5	-
Antrim.....	2	2	-	Lenawee.....	10	10	-
Arenac.....	14	14	-	Livingston.....	3	3	-
Baraga.....	2	2	-	Luce.....	13	13	-
Barry.....	5	5	-	Mackinac.....	7	7	-
Bay.....	5	5	-	Macomb.....	2	2	-
Benzie.....	4	4	-	Manistee.....	5	5	-
Berrien.....	7	7	-	Mason.....	6	6	-
Branch.....	9	9	-	Mecosta.....	9	9	-
Calhoun.....	22	22	-	Menominee.....	14	14	-
Cass.....	24	24	-	Midland.....	2	2	-
Charlevoix.....	4	4	-	Missaukee.....	1	1	-
Cheboygan.....	19	19	-	Monroe.....	16	16	-
Chippewa.....	36	36	-	Montcalm.....	13	13	-
Clare.....	4	4	-	Montmorency.....	2	2	-
Clinton.....	23	23	-	Muskegon.....	6	6	-
Crawford.....	12	12	-	Newaygo.....	11	11	-
Delta.....	13	13	-	Oakland.....	7	7	-
Eaton.....	16	16	-	Ogemaw.....	2	2	-
Emmet.....	16	16	-	Ontonagon.....	5	5	-
Genesee.....	11	11	-	Osceola.....	9	9	-
Gladwin.....	1	1	-	Ottawa.....	15	15	-
Gogebic.....	3	3	-	Roscommon.....	8	8	-
Grand Traverse.....	11	11	-	Saginaw.....	12	12	-
Gratiot.....	4	4	-	St. Clair.....	10	10	-
Hillsdale.....	25	25	-	St. Joseph.....	2	2	-
Houghton.....	4	4	-	Sanilac.....	19	19	-
Huron.....	7	7	-	Schoolcraft.....	5	5	-
Ingham.....	17	17	-	Shiawassee.....	16	16	-
Ionia.....	6	6	-	Tuscola.....	13	13	-
Iosco.....	3	3	-	Van Buren.....	8	8	-
Isabella.....	18	18	-	Washtenaw.....	27	27	-
Jackson.....	12	12	-	Wayne.....	20	20	-
				Wexford.....	9	9	-

¹ Data were collected for a maximum of four producers per farm.

² Data represent American Indian or Alaska Native farm or ranch producers on reservations who did not report individually. Data obtained by reservation officials.

Appendix B.

General Explanation and Census of Agriculture Report Form

DEVELOPMENT OF THE CENSUS REPORT FORMS

Before the release of the 2012 Census of Agriculture's results, NASS had already begun preparations for the 2017 Census of Agriculture. The first team assembled was the 2017 Census Content Team, which evaluated the content and report form design for the census. They reviewed the 2012 report forms, solicited input from both internal and external customers, and developed criteria for determining acceptable content for inclusion in the 2017 Census of Agriculture. The team tested the effectiveness of the 2017 report forms for various modes of data collection (mail, telephone, personal interview, and electronic data reporting) and made recommendations to NASS senior executives for final determination.

Throughout development NASS sought the advice and input from the data user community. Integral partners included the Advisory Committee on Agriculture Statistics, State Departments of Agriculture and other State government officials, Federal agency officials, land grant universities, agricultural trade associations, media, and various community-based organizations.

NASS conducted a three phase content test (OMB No. 0535-0243) of the general and short census of agriculture forms. Phase 1 of this test began in early 2016. The report forms were mailed to a nationwide sample of approximately 30,000 farm producers (23,500 producers received the general form and 6,500 received the short form). The report forms were tested for question phrasing, form design and flow, respondent comprehension, and regional differences. NASS used mail and phone follow-up to conduct this phase of the test. For Phase 2 NASS conducted two rounds of cognitive interviews to discover problems and issues farm producers had with the report forms they received during Phase 1. Phase 3 was a test of the

internet form to evaluate the feasibility of the online submission system. Content test results helped determine final report form content and design. A sample copy of the report form and instruction sheet is included in this appendix.

DATA CHANGES

Following are descriptions of the report form changes and their effect on the publication tables.

Crop Data Changes

Added items include:

- Aronia berries
- Cherimoyas
- Chickpeas
- Coffee – first time collected in States other than Hawaii
- Elderberries
- Indian or traditional corn
- Raspberries, other

Deleted items include:

- Pineapples not harvested
- Sugarcane not harvested
- Berry acres harvested and not harvested
- Grain storage capacity

Other changes include:

- Ginger root added to the vegetable section; removed from the field crop section
- Pineapple added to fruit, nuts, and berries section; removed from the field crop section
- Taro root added to the vegetable section; removed from the field crop section
- Berry acreage for 2017 was collected as bearing age and nonbearing age, similar to all other fruit;

2012 data were collected as harvested and not harvested acres

Items combined with another item(s) on the 2017 report form that were reported individually on the 2012 report form include:

- Small grain dry hay
- Wild dry hay
- Other tame dry hay excluding small grain hay and wild hay

Livestock and Poultry Data Changes

Deleted items include:

- Hogs and pigs used or to be used for breeding
- Ewes one year old or older
- Number of hair sheep or wool-hair crosses
- Inventory of owned horses and ponies

Other changes include:

- Modified cattle in feedlots for slaughter market to exclude cows and bulls. Data series now includes steers and heifers only. Number of cattle sold or moved from feedlots also excludes cows and bulls.

Economic, Energy, Land Use Practices, Selected Practices, Organic, Producer Characteristics, and Type of Organization/Legal Status Data Changes

Added items include:

- Number of acres irrigated in the past five years
- Military service
- Producers' involvement in day-to-day, land use, livestock, financial management, and estate planning decisions
- Number of male producers
- Demographic characteristics for four persons (producers)
- Sales to retail, institutions, and food hubs
- Value-added sales
- Expenses for cover crop seed as a subcategory of seeds, plants, vines, trees, etc.
- Expenses for medical supplies, veterinary, and custom services for livestock
- Have a barn built before 1960
- Aware of right to appeal an adverse program

decision to USDA's National Appeals Division

Deleted items include:

- Principal operator characteristics
- Percent of household income from the farm operation

Items reported individually on the 2012 and 2017 report forms that were published individually in 2012 and combined as Other crops in 2017:

- Grains and oilseeds delivered under a production contract
- Vegetables, melons, and potatoes delivered under a production contract
- Other crops delivered under a production contract

DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a detailed description of specific terms and phrases used in this publication. Items in the publication tables which carry the note "see text" also are explained. Report form section number references refer to the general version (17-A100). Many of the definitions and explanations are the same as those used in earlier censuses.

Acres and quantity harvested. Crops were reported in whole acres, except for the following crops that were reported in tenths of acres: tobacco, nursery and greenhouse crops in the open, vegetables including potatoes and sweet potatoes, fruit and nut crops including land in orchards, and berries. Totals for crops reported in tenths of acres were rounded to whole acres at the aggregate level during the tabulation process. Nursery and greenhouse crops grown under glass or other protection were reported in square feet and are published in square feet.

If two or more crops were harvested from the same land during the year (double cropping), the acres were counted for each crop. Therefore, the total acres of all crops harvested could exceed the acres of cropland harvested. No double cropping is allowed for hay or fruit and nut crops.

When more than one cutting of hay was taken from the same acres, the acres were counted only once. If there were multiple cuttings of one type of hay

production, e.g., two cuttings of alfalfa for dry hay, acreage was reported once but the quantity harvested includes all cuttings. Acreage cut and tons harvested for both dry hay and haylage, silage, or greenchop were reported for each crop. For interplanted crops or “skip-row” crops, acres were reported according to the portion of the field occupied, whether by a crop or whether it was idle land. If a crop was interplanted in an orchard or vineyard and harvested, then the entire orchard or vineyard acreage was reported under the appropriate fruit crop and the interplanted estimated crop acreage was reported under the appropriate crop.

If a crop was planted but not harvested, the acres were not reported as harvested. These acres were reported in the Land Use section on the report form under the appropriate items – cropland on which all crops failed or were abandoned, cropland in summer fallow, cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed, or other pasture and grazing land that could have been used for crops without additional improvements. This does not include fruit and nut orchards, vineyards, berries, acres in production for cultivated Christmas trees, and acres in production for short rotation woody crops that were not harvested. Acreage in these commodities were included in cropland harvested regardless of whether the crop was harvested. Abandoned orchards were reported as cropland idle, not as harvested cropland, and the individual abandoned orchard crop acres were not reported.

Crops that were grazed by livestock were reported as “Other pasture and grazing land that could have been used for crops without additional improvements.” Crop residue left in fields after the 2017 harvest and later grazed by livestock were reported as cropland harvested and not as other pasture or grazing land that could have been used for crops.

Quantity harvested was not obtained for crops such as fruits, nuts, berries, vegetables, melons, nursery crops, and greenhouse crops.

Agri-tourism and recreational services. See Total income from farm-related sources.

Agricultural products sold directly to individuals for human consumption. See Value of food sold directly to consumers.

All haylage, grass silage, and greenchop (tons). See Haylage, grass silage, and greenchop, all.

All non-principal producers. See Producer.

All principal producers. See Producer.

All producers. See Producer.

All other production expenses. See Total farm production expenses.

American Indian and Alaska Native farm producers, total. Data are reported in Chapter 1, tables 52 through 77 and Chapter 2, tables 45 and 49. In Chapter 2, table 49 data are published for a maximum of four producers reported in the Personal Characteristics section of the report form. The individual producers were included on the census mail list for most reservations. Those reservations that did not include all the individual producers on the census mail list were identified and the data for the entire reservation, including the data for the producers that would have met the definition of a farm, were collected on one report form. The count of reservations and the number of producers that were reported on these reservations are included in Appendix A, Table D.

Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs. See Land enrolled in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP).

Amount from State and local government agricultural program payments. See Total income from farm-related sources.

Amount spent to repay CCC loans. See also Commodity Credit Corporation loans. Farming operations that receive a CCC loan can use cash to repay the loan, purchase certificates for use in the repayment, or deliver the pledged collateral as full payment at maturity. If a farmer uses cash instead of certificates to repay the loan, the farmer and the IRS receive an information return showing the market gain realized. The farmer can repay the loan to the

CCC and then sell the grain, feed the grain, or store it. These provisions only apply until the maturity date of the loan. After the maturity date of the loan, the entire original loan principal and all accrued interest must be repaid or, as an alternative choice, the crop may be forfeited to CCC.

Animal production and aquaculture (112). See Farms by North American Industry Classification System (NAICS).

Any poultry sold. The number of farms with any poultry sold includes all farms with sales of poultry, poultry hatched, or eggs.

Aquaculture. Aquaculture is defined as the farming of fish, crustaceans, mollusks, and other aquaculture products. The aquaculture production reported in the census requires some form of intervention in the rearing process and requires inputs such as seeding, stocking, feeding, protection from predators, etc. It also requires ownership of the stock being cultivated and harvesting that is conducted in a controlled environment by the operation. The value of sales includes all sizes and eggs by species and includes aquaculture distributed for restoration, conservation, or recreational purposes, such as State and Federal hatcheries. Distributed fish with unknown values were assigned a value based on sales of farm-raised fish.

Aquaculture and other animal production (1125, 1129). See Farms by North American Industry Classification System (NAICS).

Aronia berries. This is a new item for 2017. In 2012 and previous censuses, data were included in Other berries.

Aware of right to appeal an adverse program decision to USDA's National Appeals Division. This is a new item in 2017. The National Appeals Division (NAD) of the United States Department of Agriculture (USDA) provides an independent forum within USDA for program participants to seek administrative appeals of adverse agency decisions.

Bantams. See Layers.

Beans, Lima. In 2012 data were published as Beans, Green lima. This is a wording change only; data are

comparable.

Bees. See Colonies of honey bees and Honey collected.

Berries. Aronia berries and Elderberries are new items for 2017. In 2012 and previous censuses, data were included in Other berries. A new summarization of Blueberries, all for 2017, which combines Blueberries, tame and Blueberries, wild data was added. Raspberries, other was added as an additional breakout for the Raspberries, all summarization in 2017. Berry acreage for 2017 was collected as bearing age and nonbearing age, similar to all other fruit crops; however, in 2012, data were collected as harvested and not harvested acres.

Biodiesel production systems. See Renewable energy producing systems.

Blueberries, all. This is a new summarization for 2017. It combines Blueberries, tame and Blueberries, wild data.

Breeding livestock. See Total farm production expenses.

By economic class. See Economic class of farms.

Cattle on feed. Cattle on feed are steers and heifers being fed a ration of grain, silage, hay and/or protein supplement for slaughter market that are expected to produce a carcass that will grade select or better. It excludes cattle being "backgrounded only" for later sale as feeders or later placement in another feedlot.

Cattle on feed sold. Data are for cattle on feed sold that weighed 500 pounds or more that were shipped directly from the feedlot to the slaughter market. This category excludes cattle that were pastured only, owned cattle that were shipped from feedlots operated by others, background feeder cattle, and veal calves.

Cattle weighing 500 pounds or more. In 2012 this item was referred to as Cattle, including calves weighing 500 pounds or more. This is a wording change only; data are comparable.

CCC loans. See Commodity Credit Corporation loans.

Chemicals applied. For each type of chemical used, the acres treated were reported only once even if the acres were treated more than once. If multi-purpose chemicals were used, the acres treated for each purpose were reported. See Total farm production expenses; Chemicals.

Cherimoyas. This is a new item for 2017. In 2012 cherimoyas were reported in other noncitrus fruit.

Cherries. Cherries were reported as either sweet cherries or tart cherries. Combined crops or non-specified cherry acres were not options for the respondent. Total acres, bearing age acres, and nonbearing age acres were reported for each crop.

Chickpeas. This is a new item for 2017. In 2012 chickpeas were reported as dry edible beans. See Dry edible beans, excluding chickpeas and limas.

Christmas trees, cultivated. Data are for acres of Christmas trees - cut or to be cut - in production, acres irrigated, and number of trees cut. Sales data are included in the Cut Christmas trees and short rotation woody crops category. In 2012 this item was referred to as Cut Christmas trees. This is a wording change only; data are comparable.

Christmas trees, live. Data were reported as nursery stock and include Christmas trees sold live, generally balled and burlapped, from the operation.

Coffee. This is a new item for 2017 in all States except for Hawaii. In 2012 and previous censuses except for Hawaii, data were included in other noncitrus fruit. Data include trees grown in the open as well as under shade or in greenhouses. Data for coffee relate to the July 2016 through June 2017 harvest season.

Colonies of honey bees. Published colonies inventory is the total number of colonies owned on December 31, 2017. Colonies of bees were collected in their own section to clarify to respondents that only “owned” colonies were to be reported versus any colonies on the operation. In 2017 bee operations with multiple locations reported inventory on the location where the bees were present and the inventory was tabulated in those counties. Inventories in 2012 were tabulated in the county where the operation had the

largest value of all agricultural products raised or produced. Data may not be comparable. Package bees were not included as separate colonies.

Commodities raised and delivered under production contracts. A production contract is an agreement between a producer or grower and a contractor (integrator) setting terms, conditions, and fees to be paid by the contractor to the operation for the production of crops, livestock, or poultry. The grower receives a payment or fee from the contractor, generally after delivery, which is less than the full market price of the commodity. A production contract involves the shifting of some risk and control from the grower to the contractor. Marketing contracts, futures contracts, forward contracts, or other contracts based strictly on price are not considered production contracts. Commodities sold to a co-op where some of the input items were purchased from the same co-op at a discount price were also excluded. Many operations produce commodities only under production contracts or only independently. Some operations may produce a commodity under production contract and also produce more of the same commodity that they sell independently. The production contract data are totals for the portion of agriculture production raised and delivered under production contract. Crops and livestock inventory, production, and value of sales are the total of all production, both independent and raised under production contract.

Custom fed cattle shipped directly for slaughter under a production contract. Cattle under production contract which were not shipped directly to slaughter were reported in either Replacement dairy heifers under production contract or in the Other cattle, sheep, livestock, or poultry under production contract category.

Grains, oilseeds, vegetables, melons, potatoes, and other crops under production contract. This category is the number of farms that produced and delivered any crop grown under a production contract. This item was reported as three different categories (grains and oilseeds, vegetables/melons/potatoes, and all other crops).

Layers under production contract. The production contract is based on eggs, but the layers are owned by the contractor and are also under contract. The layers

are produced at the pullet farm, which may have a separate production contract.

Other cattle, sheep, livestock, or poultry under production contract. The data for commodities raised and delivered under a production contract include cattle which were not shipped directly to slaughter (backgrounding), sheep, livestock, and poultry not listed separately.

Commodity Credit Corporation loans. This category includes nonrecourse marketing loans for wheat, corn, sorghum, barley, oats, cotton, rice, soybeans, Austrian winter peas, honey, dry edible peas, lentils, chickpeas, peanuts, sunflower seed, flaxseed, canola and other rapeseed, safflower, mustard seed, crambe, sesame seed, wool and mohair.

Corn, Traditional or Indian. This is a new item for 2017. Traditional corn is an open-pollinated (non-hybrid), non-GMO cultivar of *Zea mays* that was indigenously developed and consists of many heritage varieties of sizes, color, and drought tolerance. Traditional corn grown on southwest reservations has been passed from generation to generation through seed saving by American Indian and Hispanic communities. Traditional corn is culturally significant.

Cover crop seed purchased. See Total farm production expenses.

Crop and livestock insurance payments received. See Total income from farm-related sources.

Crop units of measure. The report form allowed the producer to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the producer reported in units different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

Crop year or season covered. Acres and quantity harvested are for the calendar year 2017 except for coffee. Data for coffee relate to July 2016 through June 2017.

Cropland, harvested. See Harvested cropland.

Cropland idle or used for cover crops or soil

improvement but not harvested and not pastured or grazed. Cropland idle includes any other acreage which could have been used for crops without any additional improvement and which was not reported as cropland harvested, cropland on which all crops failed, cropland in summer fallow, or other pasture or grazing land that could have been used for crops without additional improvements. This category includes:

1. Land used for cover crops or soil improvement but not harvested or grazed.
2. Land in Federal or State conservation programs that was not hayed or grazed in 2017.
3. Land occupied with growing crops for harvest in 2018 or later years but not harvested or summer fallowed in 2017 (except fruit or nuts in an orchard, grove, or vineyard or berries being maintained for production). Examples are acreage planted in winter wheat, strawberries, etc., for harvest in 2018 and no crop was harvested from these acres in 2017.
4. Land in “skipped” rows between rows of crops or field strips.

Cropland in summer fallow. This includes cropland cultivated or treated with herbicides to control weeds and conserve moisture and not seeded or harvested in 2017. It includes cropland summer fallowed in 2017 and planted to a crop (i.e., winter wheat, etc.) for harvest in 2018. In 2012 this item was referred to as Cultivated summer fallow. This is a wording change only; data are comparable.

Cropland, irrigated. See Irrigated land.

Cropland on which intensive tillage practices were used. See Land use practices.

Cropland on which reduced tillage, excluding no-till, practices were used. See Land use practices.

Cropland, other. See Other cropland.

Cropland, total. See Total cropland.

Cropland used only for pasture or grazing. See other pasture and grazing land that could have been

used for crops without additional improvements.

Crustaceans. These are invertebrate animals with jointed legs and a hard shelled segmented body. Examples include crawfish, lobster, prawns, shrimp, and softshell crabs.

Cultivated Christmas trees. See Christmas trees, cultivated.

Custom fed cattle shipped directly for slaughter. See Commodities raised and delivered under production contract.

Customwork and custom hauling. See Total farm production expenses.

Customwork and other agricultural services. See Total income from farm-related sources.

Cuttings, seedlings, liners, and plugs. See Nursery, greenhouse, floriculture, and sod.

Data are based on sample of farms. For censuses from 1987 through 2002, selected data items were collected from only a sample of farms. These data were subject to sampling error.

Depreciation expenses claimed. The calculation of total farm production expenses does not include depreciation because it is a capital expense. Depreciation allows the expensing of capital purchases over multiple years. It is not included in the calculation of Net cash farm income.

Don't know. This is a new option in 2017 under the farms with internet access question. Those producers who were unable to determine how they receive their internet were able to check "Don't know."

Dry edible beans, excluding chickpeas and limas. Dry edible beans do not include chickpeas, dry edible peas, dry lima beans, or dry southern (black eyed/cowpeas). In 2012, chickpeas (garbanzo beans) were included in dry edible beans. Data are not directly comparable to 2012.

Ducks, geese, and other miscellaneous poultry. See Miscellaneous poultry.

Economic class of farms. Economic class data are

the classification of farms by the sum of market value of agricultural products sold and Federal farm program payments. See Total market value of agricultural products sold and government payments. See Farms with sales and government payments of less than \$1,000.

Elderberries. This is a new item for 2017. In 2012 and previous censuses, data were included in Other berries.

Energy. See Renewable energy producing systems.

Equine products. This category includes horse breeding fees, stud fees, semen, and other equine products and excludes boarding, training and riding facilities income. In 2012 equine products were included in Other livestock products.

Ethanol production systems. See Renewable energy producing systems.

Expenses. See Total farm production expenses.

Farm or ranch producer. See Producer.

Farms by combined government payments and market value of agricultural products sold. This category represents the value of products sold plus government payments. Total value of products sold combines total sales not under production contract and total sales under production contract. Government payments consist of government payments received from the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP) plus government payments received from Federal programs other than the CRP, WRP, FWP, and CREP, and Commodity Credit Corporation loans.

Farms by economic class. See Economic class of farms and Total market value of agricultural products sold and government payments.

Farms by legal status. All farms were classified by legal status in the 2017 census. This section collects information for federal tax purposes to determine an operation's legal status. The classifications used were:

1. Family or individual (sole proprietorship), excluding partnership and corporation.
2. Partnership, including family partnership – in selected tables, partnership was further subclassified into:
 - a. Registered under State law.
 - b. Not registered under State law.
3. Corporation, including family corporations - in selected tables, corporation was further subclassified into:
 - a. Family held or other than family held.
 - b. More than 10 stockholders.
4. Other - estate or trust, prison farm, grazing association, American Indian reservation, etc.

Farms by North American Industry Classification System (NAICS). The NAICS classifies economic activities. It was jointly developed by Mexico, Canada, and the U.S. NAICS makes it possible to produce comparable industrial statistics for Mexico, Canada, and the U.S. For the 2017 census, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity or activities using the NAICS code. The 2017 census is the fifth census to use NAICS. Censuses prior to the 1997 census used the old Standard Industrial Classification (SIC) system to classify farms.

NAICS was developed to provide a consistent framework for the collection, analysis, and dissemination of industrial statistics used by government policy analysts, academia and researchers, the business community, and the public. It is the first industry classification system developed in accordance with a single principle of aggregation that production units using similar production processes should be grouped together. Though NAICS differs from other industry classification systems, statistics compiled on NAICS are comparable with statistics compiled according to the latest revision of the United Nations' International Standard Industrial Classification, Revision Four, (ISIC, Revision 4) for some 60 high level groupings. Following are explanations of the major classifications used in 2017.

Oilseed and grain farming (1111). Comprises establishments primarily engaged in (1) growing oilseed and/or grain crops and/or (2) producing oilseed and grain seeds. These crops have an annual life cycle and are typically grown in open fields. This category includes corn silage and grain silage.

Vegetable and melon farming (11121). Comprises establishments primarily engaged in one or more of the following: (1) growing vegetables and/or melon crops, (2) producing vegetable and melon seeds, and (3) growing vegetable and/or melon bedding plants.

Fruit and tree nut farming (1113). Comprises establishments primarily engaged in growing fruit and/or tree nut crops. These crops are generally not grown from seeds and have a perennial life cycle.

Greenhouse, nursery, and floriculture production (1114). Comprises establishments primarily engaged in growing crops of any kind under cover and/or growing nursery stock and flowers. "Under cover" is generally defined as greenhouses, cold frames, cloth houses, and lath houses. Crops grown are removed at various stages of maturity and have annual and perennial life cycles. The category includes short rotation woody crops and Christmas trees that have a growing and harvesting cycle of 10 years or less.

Other crop farming (1119). Comprises establishments primarily engaged in (1) growing crops such as tobacco, cotton, sugarcane, hay, sugarbeets, peanuts, agave, herbs and spices, and hay and grass seeds, or (2) growing a combination of the valid crops with no one crop or family of crops accounting for one-half of the establishment's agricultural production (value of crops for market). Crops not included in this category are oilseeds, grains, vegetables and melons, fruits, tree nuts, greenhouse, nursery and floriculture products.

All other crop farming (11199). Comprises establishments primarily engaged in (1) growing crops (except oilseeds and/or grains; vegetables and/or melons; fruits and/or tree nuts; greenhouse, nursery, and/or floriculture products; tobacco; cotton; sugarcane; or hay) or (2) growing a combination of crops (except a combination of oilseed(s) and grain(s)); and a combination of fruit(s) and tree nut(s) with no one crop or family of crops accounting for one-half of the establishment's agricultural

production.

