1997
Census of Agriculture

AC97-A-22

Michigan
State and County Data

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Part 22

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Contents

Page

Introduction VII

MAPS

State Map 1

County Maps:
1. Land in Farms by County: 1997 2
2. Market Value of Agricultural Products Sold by County: 1997 3
3. Value of Crops Sold by County: 1997 4
4. Farm Operators Reporting Principal Occupation as Farming by County: 1997 5

FIGURES

1. Profile of the State's Agriculture: 1997 6
2. Percent of Farms and of Market Value of Agricultural Products Sold: 1997 7
3. Farms by Market Value of Agricultural Products Sold: 1969 to 1997 7
4. Land Use: 1997 8
5. Selected Crops Harvested: 1997 8
6. Value of Livestock, Poultry, and Their Products Sold: 1997 9
7. Production Expenses: 1997 9

TABLES

CHAPTER 1. State Data

1. Historical Highlights: 1997 and Earlier Census Years 10
2. Market Value of Agricultural Products Sold and Direct Sales: 1997, 1992, and 1987 12
3. Farm Production Expenses: 1997, 1992, and 1987 13
4. Net Cash Return From Agricultural Sales: 1997 and 1992 16
5. Government Payments and Other Farm-Related Income: 1997 and 1992 17
6. Commodity Credit Corporation Loans: 1997 and 1992 18
7. Land Use: 1997, 1992, and 1987 19
8. Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1997 and 1992 20
9. Irrigation: 1997, 1992, and 1987 20
10. Selected Characteristics of Irrigated and Nonirrigated Farms: 1997 and 1992 21
11. Value of Land and Buildings: 1997, 1992, and 1987 22
12. Value of Machinery and Equipment on Place: 1997 and 1992 22
13. Selected Machinery and Equipment on Place: 1997 and 1992 22
14. Petroleum Products Expenses: 1997, 1992, and 1987 23
15. Agricultural Chemicals Used, Including Fertilizer: 1997, 1992, and 1987 23
16. Tenure and Characteristics of Operator and Type of Organization for All Farms and Farms Operated by Black and Other Races: 1997, 1992, and 1987 24
17. Selected Characteristics of Farms by Specified Racial Groups, Sex of Operators, and Persons of Spanish, Hispanic, or Latino Origin: 1997 and 1992 25
18. Selected Characteristics of Farms by North American Industry Classification System: 1997 27
19. Selected Characteristics of Reservations and Abnormal Farms: 1997 and 1992 28
20. Poultry—Inventory and Sales: 1997 and 1992 28
21. Layers, Pullets, and Pullet Chicks— Number Sold: 1997 and 1992 29
22. Poultry—Inventory and Sales by Farms With Layers and Pullets 13 Weeks Old and Older: 1997 29
23. Turkeys—Number Sold: 1997 30
24. Cattle and Calves—Inventory: 1997 and 1992 30

Page

25. Cattle and Calves—Sales: 1997 and 1992 31
26. Cattle and Calves Herd Size by Inventory and Sales: 1997 31
27. Cow Herd Size by Inventory and Sales: 1997 32
28. Beef Cow Herd Size by Inventory and Sales: 1997 32
29. Milk Cow Herd Size by Inventory and Sales: 1997 33
30. Cattle and Calves—Number Sold Per Farm by Sales: 1997 33
31. Hogs and Pigs—Inventory: 1997 and 1992 34
32. Hogs and Pigs—Sales: 1997 and 1992 34
33. Hogs and Pigs—Litters Farrowed: 1997 and 1992 35
34. Hogs and Pigs Herd Size by Inventory and Sales: 1997 35
35. Hogs and Pigs—Inventory and Sales by Number Sold Per Farm: 1997 35
36. Hogs and Pigs—Inventory, Sales, and Litters by Total Litters Farrowed: 1997 36
37. Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992 36
38. Sheep and Lambs—Inventory, Shorn, and Sales by Size of Flock: 1997 36
39. Ewes 1 Year Old or Older—Inventory, Shorn, and Sales by Size of Ewe Flock: 1997 37
40. Other Livestock and Livestock Products— Inventory and Sales: 1997 and 1992 37
41. Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1997 38
42. Specified Crops by Acres Harvested: 1997 and 1992 39
43. Specified Fruits and Nuts by Acres: 1997 and 1992 41
44. Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale by Value of Sales: 1997 and 1992 42
45. Farms by Concentration of Market Value of Agricultural Products Sold: 1997 44
46. Summary by Tenure of Operator: 1997 46
47. Summary by Type of Organization: 1997 56
48. Summary by Age and Principal Occupation of Operator: 1997 66
49. Summary by Size of Farm: 1997 86
50. Summary by Market Value of Agricultural Products Sold: 1997 106
51. Summary by North American Industry Classification System: 1997 126
52. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997 146

CHAPTER 2. County Data

1. County Summary Highlights: 1997 166
2. Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992 177
3. Farm Production Expenses: 1997 and 1992 199
4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992 210
5. Hired Farm Labor—Workers and Payroll: 1997 225
6. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992 236
7. Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992 258
8. Irrigation: 1997 and 1992 269
9. Machinery and Equipment on Place: 1997 and 1992 280
10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992 291
11. Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992 . 297
12. Farms With Sales of $10,000 or More: 1997 and 1992 319
13. Selected Crops Harvested: 1997 and 1992 374
14. Cattle and Calves—Inventory and Sales: 1997 and 1992 396
15. Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992 422
16. Poultry—Inventory and Sales: 1997 and 1992 433
17. Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992 444
18. Horses and Ponies—Inventory and Sales: 1997 and 1992 450
19. Milk Goats—Inventory and Sales: 1997 and 1992 451
20. Angora Goats—Inventory and Sales: 1997 and 1992 452
21. Mink and Their Pelts—Inventory and Sales: 1997 and 1992 452
22. Colonies of Bees and Honey—Inventory and Sales: 1997 and 1992 453
23. Fish Sales: 1997 and 1992 454
24. Miscellaneous Poultry—Inventory and Sales: 1997 and 1992 454
25. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1997 and 1992 458
26. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992 462
27. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1997 and 1992 469

Page

28. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992 471
29. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992 480
30. Land in Orchards: 1997 and 1992 493
31. Fruits and Nuts: 1997 and 1992 495
32. Berries Harvested for Sale: 1997 and 1992 501
33. Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992 504
34. Other Crops: 1997 and 1992 512
35. Farms Operated by Black and Other Races by Value of Sales and Occupation: 1997 and 1992 514
36. Farms Operated by Black and Other Races by Tenure: 1997 and 1992 514
37. Operators by Selected Racial Groups: 1997 and 1992 515
38. Operators of Spanish, Hispanic, or Latino Origin: 1997 and 1992 516
39. Farms With Grazing Permits: 1997 and 1992 516

APPENDIXES

A. General Explanation A–1
B. American Indian Farm Operators B–1
C. Statistical Methodology C–1
D. Report Forms and Information Sheets D–1
E. Conversion From the 1987 Standard Industrial Classification System to the 1997 North American Industry Classification System E–1
F. Units of Weights, Measures, and Metric Conversion Factors F–1

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

Introduction

HISTORY

For more than 150 years, the U.S. Department of Commerce, Bureau of the Census, conducted the census of agriculture. However, the 1997 Appropriations Act transferred the responsibility from the Bureau of the Census to the U.S. Department of Agriculture (USDA), National Agricultural Statistics Service (NASS). The 1997 Census of Agriculture is the first census conducted by NASS.

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

CENSUS USES

The census of agriculture is the leading source of statistics about the Nation's agricultural production and the only source of consistent, comparable data at the county, State, and national levels. Census statistics are used by Congress to develop and change farm programs, study historical trends, assess current conditions, and plan for the future. Many national and State programs use census data to design and allocate funding for extension service projects, agricultural research, soil conservation programs, and land-grant colleges and universities. Private industry uses census statistics to provide a more effective production and distribution system for the agricultural community.

AUTHORITY AND AREA COVERED

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

FARM DEFINITION

The definition of a farm for census purposes was first established in 1850. It has been changed nine times since. The current definition, first used for the 1974 census, 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 farm definition used for each U.S. territory varies. The report for each territory includes a discussion of its farm definition.

COMPARABILITY OF DATA

Most data are comparable between the 1997 and 1992 censuses. A few important changes for the 1997 census may affect comparability for some data. Farms with all acreage in the Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP) are included as farms in the 1997 census tabulations. For the 1992 census, farms that had all their acreage in the CRP or WRP were not included in the census tabulations.

For the 1997 census, farms were classified according to the new North American Industry Classification System (NAICS). Due to NAICS, short rotation woody crops, which includes Christmas trees and maple sap gathering, are considered crop production. Emus, ostriches, and rhea are now tabulated in other poultry. In previous agriculture censuses, farms were classified by the Standard Industrial Classification System (SIC). A bridge table showing 1997 farms classified by the SIC and a table comparing 1997 NAICS structure to 1987 SIC structure are shown in Appendix E.

Items removed from the 1997 census:

1. Land diverted under annual commodity adjustment programs
2. Commodity Credit Corporation loans for honey and rye

Dollar values for expenses and agricultural product sales are expressed in current dollars and are not 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.

USDA, National Agricultural Statistics Service

REFERENCE PERIODS

Inventories of livestock, poultry, and machinery and equipment are measured as of December 31, of the census year. Crop and livestock production, sales, expenses, income from federal farm programs, irrigation, Commodity Credit Corporation loans, Conservation Reserve and Wetlands Reserve Programs, direct sales, chemicals and fertilizer, farm-related income and hired workers are measured for the calendar year, except for a few crops (such as citrus, avocados, and olives) for which the production year overlaps the calendar year.

TABLES

Chapter 1. State tables 1 through 45 show detailed State-level data usually accompanied by historical data for one or more past censuses. State tables 46 through 52 show 1997 State-level data cross-tabulated by several categories.

Chapter 2. County tables 1 through 17 include general data for all counties. The counties are listed in alphabetical order in the column headings. County tables 18 through 39 only show counties reporting a data item. Counties not reporting an item are not listed under the item heading. Counties with a limited number of farms reporting an item have their data combined and presented as part of ''All other counties.''

Appendix B. Table A shows the number of American Indian farm operators counted individually as well as those counted collectively on the reservations' supplemental reports at the State and county level. Table B shows selected data for American Indian farm operators and the percent these data contributed to the State total.

Appendix C. Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. Table B provides the generalized reliability estimates of the estimated number of farms in a county that reported complete count and sample count items. Table C presents the percent relative standard error of selected State data items for all farms, and table D presents the percent relative standard error of selected State data items for all farms with sales of $10,000 or more. Table E presents the standard error for percent change in State totals from 1992 to 1997. Table F presents the percent relative standard error for State and county totals for selected data items. Table G displays adjustments to the census counts due to farms undercounted or overcounted in the census. Coverage adjusted counts are shown for total farms by demographic characteristics, land in farms, and total value of sales.

Appendix E. Table A provides 1997 census State-level data tabulated by SIC and table B is a conversion table that assists the data user when making comparisons of establishment data between classification systems.

RESPONDENT CONFIDENTIALITY

In keeping with the provisions of Title 7 of the United States Code, no data are published that would disclose the operations of an individual farm. However, the number of farms reporting an item is not considered a release of confidential information and is provided even though other information may be withheld.

SPECIAL EFFORTS FOR MINORITIES AND AMERICAN INDIANS

To improve coverage of minority farm operators, NASS mailed out over 3,000 letters and postcards to farmers and ranchers asking if they knew any farm operators in their area who might be missed or were missed in previous agricultural censuses. In addition, NASS State offices contacted and visited local farm organizations, especially those representing women and minority farm operators. Postcards were provided for their members to complete and mail in, so they would be included in the 1997 Census of Agriculture.

In previous censuses, the census counted one farm operator for each American Indian reservation. For the 1997 census, the goal was to establish an accurate count of the number of American Indian farm operators. Along with the census report form, an additional form was delivered to each reservation asking for the number of American Indians who operated a farm or ranch on the reservation.

SPECIAL STUDIES AND CUSTOM TABULATIONS

Special studies, such as the 1998 Farm and Ranch Irrigation Survey and the 1998 Census of Horticultural Specialties, are part of the census program. These special studies are for reference year 1998.

Custom-designed tabulations can be developed to individual user specifications on a cost-reimbursable basis. Inquiries about special tabulations should be directed to the Director, Census Division, National Agricultural Statistics Service, Room 436 Iverson Mall, 3737 Branch Avenue, Temple Hills, MD 20748-1405; by phone on 1-800-523-3215; or by e-mail at nass@nass.usda.gov.

DATA PRODUCTS

The 1997 Census of Agriculture is available on three different media: 1) printed reports, 2) CD-ROM, and 3) the Internet. The NASS home page is located at www.usda.gov/nass/.

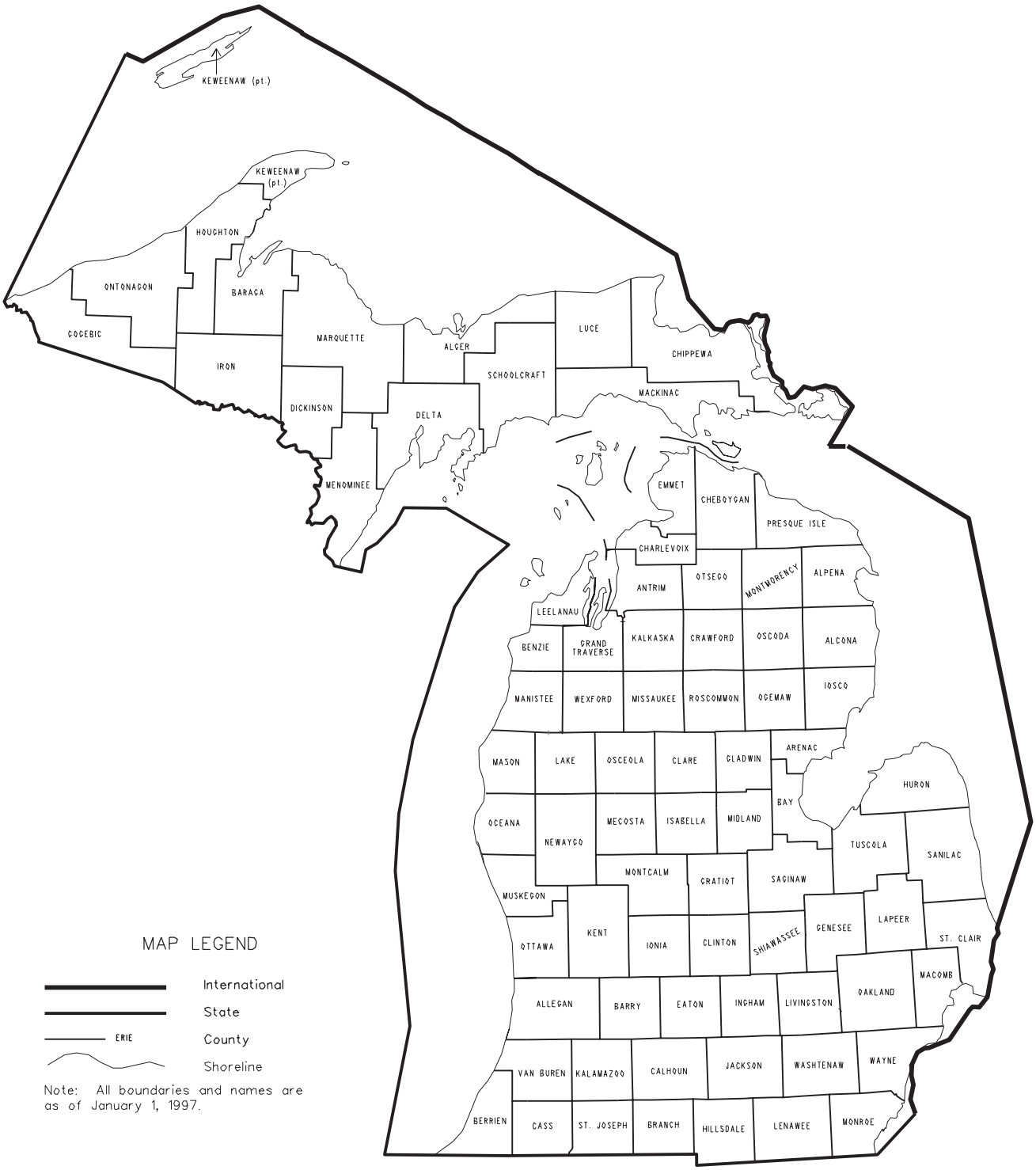
ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

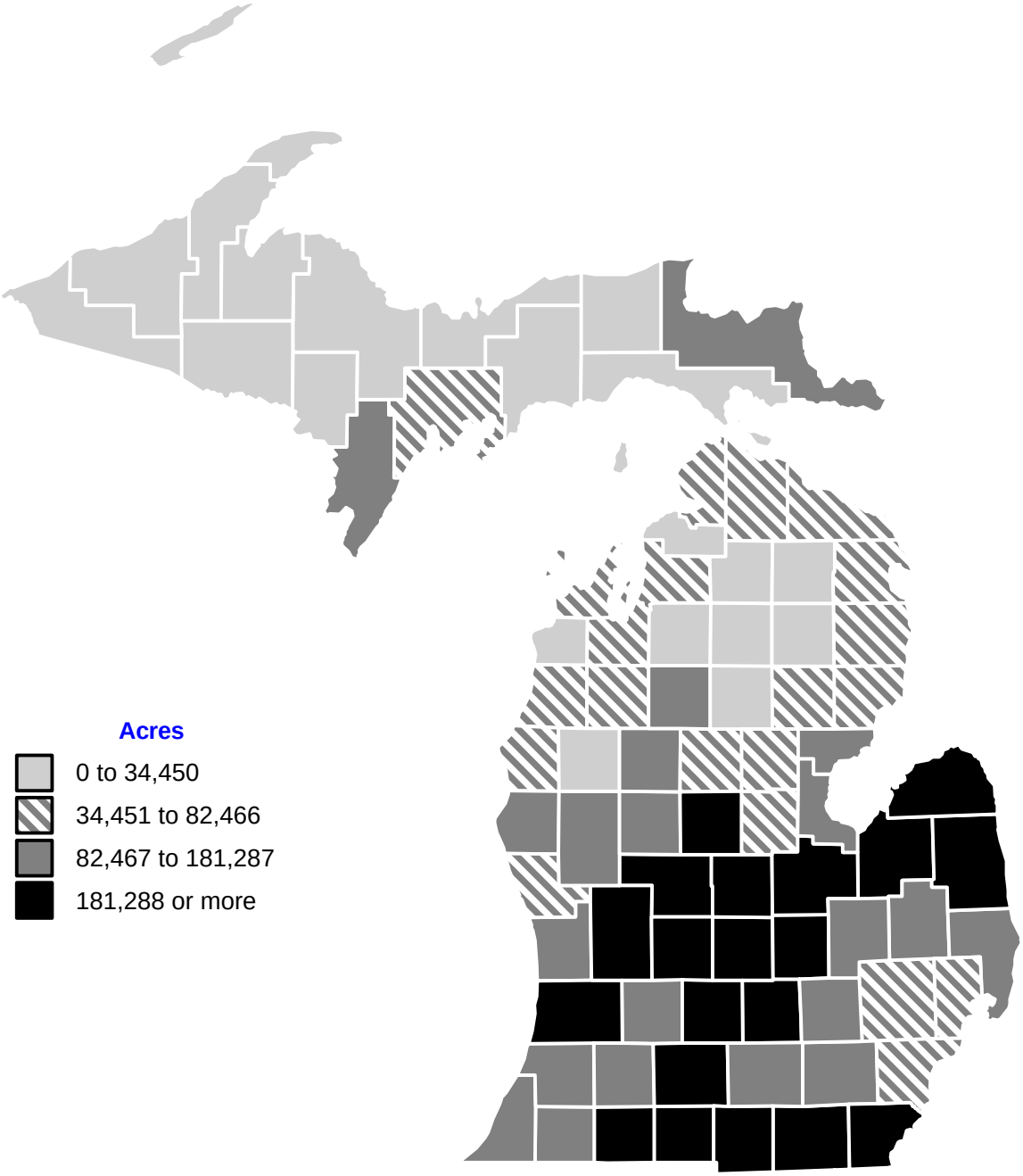
- Represents zero.
(D) Withheld to avoid disclosing data for individual farms.

USDA, National Agricultural Statistics Service

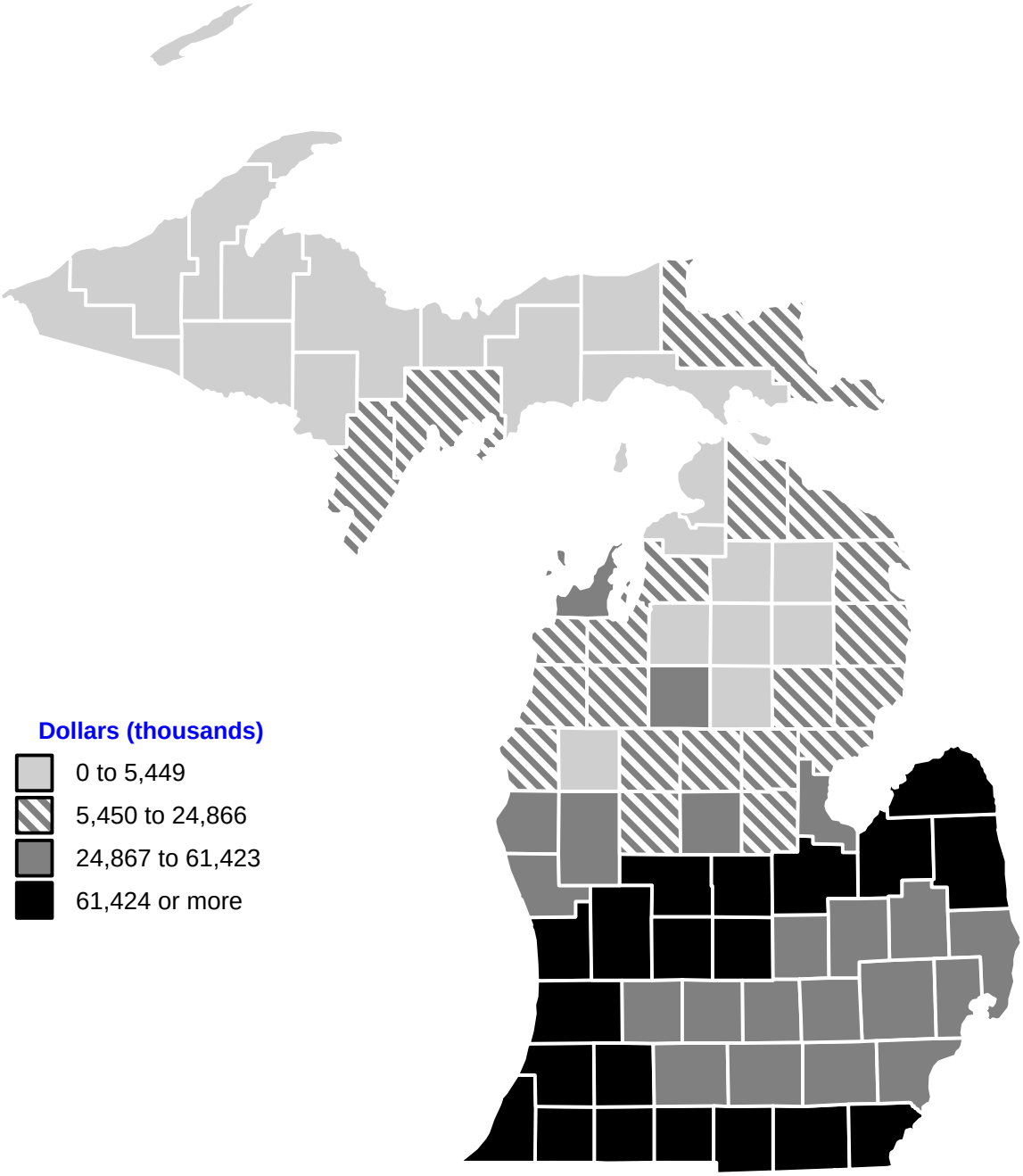
(H)	Standard error or relative standard error of estimate is greater than or equal to 99.95 percent.
(IC)	Independent city.
(L)	Standard error or relative standard error of estimate is less than .05 percent.
(NA)	Not available.
(X)	Not applicable.
(Z)	Less than half of the unit shown.
cwt	Hundredweight.
sq ft	Square feet.


KEWEENAW (pt.)
KEWEENAW (pt.)
HOUGHTON
ONTONAGON
BARAGA
GOGEBIC
MARQUETTE
ALGER
LUCE
CHIPPEWA
IRON
SCHOOLCRAFT
MACKINAC
DICKINSON
DELTA
MENOMINEE
EMMET
CHEBOYGAN
PRESQUE ISLE
CHARLEVOIX
ANTRIM
OTSEGO
MONTMORENCY
ALPENA
LEELANAU
BENZIE
GRAND TRAVERSE
KALKASKA
CRAWFORD
OSCODA
ALCONA
MANISTEE
WEXFORD
MISSAUKEE
ROSCOMMON
OGEMAW
IOSCO
MASON
LAKE
OSCEOLA
CLARE
GLADWIN
ARENAC
HURON
BAY
OCEANA
NEWAYGO
MECOSTA
ISABELLA
MIDLAND
TUSCOLA
SANILAC
MONTCALM
GRATIOT
SAGINAW
MUSKEGON
KENT
IONIA
CLINTON
SHIAWASSEE
GENESEE
LAPEER
ST. CLAIR
OTTAWA
MACOMB
OAKLAND
ALLEGAN
BARRY
EATON
INGHAM
LIVINGSTON
VAN BUREN
KALAMAZOO
CALHOUN
JACKSON
WASHTENAW
WAYNE
BERRIEN
CASS
ST. JOSEPH
BRANCH
HILLSDALE
LENAWEE
MONROE
MAP LEGEND
International
State
ERIE
County
Shoreline
Note: All boundaries and names are as of January 1, 1997.

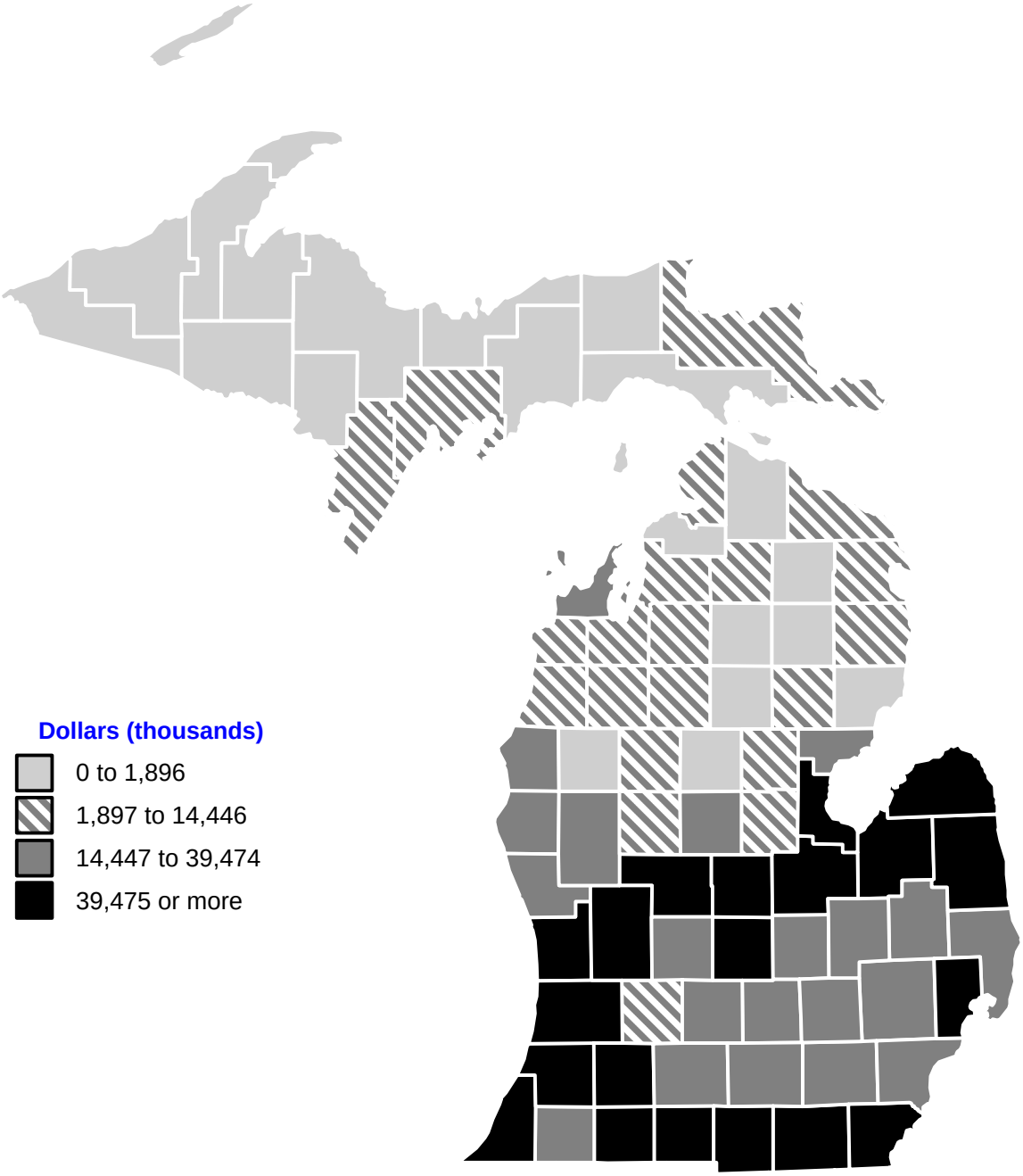
Map 1. Land in Farms by County: 1997



Map 2. Market Value of Agricultural Products Sold by County: 1997



Map 3. Value of Crops Sold by County: 1997



Map 4. Farm Operators Reporting Principal Occupation as Farming by County: 1997

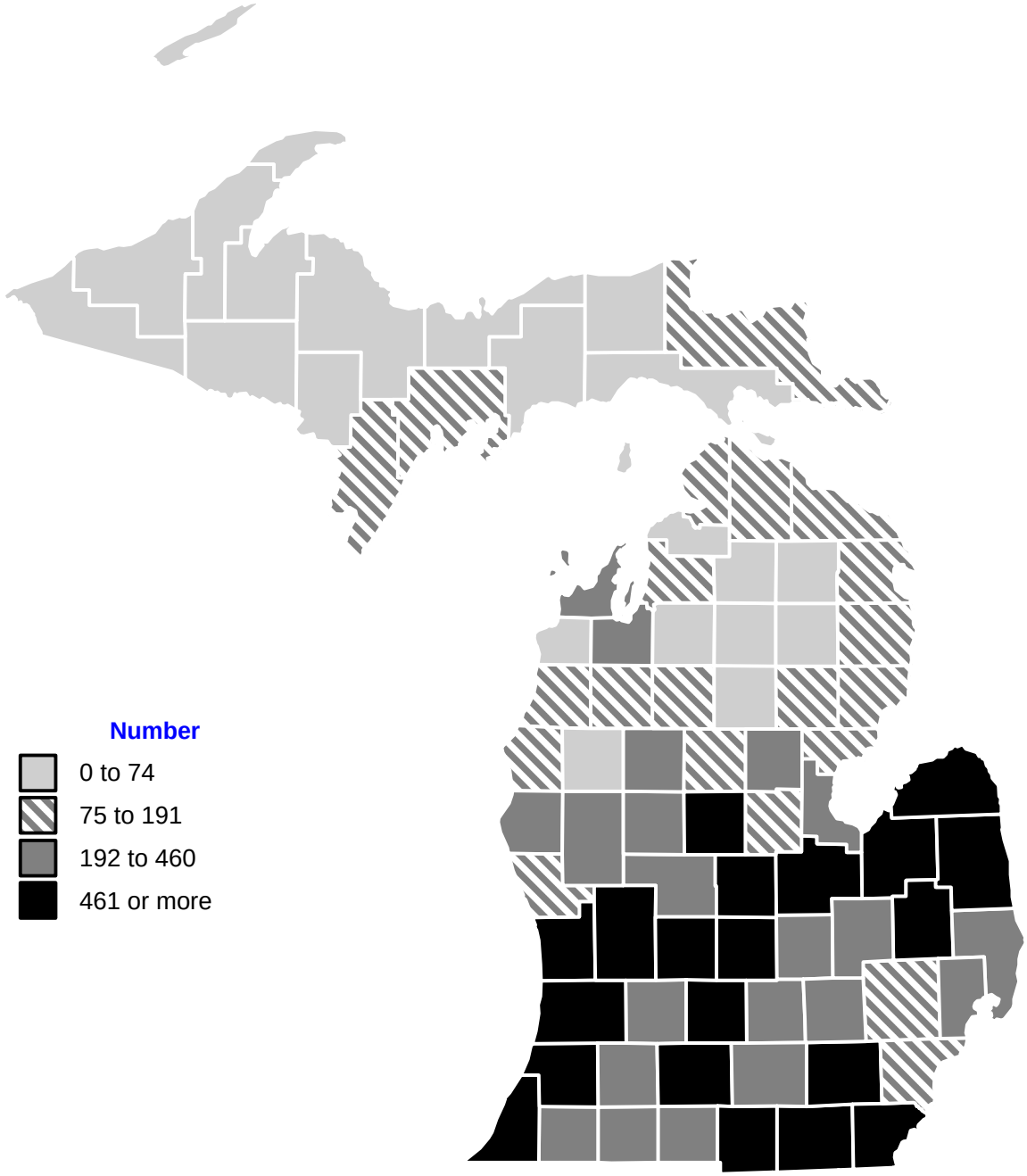


Figure 1. **Profile of the State's Agriculture: 1997**

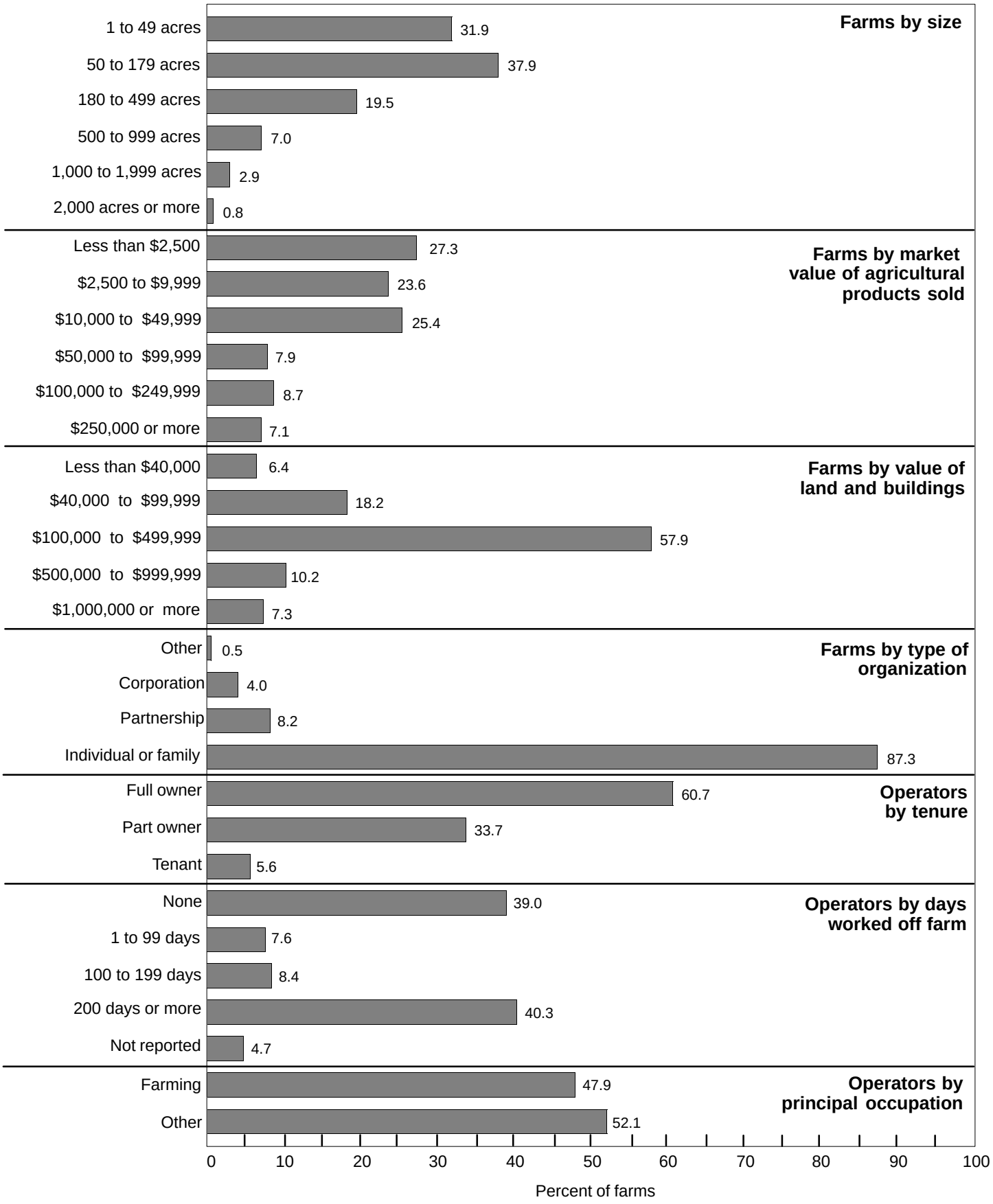


Figure 2. **Percent of Farms and of Market Value of Agricultural Products Sold: 1997**

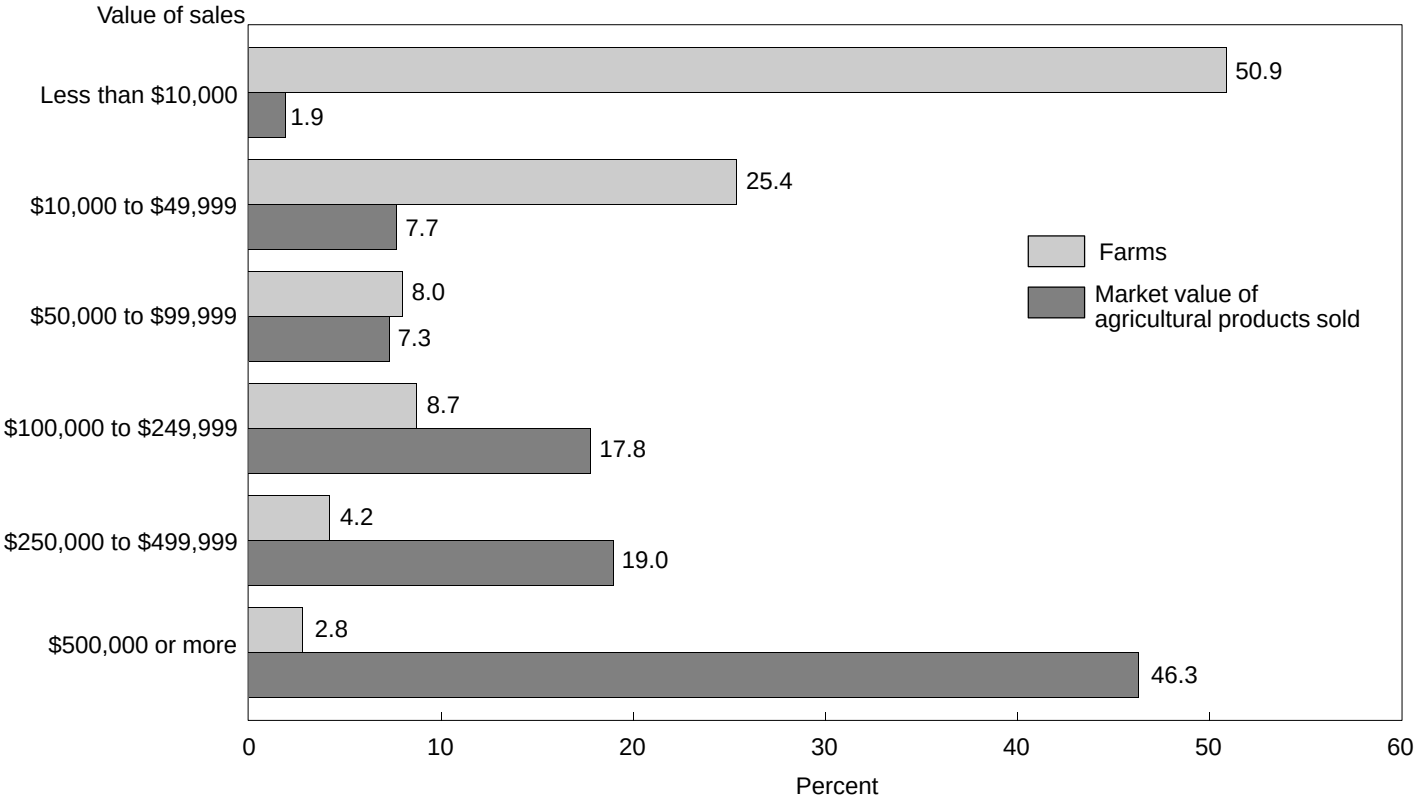


Figure 3. **Farms by Market Value of Agricultural Products Sold: 1969 to 1997**

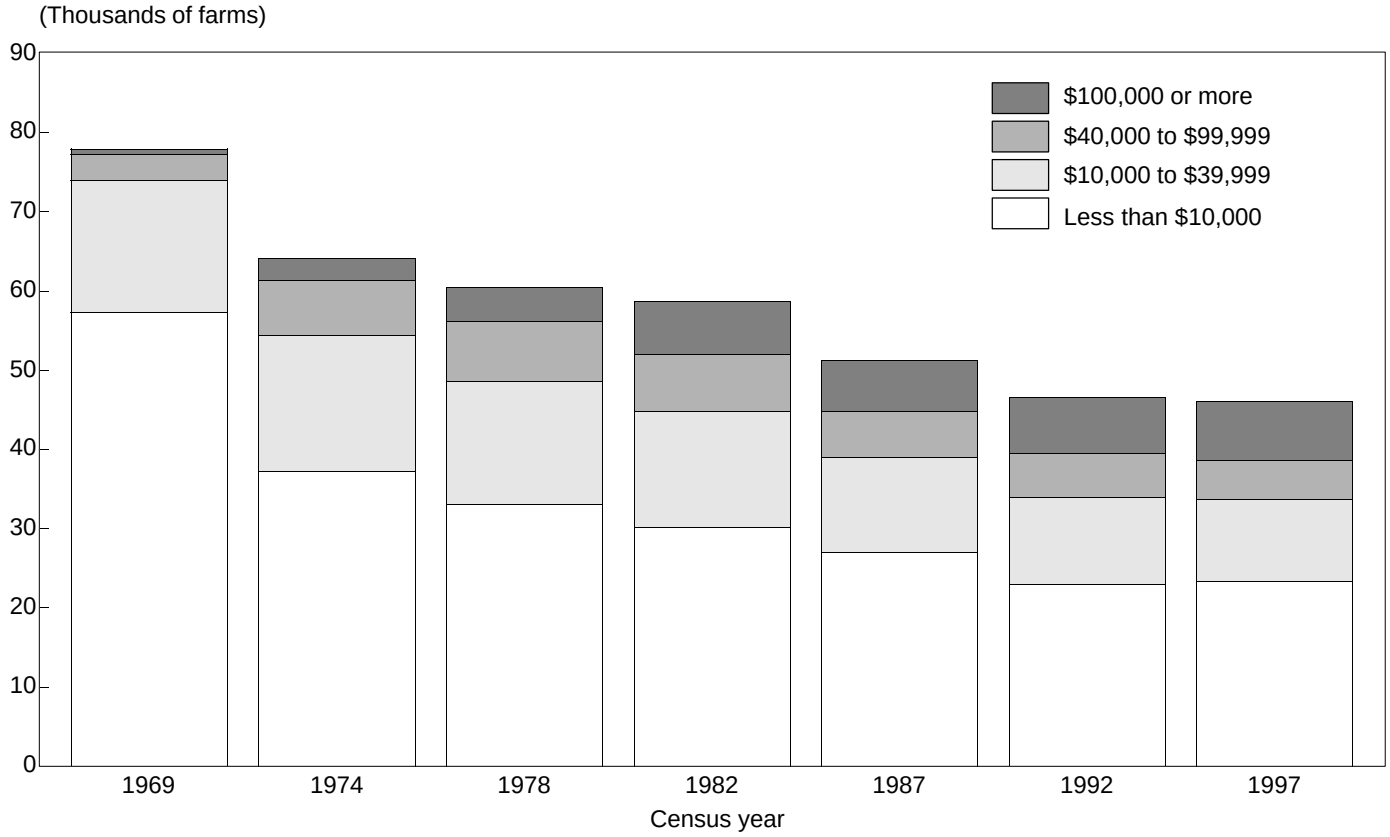


Figure 4. **Land Use: 1997**

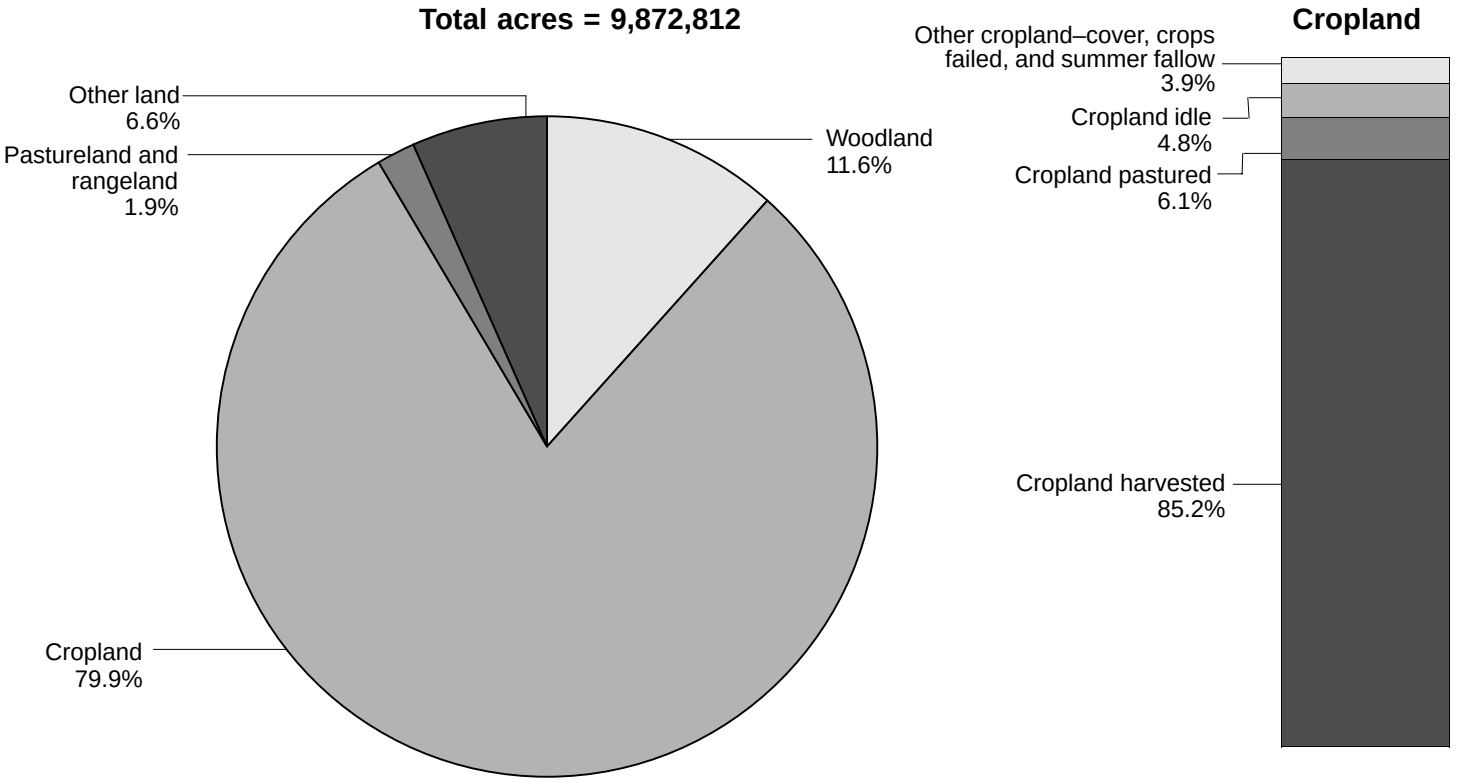


Figure 5. **Selected Crops Harvested: 1997**

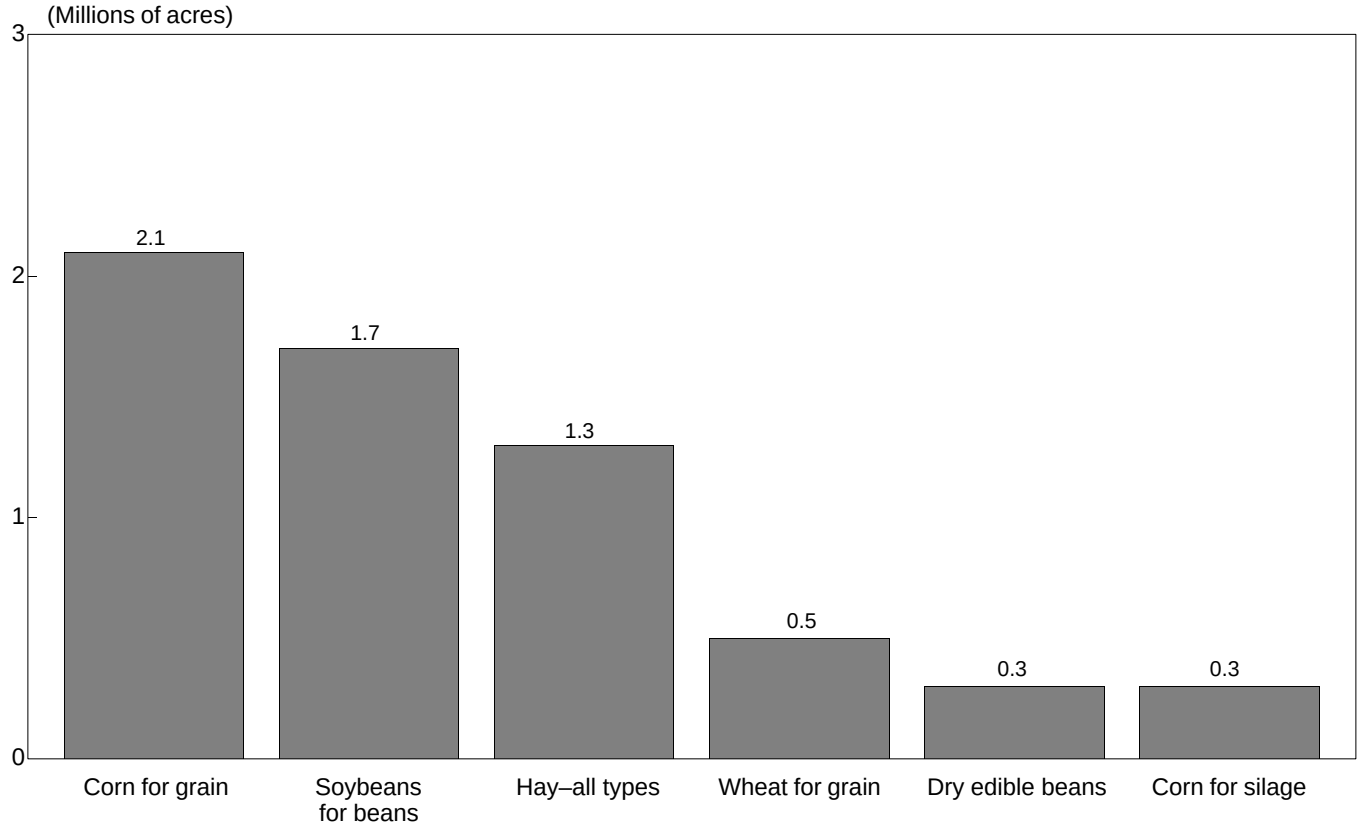


Figure 6. **Value of Livestock, Poultry, and Their Products Sold: 1997**

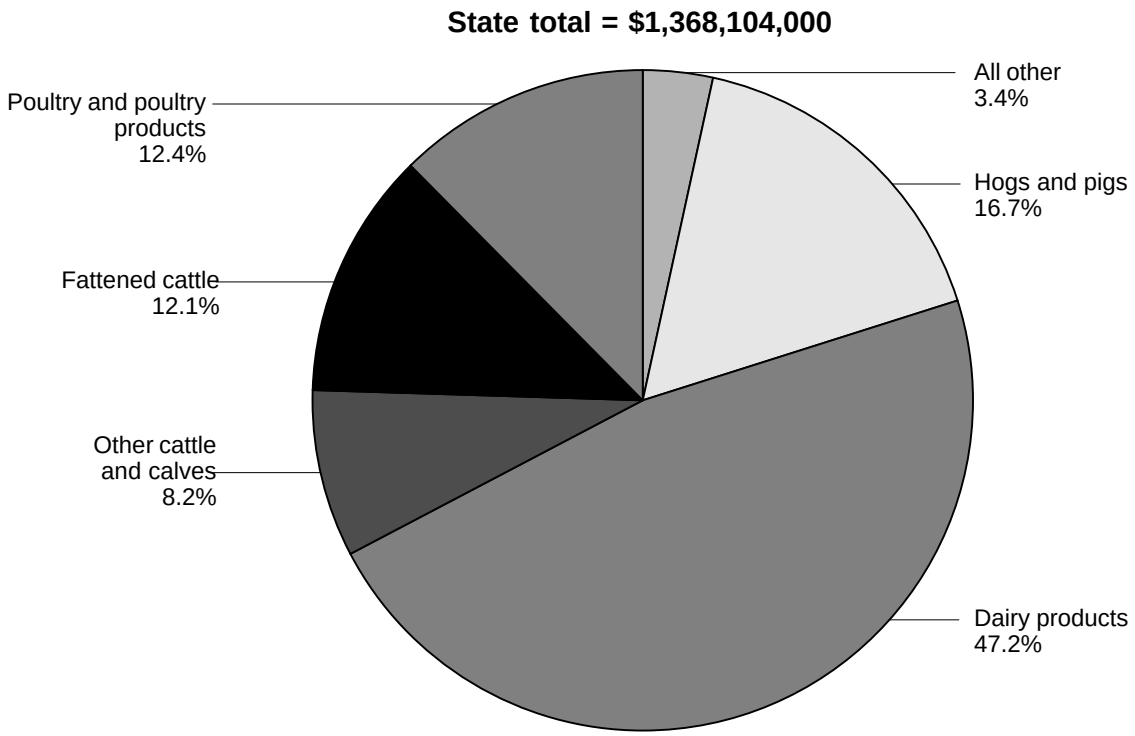


Figure 7. **Production Expenses: 1997**

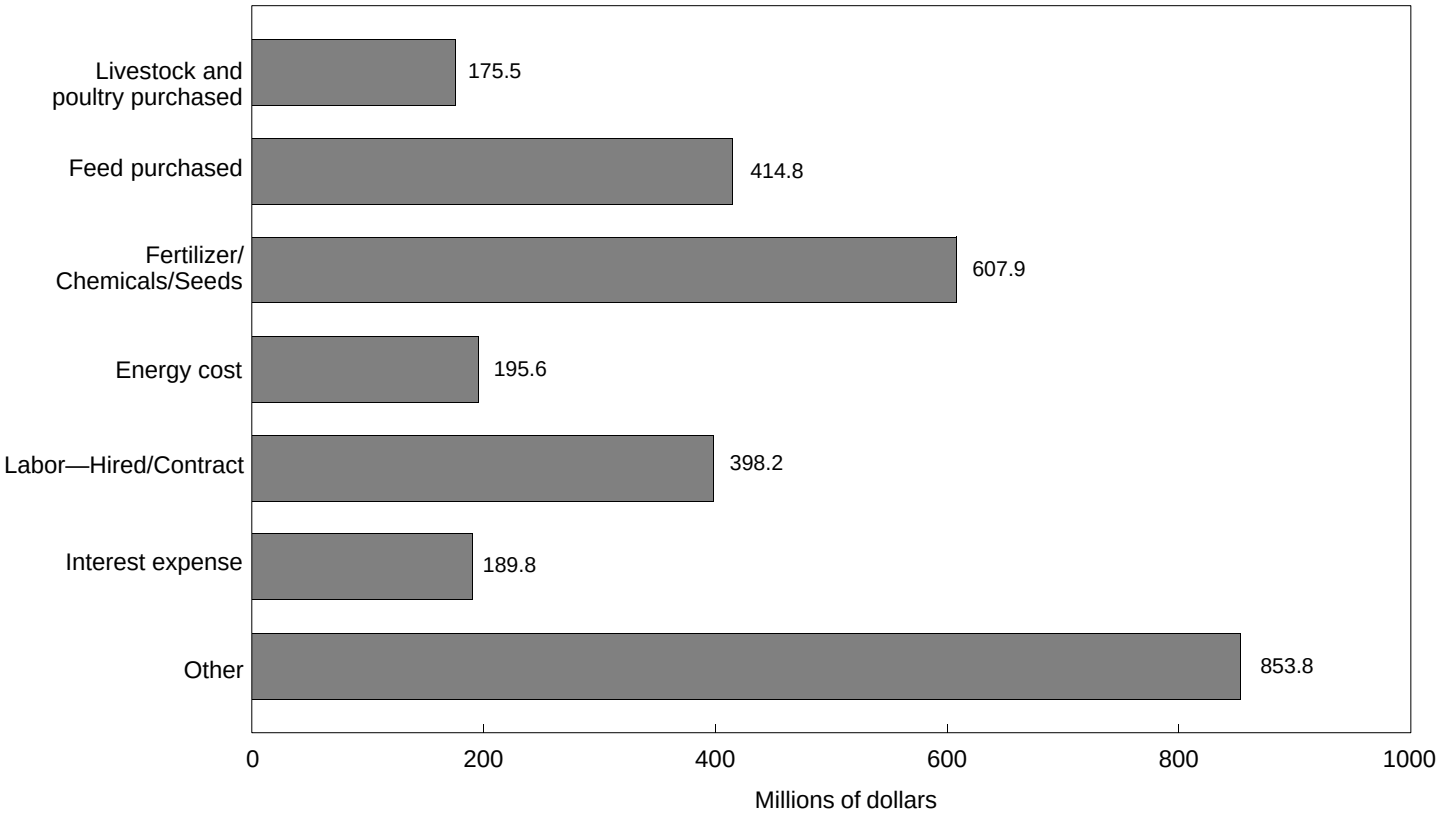


Table 1. **Historical Highlights: 1997 and Earlier Census Years**

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

All farms	1997	1992	1987	1982	1978	1974	1969	1964
Farms ..... number..	46 027	46 562	51 172	58 661	60 426	64 094	77 946	93 504
Land in farms ..... acres..	9 872 812	10 088 170	10 316 861	10 942 172	11 038 419	10 832 234	11 900 689	13 598 992
Average size of farm ..... acres..	215	217	202	187	183	169	153	145
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars..	358 166	247 370	196 065	228 238	175 171	93 435	49 821	34 027
Average per acre ..... dollars..	1 671	1 131	971	1 223	960	553	326	233
Estimated market value of all machinery and equipment[1]. $1,000..	3 055 199	2 558 206	2 347 585	2 676 343	1 988 471	1 313 311	715 931	(NA)
Average per farm ..... dollars..	66 361	55 028	45 954	45 711	32 963	21 225	9 412	(NA)
Farms by size:								
1 to 9 acres	2 611	2 562	2 866	2 714	1 972	1 788	1 951	2 659
10 to 49 acres	12 075	11 148	12 174	14 300	12 627	12 233	14 334	17 753
50 to 179 acres	17 439	17 449	19 779	23 336	26 479	30 567	39 876	47 784
180 to 499 acres	8 989	10 289	11 329	13 539	15 035	16 078	19 209	22 956
500 to 999 acres	3 201	3 576	3 667	3 672	3 451	2 880	2 248	2 129
1,000 to 1,999 acres	1 338	1 234	1 134	924	747	486	285	180
2,000 acres or more	374	304	223	176	115	62	43	43
Total cropland ..... farms..	43 017	44 320	48 653	56 321	59 080	62 914	75 656	91 560
acres..	7 891 802	8 156 388	8 181 320	8 458 021	8 382 317	8 005 478	8 580 391	9 454 589
Harvested cropland ..... farms..	37 941	41 334	46 017	53 738	57 294	60 836	70 605	87 947
acres..	6 724 480	6 584 251	6 172 468	7 255 909	6 774 229	6 317 638	5 501 729	6 738 032
Irrigated land ..... farms..	3 752	3 823	3 755	3 179	3 157	2 036	2 150	2 041
acres..	393 485	366 465	314 953	285 983	225 928	96 839	77 097	48 991
Market value of agricultural products sold[2] ..... $1,000..	3 567 825	3 028 547	2 545 078	2 588 317	1 914 314	1 491 439	829 451	766 394
Average per farm ..... dollars..	77 516	65 043	49 736	44 123	31 680	23 270	10 641	8 196
Crops, including nursery and greenhouse crops... $1,000..	2 199 721	1 671 563	1 272 802	1 364 665	997 743	828 865	349 704	360 094
Livestock, poultry, and their products ..... $1,000..	1 368 104	1 356 984	1 272 276	1 223 652	916 571	657 721	475 210	399 783
Farms by value of sales[3]:								
Less than $2,500	12 557	10 923	12 670	13 718	14 282	18 360	34 817	39 517
$2,500 to $4,999	5 049	5 579	6 774	7 751	9 125	8 420	11 508	15 848
$5,000 to $9,999	5 800	6 387	7 548	8 741	9 652	10 412	10 887	15 298
$10,000 to $24,999	7 213	7 752	8 460	10 335	10 851			
$25,000 to $49,999	4 472	4 683	5 002	6 143	6 644	24 069	19 980	22 477
$50,000 to $99,999	3 663	4 163	4 322	5 334	5 544			
$100,000 to $499,999	5 962	6 156	5 808	6 140	4 044	2 678	705	333
$500,000 or more	1 311	919	588	480	258	131	31	
Farms by type of organization:								
Individual or family (sole proprietorship)	40 190	40 654	45 166	52 022	53 931	(NA)	(NA)	(NA)
Partnership	3 778	4 316	4 662	5 495	5 635	(NA)	(NA)	(NA)
Corporation	1 834	1 431	1 167	947	699	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.	225	161	177	197	161	(NA)	(NA)	(NA)
Operators by days worked off farm[4]:								
None	17 964	18 547	19 384	21 350	21 888	19 760	(NA)	(NA)
Any	25 906	25 462	29 155	33 579	36 289	34 349	49 652	52 438
200 days or more	18 568	17 984	20 818	23 181	26 054	24 549	34 807	35 909
Operators by principal occupation[4]:								
Farming	22 043	24 396	26 112	30 107	29 296	34 438	(NA)	(NA)
Other	23 984	22 166	25 060	28 554	31 130	29 164	(NA)	(NA)
Average age of operator[4] ..... years..	53.3	51.9	50.9	49.5	49.7	50.9	50.4	50.7
Total farm production expenses[1] ..... $1,000..	2 835 658	2 583 189	2 211 823	(NA)	(NA)	1 096 587	676 628	(NA)
Selected farm production expenses[1]:								
Livestock and poultry purchased ..... $1,000..	175 474	205 867	190 386	170 034	145 691	105 358	85 819	52 756
Feed for livestock and poultry..... $1,000..	414 770	333 497	273 192	254 964	179 958	150 759	84 811	75 299
Commercial fertilizer[5] .... $1,000..	244 613	218 185	194 526	242 091	173 192	131 619	53 169	54 123
Petroleum products ..... $1,000..	142 449	141 653	120 621	181 320	97 893	67 528	39 971	41 977
Hired farm labor ..... $1,000..	369 145	318 276	242 445	186 312	136 868	92 002	70 564	59 667
Interest[6] ..... $1,000..	189 849	181 417	197 966	273 637	(NA)	(NA)	(NA)	(NA)
Agricultural chemicals[5] ... $1,000..	182 494	149 282	119 993	114 159	67 558	39 559	22 383	(NA)
Livestock and poultry:								
Cattle and calves inventory ..... farms..	15 468	17 031	19 436	25 657	25 293	30 665	36 040	54 150
number..	1 025 702	1 113 604	1 163 352	1 345 793	1 248 623	1 430 262	1 441 556	1 724 957
Beef cows ..... farms..	7 566	7 548	8 163	10 810	10 575	12 839	(NA)	13 109
number..	116 399	116 106	110 156	140 969	139 275	195 130	159 924	132 015
Milk cows ..... farms..	3 990	5 198	6 499	9 142	9 867	12 533	17 082	33 176
number..	300 641	316 954	344 550	398 211	377 999	392 888	413 907	573 545
Cattle and calves sold ..... farms..	14 293	15 780	18 164	22 849	23 057	27 566	33 746	48 806
number..	537 681	594 685	653 806	642 060	675 773	653 930	759 959	879 828
Hogs and pigs inventory ... farms..	2 853	4 774	5 577	7 433	8 572	8 508	10 965	18 266
number..	1 032 014	1 231 641	1 227 069	1 064 073	931 240	619 910	699 478	716 052
Hogs and pigs sold..... farms..	2 690	4 770	5 603	7 194	8 065	7 811	10 636	15 683
number..	2 206 940	2 300 151	2 215 872	1 734 236	1 392 522	1 013 950	1 109 623	1 167 122
Layers and pullets 13 weeks old and older inventory (see text)[7]..... farms..	2 276	2 454	3 550	5 788	6 146	8 303	9 477	23 216
number..	6 043 468	5 388 894	8 428 623	7 572 108	7 011 188	7 609 220	7 311 189	7 773 877
Broilers and other meat-type chickens sold ..... farms..	336	386	495	636	493	459	205	122
number..	393 028	400 262	702 431	601 403	496 339	362 042	737 669	1 560 202

See footnotes at end of table.

Table 1. **Historical Highlights: 1997 and Earlier Census Years**—Con.

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

All farms	1997	1992	1987	1982	1978	1974	1969	1964
Selected crops harvested:								
Corn for grain or seed ..... farms..	16 712	18 962	25 140	30 792	33 676	35 690	32 957	51 051
acres..	2 122 283	2 221 271	1 982 401	2 568 541	2 337 985	1 895 841	1 190 087	1 500 291
bushels..	238 319 129	226 824 263	189 779 819	256 473 754	184 697 964	112 269 703	92 288 328	87 838 628
Wheat for grain ..... farms..	8 976	12 433	10 327	15 416	13 966	29 897	32 513	48 253
acres..	499 742	583 245	356 073	513 445	370 398	810 197	540 778	929 907
bushels..	28 432 159	29 350 586	16 465 394	20 764 229	14 669 977	31 891 280	21 102 066	37 094 513
Oats for grain ..... farms..	3 707	5 436	11 392	16 627	17 875	(NA)	(NA)	39 069
acres..	77 588	113 359	259 445	398 618	395 419	(NA)	(NA)	638 075
bushels..	4 624 435	6 650 151	14 634 547	24 770 648	22 618 711	(NA)	(NA)	32 931 429
Soybeans for beans ..... farms..	12 561	13 175	12 734	14 905	13 914	12 289	12 471	11 396
acres..	1 694 872	1 332 114	1 023 599	1 122 617	888 449	570 683	472 153	315 900
bushels..	62 242 411	41 633 625	36 267 622	34 307 197	21 174 856	12 080 412	11 054 019	7 090 057
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	20 858	22 285	25 983	28 522	32 863	33 374	39 049	(NA)
acres..	1 264 350	1 283 598	1 436 630	1 365 495	1 561 452	1 359 191	1 375 505	1 827 892
tons, dry..	2 830 915	2 821 347	3 323 175	3 476 731	3 599 083	2 956 963	3 165 340	3 647 477
Land in orchards..... farms..	2 863	3 531	3 791	4 280	4 722	4 746	5 913	8 999
acres..	139 607	162 183	161 567	165 238	169 413	167 747	191 048	198 960

[1]Data are based on a sample of farms.
[2]Data for 1974 and prior years include the value of forest products sold.
[3]Data for 1982 and prior years exclude abnormal farms.
[4]Data for 1974 apply only to individual or family operations (sole proprietorship) and partnerships.
[5]Data for 1964 to 1982 do not include cost of custom applications; data for agricultural chemicals include the cost of lime for 1969 to 1978.
[6]Data for 1982 do not include imputation for item nonresponse.
[7]Data for 1969 to 1992 are for chickens 3 months old or older inventory; data for 1964 are for chickens 4 months old or older.

Table 2. Market Value of Agricultural Products Sold and Direct Sales: 1997, 1992, and 1987

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

Item		1997	Percent of total in 1997	1992	1987
Total sales (see text)	farms	46 027	100.0	46 562	51 172
	$1,000	3 567 825	100.0	3 028 547	2 545 078
Average per farm	dollars	77 516	(X)	65 043	49 736
Value of sales:					
Less than $1,000 (see text)	farms	7 756	16.9	5 716	6 578
	$1,000	1 198	(Z)	1 597	2 037
$1,000 to $2,499	farms	4 801	10.4	5 207	6 092
	$1,000	7 833	.2	8 669	10 125
$2,500 to $4,999	farms	5 049	11.0	5 579	6 774
	$1,000	18 208	.5	20 216	24 414
$5,000 to $9,999	farms	5 800	12.6	6 387	7 548
	$1,000	41 220	1.2	45 454	53 904
$10,000 to $19,999	farms	5 602	12.2	6 045	6 617
	$1,000	79 536	2.2	85 706	93 997
$20,000 to $24,999	farms	1 611	3.5	1 707	1 843
	$1,000	35 798	1.0	37 974	41 088
$25,000 to $39,999	farms	3 136	6.8	3 228	3 525
	$1,000	98 944	2.8	102 141	111 711
$40,000 to $49,999	farms	1 336	2.9	1 455	1 477
	$1,000	59 500	1.7	64 521	65 648
$50,000 to $99,999	farms	3 663	8.0	4 163	4 322
	$1,000	260 190	7.3	296 306	310 133
$100,000 to $249,999	farms	4 008	8.7	4 363	4 339
	$1,000	637 327	17.9	685 054	669 705
$250,000 to $499,999	farms	1 954	4.2	1 793	1 469
	$1,000	677 385	19.0	617 171	496 045
$500,000 to $999,999	farms	864	1.9	659	433
	$1,000	593 406	16.6	445 597	292 439
$1,000,000 or more	farms	447	1.0	260	155
	$1,000	1 057 281	29.6	618 142	373 832
$1,000,000 to $2,499,999	farms	344	.7	199	(NA)
	$1,000	499 382	14.0	286 231	(NA)
$2,500,000 to $4,999,999	farms	66	.1	43	(NA)
	$1,000	218 336	6.1	146 160	(NA)
$5,000,000 or more	farms	37	.1	18	(NA)
	$1,000	339 563	9.5	185 751	(NA)
Sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops	farms	31 679	68.8	33 778	36 875
	$1,000	2 199 721	61.7	1 671 563	1 272 802
Grains	farms	19 502	42.4	22 701	25 844
	$1,000	1 033 206	29.0	766 941	578 016
Corn for grain	farms	13 864	30.1	15 075	19 198
	$1,000	470 240	13.2	362 334	284 853
Wheat	farms	8 875	19.3	12 186	10 011
	$1,000	89 407	2.5	85 584	42 448
Soybeans	farms	12 516	27.2	13 099	12 670
	$1,000	375 311	10.5	220 044	172 993
Sorghum for grain	farms	6	(Z)	5	16
	$1,000	22	(Z)	45	40
Barley	farms	295	.6	319	658
	$1,000	1 180	(Z)	1 317	2 527
Oats	farms	1 804	3.9	2 591	6 373
	$1,000	4 311	.1	5 281	12 767
Other grains	farms	2 667	5.8	3 889	4 687
	$1,000	92 735	2.6	92 336	62 389
Cotton and cottonseed	farms	–	–	–	–
	$1,000	–	–	–	–
Tobacco	farms	3	(Z)	–	–
	$1,000	34	(Z)	–	–
Hay, silage, and field seeds	farms	10 938	23.8	10 791	11 876
	$1,000	83 225	2.3	55 317	53 956
Vegetables, sweet corn, and melons	farms	2 494	5.4	3 006	3 267
	$1,000	183 645	5.1	159 144	136 925
Fruits, nuts, and berries	farms	3 027	6.6	3 540	3 926
	$1,000	231 595	6.5	205 459	163 847
Nursery and greenhouse crops	farms	3 548	7.7	1 928	1 543
	$1,000	478 448	13.4	309 521	215 912
Other crops	farms	1 725	3.7	1 996	2 007
	$1,000	189 569	5.3	175 181	124 146
Livestock, poultry, and their products	farms	19 541	42.5	22 300	25 616
	$1,000	1 368 104	38.3	1 356 984	1 272 276
Poultry and poultry products	farms	1 442	3.1	1 582	2 063
	$1,000	169 053	4.7	136 649	116 432
Dairy products	farms	3 696	8.0	4 836	5 951
	$1,000	645 713	18.1	616 567	568 249
Cattle and calves	farms	14 293	31.1	15 780	18 164
	$1,000	276 971	7.8	345 457	320 270
Hogs and pigs	farms	2 690	5.8	4 770	5 603
	$1,000	228 488	6.4	213 440	226 148
Sheep, lambs, and wool	farms	1 543	3.4	1 798	2 072
	$1,000	5 911	.2	5 400	5 632
Other livestock and livestock products (see text)	farms	3 625	7.9	3 661	3 945
	$1,000	41 968	1.2	39 471	35 546
Value of agricultural products sold directly to individuals for human consumption (see text)[1]	farms	4 339	9.4	4 019	(NA)
	$1,000	28 720	.8	21 093	(NA)
Average per farm	dollars	6 619	(X)	5 248	(NA)
Value of sales:					
$1 to $499	farms	1 000	2.2	1 099	(NA)
	$1,000	212	(Z)	227	(NA)
$500 to $999	farms	650	1.4	665	(NA)
	$1,000	451	(Z)	454	(NA)
$1,000 to $4,999	farms	1 731	3.8	1 518	(NA)
	$1,000	3 965	.1	3 351	(NA)

See footnotes at end of table.

Table 2. **Market Value of Agricultural Products Sold and Direct Sales: 1997, 1992, and 1987**—Con.

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

Item	1997	Percent of total in 1997	1992	1987
Total sales (see text)—Con.				
Value of agricultural products sold directly to individuals for human consumption (see text)[1]—Con.				
Value of sales—Con.				
$5,000 to $9,999 ..... farms..	429	.9	335	(NA)
$1,000..	2 853	.1	2 236	(NA)
$10,000 to $24,999 ..... farms..	299	.6	259	(NA)
$1,000..	4 494	.1	3 904	(NA)
$25,000 to $49,999 ..... farms..	111	.2	80	(NA)
$1,000..	3 831	.1	2 693	(NA)
$50,000 or more ..... farms..	119	.3	63	(NA)
$1,000..	12 915	.4	8 229	(NA)

[1]Data for 1987 were not collected.

Table 3. **Farm Production Expenses: 1997, 1992, and 1987**

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

Item	1997		1992	1987
	Farms	Expenses ($1,000)		
Total farm production expenses ..... farms..	46 040	(X)	46 558	51 175
$1,000..	(X)	2 835 658	2 583 189	2 211 823
Average per farm ..... dollars..	(X)	61 591	55 483	43 221
Farms with expenses of—				
$1 to $4,999	13 686	37 074	9 995	13 881
$5,000 to $9,999	8 623	62 739	9 758	10 676
$10,000 to $24,999	9 473	151 421	10 995	11 620
$25,000 to $49,999	4 847	171 063	5 801	5 503
$50,000 to $99,999	3 695	263 518	4 328	4 444
$100,000 to $249,999	3 430	533 981	3 800	3 606
$250,000 to $499,999	1 394	479 996	1 217	1 030
$500,000 or more	892	1 135 865	664	415
$500,000 to $999,999	595	403 653	481	(NA)
$1,000,000 to $2,499,999	230	343 034	138	(NA)
$2,500,000 or more	67	389 179	45	(NA)
Livestock and poultry purchased ..... farms..	11 086	(X)	13 767	15 088
$1,000..	(X)	175 474	205 867	190 386
percent of total..	(X)	6.2	8.0	8.6
Farms with expenses of—				
$1 to $999	3 493	1 447	4 389	5 640
$1,000 to $4,999	4 076	9 429	5 184	5 186
$5,000 to $9,999	1 324	9 112	1 521	1 703
$10,000 to $24,999	1 162	17 994	1 461	1 400
$25,000 to $49,999	510	18 012	563	574
$50,000 to $99,999	253	17 506	340	299
$100,000 to $249,999	152	23 888	198	180
$250,000 or more	116	78 086	111	106
$250,000 to $499,999	70	24 785	57	(NA)
$500,000 to $999,999	31	20 963	36	(NA)
$1,000,000 or more	15	32 338	18	(NA)
Feed for livestock and poultry ..... farms..	17 888	(X)	21 222	23 220
$1,000..	(X)	414 770	333 497	273 192
percent of total..	(X)	14.6	12.9	12.4
Farms with expenses of—				
$1 to $999	5 816	2 610	7 446	9 130
$1,000 to $4,999	6 371	13 998	6 840	7 307
$5,000 to $9,999	1 585	10 813	2 206	1 949
$10,000 to $24,999	1 663	26 330	2 233	2 580
$25,000 to $49,999	1 048	37 410	1 223	1 309
$50,000 to $99,999	741	52 254	759	596
$100,000 or more	664	271 356	515	349
$100,000 to $249,999	439	64 364	362	(NA)
$250,000 to $499,999	117	40 621	101	(NA)
$500,000 to $999,999	58	39 178	25	(NA)
$1,000,000 or more	50	127 192	27	(NA)
Commercially mixed formula feeds ..... farms..	12 036	(X)	10 357	11 999
$1,000..	(X)	256 579	177 647	153 493
percent of total..	(X)	9.0	6.9	6.9
Farms with expenses of—				
$1 to $999	4 718	1 991	3 996	4 468
$1,000 to $4,999	3 722	8 038	2 788	3 441
$5,000 to $9,999	1 001	6 935	1 119	1 474
$10,000 to $24,999	1 190	18 616	1 261	1 591
$25,000 to $49,999	616	21 417	663	625
$50,000 to $79,999	365	21 933	243	201
$80,000 or more	424	177 650	287	199
$80,000 to $99,999	107	9 452	69	(NA)
$100,000 to $249,999	197	29 319	137	(NA)
$250,000 to $499,999	53	18 141	47	(NA)
$500,000 or more	67	120 737	34	(NA)

Table 3. **Farm Production Expenses: 1997, 1992, and 1987**—Con.

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

Item	1997 Farms	1997 Expenses ($1,000)	1992	1987
Total farm production expenses—Con.				
Seeds, bulbs, plants, and trees ... farms	27 224	(X)	30 784	35 507
$1,000	(X)	180 800	137 278	111 895
percent of total	(X)	6.4	5.3	5.1
Farms with expenses of—				
$1 to $499	6 969	1 593	8 723	12 276
$500 to $999	4 140	2 886	5 014	6 422
$1,000 to $4,999	9 282	21 615	11 032	11 636
$5,000 to $9,999	2 951	20 709	3 117	2 947
$10,000 to $24,999	2 519	38 626	2 105	1 742
$25,000 or more	1 363	95 371	793	484
$25,000 to $49,999	905	30 494	547	(NA)
$50,000 or more	458	64 877	246	(NA)
Commercial fertilizer ... farms	29 576	(X)	33 548	37 298
$1,000	(X)	244 613	218 185	194 526
percent of total	(X)	8.6	8.4	8.8
Farms with expenses of—				
$1 to $499	6 605	1 598	7 097	9 121
$500 to $999	3 718	2 620	4 792	5 514
$1,000 to $4,999	9 770	23 393	11 660	13 251
$5,000 to $9,999	3 454	23 706	4 022	4 002
$10,000 to $24,999	3 610	56 611	3 884	3 755
$25,000 to $49,999	1 492	50 075	1 484	1 265
$50,000 to $99,999	676	44 491	463	328
$100,000 or more	251	42 120	146	62
Agricultural chemicals ... farms	26 238	(X)	33 010	35 505
$1,000	(X)	182 494	149 282	119 993
percent of total	(X)	6.4	5.8	5.4
Farms with expenses of—				
$1 to $499	6 795	1 478	10 138	12 482
$500 to $999	3 337	2 324	5 079	5 741
$1,000 to $4,999	8 712	20 330	10 853	11 452
$5,000 to $9,999	2 948	20 563	3 157	2 976
$10,000 to $24,999	2 805	43 680	2 643	2 124
$25,000 to $49,999	1 061	35 724	773	513
$50,000 or more	580	58 395	367	217
$50,000 to $99,999	420	28 406	285	(NA)
$100,000 or more	160	29 989	82	(NA)
Petroleum products ... farms	42 348	(X)	44 242	48 558
$1,000	(X)	142 449	141 653	120 621
percent of total	(X)	5.0	5.5	5.5
Farms with expenses of—				
$1 to $999	22 796	8 786	22 999	26 607
$1,000 to $4,999	13 001	28 609	14 489	15 706
$5,000 to $9,999	3 345	23 202	3 477	3 861
$10,000 to $24,999	2 317	35 191	2 527	2 002
$25,000 to $49,999	631	21 025	574	285
$50,000 or more	258	25 636	176	97
Electricity ... farms	31 396	(X)	34 961	38 590
$1,000	(X)	53 192	49 096	47 789
percent of total	(X)	1.9	1.9	2.2
Farms with expenses of—				
$1 to $499	16 003	3 486	18 673	21 408
$500 to $999	5 797	3 874	6 427	6 890
$1,000 to $4,999	7 332	15 528	7 817	8 382
$5,000 to $9,999	1 369	9 382	1 374	1 369
$10,000 to $24,999	704	10 128	536	448
$25,000 or more	191	10 794	134	93
$25,000 to $49,999	118	3 930	88	(NA)
$50,000 or more	73	6 864	46	(NA)
Hired farm labor ... farms	14 481	(X)	15 908	18 134
$1,000	(X)	369 145	318 276	242 445
percent of total	(X)	13.0	12.3	11.0
Farms with expenses of—				
$1 to $999	5 592	1 924	6 667	7 940
$1,000 to $4,999	3 369	7 755	3 488	4 237
$5,000 to $9,999	1 183	8 419	1 333	1 513
$10,000 to $24,999	1 626	26 762	1 897	2 231
$25,000 to $49,999	1 163	41 422	1 252	1 223
$50,000 to $99,999	851	56 890	713	633
$100,000 or more	697	225 975	558	357
$100,000 to $249,999	471	72 106	380	(NA)
$250,000 to $499,999	139	46 515	110	(NA)
$500,000 or more	87	107 354	68	(NA)
Contract labor ... farms	3 865	(X)	4 052	4 652
$1,000	(X)	29 043	22 488	27 733
percent of total	(X)	1.0	.9	1.3
Farms with expenses of—				
$1 to $999	1 689	713	1 714	2 093
$1,000 to $4,999	1 330	2 935	1 547	1 582
$5,000 to $9,999	435	2 973	376	440
$10,000 to $24,999	232	3 482	257	366
$25,000 to $49,999	102	3 561	74	98
$50,000 or more	77	15 378	84	73
$50,000 to $99,999	40	2 537	58	(NA)
$100,000 or more	37	12 840	26	(NA)

Table 3. **Farm Production Expenses: 1997, 1992, and 1987**—Con.

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

Item	1997 Farms	1997 Expenses ($1,000)	1992	1987
Total farm production expenses—Con.				
Repair and maintenance ..... farms..	37 918	(X)	40 611	43 440
$1,000..	(X)	209 298	189 820	152 652
percent of total..	(X)	7.4	7.3	6.9
Farms with expenses of—				
$1 to $999	12 823	5 408	14 660	18 473
$1,000 to $4,999	15 178	34 701	16 389	16 927
$5,000 to $9,999	4 639	31 666	4 552	4 225
$10,000 to $24,999	3 669	53 868	3 728	3 046
$25,000 to $49,999	1 118	37 324	936	599
$50,000 or more	491	46 330	346	170
$50,000 to $99,999	364	23 388	270	(NA)
$100,000 or more	127	22 942	76	(NA)
Customwork, machine hire, and rental of machinery and equipment ..... farms..	13 520	(X)	15 413	17 732
$1,000..	(X)	53 082	40 995	34 043
percent of total..	(X)	1.9	1.6	1.5
Farms with expenses of—				
$1 to $999	6 439	2 428	8 117	10 922
$1,000 to $4,999	4 866	11 039	5 504	5 482
$5,000 to $9,999	1 123	7 593	1 023	791
$10,000 to $24,999	773	11 177	584	417
$25,000 to $49,999	194	6 664	118	86
$50,000 or more	125	14 180	67	34
Interest ..... farms..	18 209	(X)	21 399	25 197
$1,000..	(X)	189 849	181 417	197 966
percent of total..	(X)	6.7	7.0	9.0
Farms with expenses of—				
$1 to $999	3 100	1 516	4 059	6 055
$1,000 to $4,999	7 147	18 354	9 081	10 112
$5,000 to $9,999	3 443	23 986	3 553	3 970
$10,000 to $24,999	2 796	42 997	3 122	3 287
$25,000 to $49,999	1 059	36 248	1 046	1 177
$50,000 to $99,999	461	29 984	407	481
$100,000 or more	203	36 765	131	115
Interest paid on debt:				
Secured by real estate ..... farms..	13 336	(X)	15 890	19 208
$1,000..	(X)	123 249	124 991	143 627
percent of total..	(X)	4.3	4.8	6.5
Farms with expenses of—				
$1 to $999	1 609	831	2 151	(NA)
$1,000 to $4,999	5 936	15 987	7 322	(NA)
$5,000 to $9,999	2 633	18 298	3 001	(NA)
$10,000 to $24,999	2 078	30 516	2 443	(NA)
$25,000 to $49,999	762	25 977	681	(NA)
$50,000 to $99,999	232	15 205	222	(NA)
$100,000 or more	86	16 437	70	(NA)
Not secured by real estate ..... farms..	10 394	(X)	12 115	13 182
$1,000..	(X)	66 600	56 426	54 339
percent of total..	(X)	2.3	2.2	2.5
Farms with expenses of—				
$1 to $999	2 926	1 371	4 291	(NA)
$1,000 to $4,999	4 434	9 982	4 949	(NA)
$5,000 to $9,999	1 375	9 294	1 437	(NA)
$10,000 to $24,999	1 127	17 076	1 086	(NA)
$25,000 to $49,999	371	12 260	261	(NA)
$50,000 to $99,999	114	7 576	72	(NA)
$100,000 or more	47	9 041	19	(NA)
Cash rent ..... farms..	12 983	(X)	14 665	15 070
$1,000..	(X)	162 012	132 101	101 910
percent of total..	(X)	5.7	5.1	4.6
Farms with expenses of—				
$1 to $499	2 050	498	2 604	2 465
$500 to $999	1 375	956	1 728	1 971
$1,000 to $4,999	4 553	10 784	5 242	5 888
$5,000 to $9,999	1 633	11 489	1 973	2 078
$10,000 to $24,999	1 753	27 539	1 864	1 738
$25,000 to $49,999	892	30 192	770	660
$50,000 or more	727	80 554	484	270
Property taxes paid ..... farms..	43 608	(X)	43 651	48 191
$1,000..	(X)	114 049	170 743	157 280
percent of total..	(X)	4.0	6.6	7.1
Farms with expenses of—				
$1 to $499	4 007	1 161	2 814	3 957
$500 to $999	9 100	6 903	4 208	6 221
$1,000 to $4,999	25 539	53 853	27 124	29 868
$5,000 to $9,999	3 399	22 685	6 360	5 386
$10,000 to $24,999	1 308	18 666	2 657	2 444
$25,000 or more	255	10 781	488	315
All other farm production expenses ..... farms..	40 748	(X)	42 218	46 587
$1,000..	(X)	315 391	292 492	239 391
percent of total..	(X)	11.1	11.3	10.8
Farms with expenses of—				
$1 to $999	17 306	7 461	17 752	22 487
$1,000 to $4,999	15 031	31 802	15 567	15 824
$5,000 to $9,999	3 151	21 277	3 616	3 597
$10,000 to $24,999	2 991	44 553	3 071	2 899
$25,000 to $49,999	1 164	40 307	1 220	1 117
$50,000 to $99,999	694	45 984	619	449
$100,000 or more	411	124 006	373	214
$100,000 to $249,999	306	44 169	282	(NA)
$250,000 or more	105	79 838	91	(NA)

Table 4. **Net Cash Return From Agricultural Sales: 1997 and 1992**

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

Item	1997			1992		
	All farms	Farms with sales of $10,000 or more	Farms with sales of less than $10,000	All farms	Farms with sales of $10,000 or more	Farms with sales of less than $10,000
Net cash return from agricultural sales for the farm unit (see text) ..... farms..	46 040	22 636	23 404	46 558	23 542	23 016
$1,000..	686 891	758 861	–71 970	431 005	520 092	–89 088
Average per farm ..... dollars..	14 919	33 525	–3 075	9 257	22 092	–3 871
Farms with net gains[1] ..... number..	21 612	16 604	5 008	19 843	15 850	3 993
$1,000..	883 034	872 907	10 127	634 583	627 411	7 171
Average per farm ..... dollars..	40 859	52 572	2 022	31 980	39 584	1 796
Gain of—						
Less than $1,000	2 498	604	1 894	2 350	763	1 587
$1,000 to $4,999	5 176	2 480	2 696	5 031	2 824	2 207
$5,000 to $9,999	3 020	2 602	418	2 579	2 380	199
$10,000 to $24,999	4 241	4 241	–	3 677	3 677	–
$25,000 to $49,999	2 678	2 678	–	2 628	2 628	–
$50,000 or more	3 999	3 999	–	3 578	3 578	–
Farms with net losses ..... number..	24 428	6 032	18 396	26 715	7 692	19 023
$1,000..	196 143	114 046	82 097	203 578	107 319	96 259
Average per farm ..... dollars..	8 029	18 907	4 463	7 620	13 952	5 060
Loss of—						
Less than $1,000	3 584	492	3 092	3 088	571	2 517
$1,000 to $4,999	11 797	1 846	9 951	11 866	2 034	9 832
$5,000 to $9,999	4 948	1 354	3 594	6 135	1 777	4 358
$10,000 to $24,999	3 006	1 381	1 625	4 373	2 218	2 155
$25,000 to $49,999	744	632	112	932	798	134
$50,000 or more	349	327	22	321	294	27

[1]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 5. **Government Payments and Other Farm-Related Income: 1997 and 1992**

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

Item		All farms		Farms with sales of $10,000 or more	
		Farms	Value ($1,000)	Farms	Value ($1,000)
Government payments	1997	18 851	92 806	11 974	76 933
	1992	15 862	91 610	11 619	84 083
Average per farm[1]	1997	(X)	4 923	(X)	6 425
	1992	(X)	5 775	(X)	7 237
1997 farms with receipts of—					
$1 to $999		4 992	2 227	2 385	(D)
$1,000 to $4,999		8 739	21 250	5 234	13 271
$5,000 to $9,999		2 695	18 743	2 114	14 834
$10,000 to $24,999		1 861	28 407	1 692	26 031
$25,000 to $49,999		466	15 651	453	15 202
$50,000 or more		98	6 527	96	(D)
Amount from Conservation Reserve and Wetlands Reserve Programs	1997	5 253	16 056	1 436	3 966
	1992	2 641	7 019	1 458	4 193
Average per farm[1]	1997	(X)	3 056	(X)	2 762
	1992	(X)	2 658	(X)	2 876
Other farm-related income, gross before taxes and expenses[2]	1997	11 609	61 699	7 094	47 532
	1992	11 274	52 101	6 744	41 349
Average per farm[1]	1997	(X)	5 315	(X)	6 700
	1992	(X)	4 621	(X)	6 131
1997 farms with receipts of—					
$1 to $999		4 207	1 622	2 483	903
$1,000 to $4,999		4 370	10 445	2 472	6 054
$5,000 to $9,999		1 450	9 904	821	5 720
$10,000 to $24,999		1 165	17 508	951	14 448
$25,000 to $49,999		304	10 308	260	8 925
$50,000 or more		113	11 913	107	11 484
Customwork and other agricultural services	1997	3 312	22 647	2 401	20 716
	1992	3 903	23 737	2 758	21 618
Average per farm[1]	1997	(X)	6 838	(X)	8 628
	1992	(X)	6 082	(X)	7 838
1997 farms with receipts of—					
$1 to $999		1 134	462	644	(D)
$1,000 to $4,999		1 218	2 917	909	2 187
$5,000 to $9,999		375	2 487	286	1 913
$10,000 to $24,999		417	6 222	395	5 899
$25,000 to $49,999		122	4 364	122	4 364
$50,000 or more		46	6 193	45	(D)
Rental of farmland	1997	4 372	19 279	1 710	10 893
	1992	3 841	11 651	1 426	6 733
Average per farm[1]	1997	(X)	4 410	(X)	6 370
	1992	(X)	3 033	(X)	4 722
1997 farms with receipts of—					
$1 to $999		1 236	639	336	174
$1,000 to $4,999		2 077	4 923	809	2 086
$5,000 to $9,999		668	4 461	313	2 125
$10,000 to $24,999		285	4 227	181	2 742
$25,000 or more		106	5 029	71	3 766
Sales of forest products, excluding Christmas trees and maple products[3]	1997	1 494	10 013	769	7 272
	1992	1 662	9 036	988	6 982
Average per farm[1]	1997	(X)	6 702	(X)	9 456
	1992	(X)	5 437	(X)	7 067
1997 farms with receipts of—					
$1 to $999		390	148	145	(D)
$1,000 to $4,999		521	1 139	244	496
$5,000 to $9,999		232	1 526	107	736
$10,000 to $24,999		292	4 362	215	3 169
$25,000 or more		59	2 838	58	(D)
Other farm-related income sources	1997	4 791	9 761	4 051	8 652
	1992	3 945	7 677	3 062	6 016
Average per farm[1]	1997	(X)	2 037	(X)	2 136
	1992	(X)	1 946	(X)	1 965
1997 farms with receipts of—					
$1 to $999		3 043	889	2 513	(D)
$1,000 to $4,999		1 220	2 725	1 096	2 447
$5,000 to $9,999		317	2 210	252	1 749
$10,000 to $24,999		166	2 440	146	2 209
$25,000 or more		45	1 497	44	(D)

[1]Data are in whole dollars.
[2]Data are based on a sample of farms.
[3]Data for 1992 include Christmas trees and maple products.