Animal production and aquaculture (112). Industries in the Animal Production and Aquaculture subsector raise or fatten animals for the sale of animals or animal products and/or raise aquatic plants and animals in controlled or selected aquatic environments for the sale of aquatic plants, animals, or their products. The subsector includes establishments, such as ranches, farms, and feedlots primarily engaged in keeping, grazing, breeding, or feeding animals. These animals are kept for the products they produce or for eventual sale. The animals are generally raised in various environments, from total confinement or captivity to feeding on an open range pasture. The industries in this subsector are grouped by important factors, such as suitable grazing or pasture land, specialized buildings, type of equipment, and the amount and types of labor required. Establishments are classified to the Animal Production and Aquaculture subsector when animal production (i.e., value of animals for market) accounts for one-half or more of the establishment's total agricultural production. Establishments with one-half or more animal production with no one animal product or family of animal products of an industry accounting for one half of the establishment's agricultural production are treated as combination animal farming classified to Industry 11299, All Other Animal Production.

Beef cattle ranching and farming (112111). Comprises establishments primarily engaged in raising cattle (including cattle for dairy herd replacements). Pastureland-only farms, those with only 100 or more acres of pastureland, were classified as "All other animal production farming (11299)."

Cattle feedlots (112112). Comprises establishments primarily engaged in feeding cattle for fattening.

Dairy cattle and milk production (112120). This industry comprises establishments primarily engaged in milking dairy cattle.

Poultry and egg production (1123). This industry group comprises establishments primarily engaged in breeding, hatching, and raising poultry for meat or egg production.

Sheep and goat farming (1124). This industry group

comprises establishments primarily engaged in raising sheep, lambs, and goats, or feeding lambs for fattening.

Aquaculture (1125). Comprises establishments primarily engaged in the farm raising of finfish, shellfish, or any other kind of animal aquaculture. These establishments use some form of intervention in the rearing process to enhance production, such as holding in captivity, regular stocking, feeding, and protecting from predators.

Other animal production (1129). Comprises establishments primarily engaged in raising animals and insects (except cattle, hogs and pigs, poultry, sheep and goats, and aquaculture) for sale or product production. These establishments are primarily engaged in one of the following: bees, horses and other equine, rabbits and other fur-bearing animals, etc. and producing products such as honey and other bee products. Establishments primarily engaged in raising a combination of animals with no one animal or family of animals accounting for one-half of the establishment's agricultural production are included in this industry group. Farms with only 100 acres or more of pastureland were classified as "All other animal production farming (11299)."

Farms by number of households sharing in net income of operation. Households that received funds because they were only landlords, custom equipment producers, or provided other production services were not included. Published data can exceed the number of producers listed under Producers, all.

Farms by size. All farms were classified into size groups according to the total land area in the farm. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered part of the tenant's farm and not part of the owner's.

Farms by tenure of producer. All farms were classified by tenure of producers. The classifications used were:

- Full owners operated only land they owned.
- Part owners operated land they owned and also land they rented from others.

- Tenants operated only land they rented from others or worked on shares for others.

Farms with hired managers are classified according to the land ownership characteristics reported. For example, a corporation owns all the land used on the farm and hires a manager to run the farm. The hired manager is considered the farm producer, and the farm is classified with a tenure type of “full owner” even though the hired manager owns none of the land he/she operates.

Farms by type of organization. The data categorizes an operation’s ownership.

Operation more than 50 percent owned by one producer’s household and/or extended family. The data are used to measure the principal producers’ ownership interest in the organization. In 2012 this item was labeled Operations with 50 percent or more ownership interest held by operator and/or persons related by blood, marriage, or adoption. This is a wording change only; data are comparable.

Limited Liability Company. This type of farm structure combines the pass-through taxation of a partnership or sole proprietorship with the limited liability of a corporation.

Farms by value of sales. See Market value of agricultural products sold.

Farms or farms reporting. The terms “farms” and “farms reporting” in the presentation of data are equivalent. Both represent the number of farms reporting the item. For example, if there are 3,710 farms in a State and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves farms	842
number	28,594

Farms with sales and government payments of less than \$1,000. This category includes farms with combined sales and government payments of less than \$1,000 but having the potential for sales of \$1,000 or more. It provides information on all items for farms that normally would be expected to sell agricultural products of \$1,000.

Farms with sales of less than \$1,000. This category

includes farms with sales of less than \$1,000 but having the potential for sales of \$1,000 or more. Some of these farms had no sales in the census year. It provides information on all report form items for farms that normally would be expected to sell agricultural products of \$1,000 or more.

Fertilizer. See Total farm production expenses; Fertilizer, lime, and soil conditioners.

Field and grass seed crops, all. Data are for all the field and grass seed crops not published as field crops and include field seed crops which did not have a specific code on the 2017 report form.

Foliage plants, indoor (including hanging baskets). For 2017 “(including hanging baskets)” was added to the description for clarity. Data are comparable.

Food marketing practices. This is a new section for 2017. This section consists of sales of edible agricultural products that are both produced and sold by the operation directly to consumers (farmers markets, on farm stores or farm stand, roadside stands or stores, u-pick, CSA, online marketplaces, etc.) or retail markets, institutions, or food hubs for local or regionally branding. Retail and institutional establishments include supermarkets, supercenters, restaurants, caterers, independently owned grocery stores, food cooperatives, K-12 schools, colleges or universities, hospitals, workplace cafeterias, prisons, foodbanks, etc.

Forage - land used for all hay and all haylage, grass silage, and greenchop. Data shown represent the area harvested with each acre counted only once if dry hay, haylage, grass silage, or greenchop were cut from the same acreage or if there were multiple cuttings of dry hay, haylage, grass silage, or greenchop. Data exclude corn silage and sorghum silage. Quantity produced is the sum of the quantity harvested of all hay including alfalfa, other dry hay, and all haylage, grass silage and greenchop after converting the all haylage, grass silage, and greenchop quantity harvested to a dry equivalent basis (13 percent moisture). The green tons of all haylage, grass silage, and greenchop harvested were multiplied by a factor of 0.4943 to convert to a dry equivalent. This conversion factor is based on the assumption that one ton of dry hay is 0.87 ton of dry matter, one ton of haylage or grass silage is 0.45 ton dry matter, and one ton of greenchop is 0.25 ton dry

matter. The all haylage, grass silage, and greenchop quantity harvested is assumed to be comprised of 90 percent haylage and grass silage and 10 percent greenchop. Therefore, the conversion factor used to adjust all haylage, grass silage, and greenchop quantity harvested to a dry equivalent basis = $[(0.45*0.9)+(0.25*0.1)]/0.87 = 0.4943$.

Fruits and tree nuts. Total acres, bearing age acres, and nonbearing age acres were collected.

Geothermal/geoexchange systems. See Renewable energy producing systems.

Ginger root. In 2017 data for ginger root are included in the vegetable section. In 2012 and previous censuses, data were included in the field crop section.

Government payments. This category consists of payments from Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), and Conservation Reserve Enhancement Program (CREP); loan deficiency payments; disaster payments; other conservation programs; and all other Federal farm programs under which payments were made directly to farm producers, including those specified in the 2014 Agricultural Act (Farm Bill), including Agriculture Risk Coverage (ARC) and Price Loss Coverage (PLC). Commodity Credit Corporation (CCC) proceeds, amount from State and local government agricultural program payments, and Federal crop insurance payments were not tabulated in this category.

Grain and bean combines. Data were collected for self-propelled combines only.

Grains, oilseeds, dry beans, and dry peas sales. Data are for the total market value of cash grains sold, including corn for grain, seed, or silage; wheat for grain; soybeans for beans; sorghum for grain, seed, or silage; barley for grain; rice; oats for grain; and other grains. Also included is the total market value of cash oilseeds sold, including sunflower seed (oil and non-oil), flaxseed, canola, rapeseed, safflower seed, mustard seed, dry beans, and dry peas.

Grains, oilseeds, vegetables, melons, potatoes, and other crops. See Commodities raised and delivered under production contracts.

Greenhouse fruits and berries. Data include strawberries, raspberries, etc. grown in greenhouses and high tunnels where the crops were always covered. See Nursery, greenhouse, floriculture, and sod.

Gross cash rent or share payments. See Total income from farm-related sources.

Had a barn that was built prior to 1960. This is a new question asked of producers in 2017. The last time this question was asked was on the 2007 Census of Agriculture.

Harvested cropland. This category includes land from which crops were harvested and hay was cut, land used to grow short rotation woody crops, Christmas trees, and land in orchards, groves, vineyards, berries, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once. Land in tapped maple trees was included in woodland not pastured. The 2017 census definition for harvested cropland is the same as the 2012 definition.

Hay - all hay including alfalfa, and other dry. Data shown represent the acreage and quantity harvested of all types of dry hay. The quantity harvested was reported in dry tons (dry weight at the time the hay was removed from the field for storage or feeding). If two or more cuttings of dry hay were made from the same field, the acreage was reported only once as acres harvested of the appropriate dry hay category but the production from all dry hay cuttings was combined in the corresponding quantity harvested. Straw acreage and production are excluded.

If dry hay was cut from the same land that haylage, grass silage, or greenchop was cut, the acreage and production for the dry hay was reported in the appropriate category of dry hay and the acreage and production for haylage, grass silage, or greenchop was reported in the appropriate haylage, grass silage, or greenchop category. For example, if 20 acres of alfalfa were cut for hay and then the same land was used to produce alfalfa haylage, 20 acres and the quantity harvested of hay were reported as Alfalfa and alfalfa mixtures for dry hay and 20 acres and the quantity harvested of alfalfa haylage were reported as Haylage or greenchop from alfalfa or alfalfa mixtures.

Hay, other dry hay. Data shown represent acreage and dry tons of hay harvested from clover, fescue, lespedeza, timothy, Bermuda grass, Sudangrass, sorghum hay, and other types of legumes (excluding alfalfa) and tame grasses. For 2017, data include small grains harvested for hay including barley, oats, rye, and wheat as well as wild hay. In 2012 this item was reported in three categories – Small grain dry hay, Other tame dry hay, and Wild hay.

Haylage, grass silage, and greenchop, all. Data shown represent the acreage and quantity harvested of all types (alfalfa and all other haylage, grass silage, and greenchop). The quantity harvested was reported in green tons. If two or more cuttings of haylage, grass silage, or greenchop were made from the same field, the acreage was reported as acres harvested in the appropriate haylage category only once, and the tonnage from all cuttings was combined in the corresponding quantity harvested. Straw acreage and production is excluded.

Hired farm labor. Data are for total hired farm workers, including paid family members, by number of days worked. Data exclude contract laborers.

Hired managers. A hired manager is someone who receives a wage to manage the farm operation. For 2017 up to four hired managers were reported for each farm operation. In 2012 only one hired manager per farm was published.

Hispanic, Latino, or Spanish origin. Producers of Hispanic, Latino, or Spanish origin are found in all of the racial groups listed in the census and were tabulated according to the race reported, as well as on tables pertaining only to this group.

Hogs and pigs by type of operation. Hog and pig farms were classified by primary type of operation. Operation types were farrow to wean, farrow to feeder, farrow to finish, nursery, finish only, and other. Each description was accepted and the reported inventory and sales data were assigned to each reported type.

Hogs and pigs by type of producer. Hog and pig farms were classified by one type of producer. Producer types were independent grower, contractor or integrator, and contract grower (contractee). Each description was accepted and the reported inventory

and sales data were assigned to each reported type.

Honey collected. Data are for pounds of honey collected but not necessarily sold. See Colonies of honey bees.

Horses and ponies sales. Data are for horses sold or moved off the farming operation regardless of ownership. In 2012 data only included value of owned horses sold.

Income. Net cash farm income is published for the operation and producer. The difference between net cash income and net cash returns is that net cash returns does not include government payments and other farm-related income as income. See Net cash farm income of the operations and Net cash farm income of the producers.

Income from farm-related sources. See Total income from farm-related sources.

Institutional, research, experimental, and American Indian Reservation farms. Data for these farms are combined into a single category. Research farms include farms operated by private companies as well as those operated by universities, colleges, and government organizations for the purpose of expanding agricultural knowledge.

Internet access. This item is the number of farms that reported using personal computers, laptops, or mobile devices (e.g., cell phones or tablets) to access the internet. This can be done using services such as dial-up, DSL, cable modem, fiber-optic, mobile internet service for a cell phone or other device (tablet), satellite, or other methods. In 2017 respondents were also able to report connecting with an unknown service type, labeled as “Don’t know” in the publication tables.

Involvement in decisionmaking. This is a new item in 2017. Questions were asked about each producer’s involvement in farm-related decisions, including day-to-day decisions, land use and/or crop decisions, livestock decisions, record keeping and/or financial management, and estate planning or succession planning.

Irrigated land. This category includes all land watered by any artificial or controlled means, such as

sprinklers, flooding, furrows or ditches, sub-irrigation, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was counted only once regardless of the number of times it was irrigated or harvested. If an operation reported less than one acre irrigated, the irrigated land for the operation was rounded to one acre. Livestock lagoon wastewater distributed by sprinkler or flood systems was also included.

Land area, approximate. The approximate land area represents the total land area as determined by records and calculations as of January 1, 2017. The proportion of land area in farms may exceed 100 percent because some operations have land in two or more counties, but all acres are tabulated in the principal county of operation. The approximate land area data were supplied by the U.S. Department of Commerce, Bureau of the Census. See Land in two or more counties.

Land enrolled in crop insurance programs. The data are for all land enrolled in any Federal, private, or other crop insurance program. It includes acreage of pasture/rangeland enrolled in crop insurance programs in areas where it is provided.

Land enrolled in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP). CRP is a program established by the USDA in 1985 that takes land prone to erosion out of production for 10 to 15 years and devotes it to conservation uses. In return, farmers receive an annual rental payment for carrying out approved conservation practices on the conservation acreage. The WRP, FWP, and CREP programs are included under the Conservation Reserve Program.

Operations with land enrolled in the CRP, WRP, FWP, or CREP were counted as farms, given they received \$1,000 or more in government payments, even if they had no sales and otherwise lacked the potential to have \$1,000 or more in sales.

Land in berries. Data are for total land in berries. Respondents in 2017 reported bearing age acres and nonbearing acres by individual berry crops. In 2012 and previous censuses, respondents reported acres harvested and acres not harvested of individual berry

crops.

Land in farms. The acreage designated as “land in farms” consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm producer’s total operation. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the edit process. Land in farms includes CRP, WRP, FWP, and CREP acres.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as “land in farms” provided it was part of a farm or ranch. Land under the exclusive use of a grazing association was reported by the grazing association and included as land in farms. All land in American Indian reservations used for growing crops, grazing livestock, or with the potential of grazing livestock was included as land in farms. Land in reservations not reported by reservation, individual American Indians, or non-Native Americans was reported in the name of the cooperative group that used the land. In a few instances, an entire American Indian reservation was reported as one farm.

Land in orchards. Starting in 2017, pineapples were moved from the field crops section to the fruit and nut section. As a result, land in orchards includes pineapples in 2017 and land in orchards is not directly comparable to 2012. This category includes land in bearing age and nonbearing age fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents also reported bearing age acres and nonbearing age acres by individual fruit and nut crops.

Land in two or more counties. With few exceptions, the land in each farm was tabulated as being in the producer’s principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. Reports

received showing land in more than one county were separated into two or more reports if the data would substantially distort county totals.

Land irrigated at least once in the past five years.

Data represent the total number of acres irrigated on the operation over the past five years. Land from different years can be added together as long as the land was irrigated at least once and the plots of land were in different locations. While land can be irrigated multiple times over the course of five years, it can only be counted once. In some situations, operations can report more acres irrigated in the past than they currently have, e.g., operations that rented irrigated acres to or from others in the past had more irrigated land than their current operation.

Land use practices. Includes all agricultural land used for the production of agricultural commodities.

Drained by tile. Tile drainage is a practice that removes excess water from the soils subsurface.

Artificially drained by ditches. A field ditch installed for surface drainage for collecting excess surface or subsurface water in a field.

Conservation easement. A conservation easement is a legal agreement voluntarily entered into by a property owner and a qualified conservation organization such as a land trust or government agency. This category excludes land in CRP (Conservation Reserve Program) acres.

No-till practices used. Using no-till or minimum till is a practice used for weed control and helps reduce weed seed germination by not disturbing the soil.

Reduced tillage. Conserves the soil by reducing erosion and decreasing water pollution. In 2012 this category was labeled conservation tillage. This is a wording change only; data are comparable.

Intensive tillage. Refers to tillage operations that use standard practices for a specific location and crop to bury crop residues. In 2012, this category was labeled conventional tillage.

Cover crop. A crop planted primarily to manage soil fertility, soil quality, water, weeds, pests, diseases, or wildlife. This item does not include CRP acres.

Land used for vegetables. Data are for the total land used for vegetable and melon crops. The acres were reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres. Respondents also reported harvested acres, acres harvested for fresh market, and acres harvested for processing by individual vegetable crops.

Landlord's share of the total sales. Data represent the share of the operation's total sales that went to landlord(s).

Layers. This category includes table-egg type layers, hatching layers for meat-types, hatching layers for table egg types, and reported bantams.

Legal status for tax purposes. See Farms by legal status.

Less than \$1,000. See Farms with sales and government payments of less than \$1,000.

Livestock and poultry purchased or leased. See Total farm production expenses; Livestock and poultry purchased or leased.

Maple syrup. Data are for the number of taps set, syrup produced, and value of sales.

Market value of agricultural products sold. This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 2017 regardless of who received the payment. It is equivalent to total sales and it includes sales by the producers as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. It includes value of organic sales, direct sales and the value of commodities placed in the Commodity Credit Corporation (CCC) loan program. Market value of agricultural products sold does not include payments received for participation in other Federal farm programs. It does not include income from farm-related sources such as customwork and other agricultural services, or income from nonfarm sources.

The value of crops sold in 2017 does not necessarily represent the sales from crops harvested in 2017. Data

may include sales from crops produced in earlier years and may exclude some crops produced in 2017 but held in storage and not sold. For commodities such as sugarbeets and wool sold through a co-op that made payments in several installments, respondents were requested to report the total value received in 2017.

The value of agricultural products sold was requested of all producers. If the producers failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory, or number sold. Caution should be used when comparing sales in the 2017 census with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation. See Farms with sales and government payments of less than \$1,000.

Market value of agricultural products sold and government payments. See Total market value of agricultural products sold and government payments.

Medical supplies, veterinary, and custom services for livestock. See Total farm production expenses.

Methane digesters. See Renewable energy producing systems.

Migrant farm labor on farms reporting only contract labor. Data are for those operations that did not have hired farm workers but reported that they did have migrant contract workers on their operation in 2017.

Migrant farm labor on farms with hired labor. Producers were asked whether any hired or contract workers were migrant workers. A migrant farm worker is a farm worker whose employment required travel that prevented the worker from returning to his/her permanent place of residence the same day.

Migrant workers, total. Data are for total migrant farm workers whose employment requires travel that prevents the worker from returning to his or her permanent place of residence the same day.

Military service. This item is new in 2017. A producer with military service is a person who currently or previously served on active duty in the U.S. Armed Forces.

Mink, live. The data are for inventory and sales of live mink. Number of farms producing mink pelts are included in Other livestock products.

Miscellaneous poultry. Data are for poultry other than chickens or turkeys. Data are published in Chapter 2, table 20.

Misreported or miscoded crops. In a few cases, data may have been reported on the wrong line, in the wrong section, or the wrong crop code may have been assigned to a write-in crop code. A few of these errors may not have been identified and corrected during processing which resulted in rare cases of inaccurately tabulated data. Reports with significant acres of unusual crops for the area were examined to minimize the possibility that they were in error.

Mobile internet service for a cell phone or other device. This includes counts of farm operations that reported accessing the internet from a mobile device, such as cell phone or tablet. In 2012 this item was labeled Mobile broadband plan for a computer or a cell phone. This is a wording change only; data are comparable.

Mollusks. These are invertebrate animals with a soft body covering and shells of 1-18 parts or sections. Examples include abalones, clams, mussels, oysters, and snails. See Aquaculture.

More than one race reported. This category represents producers who reported more than one race on the census form.

Mushroom spawn. Respondents reported only sales; growing area was not summarized.

Mushrooms. All mushroom crops were considered grown under glass or other protection and no mushroom data were published as area in the open. Those reporting mushrooms grown in the open area were converted to an equivalent area of square feet under protection proportional to their sales.

NAICS. See Farms by North American Industry Classification System (NAICS).

Net cash farm income of the operations. This concept is derived by subtracting total farm expenses from total sales, government payments, and other

farm-related income. Depreciation is not used in the calculation of net cash farm income. Net cash farm income of the operation includes the value of commodities produced under production contract by the contract growers.

For publication purposes, farms are divided into two categories:

1. Farms with net gains (includes those operations that broke even).
2. Farms with net losses.

Net cash farm income of producers. This value is the producers' total revenue (fees for producing under a production contract, total sales not under a production contract, government payments, and farm-related income) minus total expenses paid by the producers. Net cash farm income of the producer includes the payments received for producing under a production contract and does not include value of commodities produced under production contract by the contract growers. Depreciation is not used in the calculation of net cash farm income.

For publication purposes, farms are divided into two categories:

1. Farms with net gains (includes those producers that broke even).
2. Farms with net losses.

New and beginning producers. This is a new category for 2017. It includes producers operating on any operation for 10 years or less. They may be on farms with producers who are not beginning producers.

Noncitrus fruit, all. This is a summation of all acres reported in the commodities defined as noncitrus such as apples, grapes, and plums. Data for 2017 include pineapples. In 2012 and previous censuses, pineapples were included in field crops. Data are not directly comparable.

Number of female producers. This item is the total count of female producers involved in decisions for the operation reported by the respondent. Detailed demographic data are only available for up to four

producers per farm operation.

Number of male producers. This item is the total count of male producers involved in decisions for the operation reported by the respondent. Detailed demographic data are only available for up to four producers per farm operation.

Number of persons living in producers' households. This is the count of people living in the households of the producers on the farm. If producers on the farm are living in the same household, the count is not duplicated for each producer.

Number of producers. This item is the total count of producers involved in decisions for the operation reported by the respondent. Detailed demographic data are only available for up to four producers per farm operation.

Nursery, greenhouse, floriculture, and sod. Data are for total square feet under protection and acres in the open. Individual crop data were collected for area under glass or other protection, area in the open, and sales of aquatic plants, floriculture and bedding crops, nursery crops, sod, propagative materials, food crops grown under protection, and mushroom crops. Total sales data are the summation of all crops.

Nursery stock crops. Data include ornamentals, shrubs, shade trees, flowering trees, evergreens, live Christmas trees, fruit and nut trees and plants, vines, palms, ornamental grasses, and bare root herbaceous perennials.

Nuts, all. Data include all nut trees.

Occupation. See Producer characteristics.

Operation more than 50 percent owned by one producer's household and/or extended family. See Farms by type of organization.

Operations legal status for tax purposes. See Farms by legal status.

Operators. The term "operators" has been replaced with the term "producers."

Oranges, all. All oranges are a summation of Valencia oranges and Other than Valencia oranges.

Total acres, bearing age acres, and nonbearing age acres were collected by category.

Oranges, other than Valencia – include Navel. This includes all oranges other than Valencia type. In 2012 this item was referred to as Other oranges. This is a wording change only; data are comparable.

Organic agriculture. Respondents were instructed to indicate if they had organic production according to USDA's National Organic Program (NOP). Respondents reported whether their organic production was certified or exempt from certification and the sales from NOP produced commodities. They also reported whether they had acres transitioning into NOP production and the value of sales of USDA NOP certified or exempt organically produced commodities. Also see Total organic product sales.

Organic fertilizer used. This is a new item for 2017. These are the acres of cropland or pastureland on which approved organic fertilizers were applied.

Organic value of sales. See Total organic product sales.

Ornamental fish. This category includes various fish raised for water gardens, aquariums, etc. Examples include angel fish, guppies, koi, ornamental goldfish, and tropical fish. The value of sales was tabulated for each specified species.

Other animals and other animal products sold. This category includes number of farms and value of sales for all animals and animal products not listed elsewhere on that specific table.

Other aquaculture products. This category includes aquaculture not listed separately. Examples include the production of alligators, frogs, leeches, eels, live rock, salamanders, and turtles.

Other berries. This includes other berry varieties that were not pre-printed in the report form. In 2012 this category included Aronia berries and Elderberries which are reported separately in 2017. Data are not directly comparable.

Other cattle. Data include heifers that had not calved, steers, calves, and bulls.

Other cattle, sheep, livestock, or poultry. See Commodities raised and delivered under production contract.

Other citrus. Data relate to any citrus crop not having a specific code on the report form.

Other cropland. This includes all cropland other than harvested cropland or other pasture and grazing land that could have been used for crops without additional improvements. It includes cropland idle or used for cover crops or soil improvement, cropland on which all crops failed or were abandoned, and cropland in summer fallow.

Other crops. In Chapter 2, table 27, Other crops data relate to any field crops that did not have a specific code in the field crops section of the report form.

Other crops and hay. Data are for the total market value of all crops not categorized into one of the prelisted crop sales categories on the report form. This category includes crops such as grass seed, hay and grass silage, haylage, greenchop, hops, maple syrup, mint for oil, peanuts, sugarcane, sugarbeets, etc.

Other dry hay. See Hay, other dry.

Other farm related income sources. See Total income from farm-related sources.

Other field and grass seed crops. Data relate to any field or grass seed crop not having a specified code on the report form.

Other floriculture and bedding crops. Data relate to any floriculture and bedding crops not having a specific code on the report form.