Table 6. **Commodity Credit Corporation Loans: 1997 and 1992**

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

CCC loans	1997		1992	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Total	**1 587**	**51 618**	**2 014**	**43 087**
Average per farm[1]	(X)	32 525	(X)	21 394
Farms with loans of—				
$1 to $999	260	112	240	105
$1,000 to $4,999	338	873	485	1 282
$5,000 to $9,999	205	1 463	306	2 210
$10,000 to $19,999	240	3 350	357	4 921
$20,000 to $24,999	70	1 527	124	2 751
$25,000 to $49,999	182	6 414	283	9 936
$50,000 or more	292	37 878	219	21 881
Corn	1 322	33 325	1 543	31 569
Average per farm[1]	(X)	25 208	(X)	20 460
Farms with loans of—				
$1 to $999	216	101	158	80
$1,000 to $9,999	513	2 159	621	2 751
$10,000 to $24,999	248	3 925	390	6 265
$25,000 or more	345	27 140	374	22 472
Wheat	377	2 101	581	2 367
Average per farm[1]	(X)	5 572	(X)	4 074
Farms with loans of—				
$1 to $999	164	66	249	104
$1,000 to $9,999	158	503	274	898
$10,000 to $24,999	37	546	44	650
$25,000 or more	18	986	14	716
Soybeans	489	16 104	383	8 293
Average per farm[1]	(X)	32 933	(X)	21 653
Farms with loans of—				
$1 to $999	119	28	33	14
$1,000 to $9,999	87	363	109	585
$10,000 to $24,999	84	1 336	138	2 260
$25,000 or more	199	14 377	103	5 434
Sorghum, barley, and oats	60	(D)	74	(D)
Average per farm[1]	(X)	(D)	(X)	(D)
Farms with loans of—				
$1 to $999	48	7	57	12
$1,000 to $9,999	10	50	15	43
$10,000 to $24,999	2	(D)	2	(D)
$25,000 or more	–	–	–	–
Cotton	–	–	–	–
Average per farm[1]	(X)	–	(X)	–
Farms with loans of—				
$1 to $999	–	–	–	–
$1,000 to $9,999	–	–	–	–
$10,000 to $24,999	–	–	–	–
$25,000 or more	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed	1	(D)	1	(D)
Average per farm[1]	(X)	(D)	(X)	(D)
Farms with loans of—				
$1 to $999	–	–	1	(D)
$1,000 to $9,999	1	(D)	–	–
$10,000 to $24,999	–	–	–	–
$25,000 or more	–	–	–	–
Peanuts, rice, and tobacco[2]	–	–	79	772
Average per farm[1]	(X)	–	(X)	9 777
Farms with loans of—				
$1 to $999	–	–	26	8
$1,000 to $9,999	–	–	35	131
$10,000 to $24,999	–	–	8	110
$25,000 or more	–	–	10	524

[1]Data are in whole dollars.
[2]Data for 1992 include CCC loans for rye and honey.

Table 7. **Land Use: 1997, 1992, and 1987**

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

All farms		1997	Percent of total in 1997	1992	1987
Farms	number	46 027	100.0	46 562	51 172
Land in farms	acres	9 872 812	100.0	10 088 170	10 316 861
Total cropland	farms	43 017	93.5	44 320	48 653
	acres	7 891 802	79.9	8 156 388	8 181 320
Harvested cropland	farms	37 941	82.4	41 334	46 017
	acres	6 724 480	68.1	6 584 251	6 172 468
Farms by acres harvested:					
1 to 49 acres		17 921	38.9	19 130	21 716
1 to 9 acres		5 319	11.6	5 253	5 544
10 to 19 acres		4 423	9.6	4 857	5 616
20 to 29 acres		3 386	7.4	3 624	4 254
30 to 49 acres		4 793	10.4	5 396	6 302
50 to 99 acres		6 342	13.8	7 289	8 682
100 to 199 acres		5 247	11.4	6 024	6 866
200 to 499 acres		4 915	10.7	5 609	6 088
500 to 999 acres		2 289	5.0	2 334	2 075
1,000 acres or more		1 227	2.7	948	590
1,000 to 1,999 acres		950	2.1	761	518
2,000 acres or more		277	.6	187	72
Cropland used only for pasture or grazing	farms	14 850	32.3	15 354	16 096
	acres	481 259	4.9	517 225	518 589
Other cropland	farms	16 535	35.9	23 807	27 660
	acres	686 063	6.9	1 054 912	1 490 263
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	5 423	11.8	8 997	10 093
	acres	197 004	2.0	302 919	440 552
Cropland on which all crops failed	farms	1 772	3.8	4 776	3 746
	acres	39 640	.4	181 074	90 181
Cropland in cultivated summer fallow	farms	2 749	6.0	3 609	5 130
	acres	73 243	.7	90 179	139 260
Cropland idle	farms	10 334	22.5	14 632	17 994
	acres	376 176	3.8	480 740	820 270
Total woodland	farms	24 314	52.8	25 481	27 107
	acres	1 142 688	11.6	1 200 827	1 253 543
Woodland pastured	farms	4 658	10.1	5 374	6 101
	acres	151 171	1.5	201 619	229 240
Woodland not pastured	farms	22 014	47.8	22 709	23 871
	acres	991 517	10.0	999 208	1 024 303
Pastureland and rangeland other than cropland and woodland pastured	farms	5 876	12.8	5 717	6 852
	acres	187 975	1.9	199 912	230 074
Land in house lots, ponds, roads, wasteland, etc.	farms	32 389	70.4	31 889	37 216
	acres	650 347	6.6	531 043	651 924
Land under Conservation Reserve or Wetlands Reserve Programs[1]	farms	5 251	(X)	2 937	851
	acres	287 081	(X)	130 652	38 874

[1]Data for 1987 are for Conservation Reserve Program only.

Table 8. **Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1997 and 1992**

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

All farms	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	1997	1992	1997	1992	1997	1992	1997	1992
Land in farms	46 027	46 562	9 872 812	10 088 170	6 724 480	6 584 251	393 485	366 465
Farms by size:								
1 to 9 acres	2 611	2 562	11 808	10 907	3 951	3 993	1 007	887
10 to 49 acres	12 075	11 148	332 869	311 060	130 752	135 796	6 211	5 775
50 to 69 acres	3 563	3 334	208 058	194 315	89 911	93 076	3 419	3 208
70 to 99 acres	5 801	5 679	472 895	463 983	205 278	222 960	5 415	5 626
100 to 139 acres	4 572	4 796	532 355	559 470	254 073	285 040	8 011	8 649
140 to 179 acres	3 503	3 640	551 805	572 489	277 186	296 491	6 893	9 564
180 to 219 acres	2 401	2 566	473 869	505 145	261 825	276 609	7 123	10 528
220 to 259 acres	1 683	1 968	400 224	466 247	235 278	270 219	5 988	8 330
260 to 499 acres	4 905	5 755	1 749 221	2 043 779	1 150 580	1 294 533	36 657	39 119
500 to 999 acres	3 201	3 576	2 221 015	2 445 241	1 692 368	1 762 526	91 522	104 612
1,000 to 1,999 acres	1 338	1 234	1 773 514	1 609 317	1 458 859	1 251 816	106 971	92 291
2,000 acres or more	374	304	1 145 179	906 217	964 419	691 192	114 268	77 876
5,000 acres or more	25	19	169 340	131 476	135 842	82 771	20 330	16 959
Farms with harvested cropland	37 941	41 334	9 341 044	9 785 302	6 724 480	6 584 251	392 878	366 369
Farms by size:								
1 to 9 acres	1 354	1 339	6 372	6 375	3 951	3 993	992	880
10 to 49 acres	8 530	8 675	245 390	252 250	130 752	135 796	6 095	5 717
50 to 69 acres	2 871	2 986	167 795	174 300	89 911	93 076	3 382	3 194
70 to 99 acres	4 753	5 225	387 734	427 260	205 278	222 960	5 370	5 626
100 to 139 acres	3 976	4 526	463 468	528 463	254 073	285 040	7 916	8 642
140 to 179 acres	3 116	3 497	491 370	550 224	277 186	296 491	6 839	9 564
180 to 219 acres	2 212	2 472	436 594	486 903	261 825	276 609	7 002	10 528
220 to 259 acres	1 581	1 900	376 004	450 091	235 278	270 219	5 988	8 330
260 to 499 acres	4 696	5 654	1 678 928	2 009 391	1 150 580	1 294 533	36 533	39 111
500 to 999 acres	3 150	3 537	2 188 019	2 420 109	1 692 368	1 762 526	91 522	104 612
1,000 to 1,999 acres	1 330	1 224	1 763 001	1 596 160	1 458 859	1 251 816	106 971	92 289
2,000 acres or more	372	299	1 136 369	883 776	964 419	691 192	114 268	77 876
5,000 acres or more	24	17	163 530	117 676	135 842	82 771	20 330	16 959
Farms with irrigated land	3 752	3 823	1 285 574	1 218 481	989 842	867 833	393 485	366 465
Farms by size:								
1 to 9 acres	544	492	2 211	2 026	1 104	1 040	1 007	887
10 to 49 acres	963	908	23 663	21 973	9 038	8 417	6 211	5 775
50 to 69 acres	240	229	13 960	13 332	5 798	5 391	3 419	3 208
70 to 99 acres	284	275	22 938	22 694	10 040	9 865	5 415	5 626
100 to 139 acres	225	264	26 454	30 551	13 945	16 192	8 011	8 649
140 to 179 acres	168	209	26 580	33 065	15 765	18 670	6 893	9 564
180 to 219 acres	127	150	25 193	29 733	14 969	18 861	7 123	10 528
220 to 259 acres	90	127	21 323	30 119	13 295	19 346	5 988	8 330
260 to 499 acres	355	404	130 811	146 525	90 928	93 187	36 657	39 119
500 to 999 acres	385	467	275 811	330 773	215 820	250 664	91 522	104 612
1,000 to 1,999 acres	265	216	371 536	290 144	304 199	224 704	106 971	92 291
2,000 acres or more	106	82	345 094	267 546	294 941	201 496	114 268	77 876
5,000 acres or more	9	7	70 326	59 260	55 854	35 193	20 330	16 959

Table 9. **Irrigation: 1997, 1992, and 1987**

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

Farms with irrigation		1997	1992	1987
Farms	number	3 752	3 823	3 755
Proportion of farms	percent	8.2	8.2	7.3
Irrigated land	acres	393 485	366 465	314 953
Average per farm	acres	105	96	84
Acres irrigated:				
1 to 9 acres	farms	1 808	1 720	1 495
	acres	4 809	4 684	4 441
10 to 49 acres	farms	798	845	938
	acres	18 613	19 304	22 448
50 to 99 acres	farms	329	367	484
	acres	22 944	25 196	33 777
100 to 199 acres	farms	318	377	399
	acres	42 744	51 122	54 797

Farms with irrigation		1997	1992	1987
Irrigated land—Con.				
Acres irrigated—Con.				
200 to 499 acres	farms	291	347	329
	acres	89 261	105 342	97 691
500 to 999 acres	farms	138	112	92
	acres	93 020	73 378	62 310
1,000 acres or more	farms	70	55	18
	acres	122 094	87 439	39 489
Irrigated land use:				
Harvested cropland	farms	3 669	3 767	3 684
	acres	390 636	364 718	312 073
Pastureland and other land	farms	161	137	167
	acres	2 849	1 747	2 880
Land in irrigated farms	acres	1 285 574	1 218 481	1 202 332
Cropland	acres	1 078 361	1 021 917	983 933
Harvested cropland	acres	989 842	867 833	756 212

Table 10. **Selected Characteristics of Irrigated and Nonirrigated Farms: 1997 and 1992**

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

Characteristics	All farms		Irrigated farms				Nonirrigated farms	
			Any land irrigated		All harvested cropland irrigated			
	1997	1992	1997	1992	1997	1992	1997	1992
Farms ..... number..	46 027	46 562	3 752	3 823	1 655	1 635	42 275	42 739
Land in farms ..... acres..	9 872 812	10 088 170	1 285 574	1 218 481	149 541	157 623	8 587 238	8 869 689
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars..	358 166	247 370	673 014	438 072	363 340	247 040	331 023	230 543
Average per acre ..... dollars..	1 671	1 131	1 890	1 372	4 125	2 821	1 638	1 099
Irrigated land ..... acres..	393 485	366 465	393 485	366 465	88 943	85 920	(X)	(X)
Land in farms according to use:								
Total cropland ..... farms..	43 017	44 320	3 746	3 820	1 655	1 635	39 271	40 500
acres..	7 891 802	8 156 388	1 078 361	1 021 917	109 726	118 628	6 813 441	7 134 471
Harvested cropland ..... farms..	37 941	41 334	3 705	3 798	1 655	1 635	34 236	37 536
acres..	6 724 480	6 584 251	989 842	867 833	88 058	85 281	5 734 638	5 716 418
Pastureland, excluding woodland pastured ..... farms..	19 003	19 149	732	725	221	174	18 271	18 424
acres..	669 234	717 137	31 296	37 337	4 992	4 660	637 938	679 800
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	5 251	2 937	203	206	54	43	5 048	2 731
acres..	287 081	130 652	9 020	13 726	1 801	2 629	278 061	116 926
Owned and rented land in farms:								
Owned land in farms ..... farms..	43 430	43 570	3 486	3 539	1 513	1 488	39 944	40 031
acres..	6 054 109	6 299 466	706 857	735 482	104 850	118 751	5 347 252	5 563 984
Rented or leased land in farms ..... farms..	18 094	19 492	1 658	1 744	378	392	16 436	17 748
acres..	3 818 703	3 788 704	578 717	482 999	44 691	38 872	3 239 986	3 305 705
Market value of agricultural products sold ..... $1,000..	3 567 825	3 028 547	1 067 290	820 380	342 097	290 053	2 500 535	2 208 167
Average per farm ..... dollars..	77 516	65 043	284 459	214 591	206 705	177 402	59 149	51 666
Crops, including nursery and greenhouse crops ..... farms..	31 679	33 778	3 586	3 656	1 595	1 584	28 093	30 122
$1,000..	2 199 721	1 671 563	922 121	686 333	337 455	285 297	1 277 600	985 230
Livestock, poultry, and their products ..... farms..	19 541	22 300	711	825	130	140	18 830	21 475
$1,000..	1 368 104	1 356 984	145 169	134 047	4 643	4 756	1 222 936	1 222 937
Total farm production expenses[1] ..... $1,000..	2 835 658	2 583 189	801 148	656 244	234 202	222 881	2 034 510	1 926 945
Average per farm ..... dollars..	61 591	55 483	219 252	173 839	137 362	136 821	48 000	45 040
Livestock and poultry purchased ..... farms..	11 086	13 767	440	542	43	112	10 646	13 225
$1,000..	175 474	205 867	19 064	23 502	(D)	315	156 409	182 364
Feed for livestock and poultry ..... farms..	17 888	21 222	600	715	78	146	17 288	20 507
$1,000..	414 770	333 497	48 470	34 842	(D)	2 226	366 299	298 655
Seeds, bulbs, plants, and trees ..... farms..	27 224	30 784	2 810	2 841	1 040	1 029	24 414	27 943
$1,000..	180 800	137 278	71 495	48 940	30 108	23 146	109 305	88 338
Commercial fertilizer ..... farms..	29 576	33 548	3 261	3 490	1 388	1 419	26 315	30 058
$1,000..	244 613	218 185	50 101	39 776	7 707	6 155	194 512	178 409
Agricultural chemicals ..... farms..	26 238	33 010	2 987	3 535	1 243	1 470	23 251	29 475
$1,000..	182 494	149 282	50 011	40 895	7 458	6 873	132 483	108 387
Petroleum products ..... farms..	42 348	44 242	3 521	3 658	1 603	1 573	38 827	40 584
$1,000..	142 449	141 653	39 150	35 704	15 157	13 373	103 299	105 949
Electricity ..... farms..	31 396	34 961	3 106	3 200	1 302	1 283	28 290	31 761
$1,000..	53 192	49 096	16 102	12 561	5 547	4 708	37 089	36 535
Hired farm labor ..... farms..	14 481	15 908	2 319	2 422	1 005	940	12 162	13 486
$1,000..	369 145	318 276	198 665	171 844	80 595	81 475	170 480	146 432
Contract labor ..... farms..	3 865	4 052	583	654	271	236	3 282	3 398
$1,000..	29 043	22 488	13 923	7 772	4 320	2 385	15 119	14 716
Repairs and maintenance ..... farms..	37 918	40 611	3 299	3 518	1 415	1 453	34 619	37 093
$1,000..	209 298	189 820	48 934	39 866	13 907	11 676	160 364	149 954
Customwork, machine hire, and rental of machinery and equipment ..... farms..	13 520	15 413	1 320	1 428	386	399	12 200	13 985
$1,000..	53 082	40 995	16 061	10 520	4 069	3 168	37 020	30 474
Interest ..... farms..	18 209	21 399	2 105	2 258	734	780	16 104	19 141
$1,000..	189 849	181 417	47 970	38 220	10 761	9 966	141 879	143 196
Cash rent ..... farms..	12 983	14 665	1 450	1 435	274	310	11 533	13 230
$1,000..	162 012	132 101	41 271	29 342	4 968	4 996	120 740	102 759
Property taxes paid ..... farms..	43 608	43 651	3 429	3 492	1 574	1 463	40 179	40 159
$1,000..	114 049	170 743	17 464	23 982	5 204	6 136	96 585	146 761
All other farm production expenses ..... farms..	40 748	42 218	3 496	3 612	1 569	1 505	37 252	38 606
$1,000..	315 391	292 492	122 463	98 477	41 071	46 284	192 927	194 015
Commodity Credit Corporation loans[2] ..... farms..	1 587	2 014	173	231	14	16	1 414	1 783
$1,000..	51 618	43 087	10 855	9 420	534	253	40 763	33 667
Government payments received ..... farms..	18 851	15 862	1 252	1 342	255	251	17 599	14 520
$1,000..	92 806	91 610	14 510	15 534	1 704	1 767	78 296	76 076
Other farm-related income[1] ..... farms..	11 609	11 274	1 030	1 123	341	355	10 579	10 151
$1,000..	61 699	52 101	12 118	10 304	2 807	2 238	49 581	41 797
Estimated market value of all machinery and equipment[1] ..... farms..	46 039	46 489	3 654	3 774	1 705	1 628	42 385	42 715
$1,000..	3 055 199	2 558 206	536 392	440 525	151 263	109 456	2 518 808	2 117 680
Average per farm ..... dollars..	66 361	55 028	146 796	116 726	88 717	67 233	59 427	49 577
Livestock inventory:								
Cattle and calves ..... farms..	15 468	17 031	520	526	75	49	14 948	16 505
number..	1 025 702	1 113 604	83 455	84 871	1 504	1 416	942 247	1 028 733
Milk cows ..... farms..	3 990	5 198	170	204	9	5	3 820	4 994
number..	300 641	316 954	27 639	24 326	454	458	273 002	292 628
Hogs and pigs ..... farms..	2 853	4 774	143	220	13	37	2 710	4 554
number..	1 032 014	1 231 641	180 289	191 826	1 707	17 267	851 725	1 039 815
Sheep and lambs ..... farms..	1 628	1 831	56	71	12	20	1 572	1 760
number..	72 107	97 433	4 748	5 751	83	296	67 359	91 682

[1]Data are based on a sample of farms.
[2]Data for 1992 include CCC loans for rye and honey.

Table 11. **Value of Land and Buildings: 1997, 1992, and 1987**

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

Value of land and buildings	1997		1992	1987
	Farms	Value ($1,000)		
Estimated market value of land and buildings ..... farms..	46 040	(X)	46 558	51 175
$1,000..	(X)	16 489 949	11 517 049	10 033 617
Average per farm ..... dollars..	(X)	358 166	247 370	196 065
Average per acre ..... dollars..	(X)	1 671	1 131	971
Farms by value group:				
$1 to $39,999	2 925	63 135	4 532	6 878
$40,000 to $69,999	3 781	205 652	6 296	9 417
$70,000 to $99,999	4 603	380 317	6 670	8 555
$100,000 to $149,999	7 553	896 373	7 952	7 959
$150,000 to $199,999	5 941	988 307	5 252	4 711
$200,000 to $499,999	13 173	3 897 959	10 478	9 376
$500,000 to $999,999	4 701	3 210 733	3 593	3 044
$1,000,000 to $1,999,999	2 280	3 047 095	1 358	975
$2,000,000 to $4,999,999	921	2 656 275	400	237
$5,000,000 or more	162	1 144 103	27	23

Table 12. **Value of Machinery and Equipment on Place: 1997 and 1992**

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

Value of machinery and equipment	1997		1992	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Estimated market value of all machinery and equipment	46 039	3 055 199	46 489	2 558 206
Average per farm[1]	(X)	66 361	(X)	55 028
By value group:				
$1 to $4,999	3 530	10 396	3 731	10 908
$5,000 to $9,999	5 476	36 917	6 409	47 511
$10,000 to $19,999	8 759	118 173	10 141	135 274
$20,000 to $29,999	6 400	148 026	6 312	145 595
$30,000 to $49,999	6 291	231 392	5 888	216 521
$50,000 to $69,999	3 890	216 486	3 798	210 663
$70,000 to $99,999	3 368	273 476	2 631	212 190
$100,000 to $199,999	4 553	604 329	4 605	604 709
$200,000 to $499,999	3 116	869 623	2 610	690 825
$500,000 to $999,999	522	333 275	292	177 274
$1,000,000 or more	134	213 105	72	106 734

[1]Data are in whole dollars.

Table 13. **Selected Machinery and Equipment on Place: 1997 and 1992**

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

Selected machinery and equipment	1997						1992		
	Total		Manufactured 1993 to 1997		Manufactured prior to 1993				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Number manufactured 1988 to 1992
Motortrucks, including pickups	39 295	76 320	13 018	15 729	32 940	60 591	40 749	72 986	17 228
2 or 3	13 568	30 810	1 625	3 503	10 634	24 127	13 391	30 496	3 296
4 or more	4 197	23 980	174	1 007	3 056	17 214	3 378	18 510	934
Wheel tractors	42 549	115 020	6 010	9 273	40 497	105 747	43 471	130 927	9 711
2 or 3	19 838	47 774	1 498	3 296	18 724	45 069	19 494	46 583	3 515
4 or more	10 213	54 748	325	1 790	9 196	48 101	13 267	73 634	1 746
Less than 40 horsepower (PTO)	24 842	38 792	2 224	2 620	23 277	36 172	25 869	43 499	2 682
40 horsepower (PTO) or more	33 633	76 228	4 376	6 653	31 949	69 575	35 711	87 428	7 029
40 to 99 horsepower (PTO)	30 648	52 624	2 993	3 708	28 913	48 916	(NA)	(NA)	(NA)
100 horsepower (PTO) or more	13 905	23 604	1 903	2 945	13 047	20 659	(NA)	(NA)	(NA)
Grain and bean combines	14 570	17 075	1 088	1 175	13 657	15 900	17 950	21 018	1 443
Cotton pickers and strippers	–	–	–	–	–	–	–	–	–
Mower conditioners	17 162	18 578	2 321	2 414	15 084	16 164	18 276	19 920	2 683
Pickup balers	16 864	20 995	2 065	2 233	15 621	18 762	19 503	23 453	2 762

Table 14. **Petroleum Products Expenses: 1997, 1992, and 1987**

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

Item	1997		1992	1987
	Farms	Expenses ($1,000)		
Petroleum products ..... farms..	42 348	(X)	44 242	48 558
$1,000..	(X)	142 449	141 653	120 621
Average per farm ..... dollars..	(X)	3 364	3 202	2 484
Gasoline and gasohol ..... farms..	34 136	(X)	37 087	41 658
$1,000..	(X)	35 499	38 747	42 655
Average per farm ..... dollars..	(X)	1 040	1 045	1 024
Farms with expenses of—				
$1 to $499	18 457	3 815	18 525	20 585
$500 to $999	6 282	4 171	7 383	8 610
$1,000 to $1,999	4 816	6 281	6 147	6 651
$2,000 to $4,999	3 421	9 725	3 814	4 521
$5,000 to $9,999	802	5 048	911	1 002
$10,000 to $24,999	293	3 845	271	261
$25,000 or more	65	2 614	36	28
Diesel fuel ..... farms..	30 196	(X)	31 010	29 904
$1,000..	(X)	61 048	59 967	50 970
Average per farm ..... dollars..	(X)	2 022	1 934	1 704
Farms with expenses of—				
$1 to $499	13 137	2 827	13 014	12 312
$500 to $999	5 491	3 643	5 425	5 586
$1,000 to $1,999	4 090	5 443	4 692	4 659
$2,000 to $4,999	4 338	12 956	4 777	4 825
$5,000 to $9,999	1 906	12 754	2 035	1 796
$10,000 to $24,999	1 015	14 203	910	656
$25,000 or more	219	9 222	157	70
Natural gas ..... farms..	1 932	(X)	1 912	1 941
$1,000..	(X)	17 510	15 610	9 571
Average per farm ..... dollars..	(X)	9 063	8 164	4 931
Farms with expenses of—				
$1 to $99	75	4	69	148
$100 to $499	276	67	376	474
$500 to $999	304	212	290	366
$1,000 to $1,999	301	395	289	312
$2,000 to $4,999	379	1 078	368	291
$5,000 to $9,999	259	1 787	205	174
$10,000 or more	338	13 969	315	176
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	31 611	(X)	33 927	35 310
$1,000..	(X)	28 391	27 329	17 425
Average per farm ..... dollars..	(X)	898	806	493
Farms with expenses of—				
$1 to $99	10 875	511	12 402	14 170
$100 to $499	12 183	2 563	12 849	13 499
$500 to $999	3 169	2 092	3 183	3 629
$1,000 to $1,999	2 150	2 822	2 270	2 081
$2,000 to $4,999	1 902	5 549	1 911	1 474
$5,000 to $9,999	824	5 593	861	334
$10,000 or more	508	9 262	451	123

Table 15. **Agricultural Chemicals Used, Including Fertilizer: 1997, 1992, and 1987**

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

Chemicals used	1997	1992	1987
Any chemicals or fertilizer used[1] ..... farms..	32 446	38 138	40 732
Commercial fertilizer ..... farms..	29 576	33 548	37 298
acres on which used..	5 612 394	5 696 920	5 300 902
$1,000..	244 613	218 185	194 526
Agricultural chemicals ..... farms..	26 238	33 010	35 505
$1,000..	182 494	149 282	119 993
Sprays, dusts, granules, fumigants, etc., to control—			
Insects on hay and other crops ..... farms..	9 816	14 717	15 082
acres on which used..	1 252 567	1 412 690	1 532 318
Nematodes in crops ..... farms..	1 010	1 305	2 132
acres on which used..	122 416	153 808	205 371
Diseases in crops and orchards ..... farms..	4 101	4 543	5 320
acres on which used..	369 437	326 781	336 227
Weeds, grass, or brush in crops and pasture ..... farms..	20 327	23 222	27 595
acres on which used..	4 321 549	4 286 848	3 800 607
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	1 391	1 567	2 204
acres on which used..	129 348	99 465	118 970

[1]Data for 1987 include farms on which lime was applied alone or together with fertilizer and/or chemicals.

Table 16. Tenure and Characteristics of Operator and Type of Organization for All Farms and Farms Operated by Black and Other Races: 1997, 1992, and 1987

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

Characteristics		All farms			Farms operated by Black and other races[1]		
		1997	1992	1987	1997	1992	1987
Tenure of operator:							
All operators	farms	46 027	46 562	51 172	319	284	292
	acres	9 872 812	10 088 170	10 316 861	31 230	34 535	29 628
Harvested cropland	farms	37 941	41 334	46 017	232	219	239
	acres	6 724 480	6 584 251	6 172 468	13 297	13 657	13 019
Full owners	farms	27 933	27 070	31 186	239	210	222
	acres	2 864 121	2 946 685	3 461 112	17 556	19 652	12 986
Harvested cropland	farms	20 652	22 557	26 650	161	152	173
	acres	1 207 258	1 327 457	1 541 497	5 353	5 507	4 501
Part owners	farms	15 497	16 500	16 903	70	66	60
	acres	6 460 128	6 503 889	6 298 444	12 825	13 194	15 154
Harvested cropland	farms	14 989	16 060	16 536	63	59	58
	acres	5 049 214	4 751 815	4 238 821	7 299	6 747	7 641
Tenants	farms	2 597	2 992	3 083	10	8	10
	acres	548 563	637 596	557 305	849	1 689	1 488
Harvested cropland	farms	2 300	2 717	2 831	8	8	8
	acres	468 008	504 979	392 150	645	1 403	877
Percent of tenancy	percent	5.6	6.4	6.0	3.1	2.8	3.4
Operators by place of residence:							
On farm operated		37 077	38 336	41 967	239	209	205
Not on farm operated		6 043	5 682	6 332	57	58	61
Not reported		2 907	2 544	2 873	23	17	26
Operators by principal occupation:							
Farming		22 043	24 396	26 112	134	113	96
Other		23 984	22 166	25 060	185	171	196
Operators by days worked off farm:							
None		17 964	18 547	19 384	107	98	76
Any		25 906	25 462	29 155	200	173	201
1 to 49 days		2 229	2 346	2 714	12	12	9
50 to 99 days		1 260	1 279	1 344	6	16	5
100 to 149 days		1 414	1 363	1 564	11	9	10
150 to 199 days		2 435	2 490	2 715	26	19	33
200 days or more		18 568	17 984	20 818	145	117	144
Not reported		2 157	2 553	2 633	12	13	15
Operators by years on present farm:							
2 years or less		1 810	1 838	2 061	14	17	16
3 or 4 years		2 532	2 793	2 996	28	34	30
5 to 9 years		5 715	5 819	7 171	55	55	45
10 years or more		28 751	29 039	30 863	170	137	145
Average years on present farm		21.6	20.9	20.0	16.6	14.5	15.4
Not reported		7 219	7 073	8 081	52	41	56
Operators by age group:							
Under 25 years		459	643	829	3	2	5
25 to 34 years		3 114	4 610	6 206	17	29	24
35 to 44 years		9 770	10 219	11 098	69	60	75
45 to 49 years		5 906	5 604	6 142	49	32	39
50 to 54 years		5 978	5 691	5 792	45	37	27
55 to 59 years		5 598	5 172	5 944	36	32	33
60 to 64 years		4 812	4 910	5 649	29	31	31
65 to 69 years		3 901	3 981	4 355	31	21	26
70 years and over		6 489	5 732	5 157	40	40	32
Average age		53.3	51.9	50.9	53.2	52.2	51.3
Operators by sex:							
Male	farms	42 094	43 435	48 458	270	246	259
	acres	9 485 557	9 739 656	10 026 658	28 007	31 702	26 869
Female	farms	3 933	3 127	2 714	49	38	33
	acres	387 255	348 514	290 203	3 223	2 833	2 759
Operators of Spanish, Hispanic, or Latino origin (see text)	farms	280	186	122	59	53	26
	acres	57 621	35 043	17 323	3 633	6 235	1 572
Operators not of Spanish, Hispanic, or Latino origin	farms	39 825	34 372	36 641	211	148	157
Spanish, Hispanic, or Latino origin not reported	farms	5 922	12 004	14 409	49	83	109
Type of organization:							
Individual or family (sole proprietorship)	farms	40 190	40 654	45 166	286	259	263
	acres	7 205 435	7 462 640	7 848 652	27 218	26 994	21 530
Partnership	farms	3 778	4 316	4 662	17	17	20
	acres	1 717 866	1 896 429	1 851 919	2 292	2 476	3 361
Corporation	farms	1 834	1 431	1 167	16	4	6
	acres	884 195	668 814	557 706	1 720	(D)	337
Family held:							
More than 10 stockholders	farms	30	23	14	–	–	–
	acres	25 247	17 282	15 910	–	–	–
10 or less stockholders	farms	1 632	1 271	1 042	13	4	5
	acres	817 084	602 032	502 590	(D)	(D)	(D)
Other than family held:							
More than 10 stockholders	farms	17	14	12	–	–	–
	acres	3 252	10 026	7 775	–	–	–
10 or less stockholders	farms	155	123	99	3	–	1
	acres	38 612	39 474	31 431	(D)	–	(D)
Other—cooperative, estate or trust, institutional, etc.	farms	225	161	177	–	4	3
	acres	65 316	60 287	58 584	–	(D)	4 400

[1]For classification of social and ethnic groups, see text.

Table 17. **Selected Characteristics of Farms by Specified Racial Groups, Sex of Operators, and Persons of Spanish, Hispanic, or Latino Origin: 1997 and 1992**

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

Characteristics	Farms operated by specified racial groups					Operators by sex		Operators of Spanish, Hispanic, or Latino origin[1]
	Total	Black	American Indian	Asian or Pacific Islander	Other (see text)	Female	Male	
FARMS AND LAND IN FARMS								
Farms ..... number, 1997..	319	110	98	27	84	3 933	42 094	280
1992..	284	124	82	20	58	3 127	43 435	186
Land in farms ..... acres, 1997..	31 230	8 697	11 996	2 116	8 421	387 255	9 485 557	57 621
1992..	34 535	11 969	14 322	1 783	6 461	348 514	9 739 656	35 043
Harvested cropland ..... farms, 1997..	232	78	68	20	66	2 336	35 605	231
1992..	219	99	59	13	48	2 248	39 086	167
acres, 1997..	13 297	3 177	4 768	1 044	4 308	174 317	6 550 163	38 563
1992..	13 657	5 755	4 395	621	2 886	168 098	6 416 153	17 826
1997 FARMS BY SIZE								
1 to 9 acres	30	8	11	3	8	486	2 125	15
10 to 49 acres	142	57	36	13	36	1 628	10 447	87
50 to 139 acres	83	25	29	5	24	1 116	12 820	78
140 to 219 acres	25	10	6	4	5	351	5 553	36
220 to 499 acres	29	8	10	2	9	236	6 352	33
500 acres or more	10	2	6	–	2	116	4 797	31
1997 OWNED AND RENTED LAND IN FARMS								
Owned land in farms ..... farms..	309	108	92	27	82	3 770	39 660	262
acres..	23 881	(D)	7 629	(D)	6 970	307 893	5 746 216	37 176
Rented or leased land in farms ..... farms..	80	24	30	2	24	716	17 378	99
acres..	7 349	(D)	4 367	(D)	1 451	79 362	3 739 341	20 445
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	239	86	68	25	60	3 217	24 716	181
1992..	210	96	56	17	41	2 499	24 571	115
acres, 1997..	17 556	5 467	5 659	(D)	(D)	230 007	2 634 114	21 095
1992..	19 652	6 807	7 408	1 570	3 867	207 666	2 739 019	16 943
Part owners ..... farms, 1997..	70	22	24	2	22	553	14 944	81
1992..	66	26	25	3	12	495	16 005	60
acres, 1997..	12 825	(D)	5 707	(D)	(D)	138 364	6 321 764	33 877
1992..	13 194	(D)	(D)	213	2 017	128 369	6 375 520	16 303
Tenants ..... farms, 1997..	10	2	6	–	2	163	2 434	18
1992..	8	2	1	–	5	133	2 859	11
acres, 1997..	849	(D)	630	–	(D)	18 884	529 679	2 649
1992..	1 689	(D)	(D)	–	577	12 479	625 117	1 797
1997 FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	286	99	89	19	79	3 502	36 688	244
Partnership	17	7	5	2	3	221	3 557	24
Family held corporation	13	3	2	6	2	154	1 508	12
Other than family held corporation	3	1	2	–	–	19	153	–
Other—cooperative, estate or trust, institutional, etc.	–	–	–	–	–	37	188	–
1997 MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales ..... farms..	319	110	98	27	84	3 933	42 094	280
$1,000..	10 145	3 542	2 806	1 093	2 704	84 897	3 482 928	21 940
Crops, including nursery and greenhouse crops ..... farms..	183	61	50	15	57	1 716	29 963	198
$1,000..	7 480	3 312	1 085	944	2 139	57 372	2 142 349	16 505
Livestock, poultry, and their products ..... farms..	134	44	50	9	31	1 628	17 913	100
$1,000..	2 665	230	1 720	149	565	27 525	1 340 579	5 435
Farms by value of sales:								
Less than $1,000	79	27	31	7	14	1 339	6 417	46
$1,000 to $2,499	49	15	20	3	11	562	4 239	28
$2,500 to $9,999	72	28	21	3	20	990	9 859	70
$10,000 to $19,999	45	13	13	6	13	339	5 263	29
$20,000 to $24,999	12	6	4	1	1	102	1 509	5
$25,000 or more	62	21	9	7	25	601	14 807	102
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	57	20	20	6	11	814	15 493	69
Vegetable and melon farming (1112)	15	8	–	1	6	98	1 330	17
Fruit and tree nut farming (1113)	48	23	5	2	18	240	2 428	38
Greenhouse, nursery, and floriculture production (1114)	29	7	9	4	9	347	2 707	26
Other crop farming (1119)	38	9	15	4	10	439	5 752	37
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	38	9	15	4	10	439	5 752	37
Beef cattle ranching and farming (112111)	38	16	15	–	7	329	4 436	22
Cattle feedlots (112112)	5	2	1	1	1	98	1 693	7
Dairy cattle and milk production (11212)	6	–	2	1	3	113	3 064	16
Hog and pig farming (1122)	11	8	2	1	–	69	1 109	7
Poultry and egg production (1123)	7	2	3	–	2	58	342	3
Sheep and goat farming (1124)	16	3	6	–	7	153	528	6
Animal aquaculture and other animal production (1125, 1129)	49	12	20	7	10	1 175	3 212	32

See footnotes at end of table.

Table 17. **Selected Characteristics of Farms by Specified Racial Groups, Sex of Operators, and Persons of Spanish, Hispanic, or Latino Origin: 1997 and 1992**—Con.

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

Characteristics	Farms operated by specified racial groups					Operators by sex		Operators of Spanish, Hispanic, or Latino origin[1]
	Total	Black	American Indian	Asian or Pacific Islander	Other (see text)	Female	Male	
1997 OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	239	77	82	15	65	3 260	33 817	231
Not on farm operated	57	26	8	9	14	406	5 637	39
Not reported	23	7	8	3	5	267	2 640	10
Operators by principal occupation:								
Farming	134	45	37	9	43	1 758	20 285	157
Other	185	65	61	18	41	2 175	21 809	123
Operators by days worked off farm:								
None	107	36	32	10	29	1 785	16 179	121
Any	200	69	62	16	53	1 976	23 930	148
1 to 99 days	18	5	6	1	6	284	3 205	28
100 to 199 days	37	15	10	3	9	390	3 459	17
200 days or more	145	49	46	12	38	1 302	17 266	103
Not reported	12	5	4	1	2	172	1 985	11
Operators by years on present farm:								
2 years or less	14	4	1	1	8	252	1 558	12
3 or 4 years	28	7	10	6	5	335	2 197	27
5 to 9 years	55	13	26	5	11	673	5 042	24
10 years or more	170	66	47	9	48	2 009	26 742	174
Average years on present farm	16.6	19.6	14.6	9.4	17.3	17.8	21.9	20.8
Not reported	52	20	14	6	12	664	6 555	43
Operators by age group:								
Under 25 years	3	–	2	–	1	34	425	4
25 to 34 years	17	1	5	3	8	254	2 860	25
35 to 44 years	69	20	26	6	17	914	8 856	45
45 to 54 years	94	28	33	12	21	968	10 916	79
55 to 59 years	36	14	12	2	8	412	5 186	27
60 to 64 years	29	9	9	2	9	325	4 487	27
65 to 69 years	31	15	5	2	9	292	3 609	28
70 years and over	40	23	6	–	11	734	5 755	45
Average age	53.2	57.4	50.2	47.1	53.0	54.0	53.2	53.9
Operators by sex:								
Male	270	98	82	19	71	(X)	42 094	253
Female	49	12	16	8	13	3 933	(X)	27
Operators of Spanish, Hispanic, or Latino origin (see text)	59	4	2	1	52	27	253	280
1997 COMMODITY CREDIT CORPORATION LOANS AND GOVERNMENT PAYMENTS								
Amount received from Commodity Credit Corporation loans: farms	3	–	2	–	1	25	1 562	6
$1,000	(D)	–	(D)	–	(D)	424	51 194	86
Government payments received: farms	66	27	18	4	17	1 081	17 770	100
$1,000	239	109	50	8	71	3 505	89 301	586

[1]See chapter 1, table 16 for operators not of or not reporting Spanish, Hispanic, or Latino origin.

Table 18. Selected Characteristics of Farms by North American Industry Classification System: 1997

[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[1], average per farm (dollars): Land and buildings	Estimated market value of selected capital assets[1], average per farm (dollars): Machinery and equipment	Market value of agricultural products sold ($1,000): Total	Market value of agricultural products sold ($1,000): Crops, including nursery and greenhouse crops	Market value of agricultural products sold ($1,000): Livestock, poultry, and their products
Total	**46 027**	**9 872 812**	**6 724 480**	**358 166**	**66 361**	**3 567 825**	**2 199 721**	**1 368 104**
Crop production (111)	29 648	6 846 536	4 942 743	388 232	70 158	2 140 758	2 054 794	85 963
Oilseed and grain farming (1111)	16 307	4 894 874	3 820 539	453 567	78 974	990 577	941 293	49 284
Soybean farming (11111)	4 383	1 074 256	897 486	398 879	71 457	196 860	194 459	2 402
Oilseed (except soybean) farming (11112)	8	1 689	877	273 550	57 731	167	167	–
Dry pea and bean farming (11113)	426	125 392	104 646	384 691	71 085	26 341	25 796	545
Wheat farming (11114)	533	54 022	27 550	229 217	38 120	4 134	4 045	88
Corn farming (11115)	4 492	1 438 178	1 136 212	475 629	82 111	287 438	277 656	9 782
Rice farming (11116)	–	–	–	–	–	–	–	–
Other grain farming (11119)	6 465	2 201 337	1 653 768	497 258	85 639	475 638	439 170	36 467
Vegetable and melon farming (11121)	1 428	344 407	239 970	459 653	112 999	255 674	252 840	2 834
Potato farming (111211)	132	123 122	90 424	1 322 269	353 667	87 420	86 949	472
Other vegetable (except potato) and melon farming (111219)	1 296	221 285	149 546	378 849	90 455	168 254	165 891	2 363
Fruit and tree nut farming (1113)	2 668	347 863	183 768	362 117	71 968	234 679	233 397	1 281
Orange groves (11131)	–	–	–	–	–	–	–	–
Citrus (except orange) groves (11132)	–	–	–	–	–	–	–	–
Noncitrus fruit and tree nut farming (11133)	2 668	347 863	183 768	362 117	71 968	234 679	233 397	1 281
Apple orchards (111331)	930	127 966	71 758	357 699	72 495	89 750	89 260	490
Grape vineyards (111332)	287	20 225	11 130	254 111	43 524	10 627	10 593	34
Strawberry farming (111333)	88	6 303	1 270	138 274	18 536	1 892	1 890	2
Berry (except strawberry) farming (111334)	556	47 993	20 084	295 776	78 130	43 373	43 323	51
Tree nut farming (111335)	–	–	–	–	–	–	–	–
Fruit and tree nut combination farming (111336)	–	–	–	–	–	–	–	–
Other noncitrus fruit farming (111339)	807	145 376	79 526	459 174	79 762	89 037	88 332	705
Greenhouse, nursery, and floriculture production (1114)	3 054	241 781	102 071	284 052	58 548	476 447	476 203	244
Food crops grown under cover (11141)	17	441	35	246 832	218 571	(D)	(D)	(D)
Nursery and floriculture production (11142)	3 037	241 340	102 036	284 295	57 501	(D)	(D)	(D)
Nursery and tree production (111421)	2 011	203 144	87 503	263 545	44 080	(D)	(D)	(D)
Floriculture production (111422)	1 026	38 196	14 533	325 979	84 463	280 484	280 413	71
Other crop farming (1119)	6 191	1 017 611	596 395	262 291	42 868	183 380	151 061	32 320
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming (11193)	–	–	–	–	–	–	–	–
Hay farming (11194)	5 179	674 096	315 790	203 622	30 566	53 703	45 645	8 058
All other crop farming (11199)	1 012	343 515	280 605	542 096	101 593	129 677	105 416	24 261
Animal production (112)	16 379	3 026 276	1 781 737	302 626	59 348	1 427 068	144 927	1 282 141
Cattle ranching and farming (1121)	9 733	2 452 023	1 519 403	352 640	74 297	970 219	112 868	857 351
Beef cattle ranching and farming, including feedlots (11211)	6 556	1 055 582	489 400	243 344	41 267	234 515	43 551	190 964
Beef cattle ranching and farming (112111)	4 765	729 423	287 379	224 553	37 796	90 889	18 905	71 984
Cattle feedlots (112112)	1 791	326 159	202 021	289 572	49 807	143 626	24 646	118 980
Dairy cattle and milk production (11212)	3 177	1 396 441	1 030 003	576 927	142 077	735 704	69 317	666 387
Hog and pig farming (1122)	1 178	261 616	188 059	396 233	73 726	233 720	24 357	209 363
Poultry and egg production (1123)	400	38 575	20 148	289 946	73 404	172 474	(D)	(D)
Chicken egg production (11231)	196	20 733	12 784	284 595	81 753	82 482	2 600	79 882
Broilers and other meat-type chicken production (11232)	26	1 138	(D)	160 829	30 082	(D)	(D)	(D)
Turkey production (11233)	64	9 459	5 648	658 182	164 654	86 105	1 828	84 277
Poultry hatcheries (11234)	6	602	(D)	232 375	72 375	(D)	(D)	(D)
Other poultry production (11239)	108	6 643	713	129 881	15 187	1 915	60	1 856
Sheep and goat farming (1124)	681	48 684	12 359	177 957	20 751	5 595	698	4 898
Sheep farming (11241)	563	43 237	10 996	189 904	18 943	4 833	621	4 211
Goat farming (11242)	118	5 447	1 363	136 463	27 029	763	76	686
Animal aquaculture (1125)	50	4 903	191	178 140	52 156	3 483	(D)	(D)
Other animal production (1129)	4 337	220 475	41 577	183 834	25 616	41 577	2 231	39 346
Apiculture (11291)	253	9 222	894	107 810	37 691	5 910	111	5 799
Horse and other equine production (11292)	3 711	169 721	29 078	187 513	24 161	16 951	668	16 284
Fur-bearing animal and rabbit production (11293)	32	1 904	291	102 643	22 458	1 488	7	1 481
All other animal production (11299)	341	39 628	11 314	211 504	32 618	17 228	1 446	15 782

[1]Data are based on a sample of farms.

USDA, National Agricultural Statistics Service

Table 19. **Selected Characteristics of Reservations and Abnormal Farms: 1997 and 1992**

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

Characteristics	1997 Reservations	1997 Abnormal farms	1992 Reservations and abnormal farms[1]
Farms ..... number..	–	13	18
Land in farms[2] ..... acres..	–	9 399	17 983
Average size of farm ..... acres..	–	723	999
Estimated market value of land and buildings[2 3] ..... $1,000..	–	21 975	17 042
Average per farm ..... dollars..	–	1 690 353	946 784
Average per acre ..... dollars..	–	2 338	948
Estimated market value of all machinery and equipment[2 3] ..... $1,000..	–	5 497	5 635
Land in farms according to use:[2]			
Total cropland ..... farms..	–	12	15
acres..	–	5 544	9 406
Harvested cropland ..... farms..	–	12	14
acres..	–	4 078	6 199
Cropland used only for pasture or grazing ..... farms..	–	5	8
acres..	–	879	1 676
Other cropland ..... farms..	–	9	11
acres..	–	587	1 531
Total woodland ..... farms..	–	8	9
acres..	–	1 949	1 208
Woodland pastured ..... farms..	–	2	1
acres..	–	(D)	(D)
Woodland not pastured ..... farms..	–	8	9
acres..	–	(D)	(D)
Pastureland and rangeland other than cropland and woodland pastured..... farms..	–	2	5
acres..	–	(D)	2 381
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	–	13	17
acres..	–	(D)	4 988
Irrigated land ..... farms..	–	7	7
acres..	–	299	472
Market value of agricultural products sold[2] . $1,000..	–	3 102	4 994
Average per farm ..... dollars..	–	238 619	277 441
Crops, including nursery and greenhouse crops..... $1,000..	–	639	639
Livestock, poultry, and their products .... $1,000..	–	2 463	4 354
Total farm production expenses[2 3] ..... $1,000..	–	7 468	6 054
Average per farm ..... dollars..	–	574 451	336 345
Government payments received[2] ..... farms..	–	2	5
$1,000..	–	(D)	32
Average per farm ..... dollars..	–	(D)	6 404
Other farm-related income[2 3] ..... farms..	–	1	2
$1,000..	–	(D)	(D)
Average per farm ..... dollars..	–	(D)	(D)
Tenure of operator:			
Full owners	–	7	12
Part owners	–	6	6
Tenants	–	–	–
Farms by North American Industry Classification System:			
Oilseed and grain farming (1111)	–	1	(NA)
Vegetable and melon farming (1112)	–	2	(NA)
Fruit and tree nut farming (1113).....	–	4	(NA)
Greenhouse, nursery, and floriculture production (1114)	–	–	(NA)
Other crop farming (1119)	–	–	(NA)
Tobacco farming (11191)	–	–	(NA)
Cotton farming (11192)	–	–	(NA)
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	–	–	(NA)
Beef cattle ranching and farming (112111).....	–	2	(NA)
Cattle feedlots (112112)	–	–	(NA)
Dairy cattle and milk production (11212)	–	3	(NA)
Hog and pig farming (1122)	–	–	(NA)
Poultry and egg production (1123)	–	–	(NA)
Sheep and goat farming (1124).....	–	1	(NA)
Animal aquaculture and other animal production (1125, 1129)	–	–	(NA)

[1]In 1992 reservations were included in abnormal farms.
[2]Data have been adjusted to exclude the agricultural activity of American Indians farming on reservations that were counted individually.
[3]Data are based on a sample of farms.

Table 20. **Poultry—Inventory and Sales: 1997 and 1992**

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

Item	1997 Farms	1997 Number	1992 Farms	1992 Number
INVENTORY				
Layers and pullets 13 weeks old and older (see text)	2 276	6 043 468	2 454	5 388 894
Layers 20 weeks old and older ...	2 205	4 928 067	2 417	4 607 549
Farms with inventory of—				
1 to 49	1 844	31 935	1 952	34 970
50 to 99	214	13 322	253	15 429
100 to 399	98	15 061	137	20 874
400 to 3,199	20	14 609	18	16 355
3,200 to 9,999.....	3	18 780	10	61 430
10,000 to 19,999	3	32 300	11	135 940
20,000 to 49,999	6	172 921	14	444 864
50,000 to 99,999	4	266 395	7	405 500
100,000 or more	13	4 362 744	15	3 472 187
Pullets 13 weeks old and older but less than 20 weeks old (see text).....	370	1 115 401	399	781 345
Pullet chicks and pullets less than 13 weeks old.....	132	820 627	109	950 052
Broilers and other meat-type chickens.....	661	89 962	692	43 701
Turkeys	451	2 105 856	452	2 413 403
For slaughter.....	323	(D)	332	2 370 416
Hens kept for breeding	185	(D)	166	42 987
Ducks, geese, and other poultry	967	(X)	864	(X)
SALES				
Layers 20 weeks old and older	258	1 269 958	363	2 603 939
Pullet chicks and pullets less than 20 weeks old.....	61	3 224 518	59	1 795 519
Broilers and other meat-type chickens.....	336	393 028	386	400 262
Farms by number sold—				
1 to 1,999.....	327	(D)	375	46 962
2,000 to 15,999.....	7	48 790	6	16 300
16,000 to 29,999	–	–	2	(D)
30,000 to 59,999	–	–	–	–
60,000 to 99,999	1	(D)	1	(D)
100,000 to 199,999	–	–	2	(D)
200,000 to 299,999	1	(D)	–	–
300,000 to 499,999	–	–	–	–
500,000 or more	–	–	–	–
500,000 to 749,999	–	–	–	–
750,000 or more	–	–	–	–
Turkeys	241	6 480 843	265	6 353 403
For slaughter.....	223	5 875 101	256	6 305 759
Hens kept for breeding	21	605 742	14	47 644
Ducks, geese, and other poultry	264	(X)	261	(X)

Table 21. **Layers, Pullets, and Pullet Chicks—Number Sold: 1997 and 1992**

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

Item	1997		1992		Item	1997		1992	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Layers 20 weeks old and older	258	1 269 958	363	2 603 939	Pullet chicks and pullets less than 20 weeks old	61	3 224 518	59	1 795 519
Farms by number sold—					Farms by number sold—				
1 to 99	203	4 396	267	7 242	1 to 1,999	46	2 849	41	2 940
100 to 399	26	4 875	26	3 684	2,000 to 15,999	1	(D)	4	34 900
400 to 3,199	6	6 743	8	12 400	16,000 to 29,999	1	(D)	2	(D)
3,200 to 9,999	3	16 418	19	130 218	30,000 to 59,999	1	(D)	1	(D)
10,000 to 19,999	5	61 231	13	168 700	60,000 to 99,999	3	237 900	5	392 000
20,000 to 49,999	7	175 219	12	388 333	100,000 or more	9	2 922 169	6	1 293 679
50,000 to 99,999	5	348 071	11	678 357					
100,000 or more	3	653 005	7	1 215 005					

Table 22. **Poultry—Inventory and Sales by Farms With Layers and Pullets 13 Weeks Old and Older: 1997**

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

Layers and pullets 13 weeks old and older inventory (see text)	Inventory									
	Layers and pullets 13 weeks old and older (see text)						Pullet chicks and pullets less than 13 weeks old		Broilers and other meat-type chickens	
	Total		Layers 20 weeks old and older		Pullets 13 weeks old and older but less than 20 weeks old					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total	**2 276**	**6 043 468**	**2 205**	**4 928 067**	**370**	**1 115 401**	**107**	**511 159**	**470**	**26 935**
Farms with inventory of—										
1 to 49	1 849	33 163	1 790	30 256	231	2 907	60	1 150	379	14 978
50 to 99	243	15 596	237	12 895	85	2 701	28	1 479	56	6 069
100 to 399	124	18 224	124	15 717	39	2 507	11	580	31	(D)
400 to 1,599	24	15 424	24	(D)	6	(D)	2	(D)	4	(D)
1,600 to 3,199	1	(D)	1	(D)	–	–	–	–	–	–
3,200 to 9,999	3	18 780	3	18 780	–	–	–	–	–	–
10,000 to 19,999	3	32 300	3	32 300	–	–	–	–	–	–
20,000 to 49,999	9	259 591	6	172 921	3	86 670	1	(D)	–	–
50,000 to 99,999	5	(D)	4	(D)	2	(D)	1	(D)	–	–
100,000 or more	15	5 265 095	13	4 362 744	4	902 351	4	421 300	–	–
No layers and pullets 13 weeks old and older as of Dec. 31, 1997	(X)	(X)	(X)	(X)	(X)	(X)	25	309 468	191	63 027

Layers and pullets 13 weeks old and older inventory (see text)	Sales									
	Layers, pullets, and pullet chicks (see text)						Broilers and other meat-type chickens		Poultry and poultry products	
	Total		Layers 20 weeks old and older		Pullet chicks and pullets less than 20 weeks old					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Value ($1,000)
Total	**256**	**3 614 541**	**224**	**(D)**	**50**	**(D)**	**174**	**53 240**	**984**	**79 195**
Farms with inventory of—										
1 to 49	133	3 912	116	3 028	21	884	111	10 271	641	224
50 to 99	41	2 006	37	1 565	11	441	30	18 224	166	(D)
100 to 399	39	4 997	37	3 784	7	1 213	28	(D)	117	353
400 to 1,599	12	7 613	12	(D)	1	(D)	5	(D)	24	238
1,600 to 3,199	–	–	–	–	–	–	–	–	1	(D)
3,200 to 9,999	3	15 418	3	15 418	–	–	–	–	3	192
10,000 to 19,999	3	30 981	3	30 981	–	–	–	–	3	452
20,000 to 49,999	9	280 069	6	128 469	3	151 600	–	–	9	2 270
50,000 to 99,999	5	436 071	4	(D)	1	(D)	–	–	5	3 280
100,000 or more	11	2 833 474	6	838 005	6	1 995 469	–	–	15	71 330
No layers and pullets 13 weeks old and older as of Dec. 31, 1997	43	879 935	34	(D)	11	(D)	162	339 788	458	89 857

Table 23. **Turkeys—Number Sold: 1997**

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

Turkeys	Total		Turkeys sold for slaughter		Sales of hens kept for breeding	
	Farms	Number	Farms	Number	Farms	Number
Total sold	**241**	**6 480 843**	**223**	**5 875 101**	**21**	**605 742**
Farms by number of turkeys sold—						
1 to 1,999	196	9 487	183	(D)	16	(D)
2,000 to 7,999	7	33 360	6	(D)	1	(D)
8,000 to 15,999	1	(D)	1	(D)	–	–
16,000 to 29,999	2	(D)	1	(D)	1	(D)
30,000 to 59,999	5	254 100	3	(D)	2	(D)
60,000 to 99,999	12	850 200	12	850 200	–	–
100,000 or more	18	5 288 296	17	(D)	1	(D)

Table 24. **Cattle and Calves—Inventory: 1997 and 1992**

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

Item	1997		1992	
	Farms	Number	Farms	Number
Cattle and calves	15 468	1 025 702	17 031	1 113 604
Farms with—				
1 to 9	3 913	18 908	4 072	20 084
10 to 19	2 929	40 574	3 057	42 116
20 to 49	3 803	119 032	4 194	130 539
50 to 99	2 148	147 825	2 591	179 938
100 to 199	1 497	204 179	1 856	252 599
200 to 499	955	278 758	1 054	302 003
500 to 999	165	105 780	164	106 127
1,000 to 2,499	49	70 127	35	47 531
2,500 to 4,999	6	22 220	6	(D)
5,000 or more	3	18 299	2	(D)
Cows and heifers that had calved	11 140	417 040	12 266	433 060
Farms with—				
1 to 9	4 067	18 351	4 158	18 659
10 to 19	2 195	29 583	2 351	31 742
20 to 49	2 467	75 448	2 941	91 882
50 to 99	1 337	90 580	1 759	118 013
100 to 199	803	104 856	837	106 880
200 to 499	229	61 172	199	51 011
500 to 999	32	21 398	18	10 878
1,000 to 2,499	8	(D)	3	3 995
2,500 or more	2	(D)	–	–
Beef cows	7 566	116 399	7 548	116 106
Farms with—				
1 to 9	3 880	17 582	3 867	17 558
10 to 19	1 902	25 352	1 935	25 659
20 to 49	1 387	39 367	1 349	38 633
50 to 99	304	19 382	300	19 074
100 to 199	79	9 846	76	8 884
200 to 499	11	3 090	18	4 348
500 to 999	3	1 780	3	1 950
1,000 to 2,499	–	–	–	–
2,500 or more	–	–	–	–
Cows and heifers that had calved—Con.				
Milk cows	3 990	300 641	5 198	316 954
Farms with—				
1 to 9	488	1 645	635	1 996
10 to 19	338	4 806	479	7 000
20 to 49	1 155	38 328	1 659	55 015
50 to 99	1 048	71 774	1 489	100 512
100 to 199	714	93 576	746	95 766
200 to 499	208	55 260	172	44 242
500 to 999	29	19 610	16	(D)
1,000 or more	10	15 642	2	(D)
Heifers and heifer calves	10 594	321 816	12 135	349 684
Farms with—				
1 to 9	5 188	21 122	5 667	23 066
10 to 19	1 833	24 067	2 097	27 672
20 to 49	1 837	55 640	2 273	69 285
50 to 99	943	63 991	1 267	84 629
100 to 199	572	74 948	629	81 100
200 to 499	180	47 087	180	47 650
500 to 999	31	19 363	19	11 332
1,000 to 2,499	9	(D)	3	4 950
2,500 or more	1	(D)	–	–
Steers, steer calves, bulls, and bull calves	12 981	286 846	14 176	330 860
Farms with—				
1 to 9	7 856	29 616	8 598	31 237
10 to 19	2 285	29 814	2 377	31 014
20 to 49	1 703	49 854	1 919	56 683
50 to 99	664	43 572	733	47 413
100 to 199	293	38 097	317	41 336
200 to 499	132	38 005	169	48 423
500 to 999	31	20 015	41	28 213
1,000 to 2,499	13	18 462	17	24 887
2,500 or more	4	19 411	5	21 654

Table 25. **Cattle and Calves—Sales: 1997 and 1992**

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

Number sold	1997			1992		
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Cattle and calves	14 293	537 681	276 971	15 780	594 685	345 457
Farms by number sold—						
1 to 9	6 127	27 638	13 515	6 416	28 977	15 071
10 to 19	3 081	41 289	18 099	3 280	44 175	21 296
20 to 49	3 080	92 631	40 570	3 691	112 553	53 932
50 to 99	1 189	79 906	37 157	1 444	96 002	48 045
100 to 199	511	66 700	34 377	582	76 952	42 098
200 to 499	205	57 115	30 967	252	72 169	44 764
500 to 999	54	36 148	22 157	65	43 488	26 527
1,000 to 2,499	34	50 201	33 444	37	52 628	40 299
2,500 to 4,999	5	15 879	9 739	10	35 141	26 855
5,000 or more	7	70 174	36 946	3	32 600	26 570
Cattle, including calves weighing 500 pounds or more	11 752	366 180	249 424	13 751	430 467	309 029
Farms by number sold—						
1 to 9	6 029	25 398	14 766	6 907	29 620	17 992
10 to 19	2 364	30 951	17 491	2 826	37 415	22 770
20 to 49	2 107	62 197	36 696	2 544	75 257	48 323
50 to 99	713	47 094	30 319	864	56 741	38 555
100 to 199	336	42 919	29 937	350	45 308	32 864
200 to 499	129	36 384	26 071	174	49 176	37 416
500 to 999	40	27 191	20 037	43	28 955	22 362
1,000 to 2,499	25	36 243	29 851	31	43 833	36 049
2,500 to 4,999	3	10 429	8 829	9	31 562	26 128
5,000 or more	6	47 374	35 427	3	32 600	26 570
Cattle fattened on grain and concentrates for slaughter	4 729	210 652	164 956	5 968	251 615	201 125
Farms by number sold—						
1 to 9	2 636	10 124	7 264	3 365	13 112	8 925
10 to 19	813	10 642	7 685	942	12 269	8 687
20 to 49	716	20 910	15 731	966	28 648	21 454
50 to 99	280	18 917	14 935	344	22 339	17 691
100 to 199	154	19 626	15 665	164	21 067	17 112
200 to 499	71	21 221	17 134	115	32 483	26 356
500 to 999	28	19 380	15 257	33	22 205	18 285
1,000 to 2,499	22	32 054	27 037	29	40 985	34 102
2,500 to 4,999	3	10 404	8 820	7	25 907	21 943
5,000 or more	6	47 374	35 427	3	32 600	26 570
Calves weighing less than 500 pounds	6 739	171 501	27 547	7 562	164 218	36 428
Farms by number sold—						
1 to 9	3 286	14 098	3 125	3 558	14 892	3 549
10 to 19	1 479	19 276	3 703	1 703	22 412	4 834
20 to 49	1 372	39 212	6 917	1 706	48 529	9 105
50 to 99	422	27 199	4 038	396	25 150	4 493
100 to 199	113	14 128	1 990	121	15 759	2 856
200 to 499	49	14 450	2 499	55	14 961	3 963
500 to 999	8	5 368	832	16	10 237	2 676
1,000 or more	10	37 770	4 443	7	12 278	4 951

Table 26. **Cattle and Calves Herd Size by Inventory and Sales: 1997**

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

Herd size	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)
Total	**15 468**	**1 025 702**	**11 140**	**417 040**	**10 594**	**321 816**	**12 981**	**286 846**	**13 797**	**486 607**	**258 191**
Farms with herd size of—											
1 to 9	3 913	18 908	1 955	(D)	1 617	(D)	2 934	(D)	2 245	12 221	(D)
10 to 19	2 929	40 574	2 115	15 569	1 989	9 347	2 612	15 658	2 928	23 296	11 002
20 to 49	3 803	119 032	2 978	48 838	2 887	29 782	3 412	40 412	3 801	58 843	27 713
50 to 99	2 148	147 825	1 781	64 160	1 781	41 667	1 840	41 998	2 148	63 009	31 025
100 to 199	1 497	204 179	1 283	89 951	1 278	66 287	1 211	47 941	1 497	80 720	38 772
200 to 499	955	278 758	856	120 767	859	101 581	772	56 410	955	108 214	51 730
500 to 999	165	105 780	134	38 634	138	37 050	147	30 096	165	54 127	34 647
1,000 to 2,499	49	70 127	32	22 983	38	21 967	44	25 177	49	52 065	33 368
2,500 to 4,999	6	22 220	5	8 200	6	7 153	6	6 867	6	15 247	9 893
5,000 or more	3	18 299	1	(D)	1	(D)	3	(D)	3	18 865	(D)
No cattle and calves herd as of Dec. 31, 1997	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	496	51 074	18 780

Table 27. **Cow Herd Size by Inventory and Sales: 1997**

[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 had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)
Total	**11 140**	**836 315**	**11 140**	**417 040**	**9 041**	**282 329**	**9 073**	**136 946**	**10 323**	**294 474**	**124 280**
Farms with cow herd size of—											
1 to 9	4 067	50 912	4 067	18 351	2 860	14 256	3 204	18 305	3 252	26 026	12 514
10 to 19	2 195	63 910	2 195	29 583	1 769	15 981	1 948	18 346	2 193	28 603	13 260
20 to 49	2 467	147 985	2 467	75 448	2 158	43 706	2 056	28 831	2 467	54 999	23 489
50 to 99	1 337	184 703	1 337	90 580	1 246	64 271	1 042	29 852	1 337	64 755	29 049
100 to 199	803	208 066	803	104 856	757	78 686	606	24 524	803	66 107	25 938
200 to 499	229	117 346	229	61 172	213	42 262	183	13 912	229	33 406	12 818
500 to 999	32	35 876	32	21 398	28	12 153	25	2 325	32	12 134	4 788
1,000 to 2,499	8	(D)	8	(D)	8	(D)	7	(D)	8	(D)	(D)
2,500 or more	2	(D)	2	(D)	2	(D)	2	(D)	2	(D)	(D)
No cow herd as of Dec. 31, 1997	4 328	189 387	(X)	(X)	1 553	39 487	3 908	149 900	3 970	243 207	152 690

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

Table 28. **Beef Cow Herd Size by Inventory and Sales: 1997**

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

Beef cow herd	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Beef cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total	**7 566**	**278 194**	**7 566**	**133 582**	**7 566**	**116 399**	**5 681**	**65 084**	**6 404**	**79 528**
Farms with beef herd size of—										
1 to 9	3 880	59 073	3 880	23 846	3 880	17 582	2 735	16 645	3 077	18 582
10 to 19	1 902	58 554	1 902	28 374	1 902	25 352	1 496	13 431	1 721	16 749
20 to 49	1 387	85 286	1 387	44 196	1 387	39 367	1 129	18 873	1 254	22 217
50 to 99	304	46 068	304	21 155	304	19 382	254	10 862	272	14 051
100 to 199	79	20 994	79	11 141	79	9 846	56	3 877	68	5 976
200 to 499	11	5 442	11	3 090	11	3 090	9	(D)	9	(D)
500 to 999	3	2 777	3	1 780	3	1 780	2	(D)	3	(D)
1,000 to 2,499	–	–	–	–	–	–	–	–	–	–
2,500 or more	–	–	–	–	–	–	–	–	–	–
No beef cow herd as of Dec. 31, 1997	7 902	747 508	3 574	283 458	(X)	(X)	4 913	256 732	6 577	207 318

Beef cow herd	Cattle and calves sales											
	Total			Cattle						Calves		
				Total			Fattened on grain and concentrates					
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total	**6 817**	**131 117**	**65 274**	**5 509**	**90 456**	**55 900**	**2 120**	**40 481**	**30 060**	**3 134**	**40 661**	**9 374**
Farms with beef herd size of—												
1 to 9	3 132	26 202	12 556	2 530	17 818	10 792	959	6 262	4 650	1 293	8 384	1 764
10 to 19	1 901	25 472	11 860	1 494	16 577	9 740	548	6 017	4 309	941	8 895	2 120
20 to 49	1 387	36 328	17 047	1 143	23 841	14 084	482	9 128	6 602	714	12 487	2 963
50 to 99	304	24 750	14 547	259	19 942	13 175	94	11 821	9 041	145	4 808	1 372
100 to 199	79	14 741	6 914	69	8 902	5 823	32	5 444	4 009	37	5 839	1 090
200 to 499	11	(D)	(D)	11	(D)	(D)	3	(D)	(D)	4	248	64
500 to 999	3	(D)	(D)	3	(D)	(D)	2	(D)	(D)	–	–	–
1,000 to 2,499	–	–	–	–	–	–	–	–	–	–	–	–
2,500 or more	–	–	–	–	–	–	–	–	–	–	–	–
No beef cow herd as of Dec. 31, 1997	7 476	406 564	211 697	6 243	275 724	193 524	2 609	170 171	134 896	3 605	130 840	18 174

Table 29. **Milk Cow Herd Size by Inventory and Sales: 1997**

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

Milk cow herd	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Milk cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total	**3 990**	**603 912**	**3 990**	**307 763**	**3 990**	**300 641**	**3 719**	**230 434**	**3 026**	**65 715**
Farms with milk cow herd size of—										
1 to 9	488	9 039	488	3 011	488	1 645	376	3 370	381	2 658
10 to 19	338	11 899	338	5 343	338	4 806	307	4 269	270	2 287
20 to 49	1 155	78 413	1 155	39 828	1 155	38 328	1 109	29 003	866	9 582
50 to 99	1 048	147 010	1 048	73 800	1 048	71 774	1 006	55 635	784	17 575
100 to 199	714	189 858	714	94 882	714	93 576	689	75 163	529	19 813
200 to 499	208	107 077	208	55 629	208	55 260	196	40 243	165	11 205
500 to 999	29	33 099	29	19 618	29	19 610	26	11 737	22	1 744
1,000 or more	10	27 517	10	15 652	10	15 642	10	11 014	9	851
No milk cow herd as of Dec. 31, 1997	11 478	421 790	7 150	109 277	(X)	(X)	6 875	91 382	9 955	221 131

Milk cow herd	Cattle and calves sales							Dairy product sales	
	Total			Cattle		Calves			
	Farms	Number	Value ($1,000)	Farms	Number	Farms	Number	Farms	Value ($1,000)
Total	**3 898**	**177 166**	**65 205**	**3 076**	**92 660**	**2 816**	**84 506**	**3 614**	**642 288**
Farms with milk cow herd size of—									
1 to 9	397	5 131	2 230	297	2 803	190	2 328	112	741
10 to 19	337	4 946	2 027	265	2 587	248	2 359	338	6 431
20 to 49	1 155	23 074	8 421	869	11 653	867	11 421	1 155	66 142
50 to 99	1 048	42 586	15 806	843	22 246	790	20 340	1 048	143 633
100 to 199	714	53 026	20 126	588	28 722	536	24 304	714	208 271
200 to 499	208	29 338	10 572	180	15 566	154	13 772	208	128 989
500 to 999	29	10 621	3 598	26	5 343	23	5 278	29	48 844
1,000 or more	10	8 444	2 426	8	3 740	8	4 704	10	39 238
No milk cow herd as of Dec. 31, 1997	10 395	360 515	211 765	8 676	273 520	3 923	86 995	82	3 425

Table 30. **Cattle and Calves—Number Sold Per Farm by Sales: 1997**

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

Number sold	Cattle and calves			Cattle						Calves weighing less than 500 pounds		
				Total			Fattened on grain and concentrates					
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total	**14 293**	**537 681**	**276 971**	**11 752**	**366 180**	**249 424**	**4 729**	**210 652**	**164 956**	**6 739**	**171 501**	**27 547**
Farms by number of cattle and calves sold—												
1 to 9	6 127	27 638	13 515	4 906	19 284	11 652	2 037	7 588	5 473	2 183	8 354	1 863
10 to 19	3 081	41 289	18 099	2 480	25 882	14 903	935	8 987	6 443	1 649	15 407	3 195
20 to 49	3 080	92 631	40 570	2 572	57 842	34 258	965	19 894	14 854	1 795	34 789	6 311
50 to 99	1 189	79 906	37 157	1 043	51 188	32 440	425	20 150	15 715	711	28 718	4 717
100 to 199	511	66 700	34 377	475	46 808	31 538	214	21 685	17 221	264	19 892	2 840
200 to 499	205	57 115	30 967	187	40 195	28 268	88	21 719	17 706	103	16 920	2 699
500 to 999	54	36 148	22 157	50	28 622	21 106	32	19 637	15 664	20	7 526	1 051
1,000 to 2,499	34	50 201	33 444	30	38 556	31 004	24	33 214	27 634	11	11 645	2 441
2,500 or more	12	86 053	46 685	9	57 803	44 255	9	57 778	44 246	3	28 250	2 429

Table 31. **Hogs and Pigs—Inventory: 1997 and 1992**

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

Hogs and pigs	1997		1992	
	Farms	Number	Farms	Number
Total hogs and pigs	2 853	1 032 014	4 774	1 231 641
Farms with—				
1 to 24	1 424	10 267	1 980	16 120
25 to 49	248	8 826	589	20 250
50 to 99	274	18 184	525	35 554
100 to 199	226	30 163	511	68 927
200 to 499	265	82 372	587	177 358
500 to 999	169	114 196	300	206 394
1,000 to 1,999	123	165 792	161	217 611
2,000 to 4,999	91	284 435	99	278 496
5,000 or more	33	317 779	22	210 931
Hogs and pigs used or to be used for breeding	1 524	129 404	2 918	177 170
Farms with—				
1 to 24	968	7 362	1 775	14 935
25 to 49	183	6 202	429	14 408
50 to 99	136	9 225	329	21 975
100 to 199	101	13 280	203	26 261
200 to 499	79	22 432	122	35 967
500 or more	57	70 903	60	63 624
Other hogs and pigs	2 673	902 610	4 502	1 054 471
Farms with—				
1 to 24	1 343	9 336	1 945	15 680
25 to 49	244	8 703	524	18 374
50 to 99	252	17 092	503	34 259
100 to 199	195	26 267	471	65 043
200 to 499	263	83 479	542	166 392
500 to 999	158	109 775	271	185 436
1,000 or more	218	647 958	246	569 287

Table 32. **Hogs and Pigs—Sales: 1997 and 1992**

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

Hogs and pigs	1997			1992		
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total hogs and pigs sold	2 690	2 206 940	228 488	4 770	2 300 151	213 440
Farms with—						
1 to 24	1 045	8 594	1 083	1 572	14 564	1 536
25 to 49	282	10 205	1 122	559	20 032	1 861
50 to 99	242	16 744	1 726	545	37 891	3 447
100 to 199	239	32 828	3 531	496	69 288	6 092
200 to 499	302	92 632	9 780	644	200 175	17 442
500 to 999	188	138 065	15 043	395	270 256	24 243
1,000 to 1,999	150	203 686	22 782	307	418 347	37 970
2,000 to 4,999	145	429 305	48 419	175	517 013	49 467
5,000 or more	97	1 274 881	125 002	77	752 585	71 382
5,000 to 7,499	42	254 414	29 872	40	234 980	22 098
7,500 or more	55	1 020 467	95 129	37	517 605	49 284
Feeder pigs sold	481	358 029	13 272	1 075	348 541	12 718
Farms with—						
1 to 9	74	378	15	125	630	22
10 to 24	96	1 575	65	164	2 666	86
25 to 49	69	2 468	90	149	5 226	171
50 to 99	64	4 265	160	155	10 448	331
100 to 199	53	6 853	306	134	18 289	580
200 to 499	56	16 836	678	184	57 921	2 000
500 to 999	28	19 502	875	87	59 346	2 082
1,000 or more	41	306 152	11 082	77	194 015	7 445
1,000 to 1,999	15	22 374	1 077	48	64 236	2 241
2,000 or more	26	283 778	10 006	29	129 779	5 203
Hogs and pigs other than feeder pigs sold	2 585	1 848 911	215 215	4 565	1 951 610	200 722
Farms with—						
1 to 24	1 107	8 763	1 200	1 782	15 883	1 849
25 to 49	267	9 583	1 212	522	18 557	2 038
50 to 99	212	14 643	1 730	499	34 135	3 631
100 to 199	214	29 096	3 468	436	60 423	6 149
200 to 499	259	79 299	9 374	526	162 916	16 893
500 to 999	176	131 105	15 547	318	216 933	22 441
1,000 to 1,999	135	183 890	22 091	258	352 582	35 835
2,000 to 4,999	132	395 548	46 338	161	467 718	47 575
5,000 or more	83	996 984	114 255	63	622 463	64 310
5,000 to 7,499	37	224 688	28 251	32	186 834	18 912
7,500 or more	46	772 296	86 003	31	435 629	45 397

Table 33. **Hogs and Pigs—Litters Farrowed: 1997 and 1992**

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

Litters	1997		1992	
	Farms	Number of litters	Farms	Number of litters
Litters farrowed between Dec. 1 of preceding year and Nov. 30	1 604	194 794	3 101	260 680
Farms with—				
1 to 9	653	2 325	1 150	4 394
10 to 19	227	3 090	451	6 060
20 to 49	273	8 326	585	17 723
50 to 99	142	10 031	357	24 824
100 to 199	112	15 022	260	36 262
200 to 499	114	33 514	207	61 598
500 to 999	46	32 006	60	43 455
1,000 or more	37	90 480	31	66 364
Dec. 1 of preceding year and May 31	1 476	97 977	2 779	133 610
June 1 and Nov. 30	1 346	96 817	2 678	127 070

Table 34. **Hogs and Pigs Herd Size by Inventory and Sales: 1997**

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

Herd size	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total inventory	2 853	1 032 014	1 524	129 404	2 673	902 610	2 397	2 171 269	224 651	470	356 169	13 187
Farms with—												
1 to 24	1 424	10 267	514	2 209	1 270	8 058	970	20 172	2 165	145	4 398	168
25 to 49	248	8 826	175	1 809	240	7 017	248	18 530	1 961	57	3 060	123
50 to 99	274	18 184	203	3 298	264	14 886	272	42 449	3 977	83	12 603	546
100 to 199	226	30 163	173	4 813	221	25 350	226	58 382	6 150	62	10 600	439
200 to 499	265	82 372	168	8 628	265	73 744	265	157 493	16 637	40	20 609	908
500 to 999	169	114 196	116	12 007	168	102 189	169	214 318	23 792	33	22 230	1 075
1,000 to 1,999	123	165 792	84	18 002	122	147 790	123	325 705	36 431	25	34 951	1 470
2,000 to 4,999	91	284 435	63	34 975	90	249 460	91	651 601	65 486	15	122 699	3 368
5,000 or more	33	317 779	28	43 663	33	274 116	33	682 619	68 051	10	125 019	5 090
No hogs or pigs on Dec. 31, 1997	(X)	(X)	(X)	(X)	(X)	(X)	293	35 671	3 837	11	1 860	86

Table 35. **Hogs and Pigs—Inventory and Sales by Number Sold Per Farm: 1997**

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

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total sold	**2 397**	**1 030 483**	**1 449**	**129 154**	**2 252**	**901 329**	**2 690**	**2 206 940**	**228 488**	**481**	**358 029**	**13 272**
Farms with sales of—												
1 to 9	513	4 146	158	537	485	3 609	671	2 848	424	31	142	5
10 to 24	320	6 104	169	912	295	5 192	374	5 746	659	63	703	28
25 to 49	261	8 474	184	1 202	234	7 272	282	10 205	1 122	66	1 754	64
50 to 99	226	12 208	159	1 854	204	10 354	242	16 744	1 726	68	3 039	110
100 to 199	229	21 052	186	3 232	207	17 820	239	32 828	3 531	59	4 811	195
200 to 499	292	60 838	213	6 661	282	54 177	302	92 632	9 780	74	14 501	571
500 to 999	174	74 927	126	8 511	169	66 416	188	138 065	15 043	39	15 857	666
1,000 or more	382	842 734	254	106 245	376	736 489	392	1 907 872	196 202	81	317 222	11 634
1,000 to 1,999	143	103 914	96	13 264	139	90 650	150	203 686	22 782	30	22 624	1 059
2,000 to 4,999	142	225 900	90	24 455	141	201 445	145	429 305	48 419	27	30 259	1 510
5,000 to 7,499	42	136 421	31	14 065	42	122 356	42	254 414	29 872	7	23 101	909
7,500 or more	55	376 499	37	54 461	54	322 038	55	1 020 467	95 129	17	241 238	8 156
None sold	456	1 531	75	250	421	1 281	(X)	(X)	(X)	(X)	(X)	(X)

Table 36. **Hogs and Pigs—Inventory, Sales, and Litters by Total Litters Farrowed: 1997**

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

Litters farrowed	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total litters farrowed	1 578	785 621	1 522	(D)	1 400	(D)	1 529	1 526 657	156 855	481	358 029	13 272
Farms with—												
1 to 9	641	12 261	605	(D)	520	(D)	578	18 052	1 873	163	3 363	121
10 to 19	224	13 649	217	2 623	196	11 026	227	22 880	2 315	90	5 059	213
20 to 49	269	39 742	261	7 570	251	32 172	273	68 342	6 911	87	13 100	520
50 to 99	137	47 897	135	6 868	134	41 029	142	80 385	8 328	46	13 906	535
100 to 199	112	71 130	111	9 433	106	61 697	112	128 141	14 188	34	17 979	797
200 to 499	112	154 054	111	22 139	111	131 915	114	264 619	28 641	36	38 233	1 924
500 to 999	46	137 522	45	20 098	46	117 424	46	248 747	28 247	11	33 062	1 337
1,000 or more	37	309 366	37	58 009	36	251 357	37	695 491	66 351	14	233 327	7 824
No litters farrowed	1 275	246 393	2	(D)	1 273	(D)	1 161	680 283	71 632	–	–	–

Litters farrowed	Litters farrowed between Dec. 1, 1996, and Nov. 30, 1997					
	Total		Dec. 1, 1996, and May 31, 1997		June 1, 1997, and Nov. 30, 1997	
	Farms	Litters	Farms	Litters	Farms	Litters
Total litters farrowed	1 604	194 794	1 476	97 977	1 346	96 817
Farms with—						
1 to 9	653	2 325	551	1 294	443	1 031
10 to 19	227	3 090	220	1 636	213	1 454
20 to 49	273	8 326	263	4 177	256	4 149
50 to 99	142	10 031	137	5 177	137	4 854
100 to 199	112	15 022	110	7 845	107	7 177
200 to 499	114	33 514	113	17 610	108	15 904
500 to 999	46	32 006	46	15 484	46	16 522
1,000 or more	37	90 480	36	44 754	36	45 726

Table 37. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**

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

Item	1997		1992	
	Farms	Number	Farms	Number
Sheep and lambs inventory	1 628	72 107	1 831	97 433
Farms with—				
1 to 24	977	8 899	991	9 364
25 to 99	515	24 758	617	29 923
100 to 299	101	16 333	169	25 553
300 to 999	31	16 012	50	24 993
1,000 to 2,499	4	6 105	4	7 600
2,500 to 4,999	–	–	–	–
5,000 or more	–	–	–	–
Ewes 1 year old or older	1 379	36 241	1 623	53 534
Sheep and lambs shorn	1 257	61 122	1 549	85 888
Pounds of wool	(X)	431 678	(X)	607 997
Sheep and lambs sold	1 436	77 146	1 694	88 882
Value of sales from sheep, lambs, and wool ($1,000)	1 543	5 911	1 798	5 400

Table 38. **Sheep and Lambs—Inventory, Shorn, and Sales by Size of Flock: 1997**

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

Sheep and lambs inventory	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value ($1,000)
Total	**1 628**	**72 107**	**1 379**	**36 241**	**1 213**	**60 572**	**426 900**	**1 316**	**75 717**	**1 423**	**5 806**
Farms with inventory of—											
1 to 24	977	8 899	772	5 565	606	6 963	51 454	665	17 910	772	673
25 to 99	515	24 758	487	15 734	485	20 709	148 645	515	18 776	515	1 479
100 to 299	101	16 333	91	8 384	92	13 060	91 772	101	12 446	101	1 066
300 to 999	31	16 012	26	5 762	27	12 010	84 539	31	18 332	31	1 552
1,000 to 2,499	4	6 105	3	796	3	7 830	50 490	4	8 253	4	1 035
2,500 to 4,999	–	–	–	–	–	–	–	–	–	–	–
5,000 or more	–	–	–	–	–	–	–	–	–	–	–
No sheep and lambs as of Dec. 31, 1997	(X)	(X)	(X)	(X)	44	550	4 778	120	1 429	120	105

Table 39. **Ewes 1 Year Old or Older—Inventory, Shorn, and Sales by Size of Ewe Flock: 1997**

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

Ewes 1 year old or older inventory	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value ($1,000)
Total	**1 379**	**64 372**	**1 379**	**36 241**	**1 174**	**59 885**	**422 911**	**1 183**	**57 648**	**1 273**	**5 063**
Farms with inventory of—											
1 to 24	964	15 272	964	8 994	759	12 020	87 738	768	11 209	858	870
25 to 99	353	28 260	353	16 108	353	24 434	170 867	353	21 255	353	1 851
100 to 199	46	10 136	46	5 795	46	(D)	(D)	46	(D)	46	(D)
200 to 499	14	(D)	14	(D)	14	12 638	85 087	14	16 018	14	1 622
500 to 999	2	(D)	2	(D)	2	(D)	(D)	2	(D)	2	(D)
1,000 to 2,499	–	–	–	–	–	–	–	–	–	–	–
2,500 to 4,999	–	–	–	–	–	–	–	–	–	–	–
5,000 or more	–	–	–	–	–	–	–	–	–	–	–
No ewes 1 year old or older as of Dec. 31, 1997	249	7 735	(X)	(X)	83	1 237	8 767	253	19 498	270	848

Table 40. **Other Livestock and Livestock Products—Inventory and Sales: 1997 and 1992**

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

Item	Inventory		Sales	
	1997	1992	1997	1992
Horses and ponies ... farms	9 090	7 846	2 482	2 370
number	66 201	53 991	9 646	8 086
$1,000	(X)	(X)	17 377	11 699
Mules, burros, and donkeys ... farms	482	335	65	57
number	1 302	860	171	145
$1,000	(X)	(X)	85	41
Colonies of bees ... farms	658	882	35	45
number	72 551	84 253	17 904	4 744
Honey sold ... farms	(X)	(X)	381	489
pounds	(X)	(X)	5 217 962	5 741 094
Bees and honey sold ... farms	(X)	(X)	394	499
$1,000	(X)	(X)	6 034	3 763
Goats ... farms	1 245	1 170	371	402
number	10 603	14 607	4 168	6 467
Angora goats ... farms	132	206	37	89
number	1 925	7 018	490	3 235
Mohair sold ... farms	(X)	(X)	87	180
pounds	(X)	(X)	14 937	72 137
Angora goats and mohair sold ... farms	(X)	(X)	91	188
$1,000	(X)	(X)	42	209
Milk goats ... farms	404	404	120	132
number	3 959	4 184	1 914	1 678
Goats milk sold ... farms	(X)	(X)	48	53
gallons	(X)	(X)	193 251	204 357
Milk goats and goats milk sold ... farms	(X)	(X)	135	153
$1,000	(X)	(X)	648	645
Other goats ... farms	915	769	259	230
number	4 719	3 405	1 764	1 554
$1,000	(X)	(X)	83	62
Mink and their pelts ... farms	14	30	12	34
number	44 248	53 611	50 653	94 483
$1,000	(X)	(X)	1 377	1 679
Rabbits and their pelts ... farms	640	708	180	252
number	10 316	15 552	10 896	39 572
$1,000	(X)	(X)	122	257
Fish and other aquaculture products sold ... farms	(X)	(X)	79	67
$1,000	(X)	(X)	3 467	1 819
Other livestock and livestock products ... farms	392	148	215	177
$1,000	(X)	(X)	12 733	19 298

Table 41. **Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1997**

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

Crop	Entire crop irrigated			Part of crop irrigated				None of crop irrigated		
	Farms	Acres	Average yield per acre	Farms	Acres irrigated	Acres not irrigated	Average yield per acre	Farms	Acres	Average yield per acre
Corn for grain or seed (bushels)	201	42 620	137.9	579	121 616	160 307	120.8	15 932	1 797 740	110.4
Corn for silage or green chop (tons, green)	36	2 340	16.1	58	3 825	11 460	15.4	4 723	262 161	14.2
Sorghum for grain or seed (bushels)	2	(D)	(D)	–	–	–	–	12	(D)	(D)
Wheat for grain (bushels)	42	4 702	50.6	23	3 035	2 882	50.5	8 911	489 123	57.0
Oats for grain (bushels)	13	439	68.3	5	288	110	66.6	3 689	76 751	59.5
Barley for grain (bushels)	4	(D)	(D)	1	(D)	(D)	(D)	614	18 735	54.5
Rice (cwt)	–	–	–	–	–	–	–	–	–	–
Soybeans for beans (bushels)	128	17 581	43.8	256	29 937	56 091	41.5	12 177	1 591 263	36.4
Peanuts for nuts (pounds)	–	–	–	–	–	–	–	–	–	–
Dry edible beans, excluding dry limas (cwt)	38	4 612	16.1	48	6 778	8 595	15.0	2 086	282 782	16.2
Cotton (bales)	–	–	–	–	–	–	–	–	–	–
Tobacco (pounds)	–	–	–	–	–	–	–	3	(D)	(D)
Potatoes, excluding sweetpotatoes (cwt)	132	23 486	332.2	43	10 033	4 759	288.3	153	6 654	235.5
Sugar beets for sugar (tons)	17	736	20.6	22	1 709	2 343	19.2	1 143	158 448	18.7
Sugarcane for sugar (tons)	–	–	–	–	–	–	–	–	–	–
Alfalfa hay (tons, dry)	103	2 979	2.5	101	4 321	8 855	3.1	16 904	772 001	2.5
Tame hay other than alfalfa, small grain, and wild hay (tons, dry) (see text)	20	435	1.5	4	41	107	3.1	4 203	173 792	1.6
Wild hay (tons, dry)	1	(D)	(D)	–	–	–	–	1 408	(D)	(D)
Vegetables harvested for sale (see text)	596	40 107	(X)	237	19 140	14 908	(X)	1 665	54 194	(X)
Land in orchards	206	5 399	(X)	156	6 532	20 299	(X)	2 501	107 378	(X)