Other food fish. Data are for fish, other than catfish and trout, raised on farms primarily for food. Examples include hybrid striped bass, perch, salmon, sturgeon, and tilapia.

Other greenhouse vegetables and fresh cut herbs. This category includes vegetable crops, other than tomatoes, that were grown under protection and fresh cut herbs grown under protection.

Other land. This category includes land in house lots, barn lots, ponds, roads, ditches, wasteland, etc. It

includes those acres in the farm operation not classified as cropland, pastureland, or woodland. See Land in farms.

Other livestock. This category includes all livestock not having specific codes on the 2017 report form. In addition, package bees; bees, other than honey or package bees; laboratory animals; and worms are included. See Other animals and other animal products sold.

Other livestock and poultry purchased or leased. See Total farm production expenses.

Other livestock products. Data for this category include the number of farms that sold livestock products that did not have a specific code on the 2017 report form. In addition beeswax, breeding fees, embryos, fur or pelts, horns, manure sold, and semen are included in this category. In 2012 equine products were included but in 2017 they were reported separately. Data are for farms with production, not necessarily sold. The data are not directly comparable.

Other noncitrus fruit. Data relate to any noncitrus fruit not having a specific code on the census report form. Cherimoyas were included in this category prior to 2017 and are now published as an individual item.

Other nuts. This category includes any nut crop not having a specific code on the report form.

Other pasture and grazing land that could have been used for crops without additional improvements. This category includes land used only for pasture or grazing that could have been used for crops without additional improvement. Also included are acres of crops grazed by livestock, but not harvested prior to grazing. However, cropland that was pastured before or after crops were harvested in 2017 was included as harvested cropland rather than cropland for pasture or grazing.

Other poultry. Data are for other poultry not having a specific code on the report form.

Other spring wheat for grain. In 2012 other spring wheat for grain was sometimes referred to as spring wheat for grain. In 2017, spring wheat is consistently referred to as other spring wheat for grain. See also

Wheat for grain.

Other vegetables. Data shown for other vegetables relate to any vegetable not having a specific code on the census form.

Patronage dividends. See Total income from farm-related sources.

Payments received by the contractee for commodities produced under production contract. These data show the number of farms and the dollar amount the contractees received from contractors for commodities produced under contract. This is not the market value of the commodities delivered, but the payment or fee the producers received for commodities delivered.

Peaches, all. In 2017 data were collected as Peaches, clingstone and Peaches, freestone in all States except Hawaii, which only collected Peaches, all. In 2012 and previous censuses, data for all peaches were collected as a category in all States except for California and Arizona. Peach data in California and Arizona were collected separately for clingstone and freestone peaches. The data were later combined as Peaches, all for publication. Data for clingstone and freestone are found in the California and Arizona publications only.

Peacocks and peahens. Peacocks and peahens were reported as other poultry.

Pears, all. In 2017 data were collected as Pears, Bartlett and Pears, other than Bartlett in all States except Hawaii, which only collected Pears, all. In 2012 and previous censuses, data for all pears were collected as a category in all States except for California, Arizona, Idaho, Oregon, Alaska, and Washington. These States collected data separately for Bartlett pears and Other pears which were later combined into the Pear, all category.

Peas, green. Excludes all dry peas which were collected in the field crop section. Also excluded are Chinese peas and southern peas which were reported separately. In 2012 this item was labeled Peas, green (excluding southern). This is a wording change only; data are comparable.

Peas, southern (cowpeas) – blackeyed, crowder, etc. Excludes dry peas which were collected in the field crop section. In 2012 this item was referred to as Peas, green southern (cowpeas). This is a wording change only; data are comparable.

Pecans, all. All pecans is a summation of Pecans, improved and Pecans, native and seedling. Total acres, bearing acres, and nonbearing acres were collected by category.

Pecans, improved. Improved pecans are varieties that have been genetically altered through breeding and grafting techniques to produce more nuts, and nuts with a greater percentage of nut meat. See Pecans, all.

Pecans, native and seedlings. Native pecans are varieties that developed under natural conditions. Seedling pecans are produced from seed (the nut) and have not been budded or grafted. See Pecans, all.

Peppers, Bell (excluding pimientos). Pimientos were reported as Other vegetables.

Peppers, other than Bell (including chile). The data include all other peppers including chile. Pimientos were reported as Other vegetables.

Permanent pasture and rangeland, other than cropland and woodland pastured. This land use category encompasses grazable land that does not qualify as woodland pasture or cropland pasture. It may be irrigated or dry land. In some areas, it can be a high quality pasture that could not be cropped without improvements. In other areas, it is barely able to be grazed and is only marginally better than wasteland.

Pineapples. In 2017 pineapples were included in the noncitrus fruit section. Data for 2012 and previous censuses were included in the field crop section.

Plumcots, pluots, and other plum-apricot hybrids. This category includes everything that is not a plum or prune. Pluot is a registered trademark of plumcots, which are genetic crosses between plums and apricots.

Plums. In 2017 plums are published as a separate item. In 2012 plums were reported as an individual

item only in California and Arizona. All other States reported plums in a combined plum and prune category.

Potatoes. Potato acres are included in the vegetable acres. Data are for total acres harvested, acres harvested for fresh market, and acres harvested for processing. Production was not collected.

Poultry hatched. This category includes all poultry hatched on the operation during the year. The number of poultry hatched is published under the sales heading.

Poultry, other. See Other poultry.

Primary occupation of producer. Data on primary occupation were obtained from up to four producers per farm. The primary occupation classifications used were:

1. *Farm or ranch work.* The producer spent 50 percent or more of his/her worktime during 2017 farming or ranching.
2. *Other.* The producer spent less than 50 percent of his/her worktime during 2017 farming or ranching.

Producer. The term producer designates a person who is involved in making decisions for the farm operation. Decisions may include decisions about such things as planting, harvesting, livestock management, and marketing. The producer may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the producer only of the land which is retained for his/her own operation. The census collected information on the total number of male producers, the total number of female producers, and demographic information for up to four producers per farm.

Producer characteristics. Producers (up to four producers per farm) were asked to report primary occupation, sex, age, race, if they were of Hispanic, Latino or Spanish origin, place of residence, if retired from farming, number of days worked off farm, year in which his/her operation of the farm began, year began operating any farm, if they were a hired

manager, if they had military service, and the number of persons living in the their households. In addition the total number of male and female producers was collected from each operation.

Producer, primary. One primary producer is designated for each farm. A primary producer is a principal producer (comparable to 2012 principal operator). If multiple principal producers were reported on a farm, a primary producer was chosen by designating the person who made the most decisions for the farm. If equal decisions were made, the primary producer was the person who worked off the farm the least. If multiple principal producers worked the least off the farm, a random choice was made as to which producer was the single designated primary producer.

Producers, all non-principal. Demographic data were collected for up to four producers per farm. Each producer was asked if they were a principal operator or senior partner. A non-principal producer is a producer who did not indicate they were a principal operator. There may be no non-principal producers on a farm.

Producers, all principal. Demographic data were collected for up to four producers per farm. Each producer was asked if they were a principal operator or senior partner. A principal producer is a producer who indicated they were a principal operator. There may be multiple principal producers on a farm. Each farm has at least one principal producer.

Producers, number. Demographic and other information were collected for up to four producers per farm. This may be fewer than the total number of producers on some farms.

Producers of Hispanic, Latino or Spanish origin. This category is relabeled from 2012.

Producers with military service. This category is new for 2017. A producer with military service is a person who currently or previously served on active duty in the U. S. Armed Forces.

Production contracts. See Commodities raised and delivered under production contracts.

Production expenses. See Total farm production

expenses.

Prunes. In 2017 prunes are published as a separate item. In 2012 and prior years, prunes were reported as an individual item only in California and Arizona. All other States reported prunes in a combined plum and prune category.

Pullets for laying flock replacement. Data are for pullet inventory and the number sold or moved for laying flock replacement.

Rabbits, live. The data are for inventory and sales of live rabbits. The number of rabbit pelts is included in Other livestock products.

Race of producer. With the exception of Hawaii, data were collected for American Indian and Alaska Native, Asian, Black or African American, Native Hawaiian and Other Pacific Islander, and White producers. Respondents were asked to mark one or more of the race categories. In Hawaii producer race data were collected for American Indian (included Alaska Native), Chinese, Filipino, Japanese, Korean, Other Asian, Black or African American, Native Hawaiian, other Pacific Islander, and White. The combination of Native Hawaiian and Other Pacific Islander is equivalent to the Native Hawaiian or Other Pacific Islander category on the other forms. The combination of the Chinese, Filipino, Japanese, Korean, and Other Asian categories is equivalent to the Asian category on the other forms. The Volume 1, Geographic Area Series, U.S. Summary publication only displays counts for the categories of Native Hawaiian and Other Pacific Islander and Asian. Data for the 11 Hawaii race categories are published in chapter 2 of the Hawaii publication of the Volume 1 series.

Raspberries, all. In 2017 data for raspberries were reported as black raspberries, red raspberries, and other raspberries (includes all other raspberries not listed on the report form) for all States except Hawaii. In 2012 and previous censuses, raspberries were reported as All raspberries except in Alaska, Idaho, Oregon, and Washington where data were reported separately for black and red raspberries. In these States, black raspberries and red raspberries data were combined and published as Raspberries, all for comparability with other States.

Renewable energy producing systems. These types of systems produce power, heat, or mechanical energy by converting resources either to electricity or to motor power.

Biodiesel production systems. Data are for production of non-petroleum based diesel fuel made from vegetable oil or animal fats. Biodiesel can be used alone or blended with conventional petroleum-based diesel fuel.

Ethanol production systems. A fuel produced by converting crops such as corn and sugarcane, biomass crops, or wood. This fuel is generally blended with gasoline. Production of ethanol for fuel requires a permit from the Bureau of Alcohol, Tobacco, and Firearms (ATF). Only ethanol production for fuel was reported.

Geothermal/geoexchange system. A system that uses temperatures from the earth to reduce the operational costs of heating and cooling.

Methane digesters. It is a device which captures biogas resulting from the decomposition of manure, processing by-products, and other materials. Harvested biogas is used as a substitute for natural gas to power engines which generate electricity. It is fed into the natural gas pipeline or flared. Methane digesters were reported only if in production and used in 2017.

Small hydro system. A water driven system, which produces electricity, by the gravitational force of falling or flowing water. It excludes water driven systems that only provide mechanical power, such as turning a grinding stone for a flour mill.

Solar panels. A flat panel designed to capture the sun's energy. Includes photovoltaic systems, which convert light from the sun into electricity, and thermal systems that passively generate electricity.

Wind turbines. A device which converts wind power into electricity. Includes wind generators, wind power units, wind energy converters, and aero generators. Excludes windmills, which do not produce electricity.

Rental of farmland. See Total income from farm-related sources, Gross cash rent or share payments.

Sales, total. See Market value of agricultural products sold.

Sex of producers. This item pertains only to four producers from whom detailed demographic data were collected. Total male and female producer counts may be larger.

Sheep and lambs inventory. Data are for sheep and lambs of all ages owned regardless of location. Sheep and lambs were collected in their own section to clarify to respondents when to report "owned" sheep and lambs versus any sheep and lambs on the operation. Prior to 2017 in the Eastern States, data were collected for sheep and lambs regardless of ownership.

Short rotation woody crops. Data are for short rotation woody crops that grow from seed to a mature tree in 10 years or less. These are trees for use by the paper or pulp industry or as engineered wood. This does not include lumber. Acres in production were included in Cropland harvested in the Land use section of the report form.

Size of farm. See Farms by size.

Small hydro system. See Renewable energy producing systems.

Solar panel. See Renewable energy producing systems.

Sport or game fish. Data are for sport or game fish raised on farms to be used primarily for sport. Examples include bluegill, crappie, largemouth bass, smallmouth bass, sunfish, muskie, northern pike, and walleye.

Squash, all. All squash is a summation of summer squash and winter squash. Total acres, acres for fresh market, and acres for processing were collected by category.

Summer fallow. In 2012 this category was labeled Cultivated summer fallow. This is a wording change only; data are comparable.

Sweet potatoes. Sweet potato acres are included in the vegetable acres. Data are for total acres harvested, acres harvested for fresh market, and acres harvested

for processing. Production was not collected.

Tangerines. In 2017 data include Temples. In 2012 data for Temples were published separately. Data are not directly comparable.

Taro. A tropical plant grown primarily for its edible corms or root. Beginning in 2017 data were reported in the vegetable section. In 2012 and previous censuses, data for taro root were reported in the field crop section.

Tenure. See Farms by tenure of producer.

Tobacco transplants. Data are for tobacco transplants that were sold for transplant to farm fields. Transplants grown for transplanting to the same operation were not reported or removed during data review.

Tomatoes in the open. Data are for tomatoes grown in the open and excludes tomatoes produced under glass or other protection.

Total cropland. This category includes cropland harvested, other pasture and grazing land that could have been used for crops without additional improvements, cropland on which all crops failed or were abandoned, cropland in summer fallow, and cropland idle or used for cover crops or soil improvement but not harvested and not pastured or grazed.

Total farm production expenses. Includes the production expenses provided by the producers, partners, landlords (excluding property taxes), and production contractors for the farm business in 2017. Tenant farmers reported expenses paid by landlords for the agricultural production on the operation, as well as their expenses. Farm or ranch producers who rented part of their land to others reported only the expenses for the land they actually used themselves and not expenses for land rented to others. The 2017 total farm production expenditure includes all farm-related expenses such as customwork, fuel costs, cost of cutting timber, services provided to hunters, cooperative membership fees, etc. However, if the income from these farm-related categories was not considered a part of the operation (i.e., if the income was regarded as derived from a separate business), then the associated expenses were not included. The

contractor's portion of expenses was solely based on computer generated estimates for 2017.

This item excludes expenses relating to non-farm activities such as trading and speculation in the commodities market or livestock trading activities. Explanations of selected production expenses are listed below.

All other production expenses. This category is not comparable with 2012 data. In 2012 this category included *Medical supplies, veterinary, and custom services for livestock* but in 2017 this item was reported separately. All other production expenses include all expenses not listed on the report form. Examples include storage and warehousing, marketing and ginning expenses, insurance, etc. Health insurance premiums and payroll taxes are reported in hired labor expenses.

Breeding livestock purchased or leased. These expenses include all breeding livestock and poultry purchased or leased during 2017 for production on the farm or ranch. The total includes amount spent for beef and dairy cows, heifers, bulls, sows, gilts, boars, rams, lambs, ewes, roosters, hens, layers, etc. Estimations of the value of livestock or poultry fed on a custom basis were to be made based on their value when they arrived on the farm or ranch.

Cash rent paid in 2017 for land and buildings. These data include the cost of renting land and buildings that were part of the operation. Rent paid for the producer's dwelling or other non-farm property and the value of the shares of crops and livestock paid to landlords were excluded.

Chemicals. These 2017 expenses include insecticides, herbicides, fungicides, and other pesticides, including costs of custom application. Data exclude commercial fertilizer purchased.

Contract labor. These data include payments made to contractors, crew leaders, cooperatives, or any other organization hired to furnish a crew of laborers to do a job that may involve one or more agricultural operations. In some cases, a crew leader may furnish some equipment. Data exclude expenses made on a contractual basis for repair or maintenance or for capital improvements, such as construction of farm buildings, installation of fences or irrigation systems,

and land leveling.

Cover crop seed purchased. This is a new category item in 2017. This expense category is a subset of total Seeds, plants, vines, and trees expense. It includes the cost of all seeds, bulbs, plants, propagation materials, trees, seed treatments, seed cleaning costs, etc. for cover crops purchased during 2017.

Customwork and custom hauling. These expenses include costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. Some examples of customwork are planting, spraying, harvesting, preparation of products for marketing, grinding and mixing feed, corn picking, grain drying, and silo filling. The cost of custom application of fertilizer and chemicals is included in expenditures for fertilizer and chemicals in 2017, just as it was in the 2012 census. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense.

Feed purchased. These expenses include the cost of all feed purchased for livestock and poultry including grain, hay, silage, mixed feeds, concentrates, etc. during 2017.

Fertilizer, lime, and soil conditioners. These 2017 expenses include fertilizer, lime, rock phosphate, and gypsum and the costs of custom application.

Gasolines, fuels, and oils. These expenses include the cost of all gasoline, diesel, natural gas, LP gas, motor oil, and grease products for the farm during 2017. Expenses exclude fuel for personal use of automobiles by the family and others, fuel used for cooking and heating the farmhouse, and any other use outside of farmwork on the operation.

Hired farm labor. These 2017 expenses include the total amount paid for farm or ranch labor including regular workers, part-time workers, and members of the producer's family if they received payments for labor. Expenses include Social Security taxes, State taxes, unemployment tax, payment for sick leave or vacation pay, workman's compensation, insurance premiums, and pension plans.

Interest paid on debts. These expenses include interest and finance charges paid in 2017 for debts secured by real estate and on debt not secured by real estate. Interest expenses excluded from this category are non-farm interest expenses and interest expenses originating from machinery and equipment used for a separate customwork business or for other operations. Interest expense for the producer's dwelling, where the amount is separate from interest on farm land and buildings on the operation, is excluded. Interest paid on debts was reported in one of two categories:

1. *Secured by real estate.* These data include all interest expenses paid in 2017 on debts secured by real estate for the farm.
2. *Not secured by real estate.* These data include all interest expenses paid in 2017 on debts secured by machinery, tractors, trucks, other equipment, livestock, poultry, breeding stock, money borrowed for use as working capital, and interest paid on CCC loans for the farm.

Livestock and poultry purchased or leased. These data include Breeding livestock purchased or leased and Other livestock and poultry purchased or leased.

Medical supplies, veterinary, and custom services for livestock. This expense category is a new category in 2017. These expense were included in All Other production expenses in 2012.

Other livestock and poultry purchased or leased. These expenses include all non-breeding livestock and poultry purchased or leased during 2017 for production on the farm or ranch. The total includes amounts spent for cattle, calves, hogs, pigs, sheep, hatchery eggs, etc.

Property taxes paid. These data include property taxes paid by the producers for the farm share of land, machinery, buildings, and livestock, excluding taxes paid by this producer's landlords.

Rent and lease expenses for machinery, equipment, and farm share of vehicles. These data include the farm share cost of renting or leasing machinery, equipment, and vehicles during 2017. Rental and lease expenses of items used only for custom hire are excluded here.

Repairs, supplies, and maintenance. These expenses include all costs for the repair and upkeep of buildings, motor vehicles, fences, and farm equipment used for the farm business during 2017. Repairs to equipment used both for the farm business and for performing customwork are included.

Seeds, plants, vines, and trees. These expenses include the cost of all seeds, bulbs, plants, propagation materials, trees, seed treatments, seed cleaning costs, etc. purchased during 2017. Excluded were items purchased for immediate resale or the value of seed grown on the operation.

Utilities. These data show the farm share cost of electricity, telephone charges, internet fees, and water purchased in 2017. Included in the water cost is water purchased for irrigation purposes, livestock watering, etc. Household utility costs were excluded from these items.

Total female producers. See Number of female producers.

Total greenhouse vegetables and fresh cut herbs. This category includes greenhouse tomatoes and other greenhouse vegetables and fresh cut herbs.

Total horses and ponies. See Horses and ponies value of sales.

Total income from farm-related sources. This includes gross income from farm-related sources received in 2017 before taxes and expenses from the sales of farm byproducts and other sales and services closely related to the principal functions of the farm business. The data exclude income from employment or business activities, which were separate from the farm business.

Agri-tourism and recreational services. This income includes income from recreational services such as hunting, fishing, farm or wine tours, hay rides, etc.

Amount from State and local government agricultural program payments. This income includes State and local government agricultural program payments. Respondents were to exclude the State and local portion of Conservation Reserve Enhancement Program (CREP) payments if they were reported in the amount received for participation in CREP in

section 5, item 2 of the report form.

Crop and livestock insurance payments received. This income includes insurance payments from crop and livestock losses.

Customwork and other agricultural services. This income includes gross receipts received by the farm producers for providing services for others such as planting, plowing, spraying, and harvesting. Income from customwork and other agricultural services is generally included in the agriculture census if it is closely related to the farming operation. However, it is excluded if it constituted a separate business or was conducted from another location.

Gross cash rent or share payments. This income includes gross cash or share payments received from renting out farmland, payments received from the lease or sale of allotments, and payments received for livestock pastured on a per-head, per month, or per pound basis. It excludes rental income from nonfarm property.

Other farm-related income sources. This is other income which is closely related to the agricultural operation. This income includes animal boarding, breeding fees (horse breeding or stud fees received were reported in the Value of Sales section in the Other animals and other animal products category), tobacco quota buyouts, State fuel tax refunds, farm generated energy, etc. Crop and livestock insurance payments received and amount from State and local government agricultural program payments were published separately.

Patronage dividends and refunds from cooperatives. This income includes payments to a farmer or rancher for business done with a cooperative to which he/she usually belongs. The payment is usually for goods sold through the co-op.

Sales of forest products. This income includes gross receipts from sales of standing timber, pulpwood, firewood, etc. from the farm or ranch operation. It excludes income from nonfarm timber tracts, sawmill businesses, cultivated Christmas trees, maple products, and short rotation woody crops.

Total market value of agricultural products sold and government payments. This category represents

the value of products sold plus government payments. Total value of products sold combines total sales not under production contract and total sales under production contract. Government payments consist of government payments received from the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP) plus government payments received from Federal, State, and local programs other than the CRP, WRP, FWP, and CREP, and Commodity Credit Corporation loans.

Total male producers. See Number of male producers.

Total organic product sales. The data represent the value of organically produced agricultural commodities sold from operations during 2017. It includes only the value of those products that were produced as organic according to the National Organic Standards and sold by certified or exempt from certification farm operations.

Total payments received. See Commodities raised and delivered under production contracts.

Total producers. See Number of producers.

Total sales. See Market value of agricultural products sold.

Turkeys. Turkey data are a combination of turkeys for meat production, turkey hens and toms kept for breeding, and turkey brooders tabulated from three questions. Turkey brooders are immature birds sent to another farm for further growout to meat production or breeding. This may result in a turkey being sold more than once from different operations.

Type of organization. See Farms by type of organization.

Unpaid workers. Data include agricultural workers not on the payroll who performed activities or work on a farm or ranch.

Utilities. See Total farm production expenses.

Value of commodities. Data show the number of farms and the market value of all commodities

delivered under a production contract.

Value of food sold directly to consumers. Data represent the value of edible products, including value added products, produced and sold for human consumption directly to consumers at farmers markets, on-farm stores or farm stands, roadside stands or stores, u-pick, CSA (Community Supported Agriculture), online marketplaces, etc. In 2012 this item was labeled Value of food sold directly to individuals for human consumption. Data are not directly comparable to 2012. In 2012 Value of food sold directly to individuals for human consumption excluded value added sales.

Value of food sold directly to retail markets, institutions, and food hubs for local or regionally branded products. This item is new for 2017. Data represent the value of products, including value added products, produced and sold for human consumption directly to retail markets, institutions, or food hubs for locally or regionally branded products. Examples include supermarkets, restaurants, caterers, independently owned grocery stores, food cooperatives, K-12 schools, colleges or universities, hospitals, workplace cafeterias, prisons, food banks, etc.

Value of landlord's share of total sales. Data include the value of agricultural sales received by the landlords.

Value of organically produced commodities. See Total organic product sales.

Value of processed or value-added agricultural products sold. This is a new item for 2017. Data represent the value of products that originated from crop or livestock commodities produced on the operation. Through further manufacture or processing, these items are transformed into products worth more than the originally produced commodity.

Value of sales. See Market value of agricultural products sold.

Vegetable transplants. Data are for vegetable transplants grown and sold from the operation for transplanting to fields on another operation.

Vegetables harvested for fresh market. Respondents reported the total vegetable acres harvested, harvested for fresh market, and harvested for processing.

Vegetables harvested for sale. The acres of vegetables harvested is the summation of the acres of individual vegetables harvested. All of the individual vegetable items may not be shown. When more than one vegetable crop was harvested from the same acreage, acres were counted for each crop.

Vegetables, melons, and potatoes. See Commodities raised and delivered under production contracts.

Vegetables, other. See Other vegetables.

Wheat for grain. Data were reported by type of wheat - Durum, winter, and other spring.

Wind turbines. See Renewable energy producing systems.

Woodland pastured. This category includes all woodland used for pasture or grazing during the census year. Woodland or forest land pastured under a per-head grazing permit was not counted as land in farms and, therefore, was not included in woodland pastured.

Woodland, total. This category includes natural or

planted woodlots or timber tracts, cutover and deforested land with young growth which has or will have value for wood products, and woodland pastured. Land covered by sagebrush or mesquite was reported as Permanent pasture and rangeland or Other land. Land planted for Christmas tree production and short rotation woody crops was reported in Cropland harvested, and land in tapped maple trees was reported as Woodland not pastured.

Write-in crops. The respondent was asked to look at a list of crops in each section of the report form and write in the crop name and its code for all commodities produced. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code of the appropriate “all other” category for that section. Write-in crops coded as “all other” were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate “all other” category.

Years operating any farm. This number is based on the year each producer began operating any farm operation. The published categories have changed since the 2012 census.

Young producers. A young producer is defined as a producer 35 years of age or younger.

UNITED STATES 2017 CENSUS OF AGRICULTURE

Form Number: 17-A100
(12/13/2016)



National Agricultural
Statistics Service

Return your
completed report to:
Census of Agriculture
1201 East 10th Street
Jeffersonville, IN 47132

OFFICE USE ONLY

17-A100

0013		
0011	0012	
0014	0015	0016
0021	0022	0023

Make corrections to name, address, and ZIP code if necessary.

Complete your report by mail or via the internet at www.agcounts.usda.gov.

- **Your report is due by February 5, 2018.**
- To fill out the paper form, use a black or blue ballpoint pen.
- **Duplicate forms?** If you received extra Census report forms for the SAME farming operation, return all report forms in the same envelope with this completed report.

Print the information below for the person completing this form:

Name
1092

Area Code and Phone Number
1093 - -

Date Completed (MM-DD-YYYY)
1094 - -

E-mail
1095

THANK YOU FOR YOUR COOPERATION.
Questions? Call us toll free at 1-888-424-7828.
¿Preguntas? Llámenos libre de cargos al 1-888-424-7828.

The information you provide will be used for statistical purposes only. Your responses will be kept confidential and any person who willfully discloses ANY identifiable information about you or your operation is subject to a jail term, a fine, or both. This survey is conducted in accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347 and other applicable Federal laws. For more information on how we protect your information please visit: www.nass.usda.gov/confidentiality. Response to this survey is required by law under Title 7 USC 2204(g) Public Law 105-113.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB number is 0535-0226. The time required to complete this information collection is estimated to average 50 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

17100017

SECTION 1 ACREAGE IN 2017

Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization named on the front of this form. Include ALL LAND, REGARDLESS OF LOCATION OR USE - cropland, Conservation Reserve Program (CRP) and Wetlands Reserve Program (WRP) land, pastureland, rangeland, woodland, idle land, farmsteads, etc.

1. Number of acres OWNED..... 0043 Mark "X" if None **BOX A**

2. Total number of acres RENTED or LEASED FROM OTHERS

<p><u>INCLUDE</u></p> <ul style="list-style-type: none"> • land worked by you on shares • land used rent free in exchange for services, payment of taxes, etc. • Federal, State, and railroad land leased on a per acre basis • land rented or leased by you for cash 	<p><u>EXCLUDE</u></p> <ul style="list-style-type: none"> • land used on a fee per-head or animal unit month (AUM) basis..... 0044 	<input type="checkbox"/>	BOX B
---	--	--------------------------	--------------

3. Number of acres RENTED or LEASED TO OTHERS

<p><u>INCLUDE LAND</u></p> <ul style="list-style-type: none"> • worked on shares by others • subleased • rented or leased to others for cash • used rent free in exchange for services, payment of taxes, etc. 	<p><u>EXCLUDE acres enrolled in:</u></p> <ul style="list-style-type: none"> • Conservation Reserve Program (CRP) • Wetlands Reserve Program (WRP) • Farmable Wetlands Program (FWP) • Conservation Reserve Enhancement Program (CREP) • acres rented or leased to others part of the year..... 0045 	<input type="checkbox"/>	BOX C
--	--	--------------------------	--------------

a. How many acres rented or leased to others (Box C above) did this operation own?..... 0053 Mark "X" if None **Number of Acres**

4. Enter the figures from the boxes above to determine your total acres operated:

BOX A	+	BOX B	-	BOX C	=	BOX D

0046

5. Does the figure in **Box D** = 0?

Yes - Refer to the instruction sheet to complete this form

No - Continue

6. Did this operation pay on a fee per-head or animal unit month (AUM) basis to use any land?

0040 1 **Yes** - Continue 3 **No** - Go to item 7

Don't Know 0041 **Number of Acres**

a. If yes, how many acres?..... 1160 0041

b. DO NOT include these acres in the boxes above. If you did, **GO BACK** and **EXCLUDE** them from the boxes above and recalculate BOX D.

7. Considering the total acres in Box D above, in what county was the largest value of this operation's agricultural products raised or produced?

<p>0055 Principal County Name</p> <div style="border: 1px solid black; height: 20px;"></div>	<p>0060 State</p> <div style="border: 1px solid black; height: 20px;"></div>	<p>0056 Number of Acres</p> <div style="border: 1px solid black; height: 20px;"></div>
---	---	---

a. If this operation had agricultural activity in any **other** county, enter the county name(s), etc.

<p>3026 Other County Name(s)</p> <div style="border: 1px solid black; height: 20px;"></div>	<p>3031 State</p> <div style="border: 1px solid black; height: 20px;"></div>	<p>0057 Number of Acres</p> <div style="border: 1px solid black; height: 20px;"></div>
<p>3027</p> <div style="border: 1px solid black; height: 20px;"></div>	<p>3032</p> <div style="border: 1px solid black; height: 20px;"></div>	<p>0058</p> <div style="border: 1px solid black; height: 20px;"></div>
<p>3028</p> <div style="border: 1px solid black; height: 20px;"></div>	<p>3033</p> <div style="border: 1px solid black; height: 20px;"></div>	<p>0059</p> <div style="border: 1px solid black; height: 20px;"></div>

17100025

SECTION 2 LAND USE IN 2017

Report how the acres in Box D on the previous page were used.

- For acres used for more than one purpose, report them in the first item that applies.
- Report each acre only once on this page.
- Report acres in CRP, WRP, FWP, and CREP in the most appropriate land use below.

1. Cropland

a. Cropland harvested

INCLUDE

- land from which field crops were harvested or hay was cut
- land used for vegetables
- land used for nursery and greenhouses (rounded to the nearest acre)
- land used for orchards, vineyards, citrus groves, Christmas trees, short rotation woody crops, fruits, nuts, and berries (bearing and nonbearing) 0787

Mark "X" if None

Number of Acres

b. Cropland on which all crops failed or were abandoned – Exclude land in orchards and vineyards 0790

c. Cropland in summer fallow (cultivated cropland on which no crops or hay were harvested during the 2017 growing season). 0791

d. Cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed. 1062

2. Pasture

a. Permanent pasture and rangeland 0796

b. Woodland pastured. 0794

c. Other pasture and grazing land (including rotational pasture) that could have been used for crops without additional improvements. 0788

3. Woodland not pastured

INCLUDE

- woodlots
- timber tracts
- sugarbush 0795

4. All other land

INCLUDE

- farmsteads, home, and buildings
- livestock facilities
- ponds
- roads
- wasteland, etc. 0797

5. **TOTAL ACRES** - Add items 1-4 to determine your total acres operated 0798

BOX E

6. Does **Box E** above = **Box D** on the previous page?

Yes - Continue

No - Go back and correct your figures. These figures should be the same.

The acres in Box E will be referred to as “this operation” for the remainder of this form.

SECTION 3		LAND RENTED OR LEASED FROM OTHERS FOR CASH	
1. In 2017, did this operation rent or lease any cropland or pasture acres from others for cash ? Exclude land rented or leased on a share basis, per-head or AUM basis, free of charge, and rent that includes buildings, such as barns.			
3420	1 <input type="checkbox"/>	Yes - Complete this section	3 <input type="checkbox"/>
			No - Go to SECTION 4
2.	How many acres of non-irrigated cropland were rented or leased for cash? Include fruit, nut, berry, vineyard, nursery, and hay land	3421	<input type="checkbox"/>
3.	How many acres of irrigated cropland were rented or leased for cash? Include fruit, nut, berry, vineyard, nursery, and hay land	3424	<input type="checkbox"/>
4.	How many acres of permanent pasture, grazing, or grassland were rented or leased for cash? Exclude Federal, State, and other types of land rented or leased on an animal unit month (AUM) basis	3427	<input type="checkbox"/>

SECTION 4		LAND USE PRACTICES	
1. During 2017, considering the total acres on this operation, how many acres –		Mark "X" if None	Number of Acres
a.	Were drained by tile?	3450	<input type="checkbox"/>
b.	Were artificially drained by ditches?	3451	<input type="checkbox"/>
c.	Were under a conservation easement?.	3452	<input type="checkbox"/>
2. During 2017, considering the cropland acres on this operation, [on] how many acres –			
a.	Were no-till practices used?	3455	<input type="checkbox"/>
b.	Were reduced (conservation) tillage, excluding no-till, practices used?	3454	<input type="checkbox"/>
c.	Were intensive (conventional) tillage practices used?	3453	<input type="checkbox"/>
d.	Were planted to a cover crop? (Cover crops are planted primarily for managing soil fertility, soil quality, and controlling weeds, pests, and diseases.) Exclude CRP acres.	3456	<input type="checkbox"/>
3. During 2017, considering the acres irrigated by sprinklers, flooding, ditches or furrows, drip or trickle irrigation, etc. on this operation –			Irrigated Acres
a.	How many acres of harvested cropland were irrigated?	0680	<input type="checkbox"/>
b.	How many acres of pastureland, rangeland, abandoned cropland, and other land were irrigated?	0681	<input type="checkbox"/>
4.	How many acres on this operation were irrigated at least once in the past five years (2013-2017)?	5680	<input type="checkbox"/>

17100041

SECTION 5 CROP INSURANCE AND GOVERNMENT PROGRAMS

		Mark "X" if None	Number of Acres
1.	How many acres in this operation were covered under any crop insurance policy in 2017? 1067	<input type="checkbox"/>	
2.	How many acres in this operation were enrolled in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP) on September 30, 2017? 0683	<input type="checkbox"/>	
			Dollars
a.	What was the amount received in 2017 for participation in these programs? . 0685	<input type="checkbox"/>	\$ <input type="text"/> .00
3.	What was the amount received in 2017 for all other Federal agricultural program payments? Exclude any type of insurance payments received. 1422	<input type="checkbox"/>	\$ <input type="text"/> .00
4.	What was the amount received in 2017 from state and local government agricultural program payments? 1423	<input type="checkbox"/>	\$ <input type="text"/> .00
5.	What was the total amount received in 2017 from Commodity Credit Corporation (CCC) loans for all commodities? 1411	<input type="checkbox"/>	\$ <input type="text"/> .00
6.	What was the total amount spent in 2017 to repay CCC loans?. 1414	<input type="checkbox"/>	\$ <input type="text"/> .00
7.	Do you know that you have the right to appeal an adverse program decision to USDA's National Appeals Division? 1416	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	

SECTION 6 TYPE OF ORGANIZATION

1. In 2017, was more than 50 percent of this operation owned by an operator's household and/or extended family?
 Mark "yes" if more than 50 percent of the assets of this operation are owned by one of the operators, members of their household, and/or other persons related to them by blood, marriage, or adoption, including relatives not residing in his/her household. Consider only farm and ranch assets owned – not rented or leased – by this operation, and exclude the assets held by non-family landlords and contractors 1672

1 Yes 3 No


2. Was this operation organized as a Limited Liability Company (LLC) under State law? . . 1673

1 Yes 3 No

3. In 2017, what was this operation's legal status for tax purposes? Mark one answer only:
 1671


1 Family or individual operation – Exclude partnerships and corporations.

2 Partnership operation – Include family partnerships.

 • Is this partnership registered under state law? . . . 1567

1 Yes 3 No

3 Incorporated under state law –

 • Is this a family-held corporation? 1681

1 Yes 3 No

• Are there more than 10 stockholders? 1683

1 Yes 3 No

4 Other, such as estate or trust, prison farm, grazing association, American Indian Reservation, etc. Specify type. 1685

4. In 2017, how many households shared in the net farm income of this operation? 1608

Number

17100058

SECTION 7 PERSONAL CHARACTERISTICS

1. In 2017, how many men and women were involved in decisions for this operation (include family members and hired managers)? Exclude hired workers unless they were a hired manager or family member. 1571

Men	Women
1571	1574

2. Answer the following questions for up to four individuals who were involved in the decisions for this operation as of **December 31, 2017.**

	Person 1	Person 2	Person 3	Person 4
	1836	1852	1872	1873
a. Full name				
b. Is this person completing this form?	1610 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1611 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1612 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1613 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
c. Sex	1926 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female	1586 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female	1597 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female	1614 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female
d. What was this person's age on December 31, 2017?	1925 <input type="text"/> age	1585 <input type="text"/> age	1596 <input type="text"/> age	1615 <input type="text"/> age
e. Is this person of Hispanic, Latino, or Spanish origin?	1927 Hispanic, Latino, or Spanish origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1587 Hispanic, Latino, or Spanish origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1598 Hispanic, Latino, or Spanish origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1622 Hispanic, Latino, or Spanish origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
f. Race	<p>Mark one or more.</p> 2701 <input type="checkbox"/> White 2702 <input type="checkbox"/> Black or African American 2703 <input type="checkbox"/> American Indian or Alaska Native. Specify tribe ↓ 2733 <input type="text"/> 2705 <input type="checkbox"/> Asian 2704 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander	<p>Mark one or more.</p> 1801 <input type="checkbox"/> White 1802 <input type="checkbox"/> Black or African American 1803 <input type="checkbox"/> American Indian or Alaska Native. Specify tribe ↓ 1833 <input type="text"/> 1805 <input type="checkbox"/> Asian 1804 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander	<p>Mark one or more.</p> 1901 <input type="checkbox"/> White 1902 <input type="checkbox"/> Black or African American 1903 <input type="checkbox"/> American Indian or Alaska Native. Specify tribe ↓ 1933 <input type="text"/> 1905 <input type="checkbox"/> Asian 1904 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander	<p>Mark one or more.</p> 1616 <input type="checkbox"/> White 1617 <input type="checkbox"/> Black or African American 1618 <input type="checkbox"/> American Indian or Alaska Native. Specify tribe ↓ 1619 <input type="text"/> 1620 <input type="checkbox"/> Asian 1621 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander
g. At which occupation did this person spend the majority (50 percent or more) of his/her worktime in 2017?	1928 Mark one. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Work other than farming or ranching	1580 Mark one. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Work other than farming or ranching	1591 Mark one. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Work other than farming or ranching	1623 Mark one. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Work other than farming or ranching
h. Is this person retired from farming or ranching?	1924 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1582 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1593 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1624 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
i. How many days did this person work off the farm in 2017? Include days in which the person worked at least four hours per day in an off-farm job. Include work on someone else's farm for pay	1929 Mark one. 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more	1831 Mark one. 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more	1931 Mark one. 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more	1625 Mark one. 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more

17100066

SECTION 7 CONTINUED -

	Person 1, continued	Person 2, continued	Person 3, continued	Person 4, continued	
j. Did this person live on this operation at any time in 2017?	1923 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1581 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1592 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1626 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	
k. In what year did this person begin to operate any part of THIS operation?	1930 <input type="text"/>	1584 <input type="text"/>	1595 <input type="text"/>	1627 <input type="text"/>	
l. In what year did this person begin to operate ANY farm operation?	2834 <input type="text"/>	1851 <input type="text"/>	1871 <input type="text"/>	1628 <input type="text"/>	
m. Has this person ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard?	1633 Mark one. 1 <input type="checkbox"/> Never served in the military 2 <input type="checkbox"/> Only on active duty for training in the Reserves or National Guard 3 <input type="checkbox"/> Now on active duty 4 <input type="checkbox"/> On active duty in the past, but not now	1634 Mark one. 1 <input type="checkbox"/> Never served in the military 2 <input type="checkbox"/> Only on active duty for training in the Reserves or National Guard 3 <input type="checkbox"/> Now on active duty 4 <input type="checkbox"/> On active duty in the past, but not now	1635 Mark one. 1 <input type="checkbox"/> Never served in the military 2 <input type="checkbox"/> Only on active duty for training in the Reserves or National Guard 3 <input type="checkbox"/> Now on active duty 4 <input type="checkbox"/> On active duty in the past, but not now	1636 Mark one. 1 <input type="checkbox"/> Never served in the military 2 <input type="checkbox"/> Only on active duty for training in the Reserves or National Guard 3 <input type="checkbox"/> Now on active duty 4 <input type="checkbox"/> On active duty in the past, but not now	
	n. How many people lived in this person's household in 2017?	2577 <input type="text"/> number	1589 <input type="text"/> number	1600 <input type="text"/> number	1637 <input type="text"/> number
	o. Was this person hired and paid a salary or wages to manage this operation?	2576 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1588 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1599 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1641 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No

3. Was this person involved in these specific decisions as of **December 31, 2017**? For each person and for each item, **mark all that apply.**

	Person 1	Person 2	Person 3	Person 4
a. Day-to-day decisions	1642 1 <input type="checkbox"/>	1643 1 <input type="checkbox"/>	1644 1 <input type="checkbox"/>	1645 1 <input type="checkbox"/>
b. Land use and/or crop decisions, including planting, crop spraying, or other, e.g., grazing	1650 1 <input type="checkbox"/>	1651 1 <input type="checkbox"/>	1652 1 <input type="checkbox"/>	1653 1 <input type="checkbox"/>
c. Livestock decisions, including purchases, sales, breeding, and pasturing.	1654 1 <input type="checkbox"/>	1655 1 <input type="checkbox"/>	1656 1 <input type="checkbox"/>	1657 1 <input type="checkbox"/>
d. Record keeping and/or financial management.	1776 1 <input type="checkbox"/>	1777 1 <input type="checkbox"/>	1778 1 <input type="checkbox"/>	1779 1 <input type="checkbox"/>
e. Estate planning or succession planning.	1757 1 <input type="checkbox"/>	1758 1 <input type="checkbox"/>	1759 1 <input type="checkbox"/>	1760 1 <input type="checkbox"/>

	Person 1	Person 2	Person 3	Person 4
4. Is this person a Principal Operator or Senior Partner?	1765 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1766 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1767 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1768 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
5. Is this person the spouse of a Principal Operator or Senior Partner?	1769 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1590 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1601 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1773 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No

17100074

SECTION 8 HAY AND FORAGE CROPS

1. Were any hay or forage crops cut or harvested from this operation in 2017?

INCLUDE

• your landlord's share and crops grown under contract

EXCLUDE

• crops grown on land rented to others

1152 1 **Yes** - Complete this section 3 **No** - Go to SECTION 9

2. All land from which dry hay, haylage, grass silage, or greenchop was cut or forage was harvested in 2017. Exclude straw, corn silage, and sorghum silage. 1021

Mark "X" if None

Acres Harvested	Acres Irrigated

3. Report gross value of hay and forage sold from this operation in 2017. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts 1328

Mark "X" if None

Gross Value of Sales (Dollars)
\$.00

For items 4 through 7, when both dry hay and haylage were cut from the same acres, report acres for each type. If two or more cuttings were made from the same acres, report acres for that item only once, but report total quantity harvested from all cuttings.

	Mark "X" if None	Acres Harvested	Acres Irrigated	Total Tons Harvested		OR	Total Number of Bales	Average Weight per Bale	
				Tons, dry	Tons, green			Lbs., dry	Lbs., green
4. Alfalfa and alfalfa mixtures for dry hay. . . 0103	<input type="checkbox"/>					OR			
5. Haylage or greenchop from alfalfa or alfalfa mixtures 1070	<input type="checkbox"/>								
6. Other dry hay from barley, clover, fescue, lespedeza, oats, rye, timothy, wheat, wild, Bermuda grass, Sudangrass, etc. 4111	<input type="checkbox"/>					OR			
7. All other haylage, grass silage, and greenchop. 1073	<input type="checkbox"/>								

SECTION 9 CULTIVATED CHRISTMAS TREES, SHORT ROTATION WOODY CROPS, AND MAPLE SYRUP

1. Were any Christmas trees or woodland crops grown, harvested, or tapped on this operation in 2017?

INCLUDE

• your landlord's share and crops grown under contract

EXCLUDE

• crops grown on land rented to others

1153 1 **Yes** - Complete this section 3 **No** - Go to SECTION 10

For items 2 through 4, fill in the columns below for this operation in 2017.
 • Include the value of your landlord's share, marketing charges, taxes, hauling, etc.
 • Exclude from sales dollars for items produced under production contracts.

2. Cultivated Christmas trees - cut or to be cut. Exclude wild harvested trees. Report live trees sold in SECTION 11 . . . 1023

Mark "X" if None

Acres in Production	Number of Trees Cut	Acres Irrigated	Gross Value of Sales (Dollars)
			\$.00

3. Short rotation woody crops - trees with growth cycles of 10 years or less. Exclude nursery trees, evergreens for replanting, and timber. Report nursery stock in SECTION 11 1025

Acres in Production	Acres Harvested	Acres Irrigated	Gross Value of Sales (Dollars)
			\$.00

4. Maple syrup. 0800

Number of Taps	Syrup Produced	Gross Value of Sales (Dollars)
	Gallons	\$.00

17100082

SECTION 10 FIELD CROPS

1. Were any field crops, such as corn, soybeans, wheat, etc., harvested from this operation in 2017?

INCLUDE

- your landlord's share and crops grown under contract

EXCLUDE

- crops grown on land rented to others

1011 1 **Yes** - Complete this section 3 **No** - Go to SECTION 11

2. Acres from which field crops were harvested in 2017.

Report multiple cropped acreage only once 1780

Acres Harvested	Acres Irrigated

3. Fill in the columns below for all field crops harvested from this operation in 2017. Enter the crop name and code from the table below.

- Report production in the units specified next to the crop.
- Include the value of your landlord's share, marketing charges, taxes, hauling, etc.
- Exclude from sales dollars for items produced under production contracts.

Enter Field Crop Name	Enter Code	Acres Harvested	Total Production Harvested	Acres Irrigated	Gross Value of Sales (Dollars)
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00

If more space is needed, use a separate sheet of paper.

FIELD CROPS	CODE	FIELD CROPS	CODE	FIELD CROPS	CODE
Alfalfa seed (pounds)	542	Hops (pounds)	623	Sorghum for grain or seed - include milo (bushels)	082
Bahia grass seed (pounds)	551	Indian corn (pounds)	695	Sorghum for silage or greenchop - exclude sorghum-sudan crosses (tons) . .	085
Barley for grain or seed (bushels)	079	Jojoba (pounds)	626	Sorghum for syrup (gallons)	704
Beans, dry edible - exclude chickpeas and limas (hundredweight)	554	Kentucky bluegrass seed (pounds)	629	Soybeans for beans (bushels)	088
Bentgrass seed (pounds)	560	Lentils (hundredweight)	635	Sudangrass seed (pounds)	713
Bermuda grass seed (pounds)	563	Lespedeza seed (pounds)	638	Sugarbeets for seed (pounds)	716
Birdsfoot trefoil seed (pounds)	566	Lima beans, dry (hundredweight)	557	Sugarbeets for sugar (tons)	719
Bromegrass seed (pounds)	569	Mint, peppermint (pounds of oil)	047	Sugarcane for seed (tons)	725
Buckwheat (bushels)	575	Mint, spearmint (pounds of oil)	050	Sugarcane for sugar (tons)	722
Camelina (pounds)	608	Mint, tea leaves (pounds)	767	Sunflower seed, non-oil variety (pounds)	776
Canola, edible (pounds)	614	Miscanthus (tons)	641	Sunflower seed, oil variety (pounds)	773
Chickpeas, all (garbanzos) (hundredweight)	2816	Mustard seed (pounds)	650	Sweet corn for seed (pounds)	740
Clover, crimson clover seed (pounds)	593	Oats for grain or seed (bushels)	076	Switchgrass (tons)	647
Clover, white clover seed (pounds)	761	Orchardgrass seed (pounds)	653	Timothy seed (pounds)	746
Corn for grain or seed (bushels)	067	Peanuts for nuts (pounds)	656	Tobacco (pounds) - Report to the nearest tenth acre	094
Corn for silage or greenchop (tons)	070	Peas, Austrian winter peas (hundredweight)	548	Triticale for grain (bushels)	749
Cotton, Pima (bales) - include cottonseed in value of sales only	644	Peas, dry edible (hundredweight)	659	Vetch seed (pounds)	755
Cotton, Upland (bales) - include cottonseed in value of sales only	581	Peas, dry southern/cowpeas (bushels)	584	Wheat, durum for grain or seed (bushels)	578
Dill for oil (pounds)	596	Popcorn (pounds shelled)	662	Wheat, other spring for grain or seed (bushels)	728
Emmer and spelt (bushels)	599	Potatoes - report in SECTION 12		Wheat, winter for grain or seed (bushels)	572
Fescue seed (pounds)	602	Proso millet for grain or seed (bushels)	665	Wheatgrass seed (pounds)	758
Flaxseed (bushels)	605	Rapeseed (pounds)	668	Wild rice (hundredweight)	764
Guar (pounds)	617	Rice (hundredweight)	677	Other seeds, specify above (pounds)	770
Herbs, dried (pounds)	620	Rye for grain or seed - exclude ryegrass (bushels)	686	Other field crop, specify above (pounds) .	752
		Ryegrass seed (pounds)	689		
		Safflower (pounds)	692		
		Sesame (pounds)	701		

17100090

SECTION 11 NURSERY, GREENHOUSE, FLORICULTURE, SOD, MUSHROOMS, VEGETABLE SEEDS, AND PROPAGATIVE MATERIALS

1. Were any nursery, floriculture, or greenhouse crops, including ornamental plants, flowers, mushrooms, aquatic plants, sod, food and other crops grown under protection, vegetable seeds, flower seeds, or other propagative materials grown for sale on this operation in 2017? Report food crops temporarily covered for early germination, frost protection, etc. in SECTION 12 or 13.