Table 42. **Specified Crops by Acres Harvested: 1997 and 1992**

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

Crop	1997					1992				
				Irrigated land					Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for grain or seed (bushels)	16 712	2 122 283	238 319 129	780	164 236	18 962	2 221 271	226 824 263	838	165 182
1 to 14 acres	2 833	23 254	1 972 806	47	277	3 332	26 959	2 157 165	41	293
15 to 24 acres	2 082	39 433	3 591 090	17	290	2 504	47 316	4 046 744	24	369
25 to 49 acres	3 124	109 400	10 643 891	40	1 136	3 664	127 408	11 821 692	42	1 365
50 to 99 acres	3 036	208 268	21 343 380	83	4 346	3 425	236 196	22 664 849	95	5 192
100 to 249 acres	3 298	502 699	55 067 483	189	17 492	3 631	555 486	55 921 528	227	22 722
250 to 499 acres	1 485	503 997	58 145 124	175	34 948	1 583	531 464	55 511 795	210	42 330
500 to 999 acres	643	424 269	49 996 020	150	48 162	630	403 361	43 674 057	148	50 046
1,000 acres or more	211	310 963	37 559 335	79	57 585	193	293 081	31 026 433	51	42 865
1,000 to 1,999 acres	178	223 060	26 807 236	66	42 030	157	199 067	21 180 369	33	21 975
2,000 to 2,999 acres	26	59 512	7 137 627	10	10 035	30	70 004	7 512 477	15	15 150
3,000 to 4,999 acres	7	28 391	3 614 472	3	5 520	5	(D)	(D)	2	(D)
5,000 acres or more	–	–	–	–	–	1	(D)	(D)	1	(D)
Corn for silage or green chop (tons, green)	4 817	279 786	4 001 045	94	6 165	6 031	304 478	3 704 783	97	5 060
1 to 14 acres	1 232	9 613	115 335	6	31	1 670	13 308	151 849	3	(D)
15 to 24 acres	780	14 429	186 319	7	120	1 031	19 212	238 214	11	192
25 to 49 acres	1 070	36 552	477 069	12	319	1 394	47 412	566 835	21	482
50 to 99 acres	925	61 416	844 853	17	666	1 085	71 022	846 676	14	814
100 to 249 acres	665	91 415	1 347 348	39	3 125	710	96 797	1 178 423	38	2 610
250 to 499 acres	106	33 314	514 925	9	1 022	112	35 478	405 545	8	740
500 to 999 acres	31	19 701	298 604	1	(D)	25	16 549	237 761	1	(D)
1,000 acres or more	8	13 346	216 592	3	(D)	4	4 700	79 480	1	(D)
Wheat for grain (bushels)	8 976	499 742	28 432 159	65	7 737	12 433	583 245	29 350 586	81	5 182
1 to 14 acres	1 955	(D)	(D)	6	41	3 098	28 233	1 194 253	13	(D)
15 to 24 acres	1 826	34 383	1 757 007	5	100	2 739	51 593	2 375 971	15	288
25 to 49 acres	2 229	76 545	4 192 688	12	338	3 050	105 073	5 157 069	14	444
50 to 99 acres	1 592	106 117	6 112 242	12	633	2 108	140 264	7 152 396	14	842
100 to 249 acres	1 107	157 109	9 182 410	16	1 933	1 190	167 532	8 767 890	17	1 976
250 to 499 acres	217	70 564	4 256 926	11	2 655	214	69 041	3 692 526	6	848
500 to 999 acres	41	25 910	1 511 731	2	(D)	33	(D)	(D)	2	(D)
1,000 acres or more	9	(D)	(D)	1	(D)	1	(D)	(D)	–	–
1,000 to 1,999 acres	9	(D)	(D)	1	(D)	1	(D)	(D)	–	–
2,000 to 2,999 acres	–	–	–	–	–	–	–	–	–	–
3,000 to 4,999 acres	–	–	–	–	–	–	–	–	–	–
5,000 acres or more	–	–	–	–	–	–	–	–	–	–
Barley for grain (bushels)	619	18 893	1 032 383	5	148	704	20 936	1 094 111	1	(D)
Oats for grain (bushels)	3 707	77 588	4 624 435	18	727	5 436	113 359	6 650 151	23	574
1 to 14 acres	1 948	15 755	887 899	4	(D)	2 795	22 309	1 205 202	7	39
15 to 24 acres	868	15 890	951 292	5	83	1 325	24 697	1 413 769	7	123
25 to 49 acres	594	19 445	1 170 941	5	125	881	29 068	1 755 264	4	90
50 to 99 acres	223	14 096	894 420	1	(D)	327	21 088	1 294 322	2	(D)
100 to 249 acres	66	8 640	559 717	3	395	100	13 007	799 594	3	(D)
250 to 499 acres	6	(D)	(D)	–	–	6	(D)	(D)	–	–
500 to 999 acres	–	–	–	–	–	2	(D)	(D)	–	–
1,000 acres or more	2	(D)	(D)	–	–	–	–	–	–	–
Rye for grain (bushels)	595	13 469	399 027	10	384	850	16 786	449 666	12	667
Soybeans for beans (bushels)	12 561	1 694 872	62 242 411	384	47 518	13 175	1 332 114	41 633 625	333	26 831
1 to 14 acres	1 172	10 384	330 666	10	61	1 491	13 980	392 936	17	134
15 to 24 acres	1 418	27 042	897 535	11	214	1 718	32 671	919 093	29	517
25 to 49 acres	2 685	94 876	3 198 965	39	1 248	3 134	110 117	3 183 646	60	1 663
50 to 99 acres	2 668	185 511	6 454 215	51	2 875	2 932	200 778	6 057 708	61	2 978
100 to 249 acres	2 728	416 798	14 965 674	116	10 290	2 626	397 383	12 372 614	92	7 652
250 to 499 acres	1 213	410 162	15 453 487	99	15 754	921	309 365	10 112 850	51	7 383
500 to 999 acres	535	346 222	13 064 925	48	11 535	302	195 176	6 394 621	20	3 989
1,000 acres or more	142	203 877	7 876 944	10	5 541	51	72 644	2 200 157	3	2 515
1,000 to 1,999 acres	122	150 986	5 842 388	8	(D)	46	56 619	1 745 007	3	2 515
2,000 to 2,999 acres	17	39 401	1 580 606	2	(D)	1	(D)	(D)	–	–
3,000 to 4,999 acres	2	(D)	(D)	–	–	4	(D)	(D)	–	–
5,000 acres or more	1	(D)	(D)	–	–	–	–	–	–	–
Dry edible beans, excluding dry limas (cwt)	2 172	302 767	4 878 076	86	11 390	3 176	322 334	4 229 224	130	14 076
1 to 14 acres	163	1 350	18 935	8	32	341	2 921	36 041	11	88
15 to 24 acres	215	4 095	62 563	4	84	364	6 934	84 570	5	92
25 to 49 acres	401	14 264	214 659	9	285	665	23 513	301 130	22	719
50 to 99 acres	458	32 357	544 147	10	641	729	49 954	635 371	21	1 319
100 to 249 acres	569	89 055	1 400 425	24	2 597	759	114 056	1 439 329	40	4 653
250 to 499 acres	266	88 079	1 415 640	22	4 479	262	86 857	1 161 765	24	4 718
500 to 999 acres	83	53 694	872 019	7	(D)	53	32 949	503 488	7	2 487
1,000 acres or more	17	19 873	349 688	2	(D)	3	5 150	67 530	–	–
Potatoes, excluding sweetpotatoes (cwt)	328	44 931	13 632 901	175	33 519	492	47 061	13 186 117	217	30 752
0.1 to 0.9 acres	58	19	3 310	14	4	85	28	3 889	16	5
1.0 to 4.9 acres	67	134	23 660	26	56	110	219	35 874	24	40
5.0 to 14.9 acres	31	224	35 968	11	78	41	327	56 506	14	111
15.0 to 24.9 acres	12	217	38 730	5	88	26	484	83 066	7	116
25.0 to 49.9 acres	19	669	148 244	13	402	34	1 117	218 921	14	387
50.0 to 99.9 acres	43	3 159	737 125	26	1 635	60	4 111	898 976	36	2 130
100.0 to 249.9 acres	49	6 993	1 939 893	40	5 033	83	12 765	3 105 623	60	7 574
250.0 to 499.9 acres	27	8 890	2 536 705	20	5 574	32	11 021	3 110 459	27	7 219
500.0 acres or more	22	24 628	8 169 266	20	20 649	21	16 988	5 672 803	19	13 169
500.0 to 749.9 acres	8	4 558	1 302 824	7	2 413	11	6 134	1 884 258	10	4 654
750.0 to 999.9 acres	5	4 430	1 488 077	4	3 297	4	3 440	1 284 375	4	3 280
1,000.0 acres or more	9	15 640	5 378 365	9	14 939	6	7 414	2 504 170	5	5 235
Sugar beets for sugar (tons)	1 182	163 236	3 055 112	39	2 445	1 518	174 917	3 026 450	38	2 092
1 to 14 acres	76	516	9 589	3	(D)	108	(D)	(D)	3	32
15 to 24 acres	106	1 978	36 787	4	70	162	3 062	54 547	5	81
25 to 49 acres	176	6 310	115 282	7	197	298	10 678	179 964	4	126
50 to 99 acres	287	20 338	377 968	9	432	370	25 897	452 355	8	347
100 to 249 acres	350	52 135	974 389	9	746	395	60 341	1 039 986	7	429
250 to 499 acres	137	45 097	843 885	6	912	148	48 794	850 355	10	(D)
500 to 999 acres	45	30 469	574 647	1	(D)	33	20 415	354 007	1	(D)
1,000 acres or more	5	6 393	122 565	–	–	4	(D)	(D)	–	–

Table 42. **Specified Crops by Acres Harvested: 1997 and 1992**—Con.

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

Crop	1997					1992				
				Irrigated land					Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (tons, dry)	20 858	1 264 350	2 830 915	258	11 154	22 285	1 283 598	2 821 347	236	10 522
1 to 14 acres	5 587	45 723	95 747	70	(D)	6 216	51 443	109 288	51	(D)
15 to 24 acres	3 538	66 048	133 743	35	555	3 798	70 476	145 316	29	466
25 to 49 acres	4 508	154 368	328 308	35	748	4 820	165 079	349 665	31	689
50 to 99 acres	3 534	236 106	521 800	31	1 071	3 636	245 032	547 194	35	1 358
100 to 249 acres	2 799	413 604	958 999	45	2 960	2 965	434 018	1 026 415	54	3 674
250 to 499 acres	719	234 751	545 841	31	3 698	721	232 816	492 019	27	3 001
500 to 999 acres	159	96 569	206 899	10	1 622	118	71 690	125 399	7	659
1,000 acres or more	14	17 181	39 578	1	(D)	11	13 044	26 051	2	(D)
1,000 to 1,999 acres	14	17 181	39 578	1	(D)	11	13 044	26 051	2	(D)
2,000 to 2,999 acres	–	–	–	–	–	–	–	–	–	–
3,000 to 4,999 acres	–	–	–	–	–	–	–	–	–	–
5,000 acres or more	–	–	–	–	–	–	–	–	–	–
Alfalfa hay (tons, dry)	17 108	788 156	1 985 404	204	7 300	19 379	888 691	2 186 202	179	6 763
1 to 14 acres	5 049	41 114	92 556	66	(D)	5 905	48 654	109 492	48	(D)
15 to 24 acres	3 157	58 911	132 014	31	433	3 501	64 995	143 430	27	425
25 to 49 acres	3 920	133 204	313 398	26	646	4 333	147 993	345 279	30	720
50 to 99 acres	2 857	188 425	468 714	32	1 176	3 120	205 022	500 433	29	1 145
100 to 249 acres	1 821	256 762	685 937	33	2 246	2 161	298 593	783 357	33	2 325
250 to 499 acres	263	82 684	221 035	12	1 791	322	99 577	249 968	10	1 495
500 to 999 acres	38	23 594	59 240	3	505	33	19 497	43 523	–	–
1,000 acres or more	3	3 462	12 510	1	(D)	4	4 360	10 720	2	(D)
1,000 to 1,999 acres	3	3 462	12 510	1	(D)	4	4 360	10 720	2	(D)
2,000 to 2,999 acres	–	–	–	–	–	–	–	–	–	–
3,000 to 4,999 acres	–	–	–	–	–	–	–	–	–	–
5,000 acres or more	–	–	–	–	–	–	–	–	–	–
Small grain hay (tons, dry)	1 073	22 850	38 038	13	(D)	1 063	23 264	40 326	8	(D)
Tame hay other than alfalfa, small grain, and wild hay (see text) (tons, dry)	4 227	174 375	282 437	24	476	3 314	131 112	180 580	14	340
Wild hay (tons, dry)	1 409	38 831	44 821	1	(D)	899	22 257	23 428	2	(D)
Grass silage, haylage, and green chop hay (tons, green)	2 705	240 138	1 440 595	42	3 133	2 667	218 274	1 172 346	52	3 108
Field seed and grass seed crops	86	(D)	(X)	–	–	144	5 234	(X)	1	(D)
Red clover seed (pounds)	55	1 832	258 578	–	–	80	1 306	201 067	1	(D)
Vegetables harvested for sale (see text)	2 498	128 349	(X)	833	59 247	3 007	138 851	(X)	873	60 624
0.1 to 0.9 acres	191	87	(X)	59	25	190	(D)	(X)	57	(D)
1.0 to 4.9 acres	716	1 761	(X)	185	428	802	1 986	(X)	171	354
5.0 to 14.9 acres	543	4 482	(X)	145	986	706	6 028	(X)	134	938
15.0 to 24.9 acres	229	4 250	(X)	65	972	294	5 519	(X)	77	1 154
25.0 to 49.9 acres	253	8 733	(X)	88	2 374	354	12 458	(X)	116	3 519
50.0 to 99.9 acres	237	16 444	(X)	100	5 791	298	20 081	(X)	116	6 703
100.0 to 249.9 acres	224	34 334	(X)	121	15 881	247	37 773	(X)	127	16 215
250.0 to 499.9 acres	69	23 706	(X)	43	11 792	89	29 427	(X)	54	14 086
500.0 to 749.9 acres	19	11 325	(X)	13	6 436	18	10 197	(X)	13	6 054
750.0 to 999.9 acres	9	7 417	(X)	8	5 116	2	(D)	(X)	2	(D)
1,000.0 acres or more	8	15 810	(X)	6	9 448	7	13 482	(X)	6	10 061
1,000.0 to 1,999.9 acres	6	(D)	(X)	4	(D)	5	(D)	(X)	4	(D)
2,000.0 to 2,999.9 acres	–	–	(X)	–	–	1	(D)	(X)	1	(D)
3,000.0 acres or more	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
Asparagus	541	17 675	(X)	59	366	738	21 216	(X)	70	886
0.1 to 0.9 acres	61	21	(X)	18	4	67	22	(X)	17	5
1.0 to 4.9 acres	124	275	(X)	27	59	165	397	(X)	29	55
5.0 to 14.9 acres	103	902	(X)	6	55	185	1 681	(X)	8	60
15.0 to 24.9 acres	65	1 196	(X)	1	(D)	94	1 773	(X)	4	68
25.0 to 49.9 acres	87	2 930	(X)	2	(D)	106	3 771	(X)	3	107
50.0 to 99.9 acres	56	3 744	(X)	3	185	77	5 207	(X)	5	383
100.0 acres or more	45	8 607	(X)	2	(D)	44	8 366	(X)	4	209
Snap beans	453	18 553	(X)	211	12 622	549	19 515	(X)	215	10 871
Cucumbers and pickles	455	33 159	(X)	191	18 716	514	27 716	(X)	195	15 206
0.1 to 0.9 acres	152	44	(X)	49	14	159	43	(X)	46	14
1.0 to 4.9 acres	73	125	(X)	21	36	80	162	(X)	21	41
5.0 to 14.9 acres	27	224	(X)	9	85	44	389	(X)	12	97
15.0 to 24.9 acres	34	625	(X)	15	250	33	596	(X)	16	273
25.0 to 49.9 acres	43	1 506	(X)	26	893	68	2 415	(X)	38	1 314
50.0 to 99.9 acres	40	2 807	(X)	21	1 190	57	3 802	(X)	22	1 428
100.0 acres or more	86	27 829	(X)	50	16 248	73	20 309	(X)	40	12 039
Sweet corn	943	10 998	(X)	262	2 697	1 221	19 551	(X)	306	8 629
Tomatoes	615	7 779	(X)	247	3 530	748	8 831	(X)	236	2 816
Berries harvested for sale	1 147	18 760	(X)	591	10 808	1 328	17 798	(X)	696	11 405
0.1 to 0.9 acres	211	66	(X)	92	30	251	86	(X)	89	32
1.0 to 4.9 acres	395	881	(X)	181	405	457	1 008	(X)	215	475
5.0 to 14.9 acres	289	2 506	(X)	148	1 193	322	2 700	(X)	168	1 301
15.0 to 24.9 acres	86	1 610	(X)	48	830	127	2 311	(X)	80	1 328
25.0 to 49.9 acres	81	2 725	(X)	53	1 494	84	2 833	(X)	65	1 862
50.0 to 99.9 acres	52	3 730	(X)	44	2 684	61	4 067	(X)	59	3 238
100.0 acres or more	33	7 242	(X)	25	4 172	26	4 792	(X)	20	3 168
Tame blueberries (pounds)	623	16 541	69 636 457	289	9 360	697	14 928	35 907 750	314	9 228
Strawberries (pounds)	363	1 498	5 590 914	248	1 120	453	2 131	8 857 667	311	1 795

Table 42. **Specified Crops by Acres Harvested: 1997 and 1992**—Con.

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

Crop	1997					1992				
				Irrigated land					Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Land in orchards	2 863	139 607	(X)	362	11 930	3 531	162 183	(X)	444	14 799
0.1 to 0.9 acres	135	58	(X)	23	(D)	144	71	(X)	29	(D)
1.0 to 4.9 acres	772	1 778	(X)	91	197	895	2 074	(X)	74	167
5.0 to 14.9 acres	607	5 018	(X)	52	359	815	6 955	(X)	66	396
15.0 to 24.9 acres	255	4 852	(X)	16	267	335	6 318	(X)	26	361
25.0 to 49.9 acres	381	13 441	(X)	48	971	449	15 609	(X)	56	955
50.0 to 99.9 acres	311	21 677	(X)	49	1 924	440	30 874	(X)	75	2 789
100.0 to 249.9 acres	299	45 198	(X)	53	3 154	350	51 190	(X)	86	4 610
250.0 to 499.9 acres	76	25 954	(X)	19	2 433	67	23 050	(X)	16	2 401
500.0 to 749.9 acres	15	8 793	(X)	4	713	24	14 012	(X)	10	1 891
750.0 to 999.9 acres	5	4 113	(X)	2	(D)	7	5 751	(X)	5	1 156
1,000.0 acres or more	7	8 724	(X)	5	(D)	5	6 280	(X)	1	(D)
1,000.0 to 1,999.9 acres	7	8 724	(X)	5	(D)	5	6 280	(X)	1	(D)
2,000.0 to 2,999.9 acres	–	–	(X)	–	–	–	–	(X)	–	–
3,000.0 acres or more	–	–	(X)	–	–	–	–	(X)	–	–

Table 43. **Specified Fruits and Nuts by Acres: 1997 and 1992**

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

Crop	Total			Trees or vines of nonbearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
Apples 1997	1 991	68 987	9 031 404	1 152	1 575 382	1 845	7 456 022	1 521	966 592 252
1992	2 473	76 911	8 488 710	1 321	1 756 500	2 326	6 732 210	1 831	988 740 290
1997 acres harvested:									
0.1 to 0.9 acres	209	81	5 808	115	2 385	163	3 423	92	176 532
1.0 to 4.9 acres	611	1 350	102 007	337	22 532	532	79 475	336	5 629 246
5.0 to 14.9 acres	382	3 192	393 450	188	80 538	363	312 912	313	28 202 324
15.0 to 24.9 acres	193	3 636	432 910	98	75 396	193	357 514	192	50 706 470
25.0 to 49.9 acres	211	7 422	906 687	117	153 436	211	753 251	210	101 305 129
50.0 to 99.9 acres	206	14 106	1 890 924	145	320 456	206	1 570 468	203	204 166 401
100.0 acres or more	179	39 200	5 299 618	152	920 639	177	4 378 979	175	576 406 150
100.0 to 249.9 acres	133	19 653	2 768 274	115	503 985	131	2 264 289	130	284 467 397
250.0 to 499.9 acres	38	12 657	1 600 029	30	241 229	38	1 358 800	38	189 305 613
500.0 acres or more	8	6 890	931 315	7	175 425	8	755 890	7	102 633 140
1992 acres harvested:									
0.1 to 0.9 acres	286	113	8 154	152	2 154	237	6 000	154	269 720
1.0 to 4.9 acres	719	1 654	125 915	327	25 882	642	100 033	418	7 281 457
5.0 to 14.9 acres	527	4 553	391 306	234	66 933	511	324 373	398	33 481 232
15.0 to 24.9 acres	212	3 996	377 332	105	62 168	209	315 164	173	35 337 382
25.0 to 49.9 acres	281	9 664	943 287	181	194 792	279	748 495	251	101 813 684
50.0 to 99.9 acres	257	17 387	1 928 311	167	361 840	257	1 566 471	246	216 874 574
100.0 acres or more	191	39 545	4 714 405	155	1 042 731	191	3 671 674	191	593 682 241
100.0 to 249.9 acres	147	21 307	2 524 101	118	552 689	147	1 971 412	147	320 736 701
250.0 to 499.9 acres	34	11 649	1 247 666	28	287 192	34	960 474	34	149 776 465
500.0 acres or more	10	6 590	942 638	9	202 850	10	739 788	10	123 169 075
Cherries, total (see text) 1997	1 077	47 716	4 735 581	555	678 959	982	4 056 622	836	272 166 983
1992	1 491	56 878	5 518 853	706	860 800	1 411	4 658 053	1 171	254 167 481
1997 acres harvested:									
0.1 to 0.9 acres	169	49	2 540	101	964	102	1 576	35	19 163
1.0 to 4.9 acres	155	380	33 202	56	6 960	138	26 242	99	1 036 753
5.0 to 14.9 acres	181	1 602	153 425	66	19 832	173	133 593	154	6 399 182
15.0 to 24.9 acres	99	1 887	179 872	41	19 415	98	160 457	88	8 513 957
25.0 to 49.9 acres	186	6 521	635 183	91	99 468	184	535 715	178	35 198 895
50.0 to 99.9 acres	149	10 330	1 022 229	96	136 363	149	885 866	145	64 062 123
100.0 acres or more	138	26 948	2 709 130	104	395 957	138	2 313 173	137	156 936 910
100.0 to 249.9 acres	114	16 343	1 648 217	86	269 880	114	1 378 337	113	97 698 905
250.0 to 499.9 acres	20	7 186	688 143	14	68 507	20	619 636	20	37 332 764
500.0 acres or more	4	3 419	372 770	4	57 570	4	315 200	4	21 905 241
1992 acres harvested:									
0.1 to 0.9 acres	263	70	3 909	111	801	205	3 108	106	66 172
1.0 to 4.9 acres	212	525	46 255	62	5 450	199	40 805	145	1 204 403
5.0 to 14.9 acres	257	2 326	224 465	82	21 306	254	203 159	201	8 261 201
15.0 to 24.9 acres	161	3 038	286 970	66	32 110	158	254 860	146	13 874 938
25.0 to 49.9 acres	239	8 371	842 694	131	120 591	236	722 103	226	39 341 952
50.0 to 99.9 acres	214	14 520	1 370 302	136	213 727	214	1 156 575	205	64 677 191
100.0 acres or more	145	28 030	2 744 258	118	466 815	145	2 277 443	142	126 741 624
100.0 to 249.9 acres	116	15 843	1 511 258	94	265 400	116	1 245 858	114	71 742 898
250.0 to 499.9 acres	23	(D)	(D)	18	(D)	23	(D)	22	(D)
500.0 acres or more	6	(D)	(D)	6	(D)	6	(D)	6	(D)
Grapes (see text) (fresh weight) 1997	732	13 045	7 158 937	199	432 240	689	6 726 697	567	109 863 755
1992	900	13 411	6 929 467	219	471 501	866	6 457 966	584	87 400 818
1997 acres harvested:									
0.1 to 0.9 acres	200	46	16 619	59	2 246	174	14 373	80	55 792
1.0 to 4.9 acres	160	370	175 905	39	18 765	152	157 140	128	1 972 380
5.0 to 14.9 acres	169	1 482	784 418	31	70 985	161	713 433	158	11 902 611
15.0 to 24.9 acres	70	1 370	732 002	22	61 771	69	670 231	69	11 419 599
25.0 to 49.9 acres	66	2 160	1 119 927	23	104 154	66	1 015 773	65	15 056 166
50.0 to 99.9 acres	38	2 618	1 438 827	14	61 395	38	1 377 432	38	23 438 557
100.0 acres or more	29	4 999	2 891 239	11	112 924	29	2 778 315	29	46 018 650
100.0 to 249.9 acres	25	3 614	2 048 004	9	(D)	25	(D)	25	31 464 275
250.0 to 499.9 acres	4	1 386	843 235	2	(D)	4	(D)	4	14 554 375
500.0 acres or more	–	–	–	–	–	–	–	–	–

Table 43. **Specified Fruits and Nuts by Acres: 1997 and 1992**—Con.

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

Crop	Total			Trees or vines of nonbearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
Grapes (see text) (fresh weight)—Con.									
1992 acres harvested:									
0.1 to 0.9 acres	224	61	22 762	75	1 796	203	20 966	91	77 853
1.0 to 4.9 acres	186	417	205 948	43	11 383	183	194 565	93	1 315 626
5.0 to 14.9 acres	259	2 193	1 156 925	38	78 041	250	1 078 884	205	12 515 180
15.0 to 24.9 acres	96	1 836	935 031	20	37 716	95	897 315	69	9 497 846
25.0 to 49.9 acres	73	2 439	1 279 286	19	79 472	73	1 199 814	65	16 707 605
50.0 to 99.9 acres	41	2 850	1 444 120	10	83 908	41	1 360 212	41	20 438 400
100.0 acres or more	21	3 616	1 885 395	14	179 185	21	1 706 210	20	26 848 308
100.0 to 249.9 acres	18	2 595	1 318 702	13	(D)	18	(D)	17	17 724 308
250.0 to 499.9 acres	3	1 021	566 693	1	(D)	3	(D)	3	9 124 000
500.0 acres or more	–	–	–	–	–	–	–	–	–
Peaches 1997	726	6 782	842 302	399	159 188	630	683 114	548	51 376 086
1992	1 118	9 847	1 062 957	463	186 545	1 016	876 412	786	48 890 269
1997 acres harvested:									
0.1 to 0.9 acres	204	55	3 855	121	1 322	140	2 533	90	83 173
1.0 to 4.9 acres	221	519	57 134	106	12 619	202	44 515	173	2 387 654
5.0 to 14.9 acres	177	1 433	163 665	87	27 724	169	135 941	169	8 581 360
15.0 to 24.9 acres	56	1 033	120 933	34	27 767	52	93 166	51	7 679 428
25.0 to 49.9 acres	45	1 496	191 315	33	28 726	44	162 589	43	14 528 832
50.0 to 99.9 acres	15	959	126 193	11	26 419	15	99 774	14	8 735 397
100.0 acres or more	8	1 287	179 207	7	34 611	8	144 596	8	9 380 242
1992 acres harvested:									
0.1 to 0.9 acres	279	75	5 309	123	1 209	211	4 100	122	185 393
1.0 to 4.9 acres	400	912	91 562	114	12 264	377	79 298	277	3 129 897
5.0 to 14.9 acres	258	2 050	211 617	115	40 136	248	171 481	215	8 570 481
15.0 to 24.9 acres	80	1 473	145 395	36	18 901	80	126 494	77	7 620 196
25.0 to 49.9 acres	68	2 387	261 736	47	43 839	67	217 897	62	11 022 670
50.0 to 99.9 acres	23	1 481	183 952	20	43 575	23	140 377	23	8 955 782
100.0 acres or more	10	1 469	163 386	8	26 621	10	136 765	10	9 405 850
Pears 1997	287	906	86 498	108	9 176	235	77 322	172	7 894 867
1992	423	1 399	128 358	116	7 644	375	120 714	268	11 282 131
Plums and prunes (see text) (fresh weight) 1997	270	1 294	152 891	128	21 806	230	131 085	198	7 991 444
1992	478	2 949	315 660	121	34 161	444	281 499	330	15 827 023

Table 44. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale by Value of Sales: 1997 and 1992**

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

Crop	Under glass or other protection		In the open		Sales	
	Farms	Square feet	Farms	Acres	Farms	Value ($1,000)
Nursery and greenhouse crops, cut Christmas trees harvested, mushrooms, and sod grown for sale (see text) 1997	1 141	55 853 413	2 804	94 007	3 548	478 448
1992	1 017	37 811 903	1 248	29 517	1 928	309 521
1997 value of sales:						
$1 to $2,499 sales	97	168 812	1 016	15 044	1 080	1 202
$2,500 to $9,999 sales	176	547 574	629	11 418	752	3 947
$10,000 to $39,999 sales	259	1 827 241	542	11 339	713	14 576
$40,000 to $99,999 sales	207	3 053 335	253	10 167	375	23 081
$100,000 to $199,999 sales	137	3 571 729	167	10 711	250	33 345
$200,000 to $499,999 sales	140	7 674 912	109	7 434	205	59 595
$500,000 to $999,999 sales	52	5 844 497	40	6 142	80	55 355
$1,000,000 sales or more	73	33 165 313	48	21 752	93	287 347
1992 value of sales:						
$1 to $2,499 sales	74	88 514	207	453	266	323
$2,500 to $9,999 sales	184	494 234	336	1 063	461	2 465
$10,000 to $39,999 sales	240	1 836 718	311	2 935	471	9 549
$40,000 to $99,999 sales	200	3 397 435	175	3 195	298	18 866
$100,000 to $199,999 sales	104	3 237 268	80	3 275	149	20 251
$200,000 to $499,999 sales	125	8 496 210	91	6 099	174	54 326
$500,000 to $999,999 sales	43	6 174 995	22	2 695	56	38 948
$1,000,000 sales or more	47	14 086 529	26	9 802	53	164 793
Floriculture crops—bedding/garden plants, cut flowers and cut florist greens, foliage and potted flowering plants, total 1997	965	38 702 673	554	4 198	1 292	273 501
1992	848	33 236 191	395	2 979	1 067	176 687
1997 value of sales:						
$1 to $2,499 sales	87	151 482	134	133	198	230
$2,500 to $9,999 sales	135	397 066	135	197	238	1 297
$10,000 to $39,999 sales	225	1 641 587	102	325	278	5 897
$40,000 to $99,999 sales	187	2 832 723	72	379	205	12 618
$100,000 to $199,999 sales	110	3 271 784	41	464	125	16 605
$200,000 to $499,999 sales	116	7 058 710	39	849	133	39 033
$500,000 sales or more	105	23 349 321	31	1 852	115	197 822
1992 value of sales:						
$1 to $2,499 sales	60	51 679	101	62	150	174
$2,500 to $9,999 sales	147	373 837	88	133	206	1 149
$10,000 to $39,999 sales	199	1 614 011	74	276	235	5 003
$40,000 to $99,999 sales	168	3 056 628	53	222	178	11 190
$100,000 to $199,999 sales	91	2 983 778	23	255	96	13 175
$200,000 to $499,999 sales	109	7 990 014	38	799	124	39 883
$500,000 sales or more	74	17 166 244	18	1 232	78	106 113
Bedding/garden plants 1997	871	29 560 166	361	1 683	1 065	207 229
1992	745	24 518 470	141	519	798	113 112
1997 value of sales:						
$1 to $2,499 sales	85	191 503	83	65	150	170
$2,500 to $9,999 sales	117	299 654	86	101	180	962
$10,000 to $39,999 sales	218	1 604 835	64	150	248	5 160

Table 44. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale by Value of Sales: 1997 and 1992**—Con.

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

Crop	Under glass or other protection		In the open		Sales	
	Farms	Square feet	Farms	Acres	Farms	Value ($1,000)
Nursery and greenhouse crops, cut Christmas trees harvested, mushrooms, and sod grown for sale (see text)—Con.						
Floriculture crops—bedding/garden plants, cut flowers and cut florist greens, foliage and potted flowering plants, total—Con.						
Bedding/garden plants—Con.						
1997 value of sales—Con.						
$40,000 to $99,999 sales	166	2 358 012	49	205	176	10 335
$100,000 to $199,999 sales	101	2 940 709	24	161	109	13 976
$200,000 to $499,999 sales	108	6 501 116	32	313	120	35 567
$500,000 sales or more	76	15 664 337	23	687	82	141 059
1992 value of sales:						
$1 to $2,499 sales	65	71 363	21	13	81	103
$2,500 to $9,999 sales	134	345 099	20	25	144	840
$10,000 to $39,999 sales	185	1 531 873	34	87	196	4 175
$40,000 to $99,999 sales	143	2 470 559	22	61	146	8 914
$100,000 to $199,999 sales	77	2 667 880	13	88	81	10 852
$200,000 to $499,999 sales	93	7 002 520	20	55	99	31 225
$500,000 sales or more	48	10 429 176	11	192	51	57 004
Cut flowers and cut florist greens 1997..	45	863 270	146	2 132	180	12 257
1992..	71	1 004 385	171	2 248	221	15 999
1997 value of sales:						
$1 to $2,499 sales	12	48 781	59	62	70	84
$2,500 to $9,999 sales	10	20 106	37	65	46	238
$10,000 to $39,999 sales	10	86 080	27	177	32	561
$40,000 to $99,999 sales	6	63 183	11	106	13	786
$100,000 to $199,999 sales	1	(D)	8	297	9	1 363
$200,000 to $499,999 sales	3	(D)	2	(D)	5	1 560
$500,000 sales or more	3	500 000	2	(D)	5	7 665
1992 value of sales:						
$1 to $2,499 sales	6	1 680	67	43	71	75
$2,500 to $9,999 sales	20	43 005	54	104	68	370
$10,000 to $39,999 sales	25	126 696	24	136	46	921
$40,000 to $99,999 sales	5	39 425	9	130	13	735
$100,000 to $199,999 sales	9	151 279	7	(D)	10	1 297
$200,000 to $499,999 sales	3	74 300	7	701	9	3 002
$500,000 sales or more	3	568 000	3	(D)	4	9 600
Foliage plants 1997..	53	872 680	28	(D)	72	6 940
1992..	73	747 565	32	66	95	5 778
Potted flowering plants 1997..	266	7 406 557	96	(D)	336	47 074
1992..	292	6 965 771	97	146	350	41 799
1997 value of sales:						
$1 to $2,499 sales	21	12 954	35	33	52	59
$2,500 to $9,999 sales	51	101 798	28	37	70	400
$10,000 to $39,999 sales	71	463 414	17	25	83	1 639
$40,000 to $99,999 sales	55	886 592	7	(D)	59	3 782
$100,000 to $199,999 sales	21	921 155	5	24	23	2 862
$200,000 to $499,999 sales	25	1 446 964	2	(D)	26	7 233
$500,000 sales or more	22	3 573 680	2	(D)	23	31 100
1992 value of sales:						
$1 to $2,499 sales	38	33 663	36	14	69	85
$2,500 to $9,999 sales	65	196 058	16	17	75	394
$10,000 to $39,999 sales	84	614 920	21	32	92	1 725
$40,000 to $99,999 sales	43	752 706	14	34	47	2 828
$100,000 to $199,999 sales	19	480 057	3	(D)	22	2 789
$200,000 to $499,999 sales	29	1 820 691	5	22	31	9 399
$500,000 sales or more	14	3 067 676	2	(D)	14	24 579
Bulbs, corms, rhizomes, and tubers (dry) 1997..	21	446 764	56	152	70	(D)
1992..	15	(D)	40	259	54	754
Cut Christmas trees harvested 1997..	(X)	(X)	1 204	17 222	1 204	33 350
Mushrooms 1997..	5	(D)	(X)	(X)	5	(D)
1992..	4	(D)	(X)	(X)	4	(D)
Nursery crops 1997..	143	15 099 566	776	17 227	822	130 703
1992..	144	3 367 325	786	18 160	834	103 660
1997 value of sales:						
$1 to $2,499 sales	17	35 933	144	509	154	178
$2,500 to $9,999 sales	20	39 357	153	551	166	818
$10,000 to $39,999 sales	36	191 887	255	1 889	268	5 119
$40,000 to $99,999 sales	27	278 778	91	1 525	95	5 532
$100,000 to $199,999 sales	13	115 162	63	1 926	66	8 399
$200,000 to $499,999 sales	15	314 760	39	1 690	41	11 878
$500,000 to $999,999 sales	1	(D)	8	573	8	5 393
$1,000,000 sales or more	14	(D)	23	8 567	24	93 387
1992 value of sales:						
$1 to $2,499 sales	10	4 376	124	381	131	163
$2,500 to $9,999 sales	34	112 118	237	826	256	1 336
$10,000 to $39,999 sales	39	218 281	237	2 434	244	4 827
$40,000 to $99,999 sales	27	305 556	101	2 420	109	6 816
$100,000 to $199,999 sales	12	246 824	34	1 165	38	5 022
$200,000 to $499,999 sales	10	201 950	29	1 473	30	8 100
$500,000 to $999,999 sales	2	(D)	9	842	10	6 837
$1,000,000 sales or more	10	(D)	15	8 620	16	70 559
Sod harvested 1997..	(X)	(X)	59	8 398	59	18 239
1992..	(X)	(X)	66	7 702	66	10 607

Table 45. **Farms by Concentration of Market Value of Agricultural Products Sold: 1997**

[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	46 027	41	300	1 597	4 991
	percent	100.0	.1	.7	3.5	10.8
Land in farms	acres	9 872 812	81 791	510 671	2 067 165	4 371 373
Average size of farm	acres	215	1 995	1 702	1 294	876
Estimated market value of land and buildings[1]	farms	46 040	41	300	1 597	4 636
	$1,000	16 489 949	201 676	959 352	3 392 933	6 607 942
Average per farm	dollars	358 166	4 918 939	3 197 840	2 124 567	1 425 354
Average per acre	dollars	1 671	2 466	1 879	1 641	1 577
Estimated market value of all machinery and equipment[1]	$1,000	3 055 199	55 582	212 623	667 228	1 339 296
	percent	100.0	1.8	7.0	21.8	43.8
Land in farms according to use:						
Total cropland	acres	7 891 802	70 778	461 620	1 877 985	3 913 953
Harvested cropland	acres	6 724 480	64 561	432 754	1 793 876	3 713 425
Pastureland, excluding woodland pastured	acres	669 234	1 110	10 962	37 702	109 065
Market value of agricultural products sold	$1,000	3 567 825	358 695	892 416	1 784 000	2 676 019
Average per farm	dollars	77 516	8 748 658	2 974 721	1 117 094	536 169
Grains	farms	19 502	15	163	1 090	3 533
	$1,000	1 033 206	4 714	65 626	323 210	661 970
Cotton and cottonseed	farms	–	–	–	–	–
	$1,000	–	–	–	–	–
Tobacco	farms	3	–	–	–	–
	$1,000	34	–	–	–	–
Hay, silage, and field seeds	farms	10 938	2	33	240	756
	$1,000	83 225	(D)	4 669	13 773	25 231
Vegetables, sweet corn, and melons	farms	2 494	3	43	246	578
	$1,000	183 645	13 898	50 171	116 447	151 510
Fruits, nuts, and berries	farms	3 027	2	25	153	489
	$1,000	231 595	(D)	35 918	93 866	160 780
Nursery and greenhouse crops	farms	3 548	14	77	231	507
	$1,000	478 448	145 648	263 159	355 187	415 715
Other crops	farms	1 725	5	52	287	778
	$1,000	189 569	16 677	63 597	124 062	170 392
Poultry and poultry products	farms	1 442	9	38	71	99
	$1,000	169 053	92 964	145 016	162 484	165 494
Dairy products	farms	3 696	3	46	442	1 567
	$1,000	645 713	19 418	93 932	294 281	523 530
Cattle and calves	farms	14 293	7	89	627	2 171
	$1,000	276 971	29 534	82 327	131 032	184 814
Hogs and pigs	farms	2 690	4	50	208	504
	$1,000	228 488	23 096	79 558	157 281	197 601
Sheep, lambs, and wool	farms	1 543	–	1	13	50
	$1,000	5 911	–	(D)	1 659	2 036
Other livestock and livestock products (see text)	farms	3 625	–	6	20	88
	$1,000	41 968	–	(D)	10 719	16 949
Total farm production expenses[1]	farms	46 040	41	300	1 597	4 636
	$1,000	2 835 658	293 861	711 010	1 383 235	1 998 379
Selected farm production expenses[1]:						
Livestock and poultry purchased	farms	11 086	20	142	646	1 634
	$1,000	175 474	24 997	68 579	109 819	133 883
Feed for livestock and poultry	farms	17 888	20	154	808	2 344
	$1,000	414 770	79 479	166 112	264 662	336 242
Commercial fertilizer	farms	29 576	30	260	1 501	4 413
	$1,000	244 613	4 659	25 400	82 836	152 225
Agricultural chemicals	farms	26 238	28	243	1 353	3 983
	$1,000	182 494	5 124	22 941	66 178	114 657
Petroleum products	farms	42 348	41	298	1 591	4 614
	$1,000	142 449	6 981	21 789	53 306	87 364
Electricity	farms	31 396	41	297	1 573	4 513
	$1,000	53 192	3 774	10 327	22 083	33 904
Hired farm labor	farms	14 481	40	291	1 504	3 828
	$1,000	369 145	62 581	143 316	249 459	322 046
Interest	farms	18 209	38	280	1 490	4 029
	$1,000	189 849	9 548	31 270	77 851	125 075
Payments from government programs	farms	18 851	13	169	1 096	3 493
	$1,000	92 806	705	5 702	23 683	49 347
Inventory of selected livestock:						
Cattle and calves	farms	15 468	6	87	624	2 157
	number	1 025 702	30 527	119 522	317 459	587 169
Milk cows	farms	3 990	3	46	441	1 546
	number	300 641	7 365	35 712	115 880	223 697
Hogs and pigs	farms	2 853	4	49	204	491
	number	1 032 014	62 910	275 611	649 043	852 548

[1]Data are based on a sample of farms.

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Table 46. **Summary by Tenure of Operator: 1997**

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARMS AND LAND IN FARMS								
Farms ..... number..	46 027	27 933	15 497	2 597	22 621	9 188	11 835	1 598
percent..	100.0	60.7	33.7	5.6	49.1	20.0	25.7	3.5
Land in farms ..... acres..	9 872 812	2 864 121	6 460 128	548 563	8 131 338	1 552 562	6 076 796	501 980
Average size of farm ..... acres..	215	103	417	211	359	169	513	314
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms..	46 027	27 933	15 497	2 597	22 621	9 188	11 835	1 598
$1,000..	3 567 825	956 285	2 351 477	260 063	3 499 367	907 162	2 336 085	256 120
Average per farm ..... dollars..	77 516	34 235	151 738	100 140	154 696	98 733	197 388	160 275
Farms by value of sales:								
Less than $1,000 (see text)	7 756	7 037	550	169	–	–	–	–
$1,000 to $2,499	4 801	3 917	674	210	–	–	–	–
$2,500 to $4,999	5 049	3 796	994	259	–	–	–	–
$5,000 to $9,999	5 800	3 995	1 444	361	–	–	–	–
$10,000 to $19,999	5 602	3 373	1 838	391	5 602	3 373	1 838	391
$20,000 to $24,999	1 611	884	589	138	1 611	884	589	138
$25,000 to $39,999	3 136	1 501	1 401	234	3 136	1 501	1 401	234
$40,000 to $49,999	1 336	618	631	87	1 336	618	631	87
$50,000 to $99,999	3 663	1 263	2 127	273	3 663	1 263	2 127	273
$100,000 to $249,999	4 008	943	2 806	259	4 008	943	2 806	259
$250,000 to $499,999	1 954	332	1 507	115	1 954	332	1 507	115
$500,000 to $999,999	864	158	646	60	864	158	646	60
$1,000,000 to $2,499,999	344	86	227	31	344	86	227	31
$2,500,000 to $4,999,999	66	15	44	7	66	15	44	7
$5,000,000 or more	37	15	19	3	37	15	19	3
Grains ..... farms..	19 502	7 814	10 138	1 550	14 502	4 390	8 984	1 128
$1,000..	1 033 206	132 664	817 681	82 861	1 014 688	120 322	813 373	80 993
Sales of $50,000 or more ..... farms..	4 880	506	4 023	351	4 880	506	4 023	351
$1,000..	838 846	57 093	716 677	65 075	838 846	57 093	716 677	65 075
Corn for grain ..... farms..	13 864	4 873	7 876	1 115	11 242	3 127	7 208	907
$1,000..	470 240	59 461	374 496	36 282	462 811	54 516	372 665	35 630
Wheat ..... farms..	8 875	2 951	5 312	612	7 581	2 039	5 027	515
$1,000..	89 407	13 906	68 905	6 596	86 902	12 125	68 379	6 398
Soybeans ..... farms..	12 516	4 328	7 076	1 112	10 337	2 858	6 612	867
$1,000..	375 311	48 184	296 433	30 694	367 816	43 244	294 779	29 793
Sorghum for grain ..... farms..	6	2	3	1	4	–	3	1
$1,000..	22	(D)	(D)	(D)	(D)	–	(D)	(D)
Barley ..... farms..	295	90	187	18	250	64	173	13
$1,000..	1 180	(D)	(D)	(D)	(D)	188	(D)	(D)
Oats ..... farms..	1 804	698	1 005	101	1 304	378	851	75
$1,000..	4 311	1 110	2 853	348	3 830	795	2 713	322
Other grains ..... farms..	2 667	734	1 703	230	2 404	580	1 619	205
$1,000..	92 735	9 786	74 131	8 818	92 176	9 454	73 989	8 733
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Tobacco ..... farms..	3	2	1	–	3	2	1	–
$1,000..	34	(D)	(D)	–	34	(D)	(D)	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	10 938	6 218	4 295	425	5 305	1 960	3 082	263
$1,000..	83 225	28 934	48 892	5 399	69 083	18 469	45 650	4 964
Sales of $50,000 or more ..... farms..	215	34	159	22	215	34	159	22
$1,000..	24 307	2 816	18 523	2 968	24 307	2 816	18 523	2 968
Vegetables, sweet corn, and melons ..... farms..	2 494	1 292	1 031	171	1 816	727	950	139
$1,000..	183 645	36 697	133 531	13 416	181 692	35 124	133 283	13 286
Sales of $50,000 or more ..... farms..	601	137	403	61	601	137	403	61
$1,000..	163 037	27 020	123 893	12 123	163 037	27 020	123 893	12 123
Fruits, nuts, and berries ..... farms..	3 027	2 184	708	135	2 100	1 351	652	97
$1,000..	231 595	103 246	111 373	16 976	228 780	100 731	111 216	16 833
Sales of $50,000 or more ..... farms..	925	490	389	46	925	490	389	46
$1,000..	204 816	82 603	106 289	15 924	204 816	82 603	106 289	15 924
Nursery and greenhouse crops ..... farms..	3 548	2 772	550	226	1 954	1 367	425	162
$1,000..	478 448	260 951	163 634	53 863	474 188	257 250	163 245	53 693
Sales of $50,000 or more ..... farms..	894	608	203	83	894	608	203	83
$1,000..	453 975	242 491	159 181	52 303	453 975	242 491	159 181	52 303
Other crops ..... farms..	1 725	435	1 121	169	1 554	311	1 080	163
$1,000..	189 569	14 710	160 224	14 635	189 203	14 462	160 130	14 611
Sales of $50,000 or more ..... farms..	764	62	632	70	764	62	632	70
$1,000..	174 245	11 045	150 488	12 712	174 245	11 045	150 488	12 712
Poultry and poultry products ..... farms..	1 442	948	446	48	494	229	239	26
$1,000..	169 053	104 230	60 140	4 683	168 419	103 723	60 043	4 653
Sales of $50,000 or more ..... farms..	99	57	37	5	99	57	37	5
$1,000..	167 358	103 043	59 682	4 633	167 358	103 043	59 682	4 633
Dairy products ..... farms..	3 696	937	2 562	197	3 638	900	2 541	197
$1,000..	645 713	94 198	520 036	31 479	645 508	94 078	519 951	31 479
Sales of $50,000 or more ..... farms..	2 645	463	2 048	134	2 645	463	2 048	134
$1,000..	619 100	84 063	505 185	29 852	619 100	84 063	505 185	29 852
Cattle and calves ..... farms..	14 293	6 516	7 100	677	8 574	2 711	5 426	437
$1,000..	276 971	71 844	193 624	11 503	260 601	61 339	188 469	10 793
Sales of $50,000 or more ..... farms..	790	163	595	32	790	163	595	32
$1,000..	173 630	36 379	130 344	6 907	173 630	36 379	130 344	6 907

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—Con.