INCLUDE

- crops produced, including under contract
- food crops grown in greenhouses, caves, and high tunnels where crops were always covered

EXCLUDE

- home garden, personal or home use crops
- finished plants purchased from others and resold

1032 1 **Yes** - Complete this section 3 **No** - Go to SECTION 12

2. Report total area and irrigated area on which nursery, greenhouse, floriculture, sod, mushrooms, and propagative materials were grown under glass or other protection in 2017 0474

Mark "X" if None

Square Feet Under Glass or Other Protection	
Total Area	Irrigated Area

3. Report total acres and irrigated acres on which nursery, greenhouse, floriculture, sod, mushrooms, and propagative materials were grown in the open in 2017. 0476

Acres in the Open			
Total Acres	Tenths	Irrigated Acres	Tenths

4. Fill in the columns below for all nursery, greenhouse, floriculture, sod, mushrooms, vegetable seeds, and propagative materials grown for sale on this operation in 2017. Enter the crop name and code from the table below.
 • Include the value of your landlord's share, marketing charges, taxes, hauling, etc.
 • Exclude from sales dollars for items produced under production contracts.

Enter Nursery, Greenhouse, Floriculture, Sod, Mushroom, Vegetable Seed, or Propagative Material Name	Enter Code	Square Feet Under Glass or Other Protection	Acres in the Open		Gross Value of Sales (Dollars)
			Acres	Tenths	
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00

If more space is needed, use a separate sheet of paper.

FLORICULTURE AND BEDDING CROPS	CODE	PROPAGATIVE MATERIALS SOLD	CODE
Bedding/Garden plants - annuals, herbaceous perennials, vegetable plants - Include hanging baskets	0479	Bulbs, corms, rhizomes, and tubers, dry.	0482
Cut flowers and cut florist greens	0485	Cuttings, seedlings, liners, plugs	1002
Foliage plants, indoor - Include hanging baskets	0707	Flower seeds	0882
Potted flowering plants	0710	Tobacco plants sold for transplant to farm fields	1004
Other floriculture and bedding, specify above.	1015	Vegetable seeds	0884
		Vegetable transplants to farm fields	1006
NURSERY CROPS	CODE	FOOD CROPS GROWN UNDER GLASS OR OTHER PROTECTION	CODE
Nursery stock – ornamentals, shrubs, shade trees, flowering trees, evergreens, live Christmas trees, fruit and nut trees and plants, vines, palms, ornamental grasses, and bareroot herbaceous perennials	0488	Tomatoes.	1019
Aquatic plants.	0880	Other vegetables and fresh cut herbs.	0503
SOD	CODE	Fruits and berries.	1008
Sod harvested.	0497	MUSHROOM CROPS	CODE
		Mushrooms - Report growing area and sales.	0494
		Mushroom spawn - Report sales only.	2495

17100108

SECTION 12 VEGETABLES, POTATOES, AND MELONS

1. Were any vegetables, potatoes, sweet corn, or melons harvested from this operation in 2017? Report crops grown under glass or other protection in SECTION 11.

INCLUDE

- crops grown under contract

EXCLUDE

- home garden, personal or home use crops

1101

1 **Yes** - Complete this section

3 **No** - Go to SECTION 13

2. Acres from which vegetables, potatoes, and melons were harvested in 2017. Report multiple cropped acreage only once. 0375

Acres Harvested		Acres Irrigated	
Acres	Tenths	Acres	Tenths

3. Report gross value of vegetables, potatoes, and melons sold from this operation in 2017. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts. 1388

Mark "X" if None

Gross Value of Sales (Dollars)	
\$	.00

4. Fill in the columns below for all vegetables, potatoes, and melons harvested from this operation in 2017. Enter the crop name and code from the table below.

- If more than one vegetable crop was harvested from the same acres, report acres for each crop.
- For two or more pickings of the same crop, report the area harvested only once.
- Processing refers to vegetables that have been altered by heat, pressure, or freezing.

Enter Vegetable, Potato, or Melon Name	Enter Code	Total Acres Harvested		Acres Harvested for Fresh Market		Acres Harvested for Processing	
		Acres	Tenths	Acres	Tenths	Acres	Tenths

If more space is needed, use a separate sheet of paper.

CROP NAME	CODE	CROP NAME	CODE	CROP NAME	CODE
Artichokes - exclude Jerusalem	0377	Garlic	0421	Peppers, other than bell - include chile	0445
Asparagus, bearing age	0418	Ginger root	0611	Potatoes	0097
Beans, lima	0429	Ginseng	0446	Pumpkins	0449
Beans, snap (bush and pole)	0381	Herbs, fresh cut	0455	Radishes	0451
Beets	0383	Honeydew melons	0423	Rhubarb	0453
Broccoli	0385	Horseradish	0424	Spinach	0457
Brussels sprouts	0387	Kale	0425	Squash, summer	0468
Cabbage, Chinese (nappa, bok choy, etc.)	0389	Lettuce, head	0428	Squash, winter	0470
Cabbage, head	0391	Lettuce, leaf	0430	Sweet corn	0461
Cabbage, mustard	0393	Lettuce, Romaine	0432	Sweet potatoes	0100
Cantaloupes and muskmelons	0395	Mustard greens	0431	Taro	0743
Carrots	0397	Okra	0437	Tomatoes in the open	0463
Cauliflower	0399	Onions, dry	0433	Turnip greens	0467
Celery	0401	Onions, green	0435	Turnips	0465
Chicory	0403	Parsley	0439	Watercress	0471
Collards	0407	Peas, Chinese (sugar, snow)	0405	Watermelons	0473
Cucumbers and pickles	0411	Peas, green	0441	Other vegetables, specify above	0475
Daikon	0413	Peas, southern (cowpeas) - blackeyed, crowder, etc	0409		
Eggplant	0415	Peppers, bell - exclude pimientos	0443		
Escarole and endive	0417				

17100116

SECTION 13 FRUIT, NUTS, AND BERRIES

1. Were any fruit or nut trees, including grapevines, or berries on this operation in 2017?

INCLUDE

- crops grown under contract

EXCLUDE

- abandoned acres
- home garden, personal or home use crops

1039 1 **Yes** - Complete this section

3 **No** - Go to SECTION 14

2. Acres and irrigated acres in bearing and nonbearing fruit orchards, vineyards, nut trees, and berries in 2017. 0121

FRUIT AND NUTS			
Total Acres		Irrigated Acres	
Acres	Tenths	Acres	Tenths

BERRIES			
Total Acres		Irrigated Acres	
Acres	Tenths	Acres	Tenths

3. Report gross value of fruits, nuts, and berries sold from this operation in 2017. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts. 1329

Mark "X" if None

FRUIT AND NUTS	
Gross Value of Sales (Dollars)	
\$	.00

Mark "X" if None

BERRIES	
Gross Value of Sales (Dollars)	
\$	.00

4. Fill in the columns below for all fruit, nut trees, and berries on this operation in 2017. Enter the crop name and code from the table below.
 • Include acres even if not harvested because of low prices, damage from hail, frost, etc.

Enter Fruit, Nut, or Berry Name	Enter Code	Total Acres		Bearing Age Acres		Nonbearing Age Acres	
		Acres	Tenths	Acres	Tenths	Acres	Tenths

If more space is needed, use a separate sheet of paper.

NON-CITRUS FRUIT	CODE	NON-CITRUS FRUIT	CODE	NUTS	CODE
Apples	0123	Plumcots, pluots, other		Hazelnuts (Filberts)	0327
Apricots	0129	plum/apricot hybrids	0264	Macadamia nuts	0333
Avocados	0135	Plums	0243	Pecans, improved	0336
Bananas	0141	Pomegranates	0255	Pecans, native and seedling	0342
Cherimoyas	0293	Prunes	0249	Pistachios	0351
Cherries, sweet	0345	Other non-citrus fruits, specify above	0261	Walnuts, English	0357
Cherries, tart	0587			Other nuts, specify above	0363
Coffee (2016-2017 crop)	0153	CITRUS FRUIT	CODE	BERRIES	CODE
Dates	0159	Grapefruit	0267	Aronia berries	0507
Figs	0165	Kumquats	0273	Blackberries and dewberries - include marionberries	0509
Grapes	0366	Lemons	0279	Blueberries, tame	0512
Guavas	0183	Limes	0285	Blueberries, wild	0515
Kiwifruit	0189	Tangelos	0303	Boysenberries	0518
Mangos	0195	Tangerines (Mandarins)	0309	Cranberries	0521
Nectarines	0201	Temples	0144	Currants (black or red)	0524
Olives	0207	Oranges, Valencia	0150	Elderberries	0508
Papayas	0213	Oranges, other than Valencia - include Navel	0174	Loganberries	0530
Passion fruit	0219	Other citrus fruit, specify above	0315	Raspberries, black	0490
Peaches, clingstone	0222			Raspberries, red	0491
Peaches, freestone	0216	NUTS	CODE	Raspberries, other	0506
Pears, Bartlett	0234	Almonds	0321	Strawberries	0536
Pears, other than Bartlett	0240	Chestnuts	0324	Other berries, specify above	0539
Persimmons	0237				
Pineapples	1297				

17100124

SECTION 14 CATTLE AND CALVES

1. Did you or anyone else have any cattle or calves, including dairy cattle, on this operation in 2017?

INCLUDE

- cattle on this operation
- cattle on public or industrial property under a grazing permit
- cattle on land used rent free by this operation
- cattle grown or fed on this operation for others on a custom or contract basis

EXCLUDE

- cattle grown or fed by someone else on a custom or contract basis

1201 1 **Yes** - Complete this section 3 **No** - Go to SECTION 15

2. Of the total number of cattle and calves on hand December 31, 2017, how many were –

Mark "X" if None	Number on this operation December 31, 2017
0804 <input type="checkbox"/>	
0805 <input type="checkbox"/>	
1206 <input type="checkbox"/>	
0803 <input type="checkbox"/>	

- a. Beef cows? Include beef heifers that had calved. Exclude heifers that had not calved, steers, calves, and bulls. 0804
- b. Milk cows kept for production of milk? Include dry milk cows and milk heifers that had calved. 0805
- c. Other cattle and calves? Include heifers that had not calved, steers, calves, and bulls 1206
- d. **TOTAL** cattle and calves on hand December 31, 2017. Add items 2a, 2b, and 2c 0803

3. Of the cattle and calves sold or moved from this operation during 2017, how many were –

Total number sold or moved in 2017
0808 <input type="checkbox"/>
0810 <input type="checkbox"/>

- a. Calves sold or moved from this operation in 2017 weighing less than 500 pounds? 0808
- b. Cattle sold or moved from this operation in 2017, including calves weighing 500 pounds or more? 0810

4. Report gross value of sales of cattle and calves in 2017. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts.

INCLUDE

- beef and dairy cattle for breeding stock, and beef and dairy cull animals
- fed cattle, stockers, and feeders
- veal calves, etc.. 1339

5. Sales of milk from cows 1380

Gross Value of Sales (Dollars)	
1339 <input type="checkbox"/>	\$.00
1380 <input type="checkbox"/>	\$.00

6. CATTLE IN FEEDLOTS FOR SLAUGHTER MARKET

INCLUDE

- steers and heifers for slaughter market fed a ration of grain or other concentrates that are expected to produce a carcass that will grade select or better

EXCLUDE

- cows and bulls
- cattle being backgrounded, pastured only, fed for home use, or veal

a. How many steers and heifers reported in item 2c above were on feed December 31, 2017, and were or will be shipped directly from your feedlot to slaughter market? Exclude cattle being backgrounded. 1207

b. How many of the steers and heifers sold during 2017 reported in item 3b above were shipped directly from your feedlot to a slaughter market? Exclude any of your cattle custom fed in feedlots operated by others. Exclude cattle sold as feeders. 0812

Number on this operation December 31, 2017
1207 <input type="checkbox"/>
Number sold or moved in 2017
0812 <input type="checkbox"/>

17100132

SECTION 15 HOGS AND PIGS

1. Did you or anyone else have any hogs or pigs on this operation in 2017? If you are a contractor or integrator, report only the hogs on the land you operate.

INCLUDE

• hogs grown for others on a contract basis

EXCLUDE

• hogs grown by someone else on a custom or contract basis

1211 1 **Yes - Complete this section** 3 **No - Go to SECTION 16**

			Mark "X" if None	Number on this operation December 31, 2017		
2.	Total number of hogs and pigs on hand December 31, 2017.	0815	<input type="checkbox"/>			
3.	Number of hogs and pigs sold or moved from this operation during 2017, including feeder pigs	0820	<input type="checkbox"/>	Total number sold or moved in 2017		
4.	Report gross value of sales for hogs and pigs sold from this operation in 2017. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts	1341	<input type="checkbox"/>	Gross Value of Sales (Dollars) \$ <input type="text"/> .00		
5.	Mark one item which best describes this type of operation:					
1241	<input type="checkbox"/> Farrow to wean	1242	<input type="checkbox"/> Farrow to finish	1243	<input type="checkbox"/> Finish only	1118
1244	<input type="checkbox"/> Farrow to feeder	1245	<input type="checkbox"/> Nursery	1246	<input type="checkbox"/> Other, specify →	<input type="text"/>
6.	Mark one item which best describes this type of producer:					
1214	<input type="checkbox"/> Independent grower	1216	<input type="checkbox"/> Contract grower (contractee)	1215	<input type="checkbox"/> Contractor or integrator	

SECTION 16 HORSES, PONIES, MULES, BURROS, AND DONKEYS

1. Did you or anyone else have any horses, ponies, mules, burros, or donkeys on this operation in 2017?

1247 1 **Yes - Complete this section** 3 **No - Go to SECTION 17**

Report inventory and sales for this operation in 2017

• Include the value of your landlord's share, marketing charges, taxes, hauling, etc.

			Mark "X" if None	Number on this operation December 31, 2017	Total Number Sold in 2017	Gross Value of Sales in 2017 (Dollars)
2.	Horses and ponies OWNED by this operation.	0872	<input type="checkbox"/>			\$ <input type="text"/> .00
3.	Horses and ponies NOT owned by this operation.	0822	<input type="checkbox"/>			\$ <input type="text"/> .00
4.	Mules, burros, and donkeys	0833	<input type="checkbox"/>			\$ <input type="text"/> .00
5.	Horse breeding or stud fees, semen, and other equine products (Exclude income from boarding, training, or riding facilities which should be reported in SECTION 32, item 7).	1406	<input type="checkbox"/>			Gross Value of Sales in 2017 (Dollars) \$ <input type="text"/> .00

17100140

SECTION 17 SHEEP AND GOATS

1. Did this operation own or custom feed for others any sheep, lambs, goats, or kids in 2017, regardless of location?

INCLUDE

- sheep and goats on public or industrial property under a grazing permit
- sheep and goats on land used rent free by this operation
- sheep and goats grown or fed on this operation for others on a custom or contract basis

EXCLUDE

- sheep and goats grown or fed by someone else on a custom or contract basis

1102 1 **Yes** - Complete this section 3 **No** - Go to SECTION 18

Report for this operation in 2017.

- Include in the value of sales the value of your landlord's share, marketing charges, taxes, hauling, etc.

Mark "X" if None

	Number owned or custom fed on December 31, 2017	Total number sold or moved in 2017	Gross Value of Sales (Dollars)
2. Sheep and lambs 0824 <input type="checkbox"/>			\$.00
3. Goats and kids			
a. Angora goats and kids 0847 <input type="checkbox"/>			\$.00
b. Milk goats and kids. 0843 <input type="checkbox"/>			\$.00
c. Meat goats and kids, other goats and kids. 0851 <input type="checkbox"/>			\$.00
4. Sheep and goat products			
a. Wool shorn 0828 <input type="checkbox"/>		lbs.	\$.00
b. Mohair clipped 0849 <input type="checkbox"/>		lbs.	\$.00
c. Milk from sheep and goats . . 1389 <input type="checkbox"/>			\$.00

SECTION 18 AQUACULTURE

1. Did you or anyone else have any aquaculture on this operation in 2017? Include production for others on a contract basis.

1157 1 **Yes** - Complete this section 3 **No** - Go to SECTION 19

2. Fill in the columns below for all aquaculture raised on this operation in 2017. Report aquatic plants in SECTION 11.

- Include the value of your landlord's share, marketing charges, taxes, hauling, etc.
- Include all sizes for each type.
- Include food size, fingerlings, fry, and eggs.
- Exclude wild-caught products.

Enter Aquaculture Type	Enter Code	Total pounds sold or moved in 2017	OR	Total number sold or moved in 2017	Gross Value of Sales (Dollars)
			OR		\$.00
			OR		\$.00
			OR		\$.00
			OR		\$.00

If more space is needed, use a separate sheet of paper.

AQUACULTURE	CODE	AQUACULTURE	CODE	AQUACULTURE	CODE
Catfish	0860	Crustaceans (crawfish for food, shrimp, softshell crabs, etc.)	0902	Sport or game fish	0984
Trout	0863	Mollusks (clams, oysters, etc.)	0978	Other aquaculture products - include algae, alligators, caviar, turtles, etc., specify above	0869
Other food fish - include salmon, specify in table	0896	Ornamental fish	0980		
Baitfish - include crawfish for bait	0900				

17100157

SECTION 19 POULTRY

1. Did you or anyone else have any poultry, such as chickens, turkeys, ducks, emus, ostriches, etc., on this operation in 2017? Include poultry grown for others on a contract basis.

1217 1 **Yes** - Complete this section 3 **No** - Go to SECTION 20

2. VALUE OF SALES - Report gross value of sales for poultry, chicks, eggs, and other poultry products. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts. 1344

Mark "X" if None	Gross Value of Sales (Dollars)
<input type="checkbox"/>	\$ _____ .00

3. CHICKENS

- a. Broilers, fryers, and other chickens raised for meat production, including capons and roasters. 0898 Mark "X" if None
- b. Table egg layers – Include those for home use. 1229
- c. Hatching layers for meat-types – Include layers for broilers, roasters, and other meat-types 1231
- d. Hatching layers for table eggs 1233
- e. Pullets for laying flock replacement 1221

	Number on this operation December 31, 2017	Total number sold or moved from this operation in 2017

4. TURKEYS

- a. Turkeys raised for meat production – Exclude breeders. 1225
- b. Turkey hens and toms kept for breeding. 1227
- c. Turkey brooders, immature birds for further growout on another farm. 1219

5. ALL OTHER POULTRY – Fill in the columns below for all other poultry on this operation in 2017. Enter the poultry type and code from the table below.

Enter Poultry Type	Code	Number on this operation December 31, 2017	Total number sold or moved from this operation in 2017

If more space is needed, use a separate sheet of paper.

OTHER POULTRY	CODE	OTHER POULTRY	CODE	OTHER POULTRY	CODE
Bantams	0934	Guineas	0966	Pigeons or squabs	0908
Chukars	1275	Hungarian partridges.	1277	Quail	0912
Ducks	0904	Ostriches	0878	Rheas	1281
Emus	0845	Peacocks or peahens	1279	Roosters	0968
Geese	0906	Pheasants	0910	Other poultry, specify above	0865

6. POULTRY HATCHED

a. All poultry hatched in this operation's hatcheries in 2017. Include chicks, poults, ducklings, etc. Include poultry custom hatched for others 0916

Mark "X" if None	Number hatched on this operation in 2017
<input type="checkbox"/>	_____

b. What type(s) of poultry was hatched in this operation's hatcheries in 2017? Mark all that apply:

1291 Egg-type chickens 1292 Broiler-type chickens 1293 Turkeys 1294 All other poultry

17100165

SECTION 20 COLONIES OF HONEY BEES

1. Did this operation own honey bees in 2017, regardless of location?
 1104 1 **Yes** - Complete this section 3 **No** - Go to SECTION 21

	Number of colonies owned on December 31, 2017	Largest number of colonies owned for all purposes in 2017	Largest number of honey producing colonies owned in 2017	Honey collected in 2017, regardless of location (Pounds)	Gross Value of Sales of Honey (Dollars)
2. Colonies of honey bees owned.....0839					\$00

SECTION 21 OTHER LIVESTOCK AND LIVESTOCK PRODUCTS

1. Did you or anyone else have other livestock or livestock products on this operation in 2017?
 1239 1 **Yes** - Complete this section 3 **No** - Go to SECTION 22

2. Fill in the columns below for all other livestock on this operation in 2017. Enter the livestock type and code from the table below.

- Include the value of your landlord's share, marketing charges, taxes, hauling, etc.
- Exclude from sales dollars for items produced under production contracts.

Enter Livestock Type	Enter Code	Number on this operation December 31, 2017	Total number sold in 2017	Gross Value of Sales (Dollars)
				\$00
				\$00
				\$00
				\$00

If more space is needed, use a separate sheet of paper.

OTHER LIVESTOCK	CODE	OTHER LIVESTOCK	CODE	OTHER LIVESTOCK	CODE
Alpacas	0876	Deer in captivity	0888	Mink, live (exclude pelts)	1106
Package bees	4790	Elk in captivity	0890	Rabbits, live (exclude pelts)	1108
Bees, other than honey or package bees	4840	Laboratory animals	4892	Worms	4895
Bison	0886	Llamas	0874	Other livestock, specify above	4898

3. Fill in the columns below for other livestock products produced on this operation in 2017. Enter the livestock product type and code from the table below.

- Include the value of your landlord's share, marketing charges, taxes, hauling, etc.
- Exclude from sales dollars for items produced under production contracts.

Enter Livestock Product Type	Enter Code	Quantity Produced in 2017	Unit	Gross Value of Sales (Dollars)
				\$00
				\$00
				\$00
				\$00

If more space is needed, use a separate sheet of paper.

OTHER LIVESTOCK PRODUCTS	CODE	OTHER LIVESTOCK PRODUCTS	CODE
Beeswax	4961	Horns	4949
Breeding fees	4940	Manure sold	4952
Embryos	4943	Semen	4955
Fur or pelts	4946	Other animal products not listed, specify above	4958

17100173

SECTION 22 PRODUCTION CONTRACTS AND CUSTOM FEEDING

1. During 2017, were you a production contract grower for a processor or contractor for whom you grew a crop, raised livestock or poultry, or custom fed any livestock that **you did not own**? A production contract is an agreement setting terms, conditions, and fees to be paid by the contractor to this operation for the production of crops, livestock, or poultry. Exclude commodities grown or raised for marketing contracts.

1301 **Yes** - Complete this section 3 **No** - Go to SECTION 23

2. Report number of head, bushels, etc. that were grown or raised under production contracts and moved from this operation in 2017.

		Mark "X" if None	Total quantity moved from this operation in 2017	Unit		Total dollar amount received in 2017 for delivering commodities under production contracts (Dollars)
a.	Broilers and other meat-type chickens.	1304 <input type="checkbox"/>		birds	3304	\$.00
b.	Chicken eggs	1305 <input type="checkbox"/>		dozen	3305	\$.00
c.	Layers	1302 <input type="checkbox"/>		birds	3302	\$.00
d.	Pullets for laying flock replacement	1306 <input type="checkbox"/>		birds	3306	\$.00
e.	Turkeys	1307 <input type="checkbox"/>		birds	3307	\$.00
f.	Custom fed cattle shipped directly for slaughter – Exclude cattle custom fed for you by others	1308 <input type="checkbox"/>		head	3308	\$.00
g.	Replacement dairy heifers.	1303 <input type="checkbox"/>		head	3303	\$.00
h.	Hogs and pigs.	1309 <input type="checkbox"/>		head	3309	\$.00
i.	Other cattle, sheep, livestock, or poultry – specify type ↴					
1140	<input type="text"/>	1310 <input type="checkbox"/>			3310	\$.00
j.	Grains and oilseeds – specify type ↴					
1141	<input type="text"/>	1311 <input type="checkbox"/>		bushels	3311	\$.00
k.	Vegetables, melons, and potatoes – specify type ↴					
1142	<input type="text"/>	1312 <input type="checkbox"/>			3312	\$.00
l.	Other crops – specify type ↴					
1143	<input type="text"/>	1313 <input type="checkbox"/>			3313	\$.00

3. Mark all inputs that were partially or completely paid or provided by contractor(s) –

- | | | |
|--|---|---|
| 1317 <input type="checkbox"/> Feed | 1325 <input type="checkbox"/> Seed | 1320 <input type="checkbox"/> Supplies |
| 1316 <input type="checkbox"/> Feeder livestock and poultry | 1318 <input type="checkbox"/> Fertilizer and lime | 1322 <input type="checkbox"/> Utilities |
| 1324 <input type="checkbox"/> Breeding livestock | 1319 <input type="checkbox"/> Chemicals | 1326 <input type="checkbox"/> Other, specify → <input type="text"/> |
| 1323 <input type="checkbox"/> Veterinary services | 1321 <input type="checkbox"/> Fuels | 1315 <input type="checkbox"/> None |

4. Enter the name of the contractor that provided inputs and owned the commodity ↴

1327

17100181

SECTION 23 ORGANIC AGRICULTURE

1. During 2017, did this operation produce organic products according to USDA's National Organic Program (NOP) standards or have acres transitioning into USDA NOP production? Exclude processing and handling.

3501 1 **Yes - Complete this section** 3 **No - Go to SECTION 24**

2. Report type of production. Mark all that apply.

3502 USDA NOP certified organic production 1252

Specify Certifying Agency

3503 USDA NOP organic production exempt from certification (exempt is production normally less than \$5,000 in sales).

3504 Acres transitioning into USDA NOP organic production.

3506 Production according to USDA NOP standards but NOT certified or exempt.

3. What was the value of USDA NOP certified or exempt organically produced commodities sold from this operation in 2017? 3505

Mark "X" if None

Gross Value of Sales (Dollars)
\$ <input type="text"/> .00

SECTION 24 PRACTICES

1. At any time during 2017, did this operation –

- a. Receive irrigation water supplied by a U.S. Bureau of Reclamation project or facility? Include reclamation water delivered by a local district. 1722 1 Yes 3 No
- b. Practice rotational or management-intensive grazing? 1725 1 Yes 3 No
- c. Practice alley cropping, silvopasture, or forest farming, or have riparian forest buffers or windbreaks? 1731 1 Yes 3 No
- d. Harvest any biomass (crop residue, grasses, woody biomass, etc.) for use in the production of renewable energy? Exclude grains, oilseeds, and firewood. 1750 1 Yes 3 No
- e. Have an on-farm packing facility for distributing vegetables, potatoes, fruit, nuts, berries, or other crops? 1752 1 Yes 3 No
- f. Raise or sell veal calves? 1728 1 Yes 3 No
- g. Have a barn that was built prior to 1960? 1730 1 Yes 3 No

2. During 2017, did this operation produce and sell any processed or value-added products from its own agricultural production?

INCLUDE
• jam, wine, cheese, meat, floral arrangements, cider, etc.

EXCLUDE
• products purchased and resold
• live animals

1726 1 **Yes - Continue** 3 **No - Go to item 3**

a. How much was received in 2017 for the sales of the processed or value-added product(s)? 2727

Gross Value of Sales (Dollars)
\$ <input type="text"/> .00

2726

b. Please specify the processed or value added product(s)

3. At any time during 2017, did this operation have internet access, either on the operation or at an operator's residence?

1260 1 **Yes** – Report the type of service that was used to access the internet. Mark all that apply:

- 1261 Dial-up 1263 Cable modem 1265 Mobile internet service for a cell phone or other device (tablet, iPad, etc.) 1775 Don't know
- 1262 DSL 1264 Fiber-optic 1266 Satellite 1268 Other, specify below ↴

3 **No** – Go to SECTION 25

1269

17100199

SECTION 25 FOOD MARKETING PRACTICES

1. During 2017, did this operation produce and sell any crops, livestock, poultry, or agricultural products that were food for humans to eat or drink?

INCLUDE

- edible agricultural products for human consumption

EXCLUDE

- non-edible products such as hay, cut flowers, Christmas trees, nursery products, etc.
- commodities produced under production contracts
- products purchased and resold

2750 1 **Yes** - Complete this section 3 **No** - Go to SECTION 26

2. How much was received in 2017 for the food produced and sold directly to:

a. **Consumers:** Farmers markets, on-farm stores or farm stands, roadside stands or stores, u-pick, CSA (Community Supported Agriculture), online marketplaces, etc.? 4160

Mark "X" if None

Gross Value of Sales (Dollars)	
\$	.00

(i) Specify the food(s) that was produced and sold directly to consumers in 2017.

4161

b. **Retail Markets, Institutions, or Food Hubs for Local or Regionally Branded Products:** Supermarkets, supercenters, restaurants, caterers, independently owned grocery stores, food cooperatives, K-12 schools, colleges or universities, hospitals, workplace cafeterias, prisons, foodbanks, etc.? 2752

Gross Value of Sales (Dollars)	
\$	.00

(i) Specify the food(s) that was produced and sold directly to retail markets, institutions, or food hubs in 2017.

2751

SECTION 26 FERTILIZERS, CHEMICALS, AND SOIL CONDITIONERS APPLIED

1. Were any fertilizers, manure, herbicides, insecticides, fungicides, nematicides, other pesticides, growth regulators, or other chemicals used on this operation during 2017?

INCLUDE

- rock phosphate, lime, and gypsum as fertilizer

EXCLUDE

- pretreated seeds

1568 1 **Yes** - Complete this section 3 **No** - Go to SECTION 27

2. Acres to which commercial fertilizer and soil conditioners were applied –

Mark "X" if None

a. Cropland in 2017 – Exclude cropland used only for pasture. 0932

b. Pastureland and rangeland acres in 2017 – Include cropland used only for pasture or grazing 0933

Number of Acres	

--	--

3. Acres of cropland and pastureland on which animal manure was applied . . . 1569

--	--

4. Acres of cropland and/or pastureland treated with organic fertilizer according to USDA's National Organic Program (NOP) standards. 1570

--	--

5. Acres on which chemicals were applied to control the items listed below. The same acres can be reported in more than one item below. However, report acres only once for each item, regardless of the number of applications.

a. Insects. 0936

b. Weeds, grass, or brush - Include both pre-emergence and post emergence. 0939

c. Nematodes. 0937

d. Diseases in crops and orchards such as blight, smut, rust, etc. 0938

Number of Acres	

--	--

--	--

6. Acres of crops treated to control growth, thin fruit, ripen, or defoliate. 0940

--	--

17100207

SECTION 27 RENEWABLE ENERGY

1. During 2017, what types of renewable energy producing systems were on this operation, regardless of ownership? Mark all that apply.

- 3603 Solar panels
- 3614 Geothermal/Geoexchange system
- 3610 Ethanol production system
- 3604 Wind turbines
- 3615 Small hydro system
- 3606 Other, specify →
- 3605 Methane digesters
- 3609 Biodiesel production system
- 3619 None

2. On the land owned by this operation, were any wind rights leased to others? 3607 1 Yes 3 No

SECTION 28 MACHINERY AND EQUIPMENT

1. For the items listed below, report the number on this operation on **December 31, 2017**. Include machinery, equipment, and implements used for the farm or ranch business in 2016 or 2017 and usually kept on the operation.

		Mark "X" if None	Number on this operation December 31, 2017		Mark "X" if None	Of these, the number manufactured in the last 5 years (2013-2017)
a. Trucks, including pickups	0944	<input type="checkbox"/>		<input type="checkbox"/>		
b. Tractors less than 40 horsepower (PTO) – Exclude garden tractors	0946	<input type="checkbox"/>		<input type="checkbox"/>		
c. Tractors 40 - 99 horsepower (PTO)	0948	<input type="checkbox"/>		<input type="checkbox"/>		
d. Tractors 100 horsepower (PTO) or more	0962	<input type="checkbox"/>		<input type="checkbox"/>		
e. Grain and bean combines, self-propelled	0950	<input type="checkbox"/>		<input type="checkbox"/>		
f. Cotton pickers and strippers, self-propelled	0956	<input type="checkbox"/>		<input type="checkbox"/>		
g. Forage harvesters, self-propelled	0953	<input type="checkbox"/>		<input type="checkbox"/>		
h. Hay balers	0960	<input type="checkbox"/>		<input type="checkbox"/>		

SECTION 29 FARM LABOR

1. What was the number of HIRED farm or ranch workers, including paid family members and office workers, who –

- a. Worked less than 150 days on this operation in 2017? Exclude contract labor 0941
- b. Worked 150 days or more on this operation in 2017? Exclude contract labor 0942

2. What was the number of UNPAID farm or ranch workers, including family members and office workers, who worked on this farm or ranch? 3401

3. What was the number of foreign and domestic MIGRANT workers on this operation in 2017? A migrant worker is a farm worker whose employment required travel that prevented the migrant worker from returning to his/her permanent place of residence the same day. Include hired and contract workers 3402

	Mark "X" if None	Number of Workers
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	

SECTION 30 PRODUCTION EXPENSES

Report total production expenses paid by this operation in 2017.

INCLUDE

- expenses paid by you and your landlords
- expenses connected with performing customwork for others

EXCLUDE

- expenses not related to the farm business
- any expenses paid by the contractor

EXPENSES PAID BY THIS OPERATION AND ITS LANDLORD(S)

		Mark "X" if None	Dollars
1.	Fertilizer, lime, and soil conditioners purchased. Include rock phosphate, gypsum, manure purchased, potting soil, growing media, and other organic materials. Include the cost of any custom application	1501 <input type="checkbox"/>	\$.00
2.	Chemicals purchased such as insecticides, herbicides, fungicides, other pesticides, etc. Include the cost of custom application	1502 <input type="checkbox"/>	\$.00
3.	Seeds, plants, vines, trees, etc. purchased. Include technology or other fees, seed treatments, and seed cleaning cost. Exclude items purchased for resale without additional growth	1503 <input type="checkbox"/>	\$.00
a. Of the total in item 3, how much was for cover crop seed?		2753 <input type="checkbox"/>	\$.00
4.	Breeding livestock purchased or leased, regardless of age. Include dairy cattle	1504 <input type="checkbox"/>	\$.00
5.	All other livestock and poultry purchased or leased. Include stocker and feeder cattle, calves, sheep, lambs, feeder pigs, chicks, pullets, poults, horses, fish, goats, bee colonies, etc. Include livestock leasing expense	1505 <input type="checkbox"/>	\$.00
6.	Feed purchased for livestock and poultry. Include grain, hay, silage, mixed feeds, concentrates, supplements, premixes, etc.	1506 <input type="checkbox"/>	\$.00
7.	Gasoline, fuels, and oils purchased for the farm business. Include diesel, natural gas, LP gas, motor oil, grease, etc.	1507 <input type="checkbox"/>	\$.00
8.	Utilities purchased for the farm business. Include electricity, farm share of telephone, water purchased, etc.	1508 <input type="checkbox"/>	\$.00
9.	Repairs, supplies, and maintenance cost for the farm business.	1509 <input type="checkbox"/>	\$.00
10.	Labor –		
a. Hired farm and ranch labor. Include employer's cost for social security, worker's compensation, health and life insurance premiums, pension plans, etc.		1510 <input type="checkbox"/>	\$.00
b. Contract labor. Include expenses for labor, such as harvesting of fruit, vegetables, berries, etc. performed on a contract basis by a contractor, crew leader, etc.		1511 <input type="checkbox"/>	\$.00
11.	Customwork and custom hauling, such as custom planting, harvesting, etc. and custom hauling of grain, livestock, milk, manure, etc.	1512 <input type="checkbox"/>	\$.00
12.	Rent –		
a. Cash rent paid in 2017 for land and buildings. Include grazing fees		1513 <input type="checkbox"/>	\$.00
b. Rent and lease expenses for machinery, equipment, and farm share of vehicles. Exclude custom hire		1514 <input type="checkbox"/>	\$.00
13.	Interest paid on debts –		
a. Secured by real estate.		1515 <input type="checkbox"/>	\$.00
b. Not secured by real estate.		1516 <input type="checkbox"/>	\$.00
14.	Property taxes paid in 2017. Include farm real estate, machinery, livestock, etc. for the farm business. Exclude taxes paid by this operation's landlords.	1517 <input type="checkbox"/>	\$.00
15.	Medical supplies, veterinary, and custom services for livestock. Include artificial insemination (AI), branding, breeding fees, caponizing, castrating, custom feed processing, hormone injections, performance testing, pregnancy testing, seining, sheep shearing, etc. Exclude manure disposal	1935 <input type="checkbox"/>	\$.00
16.	Other production expenses. Include storage and warehousing, marketing expenses, insurance, etc. Exclude health insurance premiums and payroll taxes	1518 <input type="checkbox"/>	\$.00
17.	Total production expenses (add items 1-16)	1936 <input type="checkbox"/>	\$.00

17100223

SECTION 30 CONTINUED -

	Mark "X" if None	Dollars
18. How much did your landlord(s) pay for the production expenses for this operation in 2017? 1519	<input type="checkbox"/>	\$.00
19. What was the value of your landlord's share of the total sales produced by this operation? Exclude cash rent 1349	<input type="checkbox"/>	\$.00
20. What was the total depreciation expense claimed by this operation in 2017 for all capital assets? Estimate 2017 from 2016 if necessary. 1520	<input type="checkbox"/>	\$.00

SECTION 31 MARKET VALUE OF LAND, BUILDINGS, MACHINERY, AND EQUIPMENT

	Mark "X" if None	Estimated Market Value (Dollars)
1. Report your estimate of the current market value of land and buildings reported in SECTION 1.		
a. All land and buildings owned 0996	<input type="checkbox"/>	\$.00
b. All land and buildings rented or leased from others. 0997	<input type="checkbox"/>	\$.00
c. All land and buildings rented or leased to others. 0998	<input type="checkbox"/>	\$.00
2. What is your estimate of the current value of all machinery, equipment, and implements used for farm-related activities on this operation, regardless of ownership, on December 31, 2017 ? 0943	<input type="checkbox"/>	\$.00

INCLUDE - the following if kept on this operation and used for this farm or ranch business in 2017.

- cars • trucks • tractors • tools • dairy equipment
- combines • plows • disks • harrows • irrigation equipment
- pumps • motors • tanks • feeders • grinding and mixing equipment, etc.
- dryers • computers

SECTION 32 INCOME FROM FARM-RELATED SOURCES

Report the gross dollar amount received before taxes and expenses in 2017 for -

	Mark "X" if None	Gross Dollars
1. Customwork and other agricultural services provided for farmers and others, such as plowing, planting, spraying, harvesting, preparation of products for market, etc. Exclude if customwork was an entirely separate business from your agricultural operation 0992	<input type="checkbox"/>	\$.00
2. Payments received from cash rent or share payments from renting out farmland or payments from lease of allotments. Include payments for livestock pastured on a per-head basis, per-month basis, AUM basis, etc. 0993	<input type="checkbox"/>	\$.00
3. Sales of forest products. Include timber, firewood, etc. Exclude sales of Christmas trees, short rotation woody crops, and maple products 0994	<input type="checkbox"/>	\$.00
4. Agri-tourism and recreational services, such as farm tours, hay rides, hunting, fishing, etc. 1401	<input type="checkbox"/>	\$.00
5. Patronage dividends and refunds from cooperatives 1402	<input type="checkbox"/>	\$.00
6. Crop and livestock insurance payments received. Exclude payments received from casualty insurance, vehicle liability, blanket policies, and operator dwelling insurance 1404	<input type="checkbox"/>	\$.00
7. Other income which is closely related to the agricultural operation. Include renting and leasing farm machinery and trucks, renting and leasing of livestock, bee colony rental, animal boarding, state fuel tax refunds, farm-generated energy, etc. Specify ↴		
1433 <input style="width: 400px; height: 20px;" type="text"/> 1403	<input type="checkbox"/>	\$.00

17100231

SECTION 33 AGRICULTURAL ACTIVITY WITHIN THE BORDERS OF AMERICAN INDIAN RESERVATIONS, PUEBLOS, AND SERVICE AREAS

1. Did this operation use any land for livestock or cropland within the borders of an American Indian Reservation, Pueblo, or Service Area at any time during 2017? Include owned, deeded, tribal, or allotted land.

1050 1 **Yes** - Complete this section 3 **No** - Go to SECTION 34

2. Enter the name and state of the American Indian Reservation, Pueblo, or Service Area where the agricultural activity occurred.

	Reservation, Pueblo, or Service Area Name		State
1051	<input style="width: 95%;" type="text"/>	1052	<input style="width: 95%;" type="text"/>

3. How many total acres did this operation use for livestock or cropland within this Reservation, Pueblo, or Service Area in 2017? Exclude land used on a per-head or animal unit month (AUM) basis. 1053

Number of Acres
<input style="width: 95%;" type="text"/>
<input style="width: 95%;" type="text"/>

a. How many of these acres were harvested cropland? 1054

4. In 2017, did this operation have any livestock within the borders of an American Indian Reservation, Pueblo, or Service Area? Include livestock on land used on a per-head or animal unit month (AUM) basis.

1056 1 **Yes** - Continue 3 **No** - Go to SECTION 34

a. On **December 31, 2017**, what percent of this operation's livestock was on this Reservation, Pueblo, or Service Area?

1057 1 None 3 26 - 50 percent 5 76 - 99 percent
 2 1 - 25 percent 4 51 - 75 percent 6 100 percent (all livestock)

SECTION 34 CONCLUSION

1. Is it possible that the agricultural activity information reported for this operation could also be reported by another operation?

1080 1 **Yes** - Provide the other name and address below 3 **No** - Go to item 2

Possible Duplicate Name		Address		
1081	<input style="width: 95%;" type="text"/>	1082	<input style="width: 95%;" type="text"/>	
	City		State	Zip
1083	<input style="width: 95%;" type="text"/>	1084	<input style="width: 20%;" type="text"/>	1085 <input style="width: 20%;" type="text"/>

2. Do you (the individual named on the label) make any day-to-day decisions for **another** farm or ranch? It is important that the Census of Agriculture accurately accounts for all of your farm or ranch operations.

1086 1 **Yes** - Enter the information of the additional farm or ranch below 3 **No** - Go to item 3

Additional Farm or Ranch		Area Code and Phone Number		
1088	<input style="width: 95%;" type="text"/>	1089	<input style="width: 15%;" type="text"/>	- <input style="width: 15%;" type="text"/>
			- <input style="width: 15%;" type="text"/>	<input style="width: 15%;" type="text"/>

a. Did you receive a 2017 Census of Agriculture report form for this additional farm or ranch?

1087 1 **Yes** 3 **No**

b. Did you include all data from this additional farm or ranch on THIS REPORT? Do not make changes to the data in this report, regardless of your answer.

1091 1 **Yes** 3 **No**

3. Return your form in the envelope provided. **Thank you** for your participation.

INSTRUCTION SHEET UNITED STATES 2017 CENSUS OF AGRICULTURE Your report is due February 5, 2018

Who Should Report?

A reply is required from EVERYONE who receives a report form, including persons who operated a farm, ranch, or other agricultural operation in 2017, anyone who has any agricultural activity, as well as those who were not involved in agriculture. More census information is on the Internet at www.agcensus.usda.gov

If you do not return your report form, you will continue to receive contacts from us.

If you were a landlord only and rented out all of your land, complete the front page, Section 1, and Section 34 on the back page of the enclosed report form and return it in the preaddressed envelope. If you were a landlord but still operated other land yourself, you should complete the entire report form for that land which you operated.

If you had no land, no livestock, and no agricultural operations, return the report form with a note indicating your status on the front of the form below the address label.

Partial Year Operations - If you stopped farming, ranching, or producing agricultural products during 2017, complete the report form for the portion of the year that you did farm. Write "Stopped farming during 2017" and the date you stopped below the address area. Mail the completed report form in the return envelope. If the person whose name is on the label was deceased during 2017, complete the form for the portion of the year that they farmed, and write a note.

Involved In More Than One Operation - If you made decisions for more than one operation, you may have received a report form for each operation. Provide information for each operation on a separate form. To obtain additional report forms, or if you have questions, please call the toll-free help line at 1-888-424-7828.

Partnership Operation - Complete only ONE form for the entire partnership's agricultural operation and include the entire operation on that one form. If you made day-to-day decisions for another operation, complete a report form for each separate operation. We have listed all known partners below the address area to assist in defining the operation. Make any necessary corrections to these names.

If you owned farm or ranch land in 2017 that was idle and NOT rented out, you should complete and return the report form. If all the cropland was enrolled in conservation programs like CRP, complete the form and include these acres.

Specialty Commodities - Horses, bees, elk, emus, fish, nursery, etc., are an important part of the agriculture industry. Report for all commodities, regardless of the amount of production or sales you had in 2017.

Land in Federal conservation programs in 2017 - If you had land in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP) and you made the decisions on the acres, include the conservation land on the report form in Sections 1, 2, and 5.

Received More Than One Report Form For the Same Operation - If you received more than one report form for the same operation, complete only ONE form per operation. Write "Duplicate" below the address area of each extra form. Return all forms in the same return envelope with your completed form so that we can correct our records.

Entering Your Responses Use BLUE or BLACK INK only. Enter your replies in the unit requested, i.e., dollars, bushels, tons, etc. When reporting dollars, report in whole dollars only. Convert fractions to decimals. Please print clearly and keep numbers and letters within the white boxes. Mark all applicable Yes/No and None boxes with an "X".

SECTION 1 - ACREAGE IN 2017

Your answers in this section will determine the land (Acres in "THIS OPERATION") referred to throughout the report form. Include all land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization named on the front of the form, regardless of location or use during 2017, even if only for part of the year. Include cropland, non-tillable land, land in government programs such as Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), etc., pastureland and rangeland, woodland and idle land, farmsteads, buildings, and structures. Include only actively managed tidelands. Exclude residential or commercial land. Report land in whole acres.

Item 1 (Box A) - Report all land owned in 2017 whether held under deed, purchase contract or mortgage, homestead law, or as heir/heirless or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization named on the front of the report form.

Item 2 (Box B) - Report all land rented or leased from others by you or your operation. Include water area leased for aquaculture production. Exclude land used under Government grazing permits or on a fee per-head or animal unit (AUM) basis. Bureau of Land Management (BLM) Section 15 land leased by your operation with a specified acreage tract should be included here even though your fees to BLM are paid on an AUM basis.

Item 3 (Box C) - Include all land rented out to others for any purpose if it was part of the acreage reported in Items 1 and 2. Your tenant(s) will receive a form to report production for the land they rent. Do not report land placed in conservation programs as acres rented to others.

Item 3a - Report all land owned by the operation and rented or leased to others.

Item 4 (Box D) - This is all land you operated at any time in 2017. Land use in Section 2 should be reported for these acres.

Item 5 Total acres equals zero (0) - After completing Section 1, if the acres in Item 4, BOX D equal zero and you did not raise or own any livestock, aquaculture, or poultry in 2017, write a description of land use in the space by question 5. Complete Section 34 and mail the report form in the return envelope.

SECTION 2 - LAND USE IN 2017

The total acres from Items 1 - 4 entered in BOX E should equal the total acres in Section 1, Item 4, BOX D. These acres represent "this operation" for this census report. **If these two numbers are not the same, please GO BACK and CORRECT your figures.** Do not report any crops grown on land rented or leased to others or worked by others on shares during 2017.

Land used for more than one purpose - Do not report the same acreage in more than one of the listed categories. If part or all of your land was used for more than one listed purpose in 2017, report that land only in the first purpose listed. For example, if you planted and harvested a grain crop and grazed the crop residue in the fall, report the land in Item 1a, cropland harvested. Do not report those acres again in Item 2c pasture or grazing land.

CRP/WRP and other conservation programs - Report these acres in the Items in this section that best describe them. For example, CRP land may be reported in cropland harvested, cropland idle, or woodland not pastured depending on its use.

Item 1a - Land maintained for orchards or vineyards is included even if the crop failed or the trees or vines are not of bearing age. Abandoned acres of orchards or vineyards should be reported in Item 1d. Harvested cropland includes acres of trees for fruit, nuts, and berries along with acres of grape vines, Christmas trees, and short rotation woody crops in production. Do not include the area harvested for timber or firewood. If more than one crop was harvested from the same land in 2017, report that land as cropland harvested only once.

Item 1b - Include land you intended to harvest but had to abandon or had the crop fail.

Item 1c - Include cropland left unseeded for the 2017 harvest and tilled summer fallowed, or treated with herbicides to control weeds and conserve moisture. Include cropland summer fallowed in 2017 even though it may have been planted to wheat, etc., for the 2018 harvest.

Item 4 - Include tidelines actively managed for aquaculture production, whether owned or rented from others. Include other water area leased for the production of aquaculture.

SECTION 3 - LAND RENTED OR LEASED FROM OTHERS FOR CASH

Report for cropland and pastureland leased on a per acre basis for cash only. Exclude flex and share rent arrangements. Also, exclude aquaculture arrangements. For cash rental agreements that include dwellings and buildings, only report the acres of cropland and pastureland.

SECTION 4 - LAND USE PRACTICE S

Item 1b - Land drained by ditches refers only to manmade ditches installed to improve drainage, not natural waterways.

Item 1c - A conservation easement limits the right to develop the land, now and in the future.

Items 2a through d - Include all cropland acres planted in the operation with the practice, not just cropland harvested. Conservation tillage leaves 30 percent or more of the soil surface covered by crop residue after planting. Conventional tillage has 100 percent of the soil surface mixed or inverted.

Items 3a and 3b - Include acres irrigated by all methods and from all water sources including those irrigated from lagoons through a sprinkler or flood system.

SECTION 5 - CROP INSURANCE AND GOVERNMENT PROGRAMS

Item 1 - Report all acres covered by any crop insurance policy in 2017. Include land in pasture insurance programs and acres covered by guaranteed revenue policies.

Items 2a and 3 - For conservation program costs, include the government's share of the amount paid.

Items 3 and 4 - Exclude any payments from loans or programs that must be repaid.

Item 5 - Report amount received for commodities placed under CCC loan during 2017. Include amount received even if commodity was redeemed or forfeited prior to December 31, 2017. Exclude CCC loans to build crop storage facilities.

Item 6 - Report the total amount to repay CCC loans in 2017, regardless of the crop year the loan was made.

SECTION 6 - TYPE OF ORGANIZATION

Use the following definitions to determine the type of organization for this operation.

An operation organized as a Limited Liability Company (LLC) may fall into any of the categories.

Family or individual operation - Farm or business organization controlled and operated by a family or an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement. Report family corporations under "Incorporated under state law."

Partnership operation - Two or more persons who conduct an operation together and share work and profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife does not constitute a partnership unless a specific agreement to share contributions, decision making, profits, and liabilities exists. Production under contract or under a share rental agreement does not constitute a partnership.