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs ..... farms..	2 690	1 247	1 292	151	1 781	622	1 062	97
$1,000..	228 488	76 147	133 220	19 120	226 920	75 055	132 841	19 024
Sales of $50,000 or more ..... farms..	593	178	380	35	593	178	380	35
$1,000..	212 526	68 987	125 184	18 355	212 526	68 987	125 184	18 355
Sheep, lambs, and wool ..... farms..	1 543	983	492	68	531	228	280	23
$1,000..	5 911	(D)	(D)	173	4 435	(D)	(D)	108
Sales of $50,000 or more ..... farms..	13	5	8	–	13	5	8	–
$1,000..	2 178	963	1 215	–	2 178	963	1 215	–
Other livestock and livestock products (see text) ..... farms..	3 625	2 715	767	143	1 158	742	370	46
$1,000..	41 968	29 522	6 491	5 955	35 816	24 541	5 590	5 685
Sales of $50,000 or more ..... farms..	127	95	23	9	127	95	23	9
$1,000..	24 296	16 133	2 984	5 178	24 296	16 133	2 984	5 178
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	4 339	2 515	1 605	219	2 147	926	1 091	130
$1,000..	28 720	11 951	14 307	2 462	25 254	9 491	13 462	2 301
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms..	46 040	28 220	15 166	2 654	22 636	9 332	11 653	1 651
$1,000..	2 835 658	765 790	1 863 609	206 259	2 695 447	662 226	1 833 039	200 182
Average per farm ..... dollars..	61 591	27 136	122 881	77 716	119 078	70 963	157 302	121 249
Livestock and poultry purchased ..... farms..	11 086	5 446	5 103	537	6 601	2 315	3 945	341
$1,000..	175 474	53 205	114 112	8 157	167 997	47 976	112 254	7 767
Farms with expenses of—								
$1 to $4,999	7 569	4 108	3 108	353	3 487	1 278	2 034	175
$5,000 to $24,999	2 486	1 036	1 316	134	2 083	735	1 232	116
$25,000 to $99,999	763	229	496	38	763	229	496	38
$100,000 to $249,999	152	43	103	6	152	43	103	6
$250,000 or more	116	30	80	6	116	30	80	6
Feed for livestock and poultry ..... farms..	17 888	9 373	7 682	833	9 429	3 251	5 682	496
$1,000..	414 770	147 782	242 127	24 861	402 481	139 164	239 171	24 145
Farms with expenses of—								
$1 to $4,999	12 187	7 525	4 135	527	4 061	1 662	2 180	219
$5,000 to $24,999	3 248	1 219	1 866	163	2 918	961	1 823	134
$25,000 to $99,999	1 789	488	1 204	97	1 788	487	1 204	97
$100,000 to $249,999	439	70	340	29	437	70	338	29
$250,000 or more	225	71	137	17	225	71	137	17
Commercially mixed formula feeds ..... farms..	12 036	6 178	5 341	517	6 605	2 184	4 101	320
$1,000..	256 579	104 115	138 619	13 846	251 047	100 040	137 367	13 640
Farms with expenses of—								
$1 to $4,999	8 440	5 148	2 942	350	3 125	1 241	1 725	159
$5,000 to $24,999	2 191	685	1 427	79	2 077	598	1 406	73
$25,000 to $99,999	1 088	261	761	66	1 086	261	759	66
$100,000 or more	317	84	211	22	317	84	211	22
Seeds, bulbs, plants, and trees ..... farms..	27 224	12 749	12 530	1 945	18 896	6 693	10 824	1 379
$1,000..	180 800	41 141	120 442	19 217	176 499	38 332	119 329	18 838
Farms with expenses of—								
$1 to $999	11 109	7 520	2 934	655	3 843	2 146	1 494	203
$1,000 to $4,999	9 282	4 096	4 455	731	8 229	3 416	4 196	617
$5,000 to $24,999	5 470	900	4 131	439	5 462	898	4 125	439
$25,000 to $49,999	905	127	710	68	905	127	710	68
$50,000 or more	458	106	300	52	457	106	299	52
Commercial fertilizer ..... farms..	29 576	14 578	12 952	2 046	19 404	7 169	10 835	1 400
$1,000..	244 613	38 561	188 893	17 158	236 572	33 374	186 680	16 517
Farms with expenses of—								
$1 to $4,999	20 093	12 776	5 953	1 364	9 989	5 394	3 857	738
$5,000 to $24,999	7 064	1 625	4 906	533	7 002	1 603	4 886	513
$25,000 to $49,999	1 492	121	1 289	82	1 487	116	1 289	82
$50,000 or more	927	56	804	67	926	56	803	67
Agricultural chemicals ..... farms..	26 238	12 686	11 643	1 909	18 358	6 862	10 102	1 394
$1,000..	182 494	34 085	134 814	13 595	177 696	30 882	133 663	13 150
Farms with expenses of—								
$1 to $4,999	18 844	11 270	6 288	1 286	10 995	5 458	4 765	772
$5,000 to $24,999	5 753	1 240	4 009	504	5 723	1 228	3 992	503
$25,000 to $49,999	1 061	115	870	76	1 061	115	870	76
$50,000 or more	580	61	476	43	579	61	475	43
Petroleum products ..... farms..	42 348	24 875	14 955	2 518	22 343	9 121	11 615	1 607
$1,000..	142 449	41 008	91 462	9 979	132 018	33 620	88 959	9 439
Farms with expenses of—								
$1 to $4,999	35 797	23 583	10 133	2 081	15 802	7 831	6 801	1 170
$5,000 to $24,999	5 662	1 113	4 178	371	5 652	1 111	4 170	371
$25,000 to $49,999	631	104	482	45	631	104	482	45
$50,000 or more	258	75	162	21	258	75	162	21
Gasoline and gasohol ..... farms..	34 136	20 009	12 212	1 915	18 126	7 358	9 483	1 285
$1,000..	35 499	12 244	20 826	2 429	30 125	8 325	19 624	2 175
Diesel fuel ..... farms..	30 196	15 132	13 119	1 945	19 375	7 186	10 830	1 359
$1,000..	61 048	12 715	44 150	4 183	57 731	10 522	43 241	3 969
Natural gas ..... farms..	1 932	849	966	117	1 703	662	924	117
$1,000..	17 510	9 116	6 800	1 594	17 357	8 981	6 781	1 594
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	31 611	16 252	13 365	1 994	20 271	7 700	11 086	1 485
$1,000..	28 391	6 934	19 685	1 772	26 805	5 792	19 312	1 701

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—Con.

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARM PRODUCTION EXPENSES[1] —Con.								
Total farm production expenses—Con.								
Electricity ..... farms..	31 396	17 254	12 614	1 528	19 248	7 740	10 390	1 118
$1,000..	53 192	17 936	32 252	3 004	48 996	14 734	31 435	2 827
Farms with expenses of—								
$1 to $999	21 800	14 195	6 641	964	10 358	5 189	4 578	591
$1,000 to $4,999	7 332	2 482	4 405	445	6 631	1 979	4 244	408
$5,000 to $24,999	2 073	522	1 447	104	2 068	517	1 447	104
$25,000 to $49,999	118	30	78	10	118	30	78	10
$50,000 or more	73	25	43	5	73	25	43	5
Hired farm labor ..... farms..	14 481	6 624	6 973	884	10 578	3 841	6 042	695
$1,000..	369 145	116 130	218 424	34 591	366 371	114 114	217 771	34 486
Farms with expenses of—								
$1 to $4,999	8 961	4 916	3 556	489	5 074	2 146	2 628	300
$5,000 to $24,999	2 809	961	1 672	176	2 801	955	1 670	176
$25,000 to $99,999	2 014	532	1 326	156	2 006	525	1 325	156
$100,000 to $249,999	471	137	292	42	471	137	292	42
$250,000 or more	226	78	127	21	226	78	127	21
Workers by days worked:								
150 days or more ..... farms..	6 074	2 299	3 358	417	5 196	1 603	3 230	363
workers..	20 996	6 638	12 638	1 720	20 066	5 891	12 509	1 666
Less than 150 days ..... farms..	13 069	6 239	6 037	793	9 230	3 511	5 114	605
workers..	74 869	31 781	37 936	5 152	66 030	25 648	35 661	4 721
Contract labor ..... farms..	3 865	2 028	1 635	202	2 549	1 018	1 401	130
$1,000..	29 043	9 746	18 311	985	27 780	8 785	18 082	914
Farms with expenses of—								
$1 to $999	1 689	1 030	556	103	764	323	394	47
$1,000 to $4,999	1 330	690	591	49	953	394	526	33
$5,000 to $24,999	667	231	397	39	653	224	390	39
$25,000 to $49,999	102	46	47	9	102	46	47	9
$50,000 or more	77	31	44	2	77	31	44	2
Repair and maintenance ..... farms..	37 918	21 437	14 297	2 184	21 136	8 367	11 321	1 448
$1,000..	209 298	61 093	135 457	12 748	187 300	45 216	130 327	11 757
Farms with expenses of—								
$1 to $4,999	28 001	18 600	7 819	1 582	11 975	6 044	5 042	889
$5,000 to $24,999	8 308	2 552	5 255	501	7 566	2 047	5 061	458
$25,000 to $49,999	1 118	194	861	63	1 112	192	857	63
$50,000 or more	491	91	362	38	483	84	361	38
Customwork, machine hire, and rental of machinery and equipment..... farms..	13 520	6 399	6 270	851	9 298	3 216	5 400	682
$1,000..	53 082	13 013	34 682	5 387	50 724	11 237	34 181	5 306
Farms with expenses of—								
$1 to $999	6 439	3 932	2 136	371	2 911	1 243	1 439	229
$1,000 to $4,999	4 866	1 987	2 584	295	4 181	1 500	2 413	268
$5,000 to $24,999	1 896	424	1 330	142	1 887	417	1 328	142
$25,000 to $49,999	194	35	132	27	194	35	132	27
$50,000 or more	125	21	88	16	125	21	88	16
Interest ..... farms..	18 209	7 793	9 455	961	13 208	4 060	8 327	821
$1,000..	189 849	45 216	137 638	6 995	177 259	35 557	134 845	6 857
Farms with expenses of—								
$1 to $4,999	10 247	5 481	4 123	643	5 954	2 292	3 159	503
$5,000 to $24,999	6 239	2 037	3 943	259	5 531	1 493	3 779	259
$25,000 to $99,999	1 520	244	1 227	49	1 520	244	1 227	49
$100,000 or more	203	31	162	10	203	31	162	10
Secured by real estate ..... farms..	13 336	6 069	7 267	–	9 479	3 074	6 405	–
$1,000..	123 249	33 415	89 835	–	112 486	24 940	87 546	–
Farms with expenses of—								
$1 to $999	1 609	1 004	605	–	815	379	436	–
$1,000 to $4,999	5 936	3 263	2 673	–	3 436	1 345	2 091	–
$5,000 to $24,999	4 711	1 600	3 111	–	4 148	1 148	3 000	–
$25,000 to $49,999	762	153	609	–	762	153	609	–
$50,000 or more	318	49	269	–	318	49	269	–
Not secured by real estate ..... farms..	10 394	3 304	6 129	961	8 553	2 078	5 654	821
$1,000..	66 600	11 802	47 803	6 995	64 773	10 618	47 299	6 857
Farms with expenses of—								
$1 to $999	2 926	1 447	1 217	262	1 793	678	938	177
$1,000 to $4,999	4 434	1 358	2 695	381	3 745	917	2 502	326
$5,000 to $24,999	2 502	435	1 808	259	2 483	419	1 805	259
$25,000 to $49,999	371	42	292	37	371	42	292	37
$50,000 or more	161	22	117	22	161	22	117	22
Cash rent ..... farms..	12 983	–	11 279	1 704	10 790	–	9 572	1 218
$1,000..	162 012	–	135 440	26 572	159 900	–	134 017	25 883
Farms with expenses of—								
$1 to $4,999	7 978	–	7 037	941	5 820	–	5 347	473
$5,000 to $9,999	1 633	–	1 381	252	1 606	–	1 372	234
$10,000 to $24,999	1 753	–	1 502	251	1 745	–	1 494	251
$25,000 or more	1 619	–	1 359	260	1 619	–	1 359	260
Property taxes..... farms..	43 608	28 097	15 135	376	21 240	9 330	11 652	258
$1,000..	114 049	55 578	57 312	1 159	82 875	28 930	52 930	1 016
Farms with expenses of—								
$1 to $4,999	38 646	26 321	12 004	321	16 768	7 992	8 572	204
$5,000 to $9,999	3 399	1 353	2 015	31	2 964	967	1 966	31
$10,000 to $24,999	1 308	361	926	21	1 258	313	925	20
$25,000 or more	255	62	190	3	250	58	189	3
All other farm production expenses..... farms..	40 748	23 630	14 740	2 378	22 628	9 328	11 649	1 651
$1,000..	315 391	91 295	202 242	21 853	300 979	80 305	199 394	21 280
Farms with expenses of—								
$1 to $4,999	32 337	21 316	9 224	1 797	14 273	7 051	6 145	1 077
$5,000 to $24,999	6 142	1 802	3 911	429	6 087	1 766	3 899	422
$25,000 to $49,999	1 164	259	829	76	1 163	258	829	76
$50,000 to $99,999	694	145	503	46	694	145	503	46
$100,000 or more	411	108	273	30	411	108	273	30

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—Con.

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]								
All farms ..... number..	46 040	28 220	15 166	2 654	22 636	9 332	11 653	1 651
$1,000..	686 891	186 451	447 934	52 506	758 861	240 315	464 115	54 431
Average per farm ..... dollars..	14 919	6 607	29 535	19 784	33 525	25 752	39 828	32 968
Farms with net gains[2] ..... number..	21 612	10 779	9 213	1 620	16 604	6 844	8 528	1 232
Average net gain ..... dollars..	40 859	26 145	58 254	39 829	52 572	39 994	62 792	51 702
Gain of—								
Less than $1,000	2 498	1 754	571	173	604	262	281	61
$1,000 to $9,999	8 196	5 183	2 360	653	5 082	2 740	1 965	377
$10,000 to $49,999	6 919	2 866	3 502	551	6 919	2 866	3 502	551
$50,000 or more	3 999	976	2 780	243	3 999	976	2 780	243
Farms with net losses ..... number..	24 428	17 441	5 953	1 034	6 032	2 488	3 125	419
Average net loss ..... dollars..	8 029	5 468	14 910	11 623	18 907	13 425	22 841	22 115
Loss of—								
Less than $1,000	3 584	2 936	480	168	492	257	198	37
$1,000 to $9,999	16 745	12 549	3 562	634	3 200	1 517	1 474	209
$10,000 to $49,999	3 750	1 878	1 665	207	2 013	654	1 211	148
$50,000 or more	349	78	246	25	327	60	242	25
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments ..... farms..	18 851	9 553	8 381	917	11 974	3 642	7 582	750
$1,000..	92 806	26 368	61 390	5 048	76 933	12 008	60 082	4 843
Other farm-related income[1] ..... farms..	11 609	6 176	4 928	505	7 094	2 481	4 244	369
$1,000..	61 699	26 881	30 290	4 529	47 532	15 223	28 206	4 103
Customwork and other agricultural services ..... farms..	3 312	1 109	1 965	238	2 401	524	1 675	202
$1,000..	22 647	4 806	14 696	3 145	20 716	3 493	14 139	3 084
Gross cash rent or share payments ..... farms..	4 372	3 506	762	104	1 710	1 095	562	53
$1,000..	19 279	13 355	5 174	750	10 893	5 950	4 380	563
Forest products, excluding Christmas trees and maple products ..... farms..	1 494	889	573	32	769	306	450	13
$1,000..	10 013	5 734	4 150	129	7 272	3 517	3 678	77
Other farm-related income sources ..... farms..	4 791	1 697	2 878	216	4 051	1 163	2 733	155
$1,000..	9 761	2 986	6 270	505	8 652	2 263	6 010	379
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms..	1 587	289	1 173	125	1 467	205	1 149	113
$1,000..	51 618	1 959	46 871	2 787	51 529	1 910	46 860	2 760
Corn ..... farms..	1 322	233	987	102	1 247	180	974	93
$1,000..	33 325	1 153	30 075	2 097	33 282	1 126	30 067	2 090
Wheat ..... farms..	377	88	265	24	349	71	255	23
$1,000..	2 101	157	1 865	78	2 086	(D)	1 863	(D)
Soybeans ..... farms..	489	69	372	48	464	50	368	46
$1,000..	16 104	649	14 861	594	16 085	(D)	14 860	(D)
Sorghum, barley, and oats ..... farms..	60	14	40	6	50	9	37	4
$1,000..	(D)	1	70	(D)	76	(D)	69	(D)
Cotton ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	1	–	–	1	–	–	–	–
$1,000..	(D)	–	–	(D)	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms..	43 017	25 266	15 321	2 430	22 070	8 723	11 794	1 553
acres..	7 891 802	1 826 827	5 561 651	503 324	6 904 398	1 124 130	5 310 418	469 850
Harvested cropland ..... farms..	37 941	20 652	14 989	2 300	21 647	8 386	11 730	1 531
acres..	6 724 480	1 207 258	5 049 214	468 008	6 255 735	917 878	4 894 117	443 740
Farms by acres harvested:								
1 to 49 acres	17 921	14 022	2 963	936	4 321	3 177	843	301
50 to 99 acres	6 342	3 547	2 389	406	4 219	2 335	1 577	307
100 to 199 acres	5 247	1 949	2 905	393	4 751	1 759	2 630	362
200 to 499 acres	4 915	920	3 660	335	4 844	901	3 612	331
500 to 999 acres	2 289	168	1 986	135	2 286	168	1 983	135
1,000 to 1,999 acres	950	33	846	71	949	33	845	71
2,000 acres or more	277	13	240	24	277	13	240	24
Cropland:								
Pasture or grazing only ..... farms..	14 850	8 664	5 693	493	6 429	2 366	3 817	246
acres..	481 259	212 357	255 255	13 647	295 583	87 148	199 759	8 676
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	5 423	3 540	1 761	122	2 382	966	1 325	91
acres..	197 004	124 070	69 199	3 735	86 995	27 235	56 973	2 787
On which all crops failed ..... farms..	1 772	839	854	79	910	250	614	46
acres..	39 640	15 211	22 557	1 872	25 455	5 573	18 462	1 420
In cultivated summer fallow ..... farms..	2 749	1 406	1 244	99	1 536	560	912	64
acres..	73 243	28 926	41 873	2 444	52 026	14 115	35 887	2 024
Idle ..... farms..	10 334	7 003	3 004	327	4 588	2 075	2 304	209
acres..	376 176	239 005	123 553	13 618	188 604	72 181	105 220	11 203
Total woodland ..... farms..	24 314	14 962	8 838	514	12 112	4 935	6 852	325
acres..	1 142 688	603 436	517 938	21 314	696 637	240 216	440 623	15 798
Woodland pastured ..... farms..	4 658	2 664	1 879	115	2 130	811	1 265	54
acres..	151 171	74 198	74 127	2 846	92 052	32 093	58 213	1 746
Woodland not pastured ..... farms..	22 014	13 528	8 040	446	11 171	4 531	6 341	299
acres..	991 517	529 238	443 811	18 468	604 585	208 123	382 410	14 052

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—Con.

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	5 876	3 799	1 867	210	2 323	963	1 267	93
acres..	187 975	91 039	90 741	6 195	109 636	35 891	70 655	3 090
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	32 389	20 805	10 697	887	15 549	6 816	8 158	575
acres..	650 347	342 819	289 798	17 730	420 667	152 325	255 100	13 242
Irrigated land ..... farms..	3 752	2 094	1 392	266	2 927	1 396	1 309	222
acres..	393 485	53 840	315 335	24 310	388 615	50 392	314 134	24 089
Harvested cropland irrigated ..... farms..	3 669	2 025	1 381	263	2 908	1 384	1 303	221
acres..	390 636	52 590	313 768	24 278	386 469	(D)	312 697	(D)
Pasture and other land irrigated ..... farms..	161	120	35	6	67	39	24	4
acres..	2 849	1 250	1 567	32	2 146	(D)	1 437	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	5 251	4 127	1 065	59	1 435	534	856	45
acres..	287 081	231 620	53 366	2 095	67 357	25 066	41 071	1 220
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings ..... farms..	46 040	28 220	15 166	2 654	22 636	9 332	11 653	1 651
$1,000..	16 489 949	5 930 334	9 680 900	878 715	12 744 127	2 964 418	8 999 279	780 429
Average per farm ..... dollars..	358 166	210 146	638 329	331 091	563 003	317 662	772 271	472 701
Average per acre ..... dollars..	1 671	2 015	1 525	1 523	1 569	1 851	1 501	1 488
Farms by value group:								
$1 to $39,999	2 925	2 277	208	440	563	403	43	117
$40,000 to $69,999	3 781	3 057	342	382	678	432	83	163
$70,000 to $99,999	4 603	3 676	680	247	1 055	729	197	129
$100,000 to $149,999	7 553	5 683	1 512	358	2 396	1 514	667	215
$150,000 to $199,999	5 941	4 275	1 377	289	2 467	1 420	854	193
$200,000 to $499,999	13 173	7 096	5 564	513	8 229	3 332	4 470	427
$500,000 to $999,999	4 701	1 563	2 927	211	4 059	1 045	2 819	195
$1,000,000 to $1,999,999	2 280	449	1 694	137	2 134	338	1 660	136
$2,000,000 to $4,999,999	921	126	727	68	896	103	726	67
$5,000,000 or more	162	18	135	9	159	16	134	9
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms..	46 039	28 219	15 166	2 654	22 636	9 332	11 653	1 651
$1,000..	3 055 199	1 048 500	1 819 802	186 898	2 468 518	587 006	1 720 383	161 129
Farms by value group:								
$1 to $4,999	3 530	2 981	395	154	594	395	140	59
$5,000 to $9,999	5 476	4 421	764	291	1 273	859	283	131
$10,000 to $19,999	8 759	6 663	1 617	479	2 724	1 737	751	236
$20,000 to $49,999	12 691	8 183	3 698	810	5 464	2 733	2 307	424
$50,000 to $99,999	7 258	3 713	3 094	451	5 018	1 963	2 686	369
$100,000 to $199,999	4 553	1 542	2 774	237	3 915	1 041	2 672	202
$200,000 to $499,999	3 116	616	2 316	184	3 005	516	2 306	183
$500,000 or more	656	100	508	48	643	88	508	47
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ..... farms..	39 295	22 904	14 139	2 252	20 732	8 187	11 115	1 430
number..	76 320	36 405	35 156	4 759	50 172	15 953	30 671	3 548
Wheel tractors ..... farms..	42 549	25 777	14 426	2 346	21 116	8 568	11 044	1 504
number..	115 020	57 393	51 331	6 296	71 210	23 309	43 376	4 525
Less than 40 horsepower (PTO) ..... farms..	24 842	16 064	7 578	1 200	11 233	4 998	5 503	732
number..	38 792	24 254	12 668	1 870	18 748	8 109	9 454	1 185
40 horsepower (PTO) or more ..... farms..	33 633	18 505	13 160	1 968	18 737	7 032	10 409	1 296
number..	76 228	33 139	38 663	4 426	52 462	15 200	33 922	3 340
40 to 99 horsepower (PTO) ..... farms..	30 648	17 286	11 725	1 637	16 711	6 508	9 136	1 067
number..	52 624	26 772	23 051	2 801	32 499	11 475	19 064	1 960
100 horsepower (PTO) or more ..... farms..	13 905	4 977	7 900	1 028	10 728	2 664	7 257	807
number..	23 604	6 367	15 612	1 625	19 963	3 725	14 858	1 380
Grain and bean combines ..... farms..	14 570	5 364	8 133	1 073	10 978	2 963	7 243	772
number..	17 075	6 023	9 791	1 261	13 044	3 333	8 799	912
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	17 162	8 750	7 660	752	8 956	2 960	5 494	502
number..	18 578	9 408	8 367	803	9 844	3 227	6 072	545
Pickup balers ..... farms..	16 864	8 434	7 670	760	9 081	2 990	5 597	494
number..	20 995	9 900	10 173	922	11 814	3 637	7 576	601
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ..... farms..	29 377	14 406	12 944	2 027	19 335	7 112	10 833	1 390
acres on which used..	5 612 394	900 565	4 280 560	431 269	5 365 923	739 430	4 211 749	414 744
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms..	9 816	4 532	4 574	710	7 771	2 923	4 279	569
acres on which used..	1 252 567	213 618	949 057	89 892	1 223 814	193 022	943 542	87 250
Nematodes in crops ..... farms..	1 010	465	494	51	763	270	449	44
acres on which used..	122 416	24 764	92 000	5 652	116 668	20 832	90 233	5 603
Diseases in crops and orchards ..... farms..	4 101	2 379	1 471	251	3 105	1 561	1 354	190
acres on which used..	369 437	90 660	256 390	22 387	358 209	83 664	252 857	21 688
Weeds, grass, or brush in crops and pasture ..... farms..	20 327	8 797	9 940	1 590	15 406	5 319	8 881	1 206
acres on which used..	4 321 549	612 911	3 345 319	363 319	4 206 074	540 026	3 314 115	351 933
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	1 391	719	579	93	1 056	443	546	67
acres on which used..	129 348	29 932	91 573	7 843	124 320	26 603	90 267	7 450

See footnotes at end of table.

USDA, National Agricultural Statistics Service

Table 46. **Summary by Tenure of Operator: 1997**—Con.

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
TENURE AND RACE OF OPERATOR								
All operators	46 027	27 933	15 497	2 597	22 621	9 188	11 835	1 598
Full owners	27 933	27 933	–	–	9 188	9 188	–	–
Part owners	15 497	–	15 497	–	11 835	–	11 835	–
Tenants	2 597	–	–	2 597	1 598	–	–	1 598
White	45 708	27 694	15 427	2 587	22 502	9 110	11 798	1 594
Full owners	27 694	27 694	–	–	9 110	9 110	–	–
Part owners	15 427	–	15 427	–	11 798	–	11 798	–
Tenants	2 587	–	–	2 587	1 594	–	–	1 594
Black and other races	319	239	70	10	119	78	37	4
Full owners	239	239	–	–	78	78	–	–
Part owners	70	–	70	–	37	–	37	–
Tenants	10	–	–	10	4	–	–	4
OWNED AND RENTED LAND								
Land owned ... farms	43 517	27 933	15 497	87	21 071	9 188	11 835	48
acres	6 511 133	3 229 340	3 270 519	11 274	4 744 387	1 700 256	3 036 333	7 798
Owned land in farms ... farms	43 430	27 933	15 497	–	21 023	9 188	11 835	–
acres	6 054 109	2 864 121	3 189 988	–	4 524 528	1 552 562	2 971 966	–
Land rented or leased from others ... farms	18 234	140	15 497	2 597	13 496	63	11 835	1 598
acres	3 852 924	10 286	3 287 092	555 546	3 631 601	6 312	3 118 522	506 767
landlords	66 298	457	58 188	7 653	56 904	143	50 808	5 953
Rented or leased land in farms ... farms	18 094	–	15 497	2 597	13 433	–	11 835	1 598
acres	3 818 703	–	3 270 140	548 563	3 606 810	–	3 104 830	501 980
Land rented or leased to others ... farms	6 290	4 973	1 164	153	2 401	1 507	813	81
acres	491 245	375 505	97 483	18 257	244 650	154 006	78 059	12 585
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	37 077	22 245	13 493	1 339	18 445	7 277	10 317	851
Not on farm operated	6 043	3 623	1 316	1 104	2 860	1 223	982	655
Not reported	2 907	2 065	688	154	1 316	688	536	92
Operators by principal occupation:								
Farming	22 043	11 000	9 825	1 218	15 433	5 701	8 761	971
Other	23 984	16 933	5 672	1 379	7 188	3 487	3 074	627
Operators by days worked off farm:								
None	17 964	10 302	6 864	798	11 192	4 405	6 143	644
Any	25 906	16 268	7 924	1 714	10 216	4 232	5 095	889
1 to 99 days	3 489	1 859	1 360	270	2 112	766	1 149	197
100 to 199 days	3 849	2 355	1 267	227	1 762	716	893	153
200 days or more	18 568	12 054	5 297	1 217	6 342	2 750	3 053	539
Not reported	2 157	1 363	709	85	1 213	551	597	65
Operators by years on present farm:								
2 years or less	1 810	1 121	384	305	622	262	199	161
3 or 4 years	2 532	1 623	621	288	898	397	357	144
5 to 9 years	5 715	3 622	1 587	506	2 250	955	990	305
10 years or more	28 751	16 721	10 940	1 090	15 565	6 046	8 773	746
Average years on present farm	21.6	21.7	22.8	12.9	23.8	24.9	24.3	14.2
Not reported	7 219	4 846	1 965	408	3 286	1 528	1 516	242
Operators by age group:								
Under 25 years	459	150	108	201	260	68	85	107
25 to 34 years	3 114	1 338	1 184	592	1 708	441	899	368
35 to 44 years	9 770	4 905	4 049	816	5 106	1 499	3 092	515
45 to 49 years	5 906	3 373	2 218	315	2 870	1 039	1 631	200
50 to 54 years	5 978	3 562	2 196	220	2 914	1 106	1 670	138
55 to 59 years	5 598	3 440	1 999	159	2 745	1 119	1 534	92
60 to 64 years	4 812	3 169	1 546	97	2 455	1 153	1 244	58
65 to 69 years	3 901	2 793	1 045	63	1 767	933	796	38
70 years and over	6 489	5 203	1 152	134	2 796	1 830	884	82
Average age	53.3	55.8	50.6	42.3	52.4	56.4	50.7	42.3
Operators by sex:								
Male	42 094	24 716	14 944	2 434	21 579	8 505	11 527	1 547
Female	3 933	3 217	553	163	1 042	683	308	51
Operators of Spanish, Hispanic, or Latino origin (see text)	280	181	81	18	136	68	58	10
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ... farms	40 190	25 172	13 020	1 998	18 364	7 638	9 594	1 132
acres	7 205 435	2 394 835	4 523 772	286 828	5 623 450	1 200 087	4 175 147	248 216
Partnership ... farms	3 778	1 640	1 831	307	2 749	870	1 649	230
acres	1 717 866	270 349	1 340 000	107 517	1 616 537	204 152	1 310 075	102 310
Corporation:								
Family held ... farms	1 662	840	580	242	1 304	557	542	205
acres	842 331	143 502	555 190	143 639	807 850	114 468	551 498	141 884
More than 10 stockholders ... farms	30	19	8	3	24	13	8	3
10 or less stockholders ... farms	1 632	821	572	239	1 280	544	534	202
Other than family held ... farms	172	115	29	28	110	68	24	18
acres	41 864	15 663	19 649	6 552	35 530	10 339	19 160	6 031
More than 10 stockholders ... farms	17	13	4	–	12	10	2	–
10 or less stockholders ... farms	155	102	25	28	98	58	22	18
Other—cooperative, estate or trust, institutional, etc. ... farms	225	166	37	22	94	55	26	13
acres	65 316	39 772	21 517	4 027	47 971	23 516	20 916	3 539

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—Con.

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
INJURIES AND DEATHS								
Farm-related injuries:								
Operator and family members ..... farms..	448	183	242	23	288	72	202	14
number..	503	204	272	27	323	80	226	17
Hired workers ..... farms..	364	102	228	34	340	84	224	32
number..	554	160	327	67	522	(D)	323	(D)
Farm-related deaths:								
Operator and family members ..... farms..	7	2	3	2	5	–	3	2
number..	7	(D)	(D)	(D)	(D)	–	(D)	(D)
Hired workers ..... farms..	4	3	1	–	3	2	1	–
number..	4	(D)	(D)	–	(D)	(D)	(D)	–
FARMS BY SIZE								
1 to 9 acres	2 611	2 229	122	260	727	600	31	96
10 to 49 acres	12 075	9 926	1 442	707	2 192	1 697	312	183
50 to 69 acres	3 563	2 527	796	240	1 071	659	289	123
70 to 99 acres	5 801	4 332	1 193	276	2 175	1 381	609	185
100 to 139 acres	4 572	2 965	1 381	226	2 295	1 223	895	177
140 to 179 acres	3 503	2 053	1 284	166	2 099	990	965	144
180 to 219 acres	2 401	1 137	1 124	140	1 705	669	908	128
220 to 259 acres	1 683	727	872	84	1 314	471	768	75
260 to 499 acres	4 905	1 427	3 253	225	4 253	967	3 068	218
500 to 999 acres	3 201	487	2 551	163	3 097	421	2 517	159
1,000 to 1,999 acres	1 338	93	1 163	82	1 322	82	1 158	82
2,000 acres or more	374	30	316	28	371	28	315	28
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	16 307	8 437	6 621	1 249	9 589	3 004	5 728	857
Vegetable and melon farming (1112)	1 428	814	515	99	961	420	466	75
Fruit and tree nut farming (1113)	2 668	2 071	490	107	1 666	1 153	441	72
Greenhouse, nursery, and floriculture production (1114)	3 054	2 480	375	199	1 632	1 208	280	144
Other crop farming (1119)	6 191	4 126	1 833	232	2 033	860	1 052	121
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	6 191	4 126	1 833	232	2 033	860	1 052	121
Beef cattle ranching and farming (112111)	4 765	3 018	1 579	168	1 216	511	669	36
Cattle feedlots (112112)	1 791	1 013	695	83	745	308	404	33
Dairy cattle and milk production (11212)	3 177	777	2 217	183	3 136	749	2 204	183
Hog and pig farming (1122)	1 178	656	462	60	789	354	395	40
Poultry and egg production (1123)	400	314	69	17	122	80	37	5
Sheep and goat farming (1124)	681	538	126	17	73	44	28	1
Animal aquaculture and other animal production (1125, 1129)	4 387	3 689	515	183	659	497	131	31
LIVESTOCK								
Cattle and calves inventory ..... farms..	15 468	7 378	7 382	708	8 675	2 725	5 508	442
number..	1 025 702	242 092	739 605	44 005	920 571	179 613	700 934	40 024
Farms with—								
1 to 9	3 913	2 720	1 039	154	921	402	470	49
10 to 49	6 732	3 556	2 839	337	3 207	1 349	1 675	183
50 to 99	2 148	653	1 394	101	1 897	535	1 268	94
100 to 199	1 497	312	1 113	72	1 474	303	1 099	72
200 to 499	955	109	816	30	953	108	815	30
500 or more	223	28	181	14	223	28	181	14
Cows and heifers that had calved ..... farms..	11 140	5 042	5 618	480	6 386	1 913	4 160	313
number..	417 040	96 264	303 075	17 701	372 375	70 228	285 846	16 301
Beef cows ..... farms..	7 566	4 055	3 225	286	3 015	1 075	1 813	127
number..	116 399	47 806	64 633	3 960	72 814	22 484	47 736	2 594
Farms with—								
1 to 9	3 880	2 452	1 270	158	995	407	539	49
10 to 49	3 289	1 493	1 682	114	1 667	579	1 024	64
50 to 99	304	86	208	10	262	66	186	10
100 to 199	79	18	57	4	77	17	56	4
200 to 499	11	5	6	–	11	5	6	–
500 or more	3	1	2	–	3	1	2	–
Milk cows ..... farms..	3 990	1 137	2 639	214	3 669	911	2 556	202
number..	300 641	48 458	238 442	13 741	299 561	47 744	238 110	13 707
Farms with—								
1 to 4	334	216	106	12	97	43	50	4
5 to 9	154	91	52	11	85	44	34	7
10 to 49	1 493	533	866	94	1 478	527	857	94
50 to 99	1 048	195	793	60	1 048	195	793	60
100 to 199	714	82	604	28	714	82	604	28
200 to 499	208	13	187	8	208	13	187	8
500 or more	39	7	31	1	39	7	31	1
Heifers and heifer calves ..... farms..	10 594	4 590	5 513	491	6 314	1 836	4 155	323
number..	321 816	67 733	239 930	14 153	296 401	52 946	230 327	13 128
Steers, steer calves, bulls, and bull calves ..... farms..	12 981	6 036	6 350	595	7 270	2 219	4 677	374
number..	286 846	78 095	196 600	12 151	251 795	56 439	184 761	10 595

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—Con.

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
LIVESTOCK—Con.								
Cattle and calves sold ..... farms..	14 293	6 516	7 100	677	8 574	2 711	5 426	437
number..	537 681	169 140	347 600	20 941	495 835	142 528	334 218	19 089
$1,000..	276 971	71 844	193 624	11 503	260 601	61 339	188 469	10 793
Calves ..... farms..	6 739	2 868	3 550	321	4 171	1 211	2 745	215
number..	171 501	78 813	87 053	5 635	153 138	67 220	81 140	4 778
$1,000..	27 547	12 812	13 816	919	23 444	10 204	12 482	759
Cattle ..... farms..	11 752	5 223	5 973	556	7 321	2 290	4 661	370
number..	366 180	90 327	260 547	15 306	342 697	75 308	253 078	14 311
$1,000..	249 424	59 031	179 808	10 584	237 157	51 136	175 987	10 034
Fattened on grain and concentrates .... farms..	4 729	1 994	2 510	225	3 065	930	1 990	145
number..	210 652	43 155	159 858	7 639	204 064	39 020	157 745	7 299
$1,000..	164 956	33 896	125 038	6 022	160 419	31 043	123 598	5 778
Hogs and pigs inventory ..... farms..	2 853	1 408	1 300	145	1 777	634	1 054	89
number..	1 032 014	337 210	629 966	64 838	1 017 968	327 667	626 269	64 032
Farms with—								
1 to 24	1 424	862	495	67	498	183	295	20
25 to 49	248	127	107	14	161	72	81	8
50 to 99	274	108	147	19	225	77	130	18
100 to 199	226	89	125	12	215	83	122	10
200 to 499	265	96	160	9	262	93	160	9
500 or more	416	126	266	24	416	126	266	24
Used or to be used for breeding ..... farms..	1 524	666	765	93	1 097	373	663	61
number..	129 404	46 695	73 573	9 136	127 056	45 067	72 995	8 994
Other ..... farms..	2 673	1 298	1 239	136	1 678	588	1 004	86
number..	902 610	290 515	556 393	55 702	890 912	282 600	553 274	55 038
Hogs and pigs sold..... farms..	2 690	1 247	1 292	151	1 781	622	1 062	97
number..	2 206 940	844 451	1 203 855	158 634	2 191 214	833 664	1 199 867	157 683
$1,000..	228 488	76 147	133 220	19 120	226 920	75 055	132 841	19 024
Feeder pigs ..... farms..	481	210	235	36	331	113	191	27
number..	358 029	232 233	110 143	15 653	353 461	229 214	108 882	15 365
$1,000..	13 272	7 575	5 021	677	13 102	7 462	4 973	667
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 .... farms..	1 604	704	803	97	1 142	388	692	62
number..	194 794	74 968	106 353	13 473	192 502	73 399	105 791	13 312
Dec. 1 and May 31..... farms..	1 476	639	742	95	1 071	367	643	61
number..	97 977	37 526	53 554	6 897	96 723	36 668	53 251	6 804
June 1 and Nov. 30 ..... farms..	1 346	562	706	78	1 027	347	626	54
number..	96 817	37 442	52 799	6 576	95 779	36 731	52 540	6 508
Sheep and lambs of all ages inventory..... farms..	1 628	1 053	513	62	568	249	297	22
number..	72 107	39 505	29 833	2 769	44 539	18 874	23 999	1 666
Ewes 1 year old or older ..... farms..	1 379	881	444	54	469	193	255	21
number..	36 241	19 833	14 780	1 628	19 524	7 746	10 881	897
Sheep and lambs sold..... farms..	1 436	909	460	67	500	215	262	23
number..	77 146	46 492	28 508	2 146	58 220	32 731	24 229	1 260
Sheep and lambs shorn ..... farms..	1 257	796	405	56	426	181	224	21
number..	61 122	30 220	28 381	2 521	39 443	14 525	23 339	1 579
pounds of wool..	431 678	216 355	197 863	17 460	275 060	103 085	161 255	10 720
Horses and ponies inventory ..... farms..	9 090	6 304	2 473	313	2 475	1 115	1 275	85
number..	66 201	46 087	17 196	2 918	20 136	10 834	8 429	873
Horses and ponies sold..... farms..	2 482	1 859	525	98	728	464	239	25
number..	9 646	6 849	2 428	369	5 577	3 663	1 718	196
Goats inventory ..... farms..	1 245	883	319	43	303	139	141	23
number..	10 603	7 608	2 697	298	3 781	2 624	1 028	129
Goats sold ..... farms..	371	244	107	20	80	35	36	9
number..	4 168	2 999	1 092	77	1 540	1 017	482	41
POULTRY								
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	2 276	1 515	688	73	694	293	367	34
number..	6 043 468	3 678 943	(D)	(D)	5 997 933	3 643 955	(D)	(D)
Farms with—								
1 to 399	2 216	1 487	659	70	639	269	339	31
400 to 3,199	25	11	14	–	20	7	13	–
3,200 to 9,999.....	3	1	2	–	3	1	2	–
10,000 to 19,999	3	1	1	1	3	1	1	1
20,000 to 49,999	9	4	5	–	9	4	5	–
50,000 to 99,999	5	3	1	1	5	3	1	1
100,000 or more	15	8	6	1	15	8	6	1
Layers 20 weeks old and older ..... farms..	2 205	1 469	665	71	664	277	353	34
number..	4 928 067	3 038 267	(D)	(D)	4 888 242	3 007 631	(D)	(D)
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	370	237	123	10	119	53	63	3
number..	1 115 401	640 676	474 491	234	1 109 691	636 324	473 286	81
Layers, pullets, and pullet chicks sold (see text)..... farms..	299	195	96	8	123	53	63	7
number..	4 494 476	1 843 493	2 503 788	147 195	4 483 524	(D)	2 498 983	(D)
Broilers and other meat-type chickens sold .. farms..	336	209	114	13	118	48	64	6
number..	393 028	119 643	271 977	1 408	361 540	92 660	268 597	283
Farms with—								
1 to 1,999.....	327	203	111	13	112	45	61	6
2,000 to 59,999.....	7	5	2	–	4	2	2	–
60,000 to 99,999	1	1	–	–	1	1	–	–
100,000 or more	1	–	1	–	1	–	1	–
Turkey hens kept for breeding ..... farms..	185	130	47	8	50	22	24	4
number..	(D)	(D)	(D)	56	(D)	(D)	(D)	11
Turkeys sold ..... farms..	241	162	73	6	103	52	48	3
number..	6 480 843	3 732 979	(D)	(D)	6 477 093	3 729 854	(D)	(D)

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—Con.