Incorporated under state law - A corporation is a legal entity or artificial person created under the laws of a State to carry on a business, including family corporations. Exclude cooperatives, even if they are incorporated.

Other - Estate or trust, grazing association, American Indian Reservation, university farm, prison farm, institution run by a government or religious entity, cooperatives (an incorporated or unincorporated enterprise or an association created and formed jointly by the members), etc.

Item 4 - The number of households that share in the net farm income are those households involved with the day-to-day decisions and not those households that received funds because they are landlords, custom equipment operators, or provide other supplies that are listed in Section 30, Production Expenses.

SECTION 7 - PERSONAL CHARACTERISTICS

This section collects information about decision makers of this operation. A farm may be a family operation and still have multiple operators. Complete one column for each operator.

Item 1 - Enter the number of men and the number of women who made day-to-day decisions for this operation. Do not report as operators minor-aged children who only worked on the farm.

Item 2 - Answer each question for up to four operators. If there were more than four, answer for the four individuals most involved in the decision making for this operation.

Item 2k - Report the first year the specified operator began to operate any part of this operation on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed on this operation.

Item 2l - Report the first year the specified operator began to operate part of ANY operation on a continuous basis.

Item 4 - The principal operator is the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

REPORTING VALUE OF SALES

Report the value of all crops and livestock sold from this operation in 2017 in the appropriate commodity section. Report the sales in 2017 regardless of the year crops were harvested or raised. Include the value of your landlord's share of the commodities harvested. Report livestock as sold that you owned and moved to someone else's operation for further feeding, such as cattle. Report the gross value before the deduction of expenses, marketing charges, hauling fees, other fees, or income taxes. Include payments received in 2017 from cooperatives or marketing organizations for crops produced on this operation regardless of the year in which the crops were harvested. Also, include as sales your estimate of the value of any crop or livestock removed from this operation in trade of services, such as baled hay for labor or other services. Report the total value you received for animals and poultry sold from this operation in 2017, without deducting production or marketing expenses (costs for feed, livestock purchase price, hauling, selling, etc.).

Exclude:

- Proceeds from CCC loans or other government payments.
- The value of sales of any cattle, hogs, or poultry owned by you but kept and sold from a location you did not operate.
- The value of commodities grown under a production contract.

SECTION 8 - HAY AND FORAGE CROPS

Include hay and forage from alfalfa, wild or native grasses, and hay or forage from clovers, small grains, soybeans, and peanuts. Report production in tons or, for dry hay, bales/weight per bale. Any pasture or conservation land that had hay cut from it should be reported as cropland harvested in Section 2, Item 1a.

SECTION 9 - CULTIVATED CHRISTMAS TREES, SHORT ROTATION WOODY CROPS, AND MAPLE SYRUP

Item 2 - Acres in production of cultivated Christmas trees include both those to be harvested in future years as well as those harvested in 2017. Trees cut should include only those trees cut in 2017.

Item 3 - A short rotation woody crop is a tree that is harvested in 10 years or less. These are trees for use by the paper or pulp industry or as engineered wood. Exclude trees cut for timber. Acres in production of short rotation woody crops include both those harvested in 2017 and future years. Acres harvested should include only those harvested in 2017.

Item 4 - Producers should report number of taps and gallons of syrup. If sap was sold, estimate the number of gallons of syrup it would have produced. Report the acres of tapped maple trees in Section 2, Item 3, woodland not pastured.

SECTION 10 - FIELD CROPS

Acres harvested - Enter the acres harvested in 2017. Round fractions to whole acres except for tobacco, where tenths should be reported.

Crops names not listed - For those seed or field crops not listed in the table that fall into the other seeds (code 770) or Other field crops (code 752) categories, please specify each crop on a separate line in the table along with the requested data.

Total production harvested - If your unit of measure is different than the unit requested on the report form, convert your figure for the production harvested to the unit requested. If the harvest was incomplete by December 31, 2017, estimate the total production to be harvested.

Acres irrigated - Report the irrigated harvested acres only once, even if the crop was irrigated multiple times during the growing season.

Double cropping - If two or more crops were harvested from the same land (double cropping), report the total acres and production of each harvested crop.

Interplanted crops - If two crops were grown at the same time in alternating strips in the same field, report the acreage of the field used for each crop.

Skip row planting - If a crop was planted in an alternating pattern of planted and non planted rows, such as two rows planted and two rows skipped, report the acreage occupied by the crop and report the skipped portion as cropland idle in Section 2, Item 1d.

If you rented land under a share arrangement, include your landlord's share of the crop in value of sales.

SECTION 11 - NURSERY, GREENHOUSE, FLORICULTURE, SOD, MUSHROOMS, VEGETABLE SEEDS, AND PROPAGATIVE MATERIALS

Report Christmas trees grown on this operation and sold live as nursery stock, code 0488. Exclude crops bought for resale without additional growing, and garden center items, such as chemicals and fertilizers. Report all acres of Christmas trees in production for cut Christmas trees and the number cut in 2017 in Section 9, Item 2.

SECTION 12 - VEGETABLES, POTATOES, AND MELONS

Item 4 - Report acres harvested for individual crops. If the same crop was planted more than once during the year on the same field, report the sum of the acres harvested during 2017. For example, if 4 acres were planted to lettuce and harvested, then replanted to lettuce and harvested, report 8 acres of lettuce in Item 4 but only 4 acres in Item 2.

SECTION 13 - FRUIT, NUTS AND BERRIES

If nonbearing trees and vines are intermixed with bearing trees and vines, estimate area for each category. Exclude abandoned acres of orchards or vineyards. Abandoned acres should only be reported in Section 2, Item 1d. Bearing age acres are the acres of trees or vines that produced any fruit or nut crop in 2017 or previous years. If fruit and nut trees and vines were interplanted with other crops, report only the total acres for the orchard in Section 13, and the total acres of each interplanted crop in their appropriate section(s).

Berries - Report all acres on which berries were grown in 2017.

SECTION 14, 15, AND 19 - CATTLE AND CALVES, HOGS AND PIGS, AND POULTRY

Include all animals on this operation on December 31, 2017 owned by you, raised by you under contract, or kept by you for others. Include animals on unfenced lands, National Forest land, Indian Reservation Land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per head, animal unit month (AUM), or lease basis. Animals in transit on December 31, 2017, should be reported by the person who had control of the animals on that day. Report beefalo and cattalo as cattle in Section 14. Report buffalo as bison in Section 21, Item 2.

Contract and custom feeding operations - Report numbers of all animals or poultry on this operation on December 31, 2017. Animals and poultry kept on a contract or custom basis and moved or sold from this operation in 2017 should be reported as sold. Do NOT include fees received for commodities produced under a production contract in the value of sales. In addition, report in *Section 22 - Production Contracts and Custom Feeding* on the appropriate line the quantity delivered of custom fed livestock or production contract livestock and poultry and the dollar amount received from the contractor.

Cattle, hogs, and poultry to exclude from the report form - Exclude animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Exclude animals quartered in feedlots that were not located on this operation. Do not report the sales of animals bought and then resold within 30 days. Such purchases and sales are considered dealer transactions.

Number sold - Report all animals and poultry sold or moved from this operation in 2017, regardless of ownership or who shared in the receipts. Include animals sold to a landlord or given to a landlord or others in trade or in payment for goods or services. Do not report number sold of any hogs and pigs, cattle and calves, or poultry owned by you that were kept and sold from a location that you did not operate.

Number moved from this operation - For animals and poultry moved from this operation to another, such as for further feeding, report them as "sold." Cattle moved are not considered sold if they were moved to another operation for a short term, such as for winter wheat or corn stubble grazing, or during the winter to public grazing land.

Cattle in feedlots - Exclude the following for this item:

- Cattle and calves sold or moved off the operation for further feeding
- Veal calves or any calves weighing less than 500 pounds
- Cull or dairy cows fed only the usual dairy ration before being sold
- All cows and bulls

SECTION 16 - HORSES, PONIES, MULES, BURROS, AND DONKEYS

Exclude horses owned by this operation but stabled elsewhere. Horses, mules, burros and donkeys that are on this operation should be reported regardless of ownership. Exclude feral equine.

SECTION 17 - SHEEP AND GOATS

Report goats based on utilization regardless of breed. Report pounds of wool shorn and mohair clipped in 2017 only.

SECTION 18 - AQUACULTURE

Include all sizes for each type. Report each type sold or moved on a separate line and specify whether the sale was fish eggs, fry, fingerlings, food size, or a combination. Convert units such as bushels, bags, or gallons to number or pounds. Do not duplicate the same quantity sold in both the pounds and number columns.

SECTION 20 - COLONIES OF HONEY BEES

Item 2 - Report the number of bee colonies owned regardless of location. Report the pounds of honey collected in 2017 whether sold or not sold. Report sales of packaged bees, nuclear colonies, whole colonies, queen, and all non-apix bees (bumble, leaf cutter, etc.) in Section 21, Item 2. Report sales of honey bee products such as wax, pollen, and propolis in Section 21, Item 3. Report pollination fees in Section 32, Item 7.

SECTION 21 - OTHER LIVESTOCK AND LIVESTOCK PRODUCTS

Item 2 - Report the sales of only live animals.

Item 3 - Include pelts and any meat from mink and rabbits.

SECTION 22 - PRODUCTION CONTRACTS AND CUSTOM FEEDING

A production contract is an agreement between a grower and contractor (integrator) that specifies that the grower will raise an agricultural commodity and that the contractor will provide certain inputs such as seed, livestock, etc. The grower receives a payment or fee from the contractor, generally after delivery, which is less than the full market price of the commodity.

Commodities raised under a production contract should be reported in Section 22 and also included in Sections 8 through 21. The money received as a production contract fee is reported in Section 22 only, under "Total dollar amount received" and not in Sections 8 through 21.

Please report amount of the specified commodity that you raised and delivered under production contracts in Item 2. If you had multiple contracts to produce different commodities, report the appropriate amount of each commodity produced under each contract in the proper categories. Exclude marketing contracts, futures contracts, forward contracts, or other contracts based strictly on price. The contractor should not report commodities that were produced by the grower.

SECTION 23 - ORGANIC AGRICULTURE

Certified National Organic Program (NOP) farms, those exempt from certification because they sell less than \$5,000 in organic products a year, and farms with acres transitioning to future NOP production should report in this section.

Item 3 - Report the total sales of NOP organically produced commodities. Include gross value of agricultural sales before expenses or taxes. Exclude sales of crops and livestock from transitioning land. Exclude the value of processed or value added items.

SECTION 24 - PRACTICES

Item 1c - Alley Cropping is the growing of annual or perennial crops between rows of trees. The agricultural crop generates annual income while the tree crop matures. *Silvopasture* combines timber, livestock and forage production on the land. Trees provide longer-term returns, while livestock generates an annual income. *Forest farming* is the intentional management of woodlands to grow non-tree crops such as mushrooms, berries, and root crops under trees. *Riparian forest* buffers are natural or planted trees, shrubs and grasses adjacent to water bodies to protect water resources from non-point source pollution.

Item 3 - Do not include access from a computer at a public site such as a library.

SECTION 25 - FOOD MARKETING PRACTICES

Include only edible commodities sold directly for human consumption, such as vegetables, fruit, eggs, milk, cattle, chickens, hogs, turkeys, etc. Report only commodities grown or raised on this operation. Exclude crops, livestock, poultry, or other products that you bought and resold within 30 days. Exclude nonedible products such as hay, cut flowers, Christmas trees, nursery products, etc.

**SECTION 26 - FERTILIZERS, CHEMICALS, AND SOIL
CONDITIONERS APPLIED**

Fertilizer - Report acres on this operation on which commercial fertilizer was applied during 2017 only once, even if multiple applications were made. Report fertilizer and manure expenditures in Section 30, Item 1.

Chemicals - Include acres on which custom application of chemicals was applied. If multiple applications of chemicals for the same purpose (for example, herbicides) were applied on the same acres, report the acreage only once. If chemicals were applied for different purposes, report the acres for each purpose on which the chemicals were applied. Report agricultural chemical expenditures in Section 30, Item 2. Estimate the acreage for spot treatments.

SECTION 27 - RENEWABLE ENERGY

Item 1 - Report the following renewable energy producing systems, regardless of ownership:

Solar panels - panels designed to capture the sun's energy. Include photovoltaic systems which convert light from the sun into electricity, and thermal systems that passively generate electricity. Include water heaters and pumps. Report if there are solar panels on this operation owned by you or others used to produce electricity. Exclude low wattage solar panels that supply power for just one item, e.g. solar livestock fence or a solar security light.

Wind turbines - Devices which convert wind power into electricity. Include wind generators, wind power units, wind energy converters, and aero generators. Exclude windmills that do not produce electricity. Exclude wind powered water pumps.

Methane digesters - These are devices which capture biogas from the decomposition of manure, processing by-products, and other materials and convert it to methane.

Geothermal/Geexchange system - These are systems which capture heat stored in the earth to reduce the operational costs of heating and cooling.

Small hydro system - These are water driven systems which produce electricity from the gravitational force of falling or flowing water. Exclude water driven systems that only provide mechanical power, such as turning a grinding stone for a flour mill.

Biodiesel production system - Systems which produce nonpetroleum-based diesel fuel from vegetable oil or animal fats.

Ethanol production system - Systems which produce fuel by converting crops such as corn and sugarcane, biomass crops, or wood.

Other, specify - Report any other renewable energy system not listed. Exclude wood-burning stoves and densified biomass-producing systems.

SECTION 28 - MACHINERY AND EQUIPMENT

Report the total on this operation, or normally on this operation and normally used on this operation, in the first column. Do not report obsolete or abandoned equipment. In the second column, report only the number manufactured in the last five years.

SECTION 29 - FARM LABOR

Report the number of paid farm or ranch workers who performed agricultural labor on this operation in 2017. Include paid family members. Include workers such as hired bookkeepers, office workers, maintenance workers, etc., if their work was primarily associated with agricultural production on this operation.

Item 1 - Include any short term or temporary workers who may have worked only a few days. Exclude contract labor.

SECTION 30 - PRODUCTION EXPENSES

Include farm production expenses paid by you or your landlord(s) for crops, livestock, or poultry produced on this operation in 2017 in Items 1 through 16. Include expenses associated with the generation of farm-related income reported in Section 32. Include expenses incurred in 2017 even if they were not paid in 2017. Estimate if exact figures are not known.

Contract growers or custom feeders - Do not report as production expenses the value of inputs provided by the contractor or livestock owner. Identify the items that were contractor provided in Section 22, Item 3.

Item 2 - Include surfactants and oils and other products used to increase a chemical's effectiveness.

Item 6 - Report the purchase cost of all grains, silage, hay, commercially mixed and premixed feeds, ingredients, concentrates, etc., fed to livestock or poultry on this operation. Contract livestock and poultry growers should not report the value of feed that was provided by a contractor. Do not report the value of feed raised and fed on this operation as an expense.

Item 9 - Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. Include expenses for repairs to machinery and equipment used only for custom work if income from those machines is reported in Section 32. Exclude repairs to vehicles not used in the farm business. Exclude expenditures for the construction of new buildings or the cost of additions to existing buildings.

Item 10a - Include labor expense for the farm business for gross salaries and wages, commissions, dismissal pay, vacation pay, and bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Include cost for benefits such as employer's social security contributions, unemployment compensation, worker's compensation insurance, employer paid life and medical insurance expense, pension plans, etc.

Item 10b - Include the labor costs of workers furnished on a contract basis by labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. Report costs for repair work done by a construction contractor in Item 9. Report the cost of customwork or machine hire in Item 11.

Item 12a - Exclude rent paid for operator dwelling or other nonfarm property. Exclude the value of shares of crops or livestock paid to landlords.

Item 13 - Report all interest expenses paid in 2017 for the farm business. Include interest paid on CCC loans in Item 13b. Exclude interest associated with activities not related to production of crops or livestock on this operation, such as land or buildings rented to others, packing sheds, or feed mills that provided services to others. Exclude interest on owner/operator dwelling where the amount is separated from the interest on the land and buildings on this operation.

Item 14 - Include real estate property taxes you paid on the acres and buildings you owned and used in the farm business and property taxes on equipment or livestock. Exclude property taxes on land or buildings rented to someone else, or property taxes paid on other property not associated with the farm business.

SECTION 31 - MARKET VALUE OF LAND, BUILDINGS, MACHINERY, AND EQUIPMENT

Item 1 - Estimate the value of the land, houses, barns, and other buildings for each of the three listed categories if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land, house, and buildings could reasonably be assumed to be sold at that price. Do not deduct real estate marketing charges from your estimate. Report the total value, not the value on a per acre basis.

Item 2 - The estimated market value refers to all machinery and equipment kept primarily on this operation and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Include mobile implements, hand tools, and office supplies. Permanently installed equipment or equipment that is an integral part of a building should be included as a part of the value of land and buildings and reported in Item 1.

SECTION 32 - INCOME FROM FARM-RELATED SOURCES

Report gross amounts received before taxes and expenses.

Item 2 - Exclude rental income from nonfarm property.

Item 3 - Include only those forest products cut from this operation, not items cut from other nonfarm timber acreage. Exclude income from a sawmill business. Report sales of Christmas trees, maple syrup, or sap products in Section 9.

Item 7 - Include pollination fees.

SECTION 33 - AGRICULTURAL ACTIVITY WITHIN THE BORDERS OF AMERICAN INDIAN RESERVATIONS, PUEBLOS, AND SERVICE AREAS

Complete this section if any of your cropland or livestock was on an American Indian Reservation, Pueblo, or service area in 2017. Include trust acres used, as well as deeded land or land leased from others that was on the Reservation.

SECTION 34 - CONCLUSION

Item 1 - If the agricultural activity on your operation might be identified under a different name than is printed on the front of the form (for example, a farm name or another partner), please provide these names.

Item 2a - All farms and ranches should receive their own forms to complete. If you operated another farm or ranch, indicate whether you received a form for that operation.

Index

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
A			
Acres (see Land in farms)			
Age of producers	51, 52, 54, 56, 58, 60, 63, 64, 66, 68, 70-77	45	A, B
Agri-tourism and recreational services	7, 71-77	6	-
Agricultural chemicals purchased .	1, 4, 11, 41, 71-77	3	-
Agricultural products sold, market value	1-3, 11, 41, 48, 50, 53, 55, 57, 59, 61-62, 65, 67, 69, 71-77	1, 2	A, B
Alfalfa hay	34, 35, 71-77	26	-
Alfalfa haylage	34, 35, 71-77	26	-
Alfalfa seed.....	35	26	-
Alley cropping	-	43	-
Almonds.....	37, 71-77	31	A, B
Alpacas	32, 33	23	-
American Indian or Alaska Native producers	50, 52, 54, 56, 58, 60, 64, 66, 68, 70-77	45, 49	A, B, D
Angora goats.....	28	16	-
Apples.....	37, 48, 71-77	31	A, B
Apricots	37	31	-
Aquaculture	2, 31, 41, 48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	2, 22, 44	A, B
Aquatic plants	39	34	-
Artichokes.....	36	29	-
Asian producers	52, 54, 56, 58, 60, 64, 66, 68, 70-77	45, 50	A, B
Asparagus	36	29	-
Austrian winter peas	-	25	-
Average size of farm.....	1, 41, 50, 71-77	1, 8	-
Avocados	37	31	-
B			
Bahia grass seed.....	-	26	-
Baitfish.....	31	22	-
Bananas.....	37	31	-
Barley for grain.....	1, 2, 34, 35, 71-77	1, 2, 24, 25	A, B