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms..	16 712	5 932	9 535	1 245	13 357	3 725	8 625	1 007
acres..	2 122 283	291 059	1 679 643	151 581	2 068 726	257 480	1 664 260	146 986
bushels..	238 319 129	30 350 768	190 740 621	17 227 740	234 140 282	27 681 044	189 588 142	16 871 096
Irrigated ..... farms..	780	150	584	46	735	117	574	44
acres..	164 236	16 780	138 689	8 767	163 718	(D)	138 541	(D)
Farms by acres harvested:								
1 to 24 acres	4 915	2 863	1 702	350	2 190	1 037	987	166
25 to 99 acres	6 160	2 437	3 216	507	5 535	2 056	3 025	454
100 to 249 acres	3 298	489	2 581	228	3 293	489	2 577	227
250 to 499 acres	1 485	100	1 297	88	1 485	100	1 297	88
500 acres or more	854	43	739	72	854	43	739	72
Corn for silage or green chop ..... farms..	4 817	1 282	3 277	258	4 162	905	3 038	219
acres..	279 786	37 665	226 352	15 769	270 444	32 202	223 120	15 122
tons, green..	4 001 045	484 895	3 276 962	239 188	3 903 061	426 876	3 244 113	232 072
Irrigated ..... farms..	94	18	70	6	89	14	69	6
acres..	6 165	849	4 970	346	6 119	(D)	(D)	346
Farms by acres harvested:								
1 to 24 acres	2 012	813	1 089	110	1 456	488	886	82
25 to 99 acres	1 995	402	1 490	103	1 900	354	1 454	92
100 to 249 acres	665	59	568	38	662	56	568	38
250 to 499 acres	106	7	96	3	105	6	96	3
500 acres or more	39	1	34	4	39	1	34	4
Wheat for grain ..... farms..	8 976	3 015	5 347	614	7 618	2 060	5 042	516
acres..	499 742	85 173	378 692	35 877	479 329	71 028	374 017	34 284
bushels..	28 432 159	4 476 572	21 898 917	2 056 670	27 562 141	3 864 460	21 706 298	1 991 383
Irrigated ..... farms..	65	9	49	7	62	8	47	7
acres..	7 737	496	6 301	940	7 655	(D)	(D)	940
Farms by acres harvested:								
1 to 24 acres	3 781	1 893	1 629	259	2 609	1 062	1 365	182
25 to 99 acres	3 821	1 028	2 543	250	3 640	906	2 505	229
100 to 249 acres	1 107	76	947	84	1 102	74	944	84
250 to 499 acres	217	15	187	15	217	15	187	15
500 acres or more	50	3	41	6	50	3	41	6
Oats for grain ..... farms..	3 707	1 431	2 086	190	2 753	843	1 762	148
acres..	77 588	21 765	50 782	5 041	66 901	15 706	46 744	4 451
bushels..	4 624 435	1 241 856	3 089 408	293 171	4 132 643	944 887	2 921 464	266 292
Irrigated ..... farms..	18	5	13	–	15	4	11	–
acres..	727	78	649	–	686	(D)	(D)	–
Soybeans for beans ..... farms..	12 561	4 359	7 089	1 113	10 352	2 864	6 620	868
acres..	1 694 872	231 889	1 324 869	138 114	1 643 475	199 654	1 312 095	131 726
bushels..	62 242 411	8 023 599	49 212 131	5 006 681	60 817 299	7 104 809	48 882 367	4 830 123
Irrigated ..... farms..	384	75	281	28	371	64	279	28
acres..	47 518	6 342	38 058	3 118	47 250	(D)	(D)	3 118
Farms by acres harvested:								
1 to 24 acres	2 590	1 541	796	253	1 193	556	531	106
25 to 99 acres	5 353	2 272	2 595	486	4 559	1 768	2 399	392
100 to 249 acres	2 728	464	2 023	241	2 710	458	2 015	237
250 to 499 acres	1 213	60	1 071	82	1 213	60	1 071	82
500 acres or more	677	22	604	51	677	22	604	51
Dry edible beans, excluding dry limas ..... farms..	2 172	560	1 400	212	2 043	481	1 370	192
acres..	302 767	32 552	240 289	29 926	300 365	31 282	239 643	29 440
cwt..	4 878 076	495 804	3 900 589	481 683	4 851 596	480 660	3 894 812	476 124
Irrigated ..... farms..	86	11	69	6	82	7	69	6
acres..	11 390	386	10 356	648	11 359	355	10 356	648
Farms by acres harvested:								
1 to 24 acres	378	201	141	36	279	137	120	22
25 to 99 acres	859	279	495	85	830	264	486	80
100 to 249 acres	569	69	446	54	568	69	446	53
250 to 499 acres	266	8	231	27	266	8	231	27
500 acres or more	100	3	87	10	100	3	87	10
Potatoes, excluding sweetpotatoes ..... farms..	328	129	179	20	263	75	168	20
acres..	44 931	3 662	39 542	1 727	44 811	3 585	39 499	1 727
cwt..	13 632 901	906 461	12 250 921	475 519	13 621 661	898 891	12 247 251	475 519
Irrigated ..... farms..	175	50	114	11	157	36	110	11
acres..	33 519	1 341	30 825	1 353	33 492	1 318	30 821	1 353
Farms by acres harvested:								
0.1 to 4.9 acres	125	86	36	3	67	37	27	3
5.0 to 24.9 acres	43	21	19	3	37	16	18	3
25.0 to 99.9 acres	62	11	41	10	61	11	40	10
100.0 to 249.9 acres	49	7	41	1	49	7	41	1
250.0 acres or more	49	4	42	3	49	4	42	3
Sugar beets for sugar ..... farms..	1 182	188	853	141	1 156	175	844	137
acres..	163 236	12 394	132 363	18 479	163 071	12 332	132 282	18 457
tons..	3 055 112	227 827	2 481 440	345 845	3 052 438	226 662	2 480 383	345 393
Irrigated ..... farms..	39	4	29	6	38	3	29	6
acres..	2 445	129	1 910	406	(D)	(D)	1 910	406

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—Con.

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
SELECTED CROPS HARVESTED—Con.								
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	20 858	11 101	8 935	822	10 444	3 508	6 425	511
acres..	1 264 350	368 591	844 199	51 560	970 029	194 098	733 273	42 658
tons, dry..	2 830 915	746 638	1 958 226	126 051	2 374 662	468 813	1 794 078	111 771
Irrigated ..... farms..	258	95	153	10	171	36	125	10
acres..	11 154	1 941	8 762	451	9 824	1 283	8 090	451
Farms by acres harvested:								
1 to 24 acres	9 125	6 414	2 363	348	2 791	1 307	1 330	154
25 to 99 acres	8 042	4 013	3 711	318	4 357	1 653	2 489	215
100 to 249 acres	2 799	590	2 086	123	2 429	470	1 849	110
250 to 499 acres	719	76	615	28	695	70	598	27
500 acres or more	173	8	160	5	172	8	159	5
Alfalfa hay ..... farms..	17 108	8 808	7 618	682	9 172	3 060	5 662	450
acres..	788 156	260 984	494 702	32 470	597 845	143 038	428 401	26 406
tons, dry..	1 985 404	575 736	1 322 576	87 092	1 658 070	370 446	1 211 551	76 073
Irrigated ..... farms..	204	75	121	8	135	31	96	8
acres..	7 300	1 227	5 892	181	6 292	779	5 332	181
Vegetables harvested for sale (see text)..... farms..	2 498	1 295	1 032	171	1 816	727	950	139
acres..	128 349	23 626	95 667	9 056	126 299	22 004	95 376	8 920
Irrigated ..... farms..	833	370	395	68	667	237	372	58
acres..	59 247	7 270	47 765	4 212	58 867	6 991	47 681	4 196
Farms by acres harvested:								
0.1 to 4.9 acres	907	670	197	40	356	197	140	19
5.0 to 24.9 acres	772	416	296	60	642	322	271	49
25.0 to 99.9 acres	490	155	293	42	489	154	293	42
100.0 to 249.9 acres	224	40	163	21	224	40	163	21
250.0 acres or more	105	14	83	8	105	14	83	8
Snap beans harvested for sale ..... farms..	453	205	208	40	337	103	199	35
acres..	18 553	900	15 798	1 854	18 465	837	15 778	1 849
Irrigated ..... farms..	211	87	103	21	155	41	96	18
acres..	12 622	567	10 816	1 239	12 575	539	10 797	1 238
Land in orchards..... farms..	2 863	2 086	676	101	1 699	1 042	577	80
acres..	139 607	63 342	68 571	7 694	133 012	57 476	68 059	7 477
Irrigated ..... farms..	362	245	102	15	245	138	98	9
acres..	11 930	5 128	6 368	435	11 457	4 758	6 354	346
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	907	762	129	16	164	101	56	7
5.0 to 24.9 acres	862	709	121	32	473	351	98	24
25.0 to 99.9 acres	692	457	205	30	664	436	202	26
100.0 to 249.9 acres	299	128	154	17	295	124	154	17
250.0 acres or more	103	30	67	6	103	30	67	6
Apples ..... farms..	1 991	1 416	511	64	1 170	685	432	53
Bearing and nonbearing..acres..	68 987	29 412	36 064	3 511	65 787	26 560	35 786	3 442
pounds..	966 592 252	368 503 236	540 955 181	57 133 835	958 669 286	361 645 119	540 299 993	56 724 174
Cherries, total (see text) ..... farms..	1 077	722	323	32	815	481	309	25
Bearing and nonbearing..acres..	47 716	23 343	21 649	2 724	46 605	22 344	21 565	2 695
pounds..	272 166 983	129 275 277	125 826 434	17 065 272	269 685 049	127 025 044	125 684 985	16 975 020
Grapes (see text) ..... farms..	732	555	155	22	380	233	132	15
Bearing and nonbearing..acres..	13 045	6 282	5 868	895	11 912	5 300	5 834	778
Fresh weight..pounds..	109 863 755	50 548 112	52 504 603	6 811 040	105 135 211	46 122 078	52 421 183	6 591 950
Berries harvested for sale ..... farms..	1 147	859	237	51	743	496	217	30
acres..	18 760	11 384	5 956	1 420	17 834	10 591	5 894	1 349
Irrigated ..... farms..	591	427	139	25	429	283	133	13
acres..	10 808	6 452	3 367	988	10 531	6 209	3 362	960

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 47. **Summary by Type of Organization: 1997**

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

Item	Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, institutional, etc.
FARMS AND LAND IN FARMS									
Farms ..... number..	46 027	40 190	3 778	1 834	1 662	1 632	172	155	225
percent..	100.0	87.3	8.2	4.0	3.6	3.5	.4	.3	.5
Land in farms ..... acres..	9 872 812	7 205 435	1 717 866	884 195	842 331	817 084	41 864	38 612	65 316
Average size of farm ..... acres..	215	179	455	482	507	501	243	249	290
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text) ..... farms..	46 027	40 190	3 778	1 834	1 662	1 632	172	155	225
$1,000..	3 567 825	1 882 502	752 342	907 933	800 881	749 982	107 052	65 771	25 049
Average per farm ..... dollars..	77 516	46 840	199 138	495 056	481 878	459 548	622 393	424 327	111 329
Farms by value of sales:									
Less than $1,000 (see text)	7 756	7 203	326	165	138	137	27	24	62
$1,000 to $2,499	4 801	4 535	189	62	57	57	5	5	15
$2,500 to $4,999	5 049	4 702	241	82	74	71	8	8	24
$5,000 to $9,999	5 800	5 386	273	111	89	87	22	20	30
$10,000 to $19,999	5 602	5 110	363	99	83	83	16	14	30
$20,000 to $24,999	1 611	1 413	140	51	47	46	4	4	7
$25,000 to $39,999	3 136	2 768	276	78	71	69	7	7	14
$40,000 to $49,999	1 336	1 178	108	46	42	41	4	4	4
$50,000 to $99,999	3 663	3 083	393	178	157	156	21	19	9
$100,000 to $249,999	4 008	3 096	602	302	280	277	22	21	8
$250,000 to $499,999	1 954	1 230	456	257	246	244	11	11	11
$500,000 to $999,999	864	366	282	211	203	198	8	7	5
$1,000,000 to $2,499,999	344	104	106	130	121	117	9	7	4
$2,500,000 to $4,999,999	66	12	17	35	31	29	4	2	2
$5,000,000 or more	37	4	6	27	23	20	4	2	–
Grains ..... farms..	19 502	16 684	2 102	640	609	599	31	28	76
$1,000..	1 033 206	713 030	208 060	108 959	106 716	103 194	2 243	2 212	3 156
Sales of $50,000 or more ..... farms..	4 880	3 589	872	405	393	384	12	12	14
$1,000..	838 846	542 349	188 988	104 996	102 983	99 463	2 013	2 013	2 513
Corn for grain ..... farms..	13 864	11 710	1 587	510	485	477	25	24	57
$1,000..	470 240	319 537	98 503	50 577	49 289	47 821	1 288	(D)	1 623
Wheat ..... farms..	8 875	7 335	1 164	347	335	329	12	12	29
$1,000..	89 407	61 954	18 086	9 098	(D)	8 674	(D)	(D)	268
Soybeans ..... farms..	12 516	10 647	1 410	409	390	383	19	17	50
$1,000..	375 311	269 899	75 036	29 215	28 367	27 212	848	(D)	1 161
Sorghum for grain ..... farms..	6	5	–	1	1	1	–	–	–
$1,000..	22	(D)	–	(D)	(D)	(D)	–	–	–
Barley ..... farms..	295	241	32	21	21	21	–	–	1
$1,000..	1 180	(D)	278	168	168	168	–	–	(D)
Oats ..... farms..	1 804	1 579	183	40	39	39	1	1	2
$1,000..	4 311	3 531	631	(D)	(D)	(D)	(D)	(D)	(D)
Other grains ..... farms..	2 667	2 151	305	204	203	201	1	1	7
$1,000..	92 735	57 374	15 526	19 743	(D)	(D)	(D)	(D)	92
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Tobacco ..... farms..	3	2	–	1	1	1	–	–	–
$1,000..	34	(D)	–	(D)	(D)	(D)	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	10 938	9 880	787	223	210	208	13	11	48
$1,000..	83 225	64 612	10 656	7 390	7 108	(D)	282	(D)	566
Sales of $50,000 or more ..... farms..	215	149	39	26	24	24	2	2	1
$1,000..	24 307	13 633	(D)	5 652	(D)	(D)	(D)	(D)	(D)
Vegetables, sweet corn, and melons ..... farms..	2 494	2 074	238	173	161	159	12	12	9
$1,000..	183 645	96 441	33 566	53 514	52 770	(D)	744	744	123
Sales of $50,000 or more ..... farms..	601	382	105	114	109	107	5	5	–
$1,000..	163 037	78 993	31 490	52 554	51 928	(D)	626	626	–
Fruits, nuts, and berries ..... farms..	3 027	2 464	331	215	197	191	18	16	17
$1,000..	231 595	112 980	47 458	68 962	66 420	63 204	2 541	(D)	2 196
Sales of $50,000 or more ..... farms..	925	588	179	150	138	136	12	10	8
$1,000..	204 816	90 139	44 818	67 855	65 399	(D)	2 456	(D)	2 005
Nursery and greenhouse crops ..... farms..	3 548	2 699	297	528	473	468	55	54	24
$1,000..	478 448	115 414	46 169	316 133	263 445	251 208	52 688	(D)	733
Sales of $50,000 or more ..... farms..	894	455	97	340	307	304	33	32	2
$1,000..	453 975	96 408	(D)	313 231	260 833	248 608	52 398	(D)	(D)
Other crops ..... farms..	1 725	1 274	223	209	208	205	1	1	19
$1,000..	189 569	81 197	41 229	66 507	(D)	65 741	(D)	(D)	636
Sales of $50,000 or more ..... farms..	764	462	136	162	162	159	–	–	4
$1,000..	174 245	68 565	39 762	65 390	65 390	64 630	–	–	529
Poultry and poultry products ..... farms..	1 442	1 295	91	43	36	31	7	5	13
$1,000..	169 053	(D)	35 564	101 383	67 898	45 627	33 485	(D)	(D)
Sales of $50,000 or more ..... farms..	99	47	25	26	21	17	5	3	1
$1,000..	167 358	(D)	35 467	101 275	(D)	45 604	(D)	(D)	(D)
Dairy products ..... farms..	3 696	2 773	767	141	140	140	1	1	15
$1,000..	645 713	343 005	217 555	73 922	(D)	(D)	(D)	(D)	11 231
Sales of $50,000 or more ..... farms..	2 645	1 841	665	127	127	127	–	–	12
$1,000..	619 100	319 792	214 629	73 533	73 533	73 533	–	–	11 146
Cattle and calves ..... farms..	14 293	12 442	1 500	305	294	290	11	11	46
$1,000..	276 971	161 835	64 295	48 334	48 071	47 453	263	263	2 506
Sales of $50,000 or more ..... farms..	790	491	203	87	86	83	1	1	9
$1,000..	173 630	77 382	48 645	45 490	(D)	44 691	(D)	(D)	2 113

See footnotes at end of table.

Table 47. **Summary by Type of Organization: 1997**—Con.

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

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stock-holders	Total	10 or less stock-holders	
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)—Con.									
Hogs and pigs ..... farms..	2 690	2 312	272	92	84	79	8	5	14
$1,000..	228 488	134 355	43 886	48 809	39 414	36 401	9 395	1 654	1 437
Sales of $50,000 or more ..... farms..	593	416	111	62	54	49	8	5	4
$1,000..	212 526	120 401	42 115	48 607	39 213	36 199	9 395	1 654	1 402
Sheep, lambs, and wool ..... farms..	1 543	1 414	94	20	18	18	2	2	15
$1,000..	5 911	4 656	1 159	(D)	(D)	(D)	(D)	(D)	(D)
Sales of $50,000 or more ..... farms..	13	10	3	–	–	–	–	–	–
$1,000..	2 178	1 318	860	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	3 625	3 228	202	175	156	153	19	16	20
$1,000..	41 968	24 950	2 743	13 955	8 583	8 569	5 372	1 032	320
Sales of $50,000 or more ..... farms..	127	83	11	31	25	25	6	4	2
$1,000..	24 296	9 930	(D)	12 819	7 574	7 574	5 244	(D)	(D)
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	4 339	3 893	297	128	118	115	10	10	21
$1,000..	28 720	20 638	5 231	2 788	2 506	2 488	282	282	64
FARM PRODUCTION EXPENSES[1]									
Total farm production expenses ..... farms..	46 040	40 265	3 701	1 836	1 635	1 606	201	165	238
$1,000..	2 835 658	1 524 831	580 407	703 837	621 097	576 310	82 741	47 445	26 582
Average per farm ..... dollars..	61 591	37 870	156 824	383 354	379 876	358 848	411 646	287 548	111 689
Livestock and poultry purchased ..... farms..	11 086	9 624	1 048	361	326	316	35	29	53
$1,000..	175 474	91 466	37 474	44 463	36 167	33 735	8 296	864	2 070
Farms with expenses of—									
$1 to $4,999	7 569	6 935	478	125	114	114	11	11	31
$5,000 to $24,999	2 486	2 053	319	102	94	91	8	8	12
$25,000 to $99,999	763	513	174	71	62	60	9	7	5
$100,000 to $249,999	152	78	43	29	26	24	3	3	2
$250,000 or more	116	45	34	34	30	27	4	–	3
Feed for livestock and poultry ..... farms..	17 888	15 660	1 588	570	511	500	59	53	70
$1,000..	414 770	195 922	100 870	111 245	87 927	72 940	23 318	5 025	6 733
Farms with expenses of—									
$1 to $4,999	12 187	11 322	626	210	190	190	20	20	29
$5,000 to $24,999	3 248	2 717	381	136	116	115	20	20	14
$25,000 to $99,999	1 789	1 291	373	106	97	95	9	9	19
$100,000 to $249,999	439	247	138	52	51	48	1	1	2
$250,000 or more	225	83	70	66	57	52	9	3	6
Commercially mixed formula feeds ..... farms..	12 036	10 372	1 236	384	344	335	40	34	44
$1,000..	256 579	106 554	65 247	81 837	60 216	45 595	21 621	3 748	2 942
Farms with expenses of—									
$1 to $4,999	8 440	7 744	532	152	142	142	10	10	12
$5,000 to $24,999	2 191	1 748	332	91	71	71	20	20	20
$25,000 to $99,999	1 088	740	268	74	73	70	1	1	6
$100,000 or more	317	140	104	67	58	52	9	3	6
Seeds, bulbs, plants, and trees ..... farms..	27 224	23 230	2 693	1 205	1 133	1 110	72	70	96
$1,000..	180 800	98 482	34 340	47 335	42 132	40 933	5 203	(D)	643
Farms with expenses of—									
$1 to $999	11 109	10 186	671	198	177	167	21	21	54
$1,000 to $4,999	9 282	8 199	773	289	275	274	14	13	21
$5,000 to $24,999	5 470	4 154	913	391	369	368	22	22	12
$25,000 to $49,999	905	512	226	160	155	153	5	5	7
$50,000 or more	458	179	110	167	157	148	10	9	2
Commercial fertilizer ..... farms..	29 576	25 326	2 786	1 328	1 233	1 217	95	76	136
$1,000..	244 613	158 623	50 807	34 403	33 380	32 234	1 023	957	780
Farms with expenses of—									
$1 to $4,999	20 093	18 171	1 245	565	490	486	75	57	112
$5,000 to $24,999	7 064	5 715	947	388	379	376	9	9	14
$25,000 to $49,999	1 492	968	345	174	166	165	8	7	5
$50,000 or more	927	472	249	201	198	190	3	3	5
Agricultural chemicals ..... farms..	26 238	22 319	2 568	1 214	1 124	1 107	90	72	137
$1,000..	182 494	113 641	37 916	29 885	28 461	27 188	1 424	1 392	1 052
Farms with expenses of—									
$1 to $4,999	18 844	16 969	1 247	521	454	449	67	49	107
$5,000 to $24,999	5 753	4 413	937	382	368	366	14	14	21
$25,000 to $49,999	1 061	684	226	147	142	141	5	5	4
$50,000 or more	580	253	158	164	160	151	4	4	5
Petroleum products ..... farms..	42 348	36 887	3 531	1 723	1 548	1 520	175	149	207
$1,000..	142 449	86 231	27 733	27 645	24 929	23 576	2 716	1 353	840
Farms with expenses of—									
$1 to $4,999	35 797	32 528	2 186	901	768	755	133	113	182
$5,000 to $24,999	5 662	4 002	1 100	543	516	512	27	24	17
$25,000 to $49,999	631	291	169	166	159	156	7	7	5
$50,000 or more	258	66	76	113	105	97	8	5	3
Gasoline and gasohol ..... farms..	34 136	29 718	2 859	1 383	1 241	1 217	142	118	176
$1,000..	35 499	24 115	6 206	4 968	4 663	4 507	305	252	210
Diesel fuel ..... farms..	30 196	25 816	2 907	1 345	1 226	1 207	119	108	128
$1,000..	61 048	38 367	12 773	9 634	9 105	8 742	529	478	275
Natural gas ..... farms..	1 932	1 292	317	304	280	271	24	18	19
$1,000..	17 510	5 438	2 640	9 208	7 734	7 092	1 474	366	225
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	31 611	27 086	2 935	1 472	1 322	1 296	150	126	118
$1,000..	28 391	18 312	6 115	3 835	3 427	3 235	409	258	130

See footnotes at end of table.

Table 47. **Summary by Type of Organization: 1997**—Con.

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

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
FARM PRODUCTION EXPENSES[1]—Con.									
Total farm production expenses—Con.									
Electricity ..... farms..	31 396	26 778	2 904	1 579	1 428	1 401	151	125	135
$1,000..	53 192	29 709	11 439	11 470	10 247	9 338	1 223	850	573
Farms with expenses of—									
$1 to $999	21 800	19 851	1 330	529	460	452	69	50	90
$1,000 to $4,999	7 332	5 775	963	566	531	525	35	35	28
$5,000 to $24,999	2 073	1 111	552	397	358	353	39	36	13
$25,000 to $49,999	118	33	37	46	41	39	5	3	2
$50,000 or more	73	8	22	41	38	32	3	1	2
Hired farm labor ..... farms..	14 481	11 360	1 721	1 319	1 193	1 172	126	121	81
$1,000..	369 145	129 271	66 814	166 783	151 236	137 605	15 547	13 654	6 276
Farms with expenses of—									
$1 to $4,999	8 961	7 882	708	323	268	263	55	55	48
$5,000 to $24,999	2 809	2 075	407	316	299	298	17	17	11
$25,000 to $99,999	2 014	1 208	454	341	314	309	27	24	11
$100,000 to $249,999	471	156	109	202	186	183	16	16	4
$250,000 or more	226	39	43	137	126	119	11	9	7
Workers by days worked:									
150 days or more ..... farms..	6 074	4 103	961	961	892	872	69	65	49
workers..	20 996	8 440	3 904	8 385	7 161	6 528	1 224	1 095	267
Less than 150 days ..... farms..	13 069	10 399	1 509	1 102	981	967	121	116	59
workers..	74 869	44 605	11 931	17 822	15 983	15 637	1 839	1 608	511
Contract labor ..... farms..	3 865	3 015	497	340	293	281	47	30	13
$1,000..	29 043	12 645	4 498	11 817	6 539	6 353	5 278	(D)	84
Farms with expenses of—									
$1 to $999	1 689	1 430	165	93	75	74	18	7	1
$1,000 to $4,999	1 330	1 061	154	111	96	88	15	13	4
$5,000 to $24,999	667	445	135	80	74	73	6	6	7
$25,000 to $49,999	102	50	30	21	20	19	1	1	1
$50,000 or more	77	29	13	35	28	27	7	3	–
Repair and maintenance ..... farms..	37 918	32 815	3 251	1 677	1 499	1 472	178	146	175
$1,000..	209 298	132 390	39 961	35 331	33 034	31 503	2 297	1 795	1 615
Farms with expenses of—									
$1 to $4,999	28 001	25 576	1 647	649	541	531	108	84	129
$5,000 to $24,999	8 308	6 470	1 151	652	595	588	57	52	35
$25,000 to $49,999	1 118	601	301	211	209	206	2	2	5
$50,000 or more	491	168	152	165	154	147	11	8	6
Customwork, machine hire, and rental of machinery and equipment ..... farms..	13 520	11 384	1 387	709	645	626	64	58	40
$1,000..	53 082	30 392	10 704	11 369	10 368	10 128	1 001	898	616
Farms with expenses of—									
$1 to $999	6 439	5 827	463	135	119	109	16	16	14
$1,000 to $4,999	4 866	4 144	468	243	222	220	21	20	11
$5,000 to $24,999	1 896	1 272	380	235	213	210	22	18	9
$25,000 to $49,999	194	100	46	45	42	40	3	2	3
$50,000 or more	125	41	30	51	49	47	2	2	3
Interest ..... farms..	18 209	15 151	1 915	1 103	1 013	992	90	77	40
$1,000..	189 849	118 012	40 375	31 116	27 262	26 636	3 854	3 489	347
Farms with expenses of—									
$1 to $4,999	10 247	9 183	673	362	313	303	49	42	29
$5,000 to $24,999	6 239	4 997	783	454	437	432	17	16	5
$25,000 to $99,999	1 520	905	390	219	199	196	20	17	6
$100,000 or more	203	66	69	68	64	61	4	2	–
Secured by real estate ..... farms..	13 336	11 173	1 401	735	670	653	65	52	27
$1,000..	123 249	79 772	24 839	18 371	15 568	15 099	2 803	2 584	267
Farms with expenses of—									
$1 to $999	1 609	1 430	118	44	41	34	3	2	17
$1,000 to $4,999	5 936	5 363	400	170	135	133	35	28	3
$5,000 to $24,999	4 711	3 772	600	337	327	325	10	7	2
$25,000 to $49,999	762	480	179	100	87	86	13	13	3
$50,000 or more	318	128	104	84	80	75	4	2	2
Not secured by real estate ..... farms..	10 394	8 454	1 247	675	629	619	46	41	18
$1,000..	66 600	38 240	15 536	12 745	11 694	11 537	1 051	904	79
Farms with expenses of—									
$1 to $999	2 926	2 629	201	85	80	80	5	5	11
$1,000 to $4,999	4 434	3 841	382	209	196	193	13	13	2
$5,000 to $24,999	2 502	1 723	506	269	244	238	25	21	4
$25,000 to $49,999	371	207	105	58	58	58	–	–	1
$50,000 or more	161	54	53	54	51	50	3	2	–
Cash rent ..... farms..	12 983	10 531	1 694	732	688	678	44	35	26
$1,000..	162 012	89 540	36 697	35 008	32 602	31 721	2 406	1 488	767
Farms with expenses of—									
$1 to $4,999	7 978	6 982	765	219	196	193	23	16	12
$5,000 to $9,999	1 633	1 322	248	61	60	58	1	1	2
$10,000 to $24,999	1 753	1 298	296	151	147	147	4	3	8
$25,000 or more	1 619	929	385	301	285	280	16	15	4
Property taxes ..... farms..	43 608	38 357	3 445	1 603	1 414	1 388	189	153	203
$1,000..	114 049	84 383	17 267	11 660	10 699	10 309	961	627	739
Farms with expenses of—									
$1 to $4,999	38 646	35 107	2 445	927	777	764	150	132	167
$5,000 to $9,999	3 399	2 434	558	386	362	358	24	9	21
$10,000 to $24,999	1 308	730	361	207	197	196	10	8	10
$25,000 or more	255	86	81	83	78	70	5	4	5
All other farm production expenses ..... farms..	40 748	35 305	3 489	1 787	1 606	1 579	181	162	167
$1,000..	315 391	154 125	63 510	94 306	86 113	82 111	8 193	5 410	3 449
Farms with expenses of—									
$1 to $4,999	32 337	29 324	2 047	841	717	709	124	112	125
$5,000 to $24,999	6 142	4 807	865	449	420	415	29	28	21
$25,000 to $49,999	1 164	724	253	178	167	162	11	10	9
$50,000 to $99,999	694	328	191	172	165	163	7	5	3
$100,000 or more	411	122	133	147	137	130	10	7	9

See footnotes at end of table.

Table 47. **Summary by Type of Organization: 1997**—Con.

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

Item	Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, institutional, etc.
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]									
All farms ..... number..	46 040	40 265	3 701	1 836	1 635	1 606	201	165	238
$1,000..	686 891	335 010	154 922	199 403	174 691	168 841	24 711	18 344	–2 444
Average per farm ..... dollars..	14 919	8 320	41 859	108 607	106 845	105 131	122 941	111 175	–10 269
Farms with net gains[2] ..... number..	21 612	17 991	2 295	1 222	1 111	1 095	111	94	104
Average net gain ..... dollars..	40 859	26 589	76 822	183 842	178 295	172 989	239 367	212 502	35 744
Gain of—									
Less than $1,000	2 498	2 331	103	48	33	33	15	15	16
$1,000 to $9,999	8 196	7 436	505	202	183	178	19	19	53
$10,000 to $49,999	6 919	5 737	794	367	331	330	36	25	21
$50,000 or more	3 999	2 487	893	605	564	554	41	35	14
Farms with net losses ..... number..	24 428	22 274	1 406	614	524	511	90	71	134
Average net loss ..... dollars..	8 029	6 436	15 209	41 128	44 645	40 279	20 651	22 975	45 980
Loss of—									
Less than $1,000	3 584	3 345	170	60	48	48	12	8	9
$1,000 to $9,999	16 745	15 562	814	290	240	233	50	37	79
$10,000 to $49,999	3 750	3 159	360	196	180	178	16	16	35
$50,000 or more	349	208	62	68	56	52	12	10	11
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments ..... farms..	18 851	16 119	1 962	678	637	626	41	38	92
$1,000..	92 806	65 717	17 978	8 613	8 355	8 199	259	256	498
Other farm-related income[1] ..... farms..	11 609	10 047	1 066	454	425	417	29	28	42
$1,000..	61 699	44 964	8 663	7 465	7 292	7 133	173	(D)	607
Customwork and other agricultural services ..... farms..	3 312	2 747	380	176	165	162	11	11	9
$1,000..	22 647	14 952	3 870	3 793	3 710	3 667	82	82	32
Gross cash rent or share payments ..... farms..	4 372	3 955	273	116	103	98	13	12	28
$1,000..	19 279	15 388	2 083	1 608	1 557	1 465	51	(D)	200
Forest products, excluding Christmas trees and maple products ..... farms..	1 494	1 337	102	46	43	42	3	3	9
$1,000..	10 013	8 248	1 092	576	(D)	(D)	(D)	(D)	97
Other farm-related income sources ..... farms..	4 791	3 924	612	241	237	236	4	4	14
$1,000..	9 761	6 377	1 618	1 489	(D)	(D)	(D)	(D)	278
COMMODITY CREDIT CORPORATION LOANS									
Total ..... farms..	1 587	1 229	267	85	83	82	2	2	6
$1,000..	51 618	31 545	15 032	(D)	(D)	(D)	(D)	(D)	(D)
Corn ..... farms..	1 322	1 009	233	74	73	72	1	1	6
$1,000..	33 325	19 332	10 285	(D)	(D)	(D)	(D)	(D)	(D)
Wheat ..... farms..	377	300	58	15	14	14	1	1	4
$1,000..	2 101	1 505	486	109	(D)	(D)	(D)	(D)	1
Soybeans ..... farms..	489	390	76	21	21	20	–	–	2
$1,000..	16 104	10 654	4 245	(D)	(D)	(D)	–	–	(D)
Sorghum, barley, and oats ..... farms..	60	49	7	4	3	3	1	1	–
$1,000..	(D)	55	16	(D)	(D)	(D)	(D)	(D)	–
Cotton ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	1	–	–	1	–	–	1	1	–
$1,000..	(D)	–	–	(D)	–	–	(D)	(D)	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE									
Total cropland ..... farms..	43 017	37 547	3 580	1 687	1 543	1 519	144	134	203
acres..	7 891 802	5 640 579	1 468 199	744 453	715 237	694 732	29 216	27 195	38 571
Harvested cropland ..... farms..	37 941	32 900	3 322	1 555	1 437	1 416	118	112	164
acres..	6 724 480	4 681 826	1 334 019	679 197	654 787	635 767	24 410	23 285	29 438
Farms by acres harvested:									
1 to 49 acres	17 921	16 321	877	636	567	558	69	67	87
50 to 99 acres	6 342	5 775	411	122	103	103	19	17	34
100 to 199 acres	5 247	4 593	490	146	138	138	8	7	18
200 to 499 acres	4 915	3 977	701	227	216	215	11	11	10
500 to 999 acres	2 289	1 585	498	197	191	189	6	5	9
1,000 to 1,999 acres	950	545	242	159	156	149	3	3	4
2,000 acres or more	277	104	103	68	66	64	2	2	2
Cropland:									
Pasture or grazing only ..... farms..	14 850	13 319	1 130	344	315	311	29	27	57
acres..	481 259	400 240	58 651	18 999	17 802	17 327	1 197	(D)	3 369
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	5 423	4 745	440	201	181	176	20	19	37
acres..	197 004	160 091	22 934	11 996	11 139	10 769	857	(D)	1 983
On which all crops failed ..... farms..	1 772	1 542	165	58	50	50	8	6	7
acres..	39 640	30 923	5 393	3 243	2 959	2 959	284	(D)	81
In cultivated summer fallow ..... farms..	2 749	2 391	260	86	79	79	7	7	12
acres..	73 243	56 807	9 838	6 067	5 446	5 446	621	621	531
Idle ..... farms..	10 334	9 035	817	423	384	377	39	35	59
acres..	376 176	310 692	37 364	24 951	23 104	22 464	1 847	1 288	3 169
Total woodland ..... farms..	24 314	21 375	2 090	727	675	661	52	47	122
acres..	1 142 688	914 622	138 335	72 311	65 553	63 082	6 758	6 614	17 420
Woodland pastured ..... farms..	4 658	4 140	389	110	105	103	5	5	19
acres..	151 171	124 645	15 634	9 920	9 780	(D)	140	140	972
Woodland not pastured ..... farms..	22 014	19 308	1 917	675	626	613	49	44	114
acres..	991 517	789 977	122 701	62 391	55 773	(D)	6 618	6 474	16 448

See footnotes at end of table.

Table 47. **Summary by Type of Organization: 1997**—Con.

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

Item	Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, institutional, etc.
LAND IN FARMS ACCORDING TO USE—Con.									
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	5 876	5 169	472	211	191	188	20	20	24
acres..	187 975	144 700	25 920	15 998	15 272	15 174	726	726	1 357
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	32 389	28 501	2 515	1 214	1 102	1 078	112	97	159
acres..	650 347	505 534	85 412	51 433	46 269	44 096	5 164	4 077	7 968
Irrigated land ..... farms..	3 752	2 709	426	595	548	538	47	46	22
acres..	393 485	221 494	76 853	88 935	80 989	78 453	7 946	(D)	6 203
Harvested cropland irrigated ..... farms..	3 669	2 637	419	592	546	536	46	45	21
acres..	390 636	219 989	(D)	87 953	(D)	(D)	(D)	(D)	(D)
Pasture and other land irrigated ..... farms..	161	128	12	19	17	17	2	2	2
acres..	2 849	1 505	(D)	982	(D)	(D)	(D)	(D)	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	5 251	4 718	375	116	105	103	11	10	42
acres..	287 081	253 791	21 649	8 674	8 154	(D)	520	(D)	2 967
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings ..... farms..	46 040	40 265	3 701	1 836	1 635	1 606	201	165	238
$1,000..	16 489 949	11 956 190	2 669 489	1 736 434	1 618 710	1 569 403	117 724	103 818	127 837
Average per farm ..... dollars..	358 166	296 938	721 288	945 770	990 036	977 213	585 692	629 199	537 129
Average per acre ..... dollars..	1 671	1 655	1 579	1 955	1 903	1 898	3 114	3 083	1 967
Farms by value group:									
$1 to $39,999	2 925	2 602	206	93	58	57	35	27	24
$40,000 to $69,999	3 781	3 497	193	78	68	68	10	10	13
$70,000 to $99,999	4 603	4 233	279	58	47	47	11	10	33
$100,000 to $149,999	7 553	7 080	315	138	110	100	28	22	20
$150,000 to $199,999	5 941	5 494	290	122	105	104	17	17	35
$200,000 to $499,999	13 173	11 615	984	496	446	443	50	32	78
$500,000 to $999,999	4 701	3 696	651	344	319	318	25	24	10
$1,000,000 to $1,999,999	2 280	1 506	480	284	267	261	17	17	10
$2,000,000 to $4,999,999	921	492	247	171	166	162	5	3	11
$5,000,000 or more	162	50	56	52	49	46	3	3	4
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment ..... farms..	46 039	40 264	3 701	1 836	1 635	1 606	201	165	238
$1,000..	3 055 199	2 176 350	492 553	368 546	346 639	332 341	21 907	20 186	17 751
Farms by value group:									
$1 to $4,999	3 530	3 280	145	74	57	57	17	11	31
$5,000 to $9,999	5 476	5 080	268	96	77	76	19	12	32
$10,000 to $19,999	8 759	7 960	493	242	201	192	41	41	64
$20,000 to $49,999	12 691	11 558	785	302	255	252	47	34	46
$50,000 to $99,999	7 258	6 334	646	242	212	210	30	26	36
$100,000 to $199,999	4 553	3 695	525	325	299	297	26	22	8
$200,000 to $499,999	3 116	2 070	655	377	359	354	18	16	14
$500,000 or more	656	287	184	178	175	168	3	3	7
SELECTED MACHINERY AND EQUIPMENT[1]									
Motortrucks, including pickups ..... farms..	39 295	34 117	3 359	1 636	1 456	1 429	180	144	183
number..	76 320	60 238	9 361	6 305	5 858	5 666	447	381	416
Wheel tractors ..... farms..	42 549	37 203	3 451	1 672	1 498	1 469	174	138	223
number..	115 020	95 870	12 320	6 307	5 768	5 617	539	437	523
Less than 40 horsepower (PTO) ..... farms..	24 842	21 837	1 902	955	857	838	98	80	148
number..	38 792	33 560	3 161	1 888	1 731	1 689	157	125	183
40 horsepower (PTO) or more ..... farms..	33 633	29 374	2 834	1 280	1 165	1 139	115	86	145
number..	76 228	62 310	9 159	4 419	4 037	3 928	382	312	340
40 to 99 horsepower (PTO) ..... farms..	30 648	26 786	2 595	1 139	1 031	1 016	108	81	128
number..	52 624	44 195	5 438	2 760	2 423	2 358	337	282	231
100 horsepower (PTO) or more ..... farms..	13 905	11 616	1 610	604	576	557	28	19	75
number..	23 604	18 115	3 721	1 659	1 614	1 570	45	30	109
Grain and bean combines ..... farms..	14 570	12 336	1 652	529	525	517	4	3	53
number..	17 075	14 282	2 025	703	697	688	6	(D)	65
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	17 162	15 228	1 431	426	403	398	23	17	77
number..	18 578	16 430	1 596	469	445	440	24	18	83
Pickup balers ..... farms..	16 864	15 057	1 370	375	363	358	12	12	62
number..	20 995	18 591	1 840	488	474	469	14	14	76
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer ..... farms..	29 377	25 155	2 763	1 323	1 228	1 212	95	76	136
acres on which used..	5 612 394	3 840 205	1 138 487	611 462	595 844	580 281	15 618	14 384	22 240
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ..... farms..	9 816	7 716	1 207	837	784	776	53	42	56
acres on which used..	1 252 567	755 540	275 969	213 257	204 126	200 488	9 131	8 812	7 801
Nematodes in crops ..... farms..	1 010	804	115	83	80	77	3	3	8
acres on which used..	122 416	78 559	(D)	20 203	20 179	19 959	24	24	(D)
Diseases in crops and orchards ..... farms..	4 101	3 132	490	444	409	403	35	24	35
acres on which used..	369 437	198 438	70 626	98 466	93 033	89 650	5 433	5 114	1 907
Weeds, grass, or brush in crops and pasture ..... farms..	20 327	17 317	2 009	913	869	855	44	32	88
acres on which used..	4 321 549	3 010 146	825 571	467 330	454 597	439 080	12 733	12 399	18 502
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	1 391	1 003	238	133	132	127	1	1	17
acres on which used..	129 348	67 630	32 458	29 060	(D)	26 279	(D)	(D)	200

See footnotes at end of table.

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Table 47. **Summary by Type of Organization: 1997**—Con.

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

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
					Family held		Other than family held		
				Total	Total	10 or less stock-holders	Total	10 or less stock-holders	
TENURE AND RACE OF OPERATOR									
All operators	46 027	40 190	3 778	1 834	1 662	1 632	172	155	225
Full owners	27 933	25 172	1 640	955	840	821	115	102	166
Part owners	15 497	13 020	1 831	609	580	572	29	25	37
Tenants	2 597	1 998	307	270	242	239	28	28	22
White	45 708	39 904	3 761	1 818	1 649	1 619	169	152	225
Full owners	27 694	24 956	1 627	945	833	814	112	99	166
Part owners	15 427	12 959	1 827	604	575	567	29	25	37
Tenants	2 587	1 989	307	269	241	238	28	28	22
Black and other races	319	286	17	16	13	13	3	3	–
Full owners	239	216	13	10	7	7	3	3	–
Part owners	70	61	4	5	5	5	–	–	–
Tenants	10	9	–	1	1	1	–	–	–
OWNED AND RENTED LAND									
Land owned farms	43 517	38 267	3 479	1 565	1 421	1 394	144	127	206
acres	6 511 133	4 984 516	982 391	484 613	456 059	440 544	28 554	26 172	59 613
Owned land in farms farms	43 430	38 192	3 471	1 564	1 420	1 393	144	127	203
acres	6 054 109	4 613 667	939 730	444 145	418 652	404 774	25 493	23 253	56 567
Land rented or leased from others farms	18 234	15 129	2 160	884	827	816	57	53	61
acres	3 852 924	2 616 544	782 236	444 132	427 679	416 310	16 453	(D)	10 012
landlords	66 298	50 692	11 088	4 333	4 070	3 985	263	241	185
Rented or leased land in farms farms	18 094	15 018	2 138	879	822	811	57	53	59
acres	3 818 703	2 591 768	778 136	440 050	423 679	412 310	16 371	15 359	8 749
Land rented or leased to others farms	6 290	5 573	450	221	200	189	21	19	46
acres	491 245	395 625	46 761	44 550	41 407	39 770	3 143	(D)	4 309
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	37 077	33 179	2 691	1 087	1 038	1 026	49	45	120
Not on farm operated	6 043	4 582	784	585	473	460	112	100	92
Not reported	2 907	2 429	303	162	151	146	11	10	13
Operators by principal occupation:									
Farming	22 043	18 274	2 444	1 225	1 145	1 125	80	74	100
Other	23 984	21 916	1 334	609	517	507	92	81	125
Operators by days worked off farm:									
None	17 964	14 845	1 964	1 031	951	937	80	72	124
Any	25 906	23 508	1 596	705	619	609	86	78	97
1 to 99 days	3 489	3 011	288	166	146	143	20	19	24
100 to 199 days	3 849	3 434	274	132	116	114	16	14	9
200 days or more	18 568	17 063	1 034	407	357	352	50	45	64
Not reported	2 157	1 837	218	98	92	86	6	5	4
Operators by years on present farm:									
2 years or less	1 810	1 591	130	75	57	57	18	16	14
3 or 4 years	2 532	2 237	181	92	84	84	8	8	22
5 to 9 years	5 715	5 080	381	221	189	188	32	30	33
10 years or more	28 751	25 096	2 404	1 135	1 046	1 025	89	80	116
Average years on present farm	21.6	21.4	24.0	19.9	20.5	20.4	14.4	14.4	20.1
Not reported	7 219	6 186	682	311	286	278	25	21	40
Operators by age group:									
Under 25 years	459	411	37	10	10	10	–	–	1
25 to 34 years	3 114	2 723	255	118	105	103	13	12	18
35 to 44 years	9 770	8 514	798	421	382	378	39	37	37
45 to 49 years	5 906	5 137	423	325	291	284	34	27	21
50 to 54 years	5 978	5 248	443	264	225	222	39	35	23
55 to 59 years	5 598	4 912	418	232	221	216	11	9	36
60 to 64 years	4 812	4 222	386	179	164	160	15	15	25
65 to 69 years	3 901	3 367	388	128	118	115	10	10	18
70 years and over	6 489	5 656	630	157	146	144	11	10	46
Average age	53.3	53.3	54.1	51.3	51.5	51.5	50.1	50.1	56.1
Operators by sex:									
Male	42 094	36 688	3 557	1 661	1 508	1 480	153	137	188
Female	3 933	3 502	221	173	154	152	19	18	37
Operators of Spanish, Hispanic, or Latino origin (see text)	280	244	24	12	12	12	–	–	–
FARMS BY TYPE OF ORGANIZATION									
Individual or family (sole proprietorship) farms	40 190	40 190	–	–	–	–	–	–	–
acres	7 205 435	7 205 435	–	–	–	–	–	–	–
Partnership farms	3 778	–	3 778	–	–	–	–	–	–
acres	1 717 866	–	1 717 866	–	–	–	–	–	–
Corporation:									
Family held farms	1 662	–	–	1 662	1 662	1 632	–	–	–
acres	842 331	–	–	842 331	842 331	817 084	–	–	–
More than 10 stockholders farms	30	–	–	30	30	–	–	–	–
10 or less stockholders farms	1 632	–	–	1 632	1 632	1 632	–	–	–
Other than family held farms	172	–	–	172	–	–	172	155	–
acres	41 864	–	–	41 864	–	–	41 864	38 612	–
More than 10 stockholders farms	17	–	–	17	–	–	17	–	–
10 or less stockholders farms	155	–	–	155	–	–	155	155	–
Other—cooperative, estate or trust, institutional, etc. farms	225	–	–	–	–	–	–	–	225
acres	65 316	–	–	–	–	–	–	–	65 316

See footnotes at end of table.