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Barn built prior to 1960.....	-	43	-
Beans -			
Limas.....	36	29	-
Dry edible.....	1, 2, 34, 35, 71-77	1, 24, 25	-
Dry limas.....	-	25	-
Snap.....	36, 71-77	29	-
Bedding/Garden plants	39	34	-
Beef cows.....	1, 12, 16, 48, 50, 71-77	1, 11, 44	A, B
Bees, colonies	32	21	-
Beets.....	36	29	-
Bell peppers	36	29	-
Bentgrass seed.....	-	26	-
Bermuda grass seed	-	26	-
Berries.....	2, 34, 35, 38, 41, 71-77	2, 32, 33	A, B
Birdsfoot trefoil seed	-	26	-
Biomass harvested	-	43	-
Bison	32, 33	23	-
Black or African American producers	52, 54, 56, 58, 60, 64, 66, 68, 70-77	45, 51	A, B
Blackberries and dewberries.....	38	33	-
Blueberries.....	38	33	-
Boysenberries.....	38	33	-
Breeding livestock purchased, expense	4, 71-77	3	-
Broccoli.....	36	29	-
Broilers and other meat-type chickens	1, 30, 42, 48, 71-77	1, 19, 38	A, B
Bromegrass seed	-	26	-
Brussels sprouts	36	29	-
Buckwheat	-	25	-
Bulbs, corms, tubers, and rhizomes	39	34	-
Bureau of Reclamation, irrigation water	-	43	-
Burros (see Mules, burros, and donkeys)			
C			
Cabbage -			
Chinese.....	36	29	-
Head	36	29	-
Mustard	32	29	-
Camelina	35	25	-
Canola	35	25	-
Cantaloupes.....	36	29	-
Carrots.....	36	29	-
Cash rent expense	4, 11, 71-77	3	-
Cash rent or share payments received.....	7, 71-77	6	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Catfish.....	31	22	-
Cattle and calves.....	1, 2, 11-18, 41, 42, 48, 71-77	1, 2, 11	A, B
Cattle and calves, herd size.....	14-17	-	-
Cattle feedlots.....	42, 48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	44	-
Cauliflower.....	36	29	-
Celery.....	36	29	-
Certified or exempt organic products sales value.....	41, 51	42	-
Chemicals.....	1, 4, 11, 41, 46, 71-77	3, 40	-
Cherries -			
Sweet.....	37	31	-
Tart.....	37	31	-
Chestnuts.....	37	31	-
Chicory.....	36	29	-
Chukars (Chukkars).....	30	20	-
Citrus fruit.....	37, 48, 71-77	31	-
Coefficient of variation.....	-	-	B
Coffee.....	37	31	-
Collards.....	36	29	-
Colonies of bees.....	32	21	-
Combined market value of agricultural products sold and government payments.....	3, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	-	-
Combines, grain and bean.....	45, 71-77	39	-
Commercial fertilizer.....	46, 71-77	40	-
Commodity Credit Corporation loans.....	6, 11, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	5	-
Community supported agriculture	-	-	-
Computer use.....	53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	45	-
Conservation practices.....	8, 47, 71-77	8, 41	-
Conservation Reserve Programs....	6, 8, 11, 47, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	5, 8	-
Contract labor expense.....	4, 11, 71-77	3, 7	-
Corn.....	1, 2, 34, 35, 48, 71-77	1, 2, 24-26	A, B
Corporations.....	1, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	45	A, B
Cotton.....	1, 34, 35, 71-77	1, 24, 25	A, B
Cotton and cottonseed.....	2, 41, 71-77	2	-
Cotton pickers and strippers self-propelled.....	45, 71-77	39	-
Coverage adjustment.....	-	-	A, C
Cow herd size.....	14-17, 71-77	-	-
Cowpeas, dry.....	-	25	-
Cowpeas, green.....	36	29	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Cows and heifers that calved	12, 14-17, 71-77	11	-
Cranberries.....	38	33	-
Crimson clover seed.....	-	26	-
Crop insurance, conservation, and organic practices	8, 71-77	8	-
Crop insurance, land covered.....	8, 71-77	8	-
Cropland -			
For pasture or grazing only	8, 50, 71-77	8	-
Harvested	1, 8-11, 41, 48, 50, 71-77	1, 8-10, 24, 45	A, B
Idle or used for cover crops or soil improvement	8, 71-77	8	-
On which crops failed	8, 71-77	8	-
Summer fallow	8, 71-77	8	-
Crops, including nursery and greenhouse, value	1, 2, 11, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69	1, 2	-
Crustaceans	31	22	-
Cucumbers	36	29	-
Currants.....	38	33	-
Customwork and custom hauling expense	4, 11, 71-77	3	-
Customwork and other agricultural services income.....	7, 71-77	6	-
Cultivated Christmas trees	2, 40, 41, 71-77	2, 35	-
Cultivated Christmas trees and short- rotation woody crops, sales value	2, 41, 71-77	2	-
Cut flowers.....	49	34	-
Cuttings, seedlings, liners, and plugs.....	39	34	-
D			
Daikon.....	36	29	-
Dairy cows	1, 11, 12, 42, 50, 71-77	1, 11, 38, 44	A, B
Dates	37	31	-
Days worked off farm	51, 52, 54, 56, 58, 60, 63, 64, 66, 68, 70-77	45	-
Decisionmaking	52, 54, 56, 58, 60, 63, 64, 66, 68, 70-77	45	-
Deer.....	32, 33	23	-
Defoliation chemicals applied	46, 71-77	40	-
Depreciation expense	4, 71-77	3	-
Dill for oil	-	27	-
Direct sales to consumers	2, 71-77	2	-
Diseases, chemical control.....	46, 71-77	40	-
Donkeys (see Mules, burros, and donkeys)			
Dry edible beans	1, 34, 35, 71-77	1, 24, 25	-
Ducks	30	20	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
E			
Economic class of farms.....	3, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	2	-
Eggs, chicken.....	42	38	-
Eggplant.....	36	29	-
Elk.....	32, 33	23	-
Energy, renewable	49, 71-77	43	-
Emmer and spelt	-	25	-
Emus	30	20	-
Energy (see Renewable energy)			
Equine.....	29, 48	18	-
Equipment and machinery	1, 4, 11, 41, 44, 45, 48, 50 71-77	1, 3, 39	-
Escarole and endive	36	29	-
Estimated market value of land and buildings	1, 11, 41, 43, 50, 71-77	1, 8	-
Estimated market value of machinery and equipment	1, 11, 41, 44, 50, 71-77	1, 39	-
Expenses paid by landlords	4, 71-77	3	-
Expenses, total farm production	1, 4, 11, 41, 50, 71-77	1, 3	-
F			
Family held corporations.....	71-77	45	A, B
Family or individual operations.....	1, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	45	A, B
Farm characteristics.....	53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	-	B
Farm production expenses	1, 4, 11, 41, 50, 71-77	1, 3	-
Farm size.....	1, 9, 41, 50, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	1, 8-10	A, B
Farmer (see Producers)			
Farmland, rent income received	7, 71-77	6	-
Farms, number	1-53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	1, 8, 9, 10, 44-57	A, B, C
Feed purchased, expense	1, 4, 11, 41, 71-77	3	-
Fertilizer and chemicals applied....	11, 46, 71-77	40	-
Fertilizer, lime, and soil conditioners purchased, expense ..	1, 4, 11, 41, 46, 71-77	3, 40	-
Fescue seed.....	35	26	-
Field and grass seed crops	35, 71-77	26	-
Figs	37	31	-
Filberts (hazelnuts)	37	31	-
Flaxseed.....	35	25	-
Floriculture crops.....	39, 41, 48	34	-
Flower seeds	39	34	-
Foliage plants.....	39	34	-
Food crops	39	34	-
Forage, all, land used.....	1, 34, 35, 71-77	1, 24, 26	A, B
Forage harvesters, self-propelled...	45, 71-77	39	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Forest farming.....	-	43	-
Forest products, sales values.....	7, 71-77	6	-
Fruit and tree nuts	2, 37, 41, 48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	2, 31, 44	-
Fruits, tree nuts, and berries, sales value.....	2, 41, 71-77	2	-
Fuels purchased, expense.....	1, 4, 11, 41, 71-77	3	-
Full owners	50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	45	A, B
G			
Gains, net income	5, 71-77	4	-
Game or sport fish.....	31	22	-
Garden plants sold	39	34	-
Garlic	36	29	-
Gasoline, fuels, and oils purchased expense	1, 4, 11, 41, 71-77	3	-
Geese.....	30	19, 20	-
Ginger root.....	36	29	-
Ginseng	36	29	-
Goats	2, 28, 33, 41, 71-77	2, 14-17	-
Government payments	3, 6, 7, 11, 41, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	1, 5	-
Grain and bean combines.....	45, 71-77	39	-
Grains, oilseeds, dry beans, dry peas	2, 41, 71-77	2	-
Grapefruit.....	37	31	-
Grapes	37, 48, 71-77	31	A, B
Grass silage	1, 34, 35, 71-77	1, 24, 26	A, B
Greenchop.....	1, 34, 35, 71-77	1, 24, 26	A, B
Greenhouse fruits and berries	39	34	-
Greenhouse vegetables and fresh cut herbs.....	39	34	-
Greenhouse tomatoes.....	39	34	-
Guar	-	27	-
Guavas	37	31	-
Guineas.....	30	20	-
H			
Harvested cropland	1, 8-11, 41, 48, 50, 71-77	1, 8-10, 24, 45	-
Hawaiian (see Native Hawaiian and Other Pacific Islander)			
Hay.....	34, 35, 48, 71-77	24, 26	-
Hay balers	45, 71-77	39	-
Haylage, grass silage, and greenchop	1, 34, 35, 71-77	24, 26	A, B
Hazelnuts (Filberts).....	37	31	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Head lettuce	36	29	-
Heifers	12, 14-17, 42, 71-77	11, 38	-
Herbs.....	36, 39	27, 29, 34	-
Hired farm labor	1, 4, 11, 41, 71-77	3, 7	-
Hired managers.....	52, 54, 56, 58, 60, 63, 64, 66, 68, 70-77	-	-
Hispanic, Latino, or Spanish origin	52, 54, 56, 58, 59, 60, 63, 64, 66, 68, 70-77	45, 48	A, B
Hogs and pigs	1, 2, 11, 19-26, 41, 42, 48, 71-77	1, 2, 12, 38, 44	A, B
Honey bees	32	21	-
Honey collected	33	21	-
Honeydew melons	36	29	-
Hops.....	35	27	-
Horseradish.....	36	29	-
Horses and ponies.....	29, 71-77	18	-
Horses, ponies, mules, burros and donkeys, sales value	2, 41, 71-77	2	-
Households sharing in farm income	53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	-	-
Hungarian partridges	30	20	-
I			
Income from farm-related sources	7, 11, 50, 71-77	1, 6	-
Insects, chemical control	46, 71-77	40	-
Institutional farms.....	50	-	-
Insurance payments	7, 71-77	6	-
Interest expenses.....	1, 4, 11, 41, 71-77	3	-
Internet access.....	53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	45	-
Irrigated land.....	1, 9-11, 34, 35, 40, 50, 71- 77	1, 10, 24-28, 30, 32, 35, 36	A, B
J			
Jojoba.....	-	27	-
K			
Kale.....	36	29	-
Kentucky bluegrass seed	-	26	-
Kiwifruit	37	31	-
Kumquats.....	37	31	-
L			
Labor expense, hired.....	1, 4, 11, 41, 71-77	3, 7	-
Land and buildings, estimated market value	1, 11, 41, 43, 41, 48, 50, 71-77	8	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Land in farms, acres.....	1, 8, 9, 11, 41, 48, 50 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	8, 45, 46-57	A, B, C
Land owned.....	71-77	45	-
Land rented or leased to others	53, 55, 57, 59, 61, 62, 71- 77	-	-
Land use.....	8, 11, 50, 71-77	8	-
Land use practices.....	47, 71-77	41	-
Land used for vegetables	35, 71-77	28	-
Landlord's share of production expenses.....	4, 71-77	3	-
Landlord's share of sales	2, 71-77	-	-
Layers.....	1, 30, 42, 71-77	1, 19, 38	A, B
Leaf lettuce	36	29	-
Legal status for tax purposes	1, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	45	A, B
Lemons.....	37	31	-
Lentils	35	25	-
Lespedeza seed	-	26	-
Lettuce	36	29	A, B
Lima beans - Green.....	36	29	-
Dry	-	25	-
Limes	37	31	-
Livestock and poultry purchased expense	1, 4, 11, 41, 71-77	3	-
Livestock inventory	1, 11, 71-77	1	-
Livestock, poultry, and their products, value.....	1, 2, 11, 50, 53, 55, 57, 59, 61, 62, 71-77	1, 2	-
Llamas.....	32, 33	23	-
Loganberries	38	33	-
Losses, net income.....	5, 71-77	4	-
M			
Macadamia nuts	37	31	-
Machinery and equipment - Estimated market value	1, 11, 41, 44, 48, 50, 71-77	1, 39	-
Number	45	39	-
Rent and lease expense	4, 11, 71-77	3	-
Mangoes.....	37	31	-
Manure applied	46, 71-77	40	-
Maple syrup	2, 40, 41, 71-77	2, 37	-
Marionberries (see Blackberries and dewberries)			

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Market value of agricultural products	1-3, 11, 41, 48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	1, 2	A, B
Market value of agricultural products sold and government payments.....	3, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	-	-
Meat and other goats.....	28	17	-
Melons	36	29	-
Migrant workers	71-77	7	-
Milk from cows	2, 41, 48, 71-77	2	-
Milk cows	1, 11, 12, 17, 71-77	1, 11, 44	A, B
Milk from sheep and goats	33	-	-
Milk goats.....	28	15	-
Mink, live.....	32, 33	-	-
Miscanthus.....	-	27	-
Mint for oil.....	35	27	-
Mint for tea leaves	-	27	-
Miscellaneous poultry.....	30	19, 20	-
Misclassification adjustment	-	-	A, C
Mohair	28, 33	16	-
Mollusks	31	22	-
More than one race, producers	52, 54, 56, 58, 60-64, 66, 68, 70-77	45, 54	A, B
Mules, burros, and donkeys.....	2, 29, 41, 71-77	2, 18	-
Mushroom spawn	39	34	-
Mushrooms	39	34	-
Mustard greens	36	29	-
Mustard seed.....	-	25	-
N			
National Appeals Division.....	-	43	-
Native Hawaiian or other Pacific Islander producers	52, 54, 56, 58, 60, 61, 62, 64, 66, 68, 70-77	45, 52	A, B
Nectarines	37	31	-
Nematodes, chemical control	46, 71-77	40	-
Net cash farm income of the operations and producers.....	5, 71-77	1, 4	A, B
Net gain.....	5, 71-77	4	-
Net loss	5, 71-77	4	-
New and beginning producers	69, 70	57	-
Noncitrus fruit, all.....	37, 48	31	-
Nonirrigated farms.....	11, 34	-	-
Nonresponse adjustment.....	-	-	A, C
North American Industry Classification System (NAICS)-			

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
All other animal production (11299).....	48	-	-
All other crop farming (11199)	48	-	-
Animal aquaculture (1125)	48	-	-
Aquaculture and other animal production (1125, 1129)	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69,71-77	44	-
Animal production (112).....	48	-	-
Apiculture (11291).....	48	-	-
Apple orchards (111331).....	48	-	-
Beef cattle ranching and farming including feedlots (11211).....	48	44	-
Beef cattle ranching and farming (112111).....	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	44	-
Berry (except strawberry) farming (111334).....	48	-	-
Broilers and other meat-type chicken production (11232).....	48	-	-
Cattle feedlots (112112).....	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69,71-77	44	-
Cattle ranching and farming (1121).....	48	-	-
Chicken egg production (11231)	48	-	-
Citrus (except orange) groves (11132).....	48	-	-
Corn farming (11115).....	48	-	-
Cotton farming (11192).....	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	44	-
Crop farming, all other (11199)...	48,	44	-
Crop production (111).....	48	-	-
Dairy cattle and milk production (11212).....	48, 53, 55, 57, 59, 61, 62, 65, 67, 69,71-77	44	-
Dry pea and bean farming (11113).....	48	-	-
Floriculture production (111422)	48	-	-
Food crops grown under cover (11141).....	48	-	-
Fruit & nut combination farming (111336)	48	-	-
Fruit and tree nut farming (1113)	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	44	-
Fur-bearing animal and rabbit production (11293).....	48	-	-
Goat farming (11242).....	48	-	-
Grape vineyards (111332).....	48	-	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Greenhouse, nursery, and floriculture production (1114)...	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	44	-
Hay farming (11194).....	48	-	-
Hog and pig farming (1122).....	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	44	-
Horse and other equine production (11292).....	48	-	-
Noncitrus fruit and tree nut farming (11133).....	48	-	-
Nursery and floriculture production (11142).....	48	-	-
Nursery and tree production (111421).....	48	-	-
Oilseed and grain farming (1111)	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	44	-
Oilseed (except soybean) farming (11112).....	48	-	-
Orange groves (11131).....	48	-	-
Other animal production (1129)...	48,	-	-
Other crop farming (1119).....	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	44	-
Other grain farming (11119).....	48	-	-
Other noncitrus fruit farming (111339).....	48	-	-
Other poultry production (11239)	48	-	-
Other vegetable (except potato) and melon farming (11219).....	48	-	-
Potato farming (111211).....	48	-	-
Poultry and egg production (1123).....	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	44	-
Poultry hatcheries (11234).....	48	-	-
Rice farming (11116).....	48	-	-
Sheep and goat farming (1124)...	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	44	-
Sheep farming (11241).....	48	-	-
Soybean farming (11111).....	48	-	-
Strawberry farming (111333).....	48	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	44	-
Sugarcane farming (11193).....	48	-	-
Tobacco farming (11191).....	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	44	-
Tree nut farming (111335).....	48	-	-
Turkey production (11233).....	48	-	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Vegetable and melon farming (1112).....	48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	44	-
Wheat farming (11114).....	48	-	-
Number of farms.....	1-53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	1-57	A, B, C
Number of households sharing in net income of operation	53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	45	-
Number of producers	52-77	45	-
Number of persons living in producers' household.....	52-77	45	-
Nursery crops.....	39	2, 34	-
Nursery, greenhouse, floriculture, and sod, sales value	2, 41, 71-77	2	-
Nursery stock	39	34	-
Nuts, all.....	37	31	-
O			
Oats	1, 34, 35, 71-77	1, 24, 25	A, B
Occupation of producer	51, 52, 54, 56, 58, 60, 63, 64, 66, 68, 70-77	45	-
Off-farm work by producer.....	51, 52, 54, 56, 58, 60, 63, 64, 66, 68, 70-77	45	-
Okra	36	29	-
Olives.....	37	31	-
Onions.....	36	29	-
Operators (see Producer characteristics)			
Operators (2012)	52	-	-
Oranges	37	31	A, B
Orchardgrass seed.....	-	26	-
Orchards.....	1, 34, 35, 46, 48, 71-77	1, 24, 30, 40	A, B
Organic agriculture	41, 51, 71-77	42	-
Organic fertilizer used	46	40	-
Ornamental fish.....	31	22	-
Ostriches	30	20	-
Other animals and other animal products	2, 32, 33, 41, 71-77	2	-
Other aquaculture products.....	31	22	-
Other berries	38	33	-
Other citrus	37, 48	31	-
Other dry hay	34, 35, 71-77	26	-
Other farm characteristics.....	53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	-	-
Other farm production expenses	1, 4, 11, 71-77	3	-
Other farm-related income.....	7, 71-77	6	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Other federal farm program payments.....	6, 53, 55, 57, 59, 61, 62, 65, 67, 69	5	-
Other floriculture and bedding crops	39	34	-
Other food fish.....	31	22	-
Other livestock.....	32, 33	23	-
Other livestock products.....	33	23	-
Other livestock and poultry purchased or leased	4, 71-77	3	-
Other noncitrus	37, 48	31	-
Other poultry.....	30, 48	20	-
Other vegetables	36	29	-
Owned land in farms.....	11, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	45	-
P			
Pacific Islander (see Native Hawaiian and Other Pacific Islander)			
Packing facility	-	43	-
Papayas	37	31	-
Parsley	36	29	-
Part owners	50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	45	A, B
Partnerships	1, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	45	A, B
Passion fruit.....	37	31	-
Pastureland.....	8, 10, 11, 41, 50, 71-77	8, 10, 40	-
Patronage dividends and refunds from cooperatives	7, 71-77	6	-
Payroll.....	-	7	-
Peaches	37, 71-77	31	-
Peacocks and peahens.....	30	20	-
Peanuts.....	1, 34, 35, 71-77	1, 24, 25	A, B
Pears.....	37	31	-
Peas -			
Chinese	36	29	-
Dry edible	35	25	-
Dry southern (cowpeas).....	-	25	-
Green (excluding southern)	36, 71-77	29	-
Green southern (cowpeas)	36	29	-
Pecans	37, 71-77	31	-
Peppers.....	36	29	-
Permanent pasture and rangeland..	8, 50, 71-77	8	-
Persimmons	37	31	-
Pesticides, acres applied	46, 71-77	40	-
Pheasants	30	20	-
Pigeons or squab.....	30	20	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Pima cotton	34, 35	1, 25	-
Pineapples	37	31	-
Pistachios	37	31	-
Place of residence	51, 52, 54, 56, 58, 69, 63, 64, 66, 68, 70, 71-77	45	-
Plums and prunes	37	31	-
Plumcots, pluots, and other plum- apricot hybrids	37	31	-
Pomegranates	37	31	-
Popcorn	35	25	-
Potatoes	1, 2, 36, 41, 42, 71-77	1, 2, 29, 38	A, B
Potted flowering plants	39	34	-
Poultry.....	1, 2, 4, 11, 30, 41, 48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	1, 2, 19, 20, 38, 44	A, B
Poultry hatched	30	20	-
Primary occupation (see Producer, primary occupation)			
Principal producer (see Producer, principal)			
Producer characteristics -			
Age	51, 52, 54, 56, 58, 60, 63, 64, 66, 68, 70-77	45	A, B
American Indian or Alaska Native Producers.....	52, 54, 56, 58, 60-64, 66, 68, 70-77	45, 49	A, B, D
Asian	52, 54, 56, 58, 60-64, 66, 68, 70-77	45, 50	A, B
Black or African American	52, 54, 56, 58, 60-64, 66, 68, 70-77	45, 51	A, B
Days of work off farm.....	51, 52, 54 56, 58, 60, 63, 64, 68, 70-77	45	-
Female	51-54, 57-77	45, 47	A, B
Hired manager	52, 54,56, 58, 60, 63, 64, 66, 68, 70-77	45	-
Hispanic, Latino, or Spanish origin.....	52, 54, 56, 58, 59, 60, 63, 64, 66, 68, 70-77	45, 48	A, B
Male.....	51-56, 59-77	45, 46	A, B
Military service.....	51, 52, 54, 56, 58, 60, 63- 66, 68, 70-77	45, 55	A, B
More than one race reported	52, 54, 56, 58, 60-64, 66, 68, 70-77	45, 54	A, B
Native Hawaiian or Other Pacific Islander	51, 52, 54, 56, 58, 60, 63, 64, 66, 68, 70-77	45, 52	A, B
Number of persons living in producers' households	52, 54, 56, 58, 60, 63, 64, 66, 68, 70-77	45	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Place of residence	52, 54, 56, 58, 60, 63, 64, 66, 68, 70-77	45	A, B
Primary occupation	51, 52, 54, 56, 58, 60, 63, 64, 66, 68, 70-77	45	A, B
Principal producer	52, 55-60, 62, 64, 70-77	45-57	A, B
Race.....	52, 54, 56, 58, 60-64, 66, 68, 70-77	45, 54	A, B
White.....	52, 54, 56, 58, 60-64, 68, 70-77	45, 53	A, B
Years on present farm	51, 52, 54, 56, 58, 60, 63, 64, 66, 68, 70-77	45	-
Years operating any farm.....	52, 54, 56, 58, 60, 63, 64, 66, 68, 71-77	45	-
Young producers.....	52, 54, 56, 58, 60, 63, 64, 66-68, 70-77	45, 56	-
Production contracts	42	38	-
Production expenses	1, 4, 11, 41, 50, 71-77	1, 3	-
Propagative materials sold.....	39	34	-
Property taxes paid, expense	4, 11, 71-77	3	-
Proso millet.....	35	25	-
Prunes	37	31	-
Pullets for laying flock replacement	30, 42, 71-77	19, 38	-
Pumpkins	36	29	-
Q			
Quail	30	20	-
R			
Rabbits, live.....	32, 33	23	-
Race of producer.....	52, 54, 56, 58, 60-64, 66, 68, 70-77	45, 49-54	A, B
Radishes.....	36	29	-
Rapeseed.....	-	25	-
Raspberries	38	33	-
Recreational services income	7, 71-77	6	-
Red clover seed.....	-	26	-
Renewable energy.....	49, 71-77	43	-
Rent and lease expenses for machinery, equipment, and farm share of vehicles	4, 11, 71-77	3	-
Rent or share payments income.....	7, 71-77	6	-
Rented or leased land.....	11, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	45	-
Rheas	30	20	-
Rhubarb	36	29	-
Rice.....	1, 2, 34, 35, 48, 71-77	1, 2, 24, 25	A, B
Romaine lettuce	36	29	-
Roosters	30	20	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Rotational or management intensive grazing	-	43	-
Rye for grain	35	25	-
Ryegrass seed.....	35	26	-
S			
Safflower.....	35	25	-
Seed harvested	35, 39, 71-77	24-27, 34	-
Seedlings.....	39	34	-
Seeds, plants, vines, and trees expense	4, 11, 71-77	3	-
Sesame	-	27	-
Sex of producer.....	51, 52, 54, 60, 63, 64, 66, 68, 70-77	45-47	A, B
Share payments	7, 71-77	6	-
Sheep and lambs	11, 27, 33, 41, 71-77	1, 2, 13	-
Sheep, goats, wool, mohair, and milk sales value	2, 41, 71-77	2	-
Short rotation woody crops.....	2, 40, 41, 71-77	2, 36	-
Silage	1, 34, 35, 71-77	1, 24, 26	-
Silvopasture	-	43	-
Sod	39	34	-
Soil conditioners	1, 4, 11, 41, 46, 71-77	3, 40	-
Sorghum.....	1, 2, 34, 35, 71-77	1, 2, 24-27	A, B
Soybeans	1, 2, 34, 35, 71-77	1, 2, 24, 25	A, B
Spearmint for oil	-	27	-
Specified fruits and nuts, acres	37	31	-
Spinach.....	36	29	-
Sport or game fish.....	31	22	-
Spring wheat, other	1, 34, 35	1, 25	A, B
Squab	30	20	-
Squash.....	36	29	-
State and local government program payments	7, 71-77	6	-
Stockholders in farm corporation ..	71-77	-	-
Strawberries	38	33	-
Sudangrass seed.....	-	26	-
Sugarbeets.....	1, 34, 35, 71-77	1, 24, 25	-
Sugarcane.....	1, 34, 35, 48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	1, 24, 25	-
Summer squash.....	36	29	-
Sunflower seed	1, 35, 71-77	1, 24, 25	-
Supplies, repairs, and maintenance, expense	4, 11, 71-77	3	-
Sweet corn.....	36, 71-77	27, 29	-
Sweet potatoes	1, 2, 36, 41, 71-77	1, 2, 29	-
Switchgrass	-	27	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
T			
Tangelos.....	37	31	-
Tangerines	37	31	-
Taps, maple syrup.....	40	37	-
Taro.....	36	29	-
Taxes, property	4, 11, 71-77	3	-
Tenants.....	50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	45	A, B
Tenure of producer	50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	45	A, B
Tillage, intensive	47, 71-77	41	-
Tillage, reduced	47, 71-77	41	-
Timothy seed	-	26	-
Tobacco	1, 2, 34, 35, 41, 48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	1, 2, 24, 25, 44	-
Tobacco transplants	39	34	-
Tomatoes	36, 39, 71-77	29, 34	A, B
Tomatoes, greenhouse	39	34	-
Total cropland.....	1, 11, 8, 41, 50, 71-77	1, 8	-
Total farm production expenses	1, 4, 11, 41, 50, 71-77	1, 3	-
Total sales.....	2, 71-77	2	-
Total woodland.....	8, 50, 71-77	8	-
Tractors.....	45, 71-77	39	-
Triticale.....	-	25	-
Trout	31	22	-
Trucks	45, 71-77	39	-
Tubers	39	34	-
Turkeys	30, 42, 71-77	19, 38	-
Turnip greens.....	36	29	-
Turnips.....	36	29	-
U			
Upland cotton	34, 35	1, 25	-
Utilities, expense	4, 11, 41, 71-77	3	-
V			
Valencia oranges.....	37	31	-
Value added products	2	2	-
Value -			
Agricultural products sold	1-3, 11, 41, 48, 50, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	1, 2	A, B, C
Commodities under production			
contract	42	38	-
Land and buildings	1, 11, 41, 43, 48, 50, 71- 77	1, 8	-
Landlord's share of total sales	2, 71-77	-	-

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Machinery and equipment.....	1, 11, 41, 44, 48, 50, 71-77	1, 39	-
Organic product sales.....	41, 51, 71-77	42	-
Veal calves.....	-	43	-
Vegetable seeds.....	39	34	-
Vegetable transplants.....	39	34	-
Vegetables	1, 2, 34-36, 39, 42, 71-77	1, 2, 24, 28, 29, 34, 38	A, B
Vetch seed.....	-	26	-
W			
Walnuts, English.....	37, 71-77	31	-
Watercress.....	36	29	-
Watermelons	36	29	-
Weeds, grass, or brush, chemical control	46, 71-77	40	-
Wetlands Reserve Program.....	6, 8, 11, 53, 55, 57, 59, 61, 62, 65, 67, 69, 71-77	5, 8	-
Wheat -			
All	1, 2, 34, 35, 48, 71-77	1, 2, 24, 25	-
Durum	1, 34, 35	1, 25	A, B
Other spring	1, 34, 35	1, 25	A, B
Winter	1, 34, 35	1, 25	A, B
Wheatgrass seed.....	-	26	-
White clover seed.....	-	26	-
White producers.....	52, 54, 56, 58, 60-64, 66, 68, 70-77	45, 53	A, B
Wild rice	-	25	-
Winter squash	36	29	-
Women producers (also Female producers)	51-54, 58-77	45-47	A, B
Woodland crops	2, 7, 40, 41, 71-77	2, 6, 35-37	-
Woodland, total.....	8, 50, 71-77	8	-
Wool production	27	13	-
Y			
Years on present farm.....	51, 52, 54, 56, 58, 60, 63, 64, 66, 68, 71-77	45	-
Years operating any farm.....	52, 54, 56, 58, 60, 63, 64, 66, 68, 71-77	45	-
Young producers.....	52, 54, 56, 58, 60, 63, 64, 66, 67, 68, 70-77	45, 56	-