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

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
INJURIES AND DEATHS									
Farm-related injuries:									
Operator and family members ..... farms..	448	367	54	24	23	22	1	1	3
number..	503	406	65	26	(D)	(D)	(D)	(D)	6
Hired workers ..... farms..	364	157	79	114	107	100	7	6	14
number..	554	190	120	216	205	190	11	(D)	28
Farm-related deaths:									
Operator and family members ..... farms..	7	4	2	1	1	1	–	–	–
number..	7	(D)	(D)	(D)	(D)	(D)	–	–	–
Hired workers ..... farms..	4	1	–	2	2	2	–	–	1
number..	4	(D)	–	(D)	(D)	(D)	–	–	(D)
FARMS BY SIZE									
1 to 9 acres	2 611	2 231	148	217	186	181	31	28	15
10 to 49 acres	12 075	11 073	566	388	340	336	48	43	48
50 to 69 acres	3 563	3 252	196	92	85	83	7	5	23
70 to 99 acres	5 801	5 345	326	104	91	89	13	11	26
100 to 139 acres	4 572	4 175	263	107	90	90	17	16	27
140 to 179 acres	3 503	3 136	267	81	77	74	4	4	19
180 to 219 acres	2 401	2 141	183	63	58	57	5	5	14
220 to 259 acres	1 683	1 465	151	61	46	46	15	13	6
260 to 499 acres	4 905	4 106	598	182	170	170	12	12	19
500 to 999 acres	3 201	2 318	612	259	250	248	9	9	12
1,000 to 1,999 acres	1 338	792	340	194	185	177	9	7	12
2,000 acres or more	374	156	128	86	84	81	2	2	4
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM									
Oilseed and grain farming (1111)	16 307	14 482	1 349	390	358	354	32	28	86
Vegetable and melon farming (1112)	1 428	1 179	132	112	102	100	10	10	5
Fruit and tree nut farming (1113)	2 668	2 182	273	193	176	170	17	15	20
Greenhouse, nursery, and floriculture production (1114)	3 054	2 292	255	490	438	435	52	51	17
Other crop farming (1119)	6 191	5 719	313	129	122	121	7	7	30
Tobacco farming (11191)	–	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	6 191	5 719	313	129	122	121	7	7	30
Beef cattle ranching and farming (112111)	4 765	4 431	268	53	49	47	4	4	13
Cattle feedlots (112112)	1 791	1 647	105	30	29	28	1	1	9
Dairy cattle and milk production (11212)	3 177	2 371	676	118	117	117	1	1	12
Hog and pig farming (1122)	1 178	999	125	52	45	41	7	4	2
Poultry and egg production (1123)	400	326	40	32	26	22	6	4	2
Sheep and goat farming (1124)	681	648	25	7	7	7	–	–	1
Animal aquaculture and other animal production (1125, 1129)	4 387	3 914	217	228	193	190	35	30	28
LIVESTOCK									
Cattle and calves inventory ..... farms..	15 468	13 560	1 547	309	299	296	10	10	52
number..	1 025 702	660 623	261 252	93 295	92 944	92 142	351	351	10 532
Farms with—									
1 to 9	3 913	3 685	181	32	29	29	3	3	15
10 to 49	6 732	6 224	421	68	64	64	4	4	19
50 to 99	2 148	1 888	222	35	32	31	3	3	3
100 to 199	1 497	1 139	295	63	63	62	–	–	–
200 to 499	955	550	331	64	64	64	–	–	10
500 or more	223	74	97	47	47	46	–	–	5
Cows and heifers that had calved ..... farms..	11 140	9 686	1 207	212	209	207	3	3	35
number..	417 040	270 658	108 525	33 391	33 334	(D)	57	57	4 466
Beef cows ..... farms..	7 566	6 965	492	87	85	83	2	2	22
number..	116 399	100 256	11 844	3 637	(D)	(D)	(D)	(D)	662
Farms with—									
1 to 9	3 880	3 659	176	32	31	31	1	1	13
10 to 49	3 289	2 993	253	38	37	36	1	1	5
50 to 99	304	248	46	9	9	9	–	–	1
100 to 199	79	57	15	4	4	3	–	–	3
200 to 499	11	6	2	3	3	3	–	–	–
500 or more	3	2	–	1	1	1	–	–	–
Milk cows ..... farms..	3 990	3 056	777	140	139	139	1	1	17
number..	300 641	170 402	96 681	29 754	(D)	(D)	(D)	(D)	3 804
Farms with—									
1 to 4	334	315	13	4	4	4	–	–	2
5 to 9	154	142	10	2	2	2	–	–	–
10 to 49	1 493	1 320	155	14	13	13	1	1	4
50 to 99	1 048	785	221	39	39	39	–	–	3
100 to 199	714	405	263	42	42	42	–	–	4
200 to 499	208	81	98	27	27	27	–	–	2
500 or more	39	8	17	12	12	12	–	–	2
Heifers and heifer calves ..... farms..	10 594	9 159	1 187	216	213	211	3	3	32
number..	321 816	201 323	88 634	27 860	(D)	(D)	(D)	(D)	3 999
Steers, steer calves, bulls, and bull calves ..... farms..	12 981	11 369	1 306	259	250	247	9	9	47
number..	286 846	188 642	64 093	32 044	(D)	31 352	(D)	(D)	2 067

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				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
LIVESTOCK—Con.									
Cattle and calves sold ..... farms..	14 293	12 442	1 500	305	294	290	11	11	46
number..	537 681	326 763	134 910	70 850	70 372	69 546	478	478	5 158
$1,000..	276 971	161 835	64 295	48 334	48 071	47 453	263	263	2 506
Calves ..... farms..	6 739	5 778	772	165	160	160	5	5	24
number..	171 501	106 570	52 236	11 121	11 004	11 004	117	117	1 574
$1,000..	27 547	19 948	5 728	1 752	(D)	(D)	(D)	(D)	119
Cattle ..... farms..	11 752	10 194	1 267	253	247	243	6	6	38
number..	366 180	220 193	82 674	59 729	59 368	58 542	361	361	3 584
$1,000..	249 424	141 887	58 567	46 583	(D)	(D)	(D)	(D)	2 387
Fattened on grain and concentrates .... farms..	4 729	4 089	498	121	118	116	3	3	21
number..	210 652	109 378	50 162	49 235	(D)	(D)	(D)	(D)	1 877
$1,000..	164 956	82 342	40 922	40 304	(D)	(D)	(D)	(D)	1 387
Hogs and pigs inventory ..... farms..	2 853	2 461	283	89	80	75	9	6	20
number..	1 032 014	600 583	214 750	210 735	176 800	161 005	33 935	6 931	5 946
Farms with—									
1 to 24	1 424	1 295	99	16	15	15	1	1	14
25 to 49	248	221	22	5	5	5	–	–	–
50 to 99	274	247	22	3	3	3	–	–	2
100 to 199	226	196	26	3	2	2	1	1	1
200 to 499	265	226	26	13	13	13	–	–	–
500 or more	416	276	88	49	42	37	7	4	3
Used or to be used for breeding ..... farms..	1 524	1 296	172	44	37	34	7	5	12
number..	129 404	71 629	27 260	29 721	25 881	23 201	3 840	(D)	794
Other ..... farms..	2 673	2 308	264	86	77	72	9	6	15
number..	902 610	528 954	187 490	181 014	150 919	137 804	30 095	(D)	5 152
Hogs and pigs sold..... farms..	2 690	2 312	272	92	84	79	8	5	14
number..	2 206 940	1 208 781	394 218	592 444	429 025	369 340	163 419	18 639	11 497
$1,000..	228 488	134 355	43 886	48 809	39 414	36 401	9 395	1 654	1 437
Feeder pigs ..... farms..	481	412	44	20	17	15	3	2	5
number..	358 029	105 562	(D)	191 717	(D)	(D)	(D)	(D)	(D)
$1,000..	13 272	4 776	(D)	5 493	(D)	(D)	(D)	(D)	(D)
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30 .... farms..	1 604	1 370	176	46	39	36	7	5	12
number..	194 794	106 594	37 006	49 851	41 895	35 525	7 956	(D)	1 343
Dec. 1 and May 31..... farms..	1 476	1 249	171	45	38	35	7	5	11
number..	97 977	56 131	17 938	23 235	19 399	16 214	3 836	(D)	673
June 1 and Nov. 30 ..... farms..	1 346	1 142	153	43	36	33	7	5	8
number..	96 817	50 463	19 068	26 616	22 496	19 311	4 120	(D)	670
Sheep and lambs of all ages inventory..... farms..	1 628	1 493	94	25	23	23	2	2	16
number..	72 107	61 039	9 496	855	(D)	(D)	(D)	(D)	717
Ewes 1 year old or older ..... farms..	1 379	1 264	84	19	17	17	2	2	12
number..	36 241	32 792	2 847	350	(D)	(D)	(D)	(D)	252
Sheep and lambs sold..... farms..	1 436	1 314	91	16	14	14	2	2	15
number..	77 146	55 636	20 473	501	(D)	(D)	(D)	(D)	536
Sheep and lambs shorn ..... farms..	1 257	1 165	67	15	13	13	2	2	10
number..	61 122	49 916	10 187	447	(D)	(D)	(D)	(D)	572
pounds of wool..	431 678	357 809	67 330	3 273	(D)	(D)	(D)	(D)	3 266
Horses and ponies inventory ..... farms..	9 090	8 303	457	284	255	251	29	26	46
number..	66 201	54 835	4 098	6 260	5 358	5 302	902	802	1 008
Horses and ponies sold..... farms..	2 482	2 223	129	115	105	103	10	9	15
number..	9 646	7 025	715	1 787	1 740	(D)	47	(D)	119
Goats inventory ..... farms..	1 245	1 143	61	28	24	24	4	4	13
number..	10 603	10 051	344	107	90	90	17	17	101
Goats sold ..... farms..	371	337	27	5	5	5	–	–	2
number..	4 168	3 983	(D)	40	40	40	–	–	(D)
POULTRY									
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	2 276	2 116	108	38	34	31	4	4	14
number..	6 043 468	1 614 272	1 388 719	3 038 611	(D)	(D)	(D)	(D)	1 866
Farms with—									
1 to 399	2 216	2 079	96	28	25	25	3	3	13
400 to 3,199	25	20	4	–	–	–	–	–	1
3,200 to 9,999.....	3	2	1	–	–	–	–	–	–
10,000 to 19,999	3	2	–	1	1	–	–	–	–
20,000 to 49,999	9	6	2	1	1	1	–	–	–
50,000 to 99,999	5	2	2	1	1	1	–	–	–
100,000 or more	15	5	3	7	6	4	1	1	–
Layers 20 weeks old and older ..... farms..	2 205	2 050	105	36	32	29	4	4	14
number..	4 928 067	1 292 711	1 297 388	2 336 102	(D)	1 337 113	(D)	(D)	1 866
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	370	349	13	8	8	7	–	–	–
number..	1 115 401	321 561	91 331	702 509	702 509	(D)	–	–	–
Layers, pullets, and pullet chicks sold (see text)..... farms..	299	266	21	12	10	7	2	2	–
number..	4 494 476	1 835 519	554 436	2 104 521	(D)	1 774 579	(D)	(D)	–
Broilers and other meat-type chickens sold .. farms..	336	306	18	2	2	2	–	–	10
number..	393 028	386 582	4 756	(D)	(D)	(D)	–	–	(D)
Farms with—									
1 to 1,999.....	327	297	18	2	2	2	–	–	10
2,000 to 59,999.....	7	7	–	–	–	–	–	–	–
60,000 to 99,999	1	1	–	–	–	–	–	–	–
100,000 or more	1	1	–	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	185	169	11	3	3	3	–	–	2
number..	(D)	609	25	(D)	(D)	(D)	–	–	(D)
Turkeys sold ..... farms..	241	207	19	14	10	9	4	2	1
number..	6 480 843	(D)	1 896 608	3 456 709	1 378 626	(D)	2 078 083	(D)	(D)

See footnotes at end of table.

Table 47. **Summary by Type of Organization: 1997**—Con.

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

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
SELECTED CROPS HARVESTED									
Corn for grain or seed ..... farms..	16 712	14 078	1 981	588	563	554	25	24	65
acres..	2 122 283	1 441 126	459 482	212 827	207 443	200 835	5 384	(D)	8 848
bushels..	238 319 129	158 706 471	52 862 140	25 885 718	25 266 888	24 515 790	618 830	(D)	864 800
Irrigated ..... farms..	780	554	150	70	68	64	2	2	6
acres..	164 236	103 466	35 415	(D)	(D)	21 154	(D)	(D)	(D)
Farms by acres harvested:									
1 to 24 acres	4 915	4 545	300	46	39	39	7	7	24
25 to 99 acres	6 160	5 472	571	94	91	91	3	3	23
100 to 249 acres	3 298	2 560	553	175	166	165	9	8	10
250 to 499 acres	1 485	1 027	320	134	130	128	4	4	4
500 acres or more	854	474	237	139	137	131	2	2	4
Corn for silage or green chop ..... farms..	4 817	3 785	848	164	162	161	2	2	20
acres..	279 786	165 660	82 355	27 903	(D)	(D)	(D)	(D)	3 868
tons, green..	4 001 045	2 278 583	1 232 669	430 360	(D)	(D)	(D)	(D)	59 433
Irrigated ..... farms..	94	49	34	9	9	9	–	–	2
acres..	6 165	(D)	2 848	733	733	733	–	–	(D)
Farms by acres harvested:									
1 to 24 acres	2 012	1 814	168	24	24	24	–	–	6
25 to 99 acres	1 995	1 549	385	57	56	55	1	1	4
100 to 249 acres	665	370	232	58	58	58	–	–	5
250 to 499 acres	106	42	48	12	12	12	–	–	4
500 acres or more	39	10	15	13	12	12	1	1	1
Wheat for grain ..... farms..	8 976	7 428	1 171	348	336	330	12	12	29
acres..	499 742	354 051	99 124	45 154	44 463	42 907	691	691	1 413
bushels..	28 432 159	19 733 014	5 774 807	2 838 888	2 807 912	2 710 167	30 976	30 976	85 450
Irrigated ..... farms..	65	39	13	13	13	13	–	–	–
acres..	7 737	3 515	1 551	2 671	2 671	2 671	–	–	–
Farms by acres harvested:									
1 to 24 acres	3 781	3 394	330	45	43	41	2	2	12
25 to 99 acres	3 821	3 151	511	148	141	141	7	7	11
100 to 249 acres	1 107	735	254	112	109	108	3	3	6
250 to 499 acres	217	131	54	32	32	30	–	–	–
500 acres or more	50	17	22	11	11	10	–	–	–
Oats for grain ..... farms..	3 707	3 211	412	78	76	76	2	2	6
acres..	77 588	62 744	12 344	2 414	(D)	(D)	(D)	(D)	86
bushels..	4 624 435	3 705 018	766 014	149 725	(D)	(D)	(D)	(D)	3 678
Irrigated ..... farms..	18	14	4	–	–	–	–	–	–
acres..	727	502	225	–	–	–	–	–	–
Soybeans for beans ..... farms..	12 561	10 689	1 413	409	390	383	19	17	50
acres..	1 694 872	1 249 328	322 616	117 232	112 352	108 126	4 880	(D)	5 696
bushels..	62 242 411	45 036 826	12 371 619	4 639 414	4 473 996	4 303 716	165 418	(D)	194 552
Irrigated ..... farms..	384	284	66	32	31	31	1	1	2
acres..	47 518	32 684	7 805	(D)	(D)	(D)	(D)	(D)	(D)
Farms by acres harvested:									
1 to 24 acres	2 590	2 368	169	33	31	31	2	2	20
25 to 99 acres	5 353	4 751	474	109	101	101	8	6	19
100 to 249 acres	2 728	2 220	397	107	103	102	4	4	4
250 to 499 acres	1 213	926	189	92	89	86	3	3	6
500 acres or more	677	424	184	68	66	63	2	2	1
Dry edible beans, excluding dry limas ..... farms..	2 172	1 749	237	182	182	180	–	–	4
acres..	302 767	193 079	(D)	61 747	61 747	(D)	–	–	(D)
cwt..	4 878 076	3 045 291	(D)	1 054 916	1 054 916	(D)	–	–	(D)
Irrigated ..... farms..	86	68	7	10	10	10	–	–	1
acres..	11 390	8 179	(D)	1 376	1 376	1 376	–	–	(D)
Farms by acres harvested:									
1 to 24 acres	378	337	36	4	4	4	–	–	1
25 to 99 acres	859	774	59	24	24	24	–	–	2
100 to 249 acres	569	437	71	61	61	61	–	–	–
250 to 499 acres	266	166	46	53	53	52	–	–	1
500 acres or more	100	35	25	40	40	39	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	328	234	49	37	37	37	–	–	8
acres..	44 931	14 784	13 200	16 920	16 920	16 920	–	–	28
cwt..	13 632 901	4 019 436	3 807 721	5 798 511	5 798 511	5 798 511	–	–	7 233
Irrigated ..... farms..	175	115	26	31	31	31	–	–	3
acres..	33 519	10 042	8 416	15 041	15 041	15 041	–	–	20
Farms by acres harvested:									
0.1 to 4.9 acres	125	111	5	2	2	2	–	–	7
5.0 to 24.9 acres	43	33	6	3	3	3	–	–	1
25.0 to 99.9 acres	62	45	10	7	7	7	–	–	–
100.0 to 249.9 acres	49	29	14	6	6	6	–	–	–
250.0 acres or more	49	16	14	19	19	19	–	–	–
Sugar beets for sugar ..... farms..	1 182	862	150	163	163	160	–	–	7
acres..	163 236	88 264	30 491	43 598	43 598	42 493	–	–	883
tons..	3 055 112	1 627 703	576 953	835 467	835 467	814 336	–	–	14 989
Irrigated ..... farms..	39	25	7	6	6	6	–	–	1
acres..	2 445	1 183	(D)	726	726	726	–	–	(D)

See footnotes at end of table.

Table 47. **Summary by Type of Organization: 1997**—Con.

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

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
SELECTED CROPS HARVESTED—Con.									
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	20 858	18 523	1 795	457	437	433	20	18	83
acres..	1 264 350	977 619	218 959	61 071	59 879	59 121	1 192	(D)	6 701
tons, dry..	2 830 915	2 118 846	534 379	160 798	157 685	156 842	3 113	(D)	16 892
Irrigated ..... farms..	258	180	55	19	19	18	–	–	4
acres..	11 154	5 486	(D)	1 816	1 816	(D)	–	–	(D)
Farms by acres harvested:									
1 to 24 acres	9 125	8 521	436	133	124	123	9	7	35
25 to 99 acres	8 042	7 286	579	146	137	135	9	9	31
100 to 249 acres	2 799	2 171	524	95	94	94	1	1	9
250 to 499 acres	719	447	204	63	62	62	1	1	5
500 acres or more	173	98	52	20	20	19	–	–	3
Alfalfa hay ..... farms..	17 108	15 172	1 514	356	344	341	12	12	66
acres..	788 156	639 106	113 277	32 854	32 311	31 573	543	543	2 919
tons, dry..	1 985 404	1 560 552	321 587	95 564	93 760	92 955	1 804	1 804	7 701
Irrigated ..... farms..	204	146	42	13	13	12	–	–	3
acres..	7 300	4 187	(D)	1 009	1 009	(D)	–	–	(D)
Vegetables harvested for sale (see text) ..... farms..	2 498	2 078	238	173	161	159	12	12	9
acres..	128 349	75 583	21 977	30 664	30 365	(D)	300	300	125
Irrigated ..... farms..	833	662	85	84	78	76	6	6	2
acres..	59 247	34 367	(D)	16 226	16 093	(D)	133	133	(D)
Farms by acres harvested:									
0.1 to 4.9 acres	907	848	38	19	15	15	4	4	2
5.0 to 24.9 acres	772	670	70	28	23	23	5	5	4
25.0 to 99.9 acres	490	367	65	55	53	53	2	2	3
100.0 to 249.9 acres	224	142	45	37	36	36	1	1	–
250.0 acres or more	105	51	20	34	34	32	–	–	–
Snap beans harvested for sale ..... farms..	453	387	40	25	23	23	2	2	1
acres..	18 553	12 657	3 220	(D)	(D)	(D)	(D)	(D)	(D)
Irrigated ..... farms..	211	179	19	12	10	10	2	2	1
acres..	12 622	9 311	2 034	(D)	(D)	(D)	(D)	(D)	(D)
Land in orchards ..... farms..	2 863	2 367	298	178	165	159	13	11	20
acres..	139 607	79 043	28 488	30 979	30 080	27 536	900	(D)	1 097
Irrigated ..... farms..	362	284	24	49	46	44	3	3	5
acres..	11 930	5 477	1 919	4 331	4 126	(D)	205	205	204
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres	907	859	26	19	17	17	2	2	3
5.0 to 24.9 acres	862	759	72	25	23	20	2	2	6
25.0 to 99.9 acres	692	527	106	51	43	42	8	6	8
100.0 to 249.9 acres	299	183	65	49	49	49	–	–	2
250.0 acres or more	103	39	29	34	33	31	1	1	1
Apples ..... farms..	1 991	1 615	224	139	130	129	9	7	13
Bearing and nonbearing__acres..	68 987	36 015	16 034	16 464	16 018	(D)	446	(D)	474
pounds..	966 592 252	455 105 398	246 569 041	257 099 678	252 666 863	(D)	4 432 815	(D)	7 818 135
Cherries, total (see text) ... farms..	1 077	844	128	94	90	85	4	4	11
Bearing and nonbearing__acres..	47 716	27 546	8 043	11 704	11 412	9 377	292	292	424
pounds..	272 166 983	152 655 393	46 954 913	70 264 069	68 546 674	55 156 074	1 717 395	1 717 395	2 292 608
Grapes (see text) ..... farms..	732	633	55	36	30	28	6	6	8
Bearing and nonbearing__acres..	13 045	8 882	3 066	1 043	913	(D)	130	130	55
Fresh weight__pounds..	109 863 755	71 970 419	29 464 427	7 850 049	6 889 928	(D)	960 121	960 121	578 860
Berries harvested for sale .... farms..	1 147	988	86	67	61	61	6	6	6
acres..	18 760	9 603	(D)	6 306	5 891	5 891	414	414	(D)
Irrigated ..... farms..	591	486	55	48	43	43	5	5	2
acres..	10 808	5 336	(D)	3 818	3 532	3 532	285	285	(D)

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS AND LAND IN FARMS								
Farms ..... number..	46 027	22 043	235	1 312	3 771	4 479	5 145	7 101
percent..	100.0	47.9	.5	2.9	8.2	9.7	11.2	15.4
Land in farms ..... acres..	9 872 812	7 461 296	54 623	444 330	1 606 293	1 931 003	1 797 535	1 627 512
Average size of farm ..... acres..	215	338	232	339	426	431	349	229
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms..	46 027	22 043	235	1 312	3 771	4 479	5 145	7 101
$1,000..	3 567 825	3 130 495	21 534	203 442	762 772	904 763	764 598	473 385
Average per farm ..... dollars..	77 516	142 018	91 635	155 062	202 273	202 001	148 610	66 665
Farms by value of sales:								
Less than $1,000 (see text)	7 756	1 729	9	61	188	248	371	852
$1,000 to $2,499	4 801	1 202	5	46	129	189	258	575
$2,500 to $4,999	5 049	1 527	22	53	140	213	337	762
$5,000 to $9,999	5 800	2 152	28	91	216	284	504	1 029
$10,000 to $19,999	5 602	2 532	37	112	245	367	611	1 160
$20,000 to $24,999	1 611	812	10	46	108	124	171	353
$25,000 to $39,999	3 136	1 831	19	113	277	342	444	636
$40,000 to $49,999	1 336	867	20	54	146	163	232	252
$50,000 to $99,999	3 663	2 748	36	236	584	609	681	602
$100,000 to $249,999	4 008	3 529	31	276	900	979	849	494
$250,000 to $499,999	1 954	1 863	8	148	507	577	407	216
$500,000 to $999,999	864	825	8	51	231	257	175	103
$1,000,000 to $2,499,999	344	328	1	23	74	97	79	54
$2,500,000 to $4,999,999	66	65	1	–	17	21	17	9
$5,000,000 or more	37	33	–	2	9	9	9	4
Grains ..... farms..	19 502	11 849	137	738	2 076	2 381	2 839	3 678
$1,000..	1 033 206	884 660	8 819	62 648	216 958	245 799	202 516	147 920
Sales of $50,000 or more ..... farms..	4 880	4 213	38	311	1 020	1 143	1 030	671
$1,000..	838 846	767 100	6 889	55 177	199 332	225 161	173 370	107 172
Corn for grain ..... farms..	13 864	8 805	108	590	1 623	1 833	2 159	2 492
$1,000..	470 240	408 702	3 958	27 616	100 910	113 993	93 408	68 818
Wheat ..... farms..	8 875	6 283	50	337	1 084	1 290	1 549	1 973
$1,000..	89 407	76 289	478	4 450	17 316	19 589	19 098	15 356
Soybeans ..... farms..	12 516	7 857	103	522	1 405	1 625	1 890	2 312
$1,000..	375 311	310 718	3 640	23 581	75 032	86 057	69 574	52 835
Sorghum for grain ..... farms..	6	3	–	–	–	1	2	–
$1,000..	22	(D)	–	–	–	(D)	(D)	–
Barley ..... farms..	295	219	2	13	44	62	48	50
$1,000..	1 180	(D)	(D)	65	197	(D)	(D)	188
Oats ..... farms..	1 804	1 220	7	58	195	240	309	411
$1,000..	4 311	3 454	(D)	156	716	(D)	794	1 008
Other grains ..... farms..	2 667	2 088	26	172	478	478	509	425
$1,000..	92 735	84 457	722	6 780	22 787	25 054	19 399	9 714
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Tobacco ..... farms..	3	1	–	–	1	–	–	–
$1,000..	34	(D)	–	–	(D)	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	10 938	5 103	42	257	732	902	1 162	2 008
$1,000..	83 225	56 225	721	3 937	11 709	13 001	11 910	14 946
Sales of $50,000 or more ..... farms..	215	183	3	21	47	48	36	28
$1,000..	24 307	22 106	392	2 103	5 655	6 179	4 088	3 689
Vegetables, sweet corn, and melons ..... farms..	2 494	1 613	24	108	368	360	370	383
$1,000..	183 645	171 571	1 649	15 771	39 802	42 334	36 912	35 103
Sales of $50,000 or more ..... farms..	601	558	6	50	142	152	133	75
$1,000..	163 037	157 286	1 457	14 752	36 584	39 365	33 540	31 588
Fruits, nuts, and berries ..... farms..	3 027	1 872	11	73	335	387	422	644
$1,000..	231 595	203 606	1 478	10 555	45 627	61 487	44 660	39 799
Sales of $50,000 or more ..... farms..	925	802	5	39	170	217	210	161
$1,000..	204 816	187 136	1 418	9 796	42 571	58 739	41 505	33 107
Nursery and greenhouse crops ..... farms..	3 548	1 575	10	76	327	385	397	380
$1,000..	478 448	386 819	1 803	15 598	82 763	125 980	122 070	38 605
Sales of $50,000 or more ..... farms..	894	659	4	39	160	219	142	95
$1,000..	453 975	375 534	1 767	14 882	80 163	123 563	119 086	36 074
Other crops ..... farms..	1 725	1 388	22	142	374	341	283	226
$1,000..	189 569	183 273	929	11 235	52 121	45 825	53 678	19 485
Sales of $50,000 or more ..... farms..	764	734	4	71	223	206	153	77
$1,000..	174 245	171 150	394	9 467	48 965	43 200	51 238	17 886
Poultry and poultry products ..... farms..	1 442	609	2	34	178	132	138	125
$1,000..	169 053	(D)	(D)	2 106	(D)	51 884	45 072	16 460
Sales of $50,000 or more ..... farms..	99	85	–	3	34	25	16	7
$1,000..	167 358	(D)	–	(D)	28 677	51 659	44 765	16 282
Dairy products ..... farms..	3 696	3 441	30	291	880	946	750	544
$1,000..	645 713	628 351	2 851	50 813	155 767	186 346	139 273	93 301
Sales of $50,000 or more ..... farms..	2 645	2 556	17	198	670	744	573	354
$1,000..	619 100	605 014	2 553	48 797	149 967	180 727	134 172	88 798
Cattle and calves ..... farms..	14 293	8 298	89	551	1 593	1 843	1 983	2 239
$1,000..	276 971	236 284	1 148	10 440	50 748	58 538	67 764	47 647
Sales of $50,000 or more ..... farms..	790	712	4	42	171	186	183	126
$1,000..	173 630	162 854	440	5 716	35 822	41 246	49 571	30 058

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS AND LAND IN FARMS							
Farms ..... number..	23 984	224	1 802	5 999	7 405	5 265	3 289
percent..	52.1	.5	3.9	13.0	16.1	11.4	7.1
Land in farms ..... acres..	2 411 516	19 038	161 006	561 271	733 924	573 652	362 625
Average size of farm ..... acres..	101	85	89	94	99	109	110
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms..	23 984	224	1 802	5 999	7 405	5 265	3 289
$1,000..	437 330	3 888	31 526	106 795	165 035	86 118	43 969
Average per farm ..... dollars..	18 234	17 356	17 495	17 802	22 287	16 357	13 368
Farms by value of sales:							
Less than $1,000 (see text)	6 027	24	320	1 229	1 772	1 415	1 267
$1,000 to $2,499	3 599	33	241	948	1 146	749	482
$2,500 to $4,999	3 522	37	298	898	1 105	748	436
$5,000 to $9,999	3 648	41	296	916	1 143	828	424
$10,000 to $19,999	3 070	39	262	845	942	662	320
$20,000 to $24,999	799	13	81	205	267	156	77
$25,000 to $39,999	1 305	17	106	356	419	287	120
$40,000 to $49,999	469	6	53	142	145	92	31
$50,000 to $99,999	915	8	87	286	266	202	66
$100,000 to $249,999	479	5	49	139	148	99	39
$250,000 to $499,999	91	1	8	21	33	13	15
$500,000 to $999,999	39	–	–	11	14	8	6
$1,000,000 to $2,499,999	16	–	1	2	2	5	6
$2,500,000 to $4,999,999	1	–	–	–	–	1	–
$5,000,000 or more	4	–	–	1	3	–	–
Grains ..... farms..	7 653	121	779	2 062	2 311	1 591	789
$1,000..	148 545	2 393	14 644	42 610	44 371	32 206	12 321
Sales of $50,000 or more ..... farms..	667	12	64	208	200	140	43
$1,000..	71 746	1 108	6 323	21 067	21 601	15 960	5 687
Corn for grain ..... farms..	5 059	74	555	1 424	1 475	1 074	457
$1,000..	61 538	890	6 240	17 224	18 347	13 543	5 294
Wheat ..... farms..	2 592	31	216	661	828	568	288
$1,000..	13 118	184	967	3 567	4 147	3 029	1 224
Soybeans ..... farms..	4 659	80	508	1 300	1 373	962	436
$1,000..	64 593	1 068	6 697	19 699	19 277	12 798	5 055
Sorghum for grain ..... farms..	3	–	–	–	1	1	1
$1,000..	(D)	–	–	–	(D)	(D)	(D)
Barley ..... farms..	76	–	7	26	19	15	9
$1,000..	(D)	–	14	50	(D)	(D)	(D)
Oats ..... farms..	584	4	56	147	190	123	64
$1,000..	857	4	58	269	232	206	89
Other grains ..... farms..	579	10	47	167	179	119	57
$1,000..	8 278	247	668	1 802	2 331	2 589	641
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	2	–	–	–	–	2	–
$1,000..	(D)	–	–	–	–	(D)	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	5 835	41	392	1 449	1 869	1 296	788
$1,000..	27 000	177	1 747	6 665	8 062	6 472	3 877
Sales of $50,000 or more ..... farms..	32	–	1	6	9	9	7
$1,000..	2 202	–	(D)	(D)	573	669	476
Vegetables, sweet corn, and melons ..... farms..	881	7	77	252	277	176	92
$1,000..	12 073	56	989	2 933	4 603	2 219	1 274
Sales of $50,000 or more ..... farms..	43	–	6	11	15	9	2
$1,000..	5 750	–	(D)	966	2 780	873	(D)
Fruits, nuts, and berries ..... farms..	1 155	5	50	279	368	265	188
$1,000..	27 989	78	934	6 091	9 164	7 857	3 864
Sales of $50,000 or more ..... farms..	123	1	6	26	37	31	22
$1,000..	17 680	(D)	(D)	3 470	5 545	5 628	2 475
Nursery and greenhouse crops ..... farms..	1 973	7	103	504	619	453	287
$1,000..	91 629	105	3 800	17 360	42 011	17 379	10 974
Sales of $50,000 or more ..... farms..	235	–	18	59	69	58	31
$1,000..	78 441	–	3 145	13 719	37 781	14 689	9 107
Other crops ..... farms..	337	4	49	91	104	55	34
$1,000..	6 296	293	1 004	1 576	1 856	1 155	411
Sales of $50,000 or more ..... farms..	30	4	2	6	9	7	2
$1,000..	3 096	293	(D)	598	1 036	614	(D)
Poultry and poultry products ..... farms..	833	5	79	309	262	117	61
$1,000..	(D)	(D)	488	1 036	(D)	96	61
Sales of $50,000 or more ..... farms..	14	–	4	5	5	–	–
$1,000..	(D)	–	428	794	(D)	–	–
Dairy products ..... farms..	255	2	29	74	74	53	23
$1,000..	17 362	(D)	598	4 367	(D)	(D)	4 475
Sales of $50,000 or more ..... farms..	89	1	4	27	26	18	13
$1,000..	14 086	(D)	(D)	3 340	3 470	2 693	4 256
Cattle and calves ..... farms..	5 995	58	518	1 807	1 893	1 229	490
$1,000..	40 687	279	3 465	12 901	12 334	8 048	3 658
Sales of $50,000 or more ..... farms..	78	–	8	23	26	13	8
$1,000..	10 776	–	954	4 144	2 756	1 584	1 339

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs ..... farms..	2 690	1 463	25	154	371	356	298	259
$1,000..	228 488	202 999	2 093	19 104	68 192	63 151	34 327	16 131
Sales of $50,000 or more ..... farms..	593	499	5	59	146	130	104	55
$1,000..	212 526	193 278	1 976	18 162	65 992	60 904	31 737	14 506
Sheep, lambs, and wool ..... farms..	1 543	638	9	36	137	129	140	187
$1,000..	5 911	3 980	(D)	91	(D)	890	1 133	832
Sales of $50,000 or more ..... farms..	13	8	–	–	2	3	1	2
$1,000..	2 178	1 845	–	–	(D)	295	(D)	(D)
Other livestock and livestock products (see text) ..... farms..	3 625	1 369	10	107	313	357	334	248
$1,000..	41 968	28 282	30	1 144	9 141	9 527	5 284	3 156
Sales of $50,000 or more ..... farms..	127	93	–	7	25	30	19	12
$1,000..	24 296	20 563	–	584	7 317	7 438	3 150	2 073
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	4 339	2 060	19	128	435	458	461	559
$1,000..	28 720	22 555	187	1 942	5 343	5 662	6 319	3 103
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms..	46 040	21 991	252	1 250	3 547	4 260	5 190	7 492
$1,000..	2 835 658	2 419 139	19 871	146 602	575 055	689 858	608 178	379 576
Average per farm ..... dollars..	61 591	110 006	78 853	117 281	162 124	161 939	117 183	50 664
Livestock and poultry purchased ..... farms..	11 086	5 909	92	430	1 291	1 404	1 427	1 265
$1,000..	175 474	148 998	1 628	10 614	33 599	41 358	39 084	22 716
Farms with expenses of—								
$1 to $4,999	7 569	3 388	49	233	654	789	827	836
$5,000 to $24,999	2 486	1 632	29	131	390	364	391	327
$25,000 to $99,999	763	644	12	46	187	176	149	74
$100,000 to $249,999	152	137	1	10	41	43	31	11
$250,000 or more	116	108	1	10	19	32	29	17
Feed for livestock and poultry ..... farms..	17 888	8 975	118	560	1 783	2 103	2 215	2 196
$1,000..	414 770	369 102	2 176	22 322	98 652	111 175	92 058	42 720
Farms with expenses of—								
$1 to $4,999	12 187	4 373	54	219	638	842	1 146	1 474
$5,000 to $24,999	3 248	2 360	40	164	551	581	580	444
$25,000 to $99,999	1 789	1 612	20	115	422	485	362	208
$100,000 to $249,999	439	411	4	45	111	126	76	49
$250,000 or more	225	219	–	17	61	69	51	21
Commercially mixed formula feeds ..... farms..	12 036	6 327	104	433	1 347	1 574	1 475	1 394
$1,000..	256 579	229 683	1 425	11 888	55 365	72 861	62 186	25 957
Farms with expenses of—								
$1 to $4,999	8 440	3 193	65	191	554	657	807	919
$5,000 to $24,999	2 191	1 801	19	132	448	506	389	307
$25,000 to $99,999	1 088	1 028	20	84	256	317	215	136
$100,000 or more	317	305	–	26	89	94	64	32
Seeds, bulbs, plants, and trees ..... farms..	27 224	16 096	197	984	2 866	3 264	3 889	4 896
$1,000..	180 800	155 670	1 433	9 174	34 917	42 636	43 412	24 098
Farms with expenses of—								
$1 to $999	11 109	4 731	59	218	507	662	1 120	2 165
$1,000 to $4,999	9 282	5 572	66	365	893	1 080	1 352	1 816
$5,000 to $24,999	5 470	4 505	65	320	1 125	1 124	1 117	754
$25,000 to $49,999	905	856	6	50	228	267	201	104
$50,000 or more	458	432	1	31	113	131	99	57
Commercial fertilizer ..... farms..	29 576	16 942	201	980	2 913	3 289	4 092	5 467
$1,000..	244 613	210 278	2 100	13 282	50 487	55 067	51 964	37 377
Farms with expenses of—								
$1 to $4,999	20 093	9 204	81	495	1 117	1 412	2 165	3 934
$5,000 to $24,999	7 064	5 481	103	320	1 228	1 198	1 382	1 250
$25,000 to $49,999	1 492	1 365	13	108	337	399	346	162
$50,000 or more	927	892	4	57	231	280	199	121
Agricultural chemicals ..... farms..	26 238	15 508	179	931	2 792	3 065	3 775	4 766
$1,000..	182 494	156 358	1 587	9 643	37 873	43 235	37 276	26 743
Farms with expenses of—								
$1 to $4,999	18 844	9 418	93	577	1 297	1 547	2 269	3 635
$5,000 to $24,999	5 753	4 539	81	262	1 107	991	1 142	956
$25,000 to $49,999	1 061	993	1	61	247	340	245	99
$50,000 or more	580	558	4	31	141	187	119	76
Petroleum products ..... farms..	42 348	21 117	246	1 199	3 455	4 098	5 069	7 050
$1,000..	142 449	119 011	1 263	6 742	28 243	31 807	29 822	21 134
Farms with expenses of—								
$1 to $4,999	35 797	15 237	182	866	1 906	2 405	3 705	6 173
$5,000 to $24,999	5 662	5 033	50	287	1 336	1 431	1 173	756
$25,000 to $49,999	631	602	11	35	151	192	128	85
$50,000 or more	258	245	3	11	62	70	63	36
Gasoline and gasohol ..... farms..	34 136	17 394	166	927	2 890	3 279	4 316	5 816
$1,000..	35 499	27 365	300	1 532	6 015	6 854	7 203	5 460
Diesel fuel ..... farms..	30 196	16 939	175	1 014	3 014	3 381	4 125	5 230
$1,000..	61 048	52 311	583	3 113	12 575	13 913	12 990	9 138
Natural gas ..... farms..	1 932	1 411	20	89	328	388	292	294
$1,000..	17 510	15 019	130	623	3 955	4 213	3 953	2 144
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	31 611	17 923	219	1 098	3 125	3 658	4 352	5 471
$1,000..	28 391	24 316	250	1 474	5 699	6 827	5 675	4 391

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs ..... farms..	1 227	18	139	474	383	147	66
$1,000..	25 489	326	2 993	7 448	9 409	3 496	1 817
Sales of $50,000 or more ..... farms..	94	1	17	33	27	10	6
$1,000..	19 248	(D)	2 303	5 316	7 316	2 681	(D)
Sheep, lambs, and wool ..... farms..	905	6	68	303	283	164	81
$1,000..	1 932	11	243	550	654	341	133
Sales of $50,000 or more ..... farms..	5	–	1	2	1	1	–
$1,000..	333	–	(D)	(D)	(D)	(D)	–
Other livestock and livestock products (see text) ..... farms..	2 256	15	170	643	817	439	172
$1,000..	13 686	77	620	3 258	5 208	3 420	1 103
Sales of $50,000 or more ..... farms..	34	–	1	6	13	11	3
$1,000..	3 733	–	(D)	801	1 451	1 124	(D)
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	2 279	14	194	738	761	409	163
$1,000..	6 165	25	452	1 706	2 033	1 397	554
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	24 049	332	1 772	6 134	7 067	5 334	3 410
$1,000..	416 519	5 160	28 274	98 606	162 100	83 314	39 064
Average per farm ..... dollars..	17 320	15 543	15 956	16 075	22 938	15 620	11 456
Livestock and poultry purchased ..... farms..	5 177	73	466	1 872	1 703	811	252
$1,000..	26 475	332	1 926	9 378	9 454	3 655	1 731
Farms with expenses of—							
$1 to $4,999	4 181	55	367	1 563	1 395	610	191
$5,000 to $24,999	854	17	91	266	267	163	50
$25,000 to $99,999	119	1	7	31	35	37	8
$100,000 to $249,999	15	–	1	8	4	–	2
$250,000 or more	8	–	–	4	2	1	1
Feed for livestock and poultry ..... farms..	8 913	152	732	2 909	2 901	1 641	578
$1,000..	45 667	333	2 194	9 385	24 899	5 784	3 072
Farms with expenses of—							
$1 to $4,999	7 814	140	629	2 574	2 533	1 438	500
$5,000 to $24,999	888	11	96	275	289	158	59
$25,000 to $99,999	177	1	4	53	68	39	12
$100,000 to $249,999	28	–	3	6	7	6	6
$250,000 or more	6	–	–	1	4	–	1
Commercially mixed formula feeds ..... farms..	5 709	48	454	1 982	1 946	955	324
$1,000..	26 896	76	922	3 883	18 621	1 987	1 408
Farms with expenses of—							
$1 to $4,999	5 247	47	425	1 849	1 784	862	280
$5,000 to $24,999	390	–	27	118	120	87	38
$25,000 to $99,999	60	1	–	14	37	5	3
$100,000 or more	12	–	2	1	5	1	3
Seeds, bulbs, plants, and trees ..... farms..	11 128	211	1 006	3 087	3 416	2 295	1 113
$1,000..	25 130	442	2 020	6 240	9 578	4 953	1 897
Farms with expenses of—							
$1 to $999	6 378	102	546	1 678	2 039	1 264	749
$1,000 to $4,999	3 710	92	368	1 076	1 050	806	318
$5,000 to $24,999	965	17	87	314	296	213	38
$25,000 to $49,999	49	–	4	17	18	6	4
$50,000 or more	26	–	1	2	13	6	4
Commercial fertilizer ..... farms..	12 634	236	1 073	3 230	3 960	2 723	1 412
$1,000..	34 335	505	3 246	9 008	10 876	7 638	3 062
Farms with expenses of—							
$1 to $4,999	10 889	205	868	2 693	3 487	2 334	1 302
$5,000 to $24,999	1 583	30	202	505	401	357	88
$25,000 to $49,999	127	1	1	28	54	24	19
$50,000 or more	35	–	2	4	18	8	3
Agricultural chemicals ..... farms..	10 730	206	910	2 829	3 317	2 252	1 216
$1,000..	26 136	377	2 462	6 677	8 582	5 677	2 361
Farms with expenses of—							
$1 to $4,999	9 426	190	757	2 451	2 946	1 931	1 151
$5,000 to $24,999	1 214	16	149	365	334	303	47
$25,000 to $49,999	68	–	4	11	27	12	14
$50,000 or more	22	–	–	2	10	6	4
Petroleum products ..... farms..	21 231	319	1 602	5 535	6 329	4 702	2 744
$1,000..	23 438	356	1 796	5 726	8 199	4 857	2 504
Farms with expenses of—							
$1 to $4,999	20 560	309	1 538	5 346	6 106	4 586	2 675
$5,000 to $24,999	629	10	63	183	211	100	62
$25,000 to $49,999	29	–	1	4	6	13	5
$50,000 or more	13	–	–	2	6	3	2
Gasoline and gasohol ..... farms..	16 742	246	1 246	4 342	5 094	3 659	2 155
$1,000..	8 134	111	568	2 074	2 509	1 947	925
Diesel fuel ..... farms..	13 257	217	1 098	3 441	3 937	2 960	1 604
$1,000..	8 738	194	785	2 167	2 728	1 932	931
Natural gas ..... farms..	521	6	27	152	135	137	64
$1,000..	2 491	(Z)	47	380	1 639	213	213
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	13 688	198	1 149	3 519	4 183	2 999	1 640
$1,000..	4 076	50	396	1 105	1 324	766	435

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARM PRODUCTION EXPENSES[1] —Con.								
Total farm production expenses—Con.								
Electricity ..... farms..	31 396	17 800	195	1 002	3 144	3 702	4 341	5 416
$1,000..	53 192	44 841	343	2 464	10 324	12 826	11 185	7 699
Farms with expenses of—								
$1 to $999	21 800	9 890	111	567	1 131	1 533	2 503	4 045
$1,000 to $4,999	7 332	5 780	62	315	1 492	1 495	1 334	1 082
$5,000 to $24,999	2 073	1 950	21	112	492	609	457	259
$25,000 to $49,999	118	113	1	4	12	47	29	20
$50,000 or more	73	67	–	4	17	18	18	10
Hired farm labor ..... farms..	14 481	9 336	80	520	2 038	2 266	2 308	2 124
$1,000..	369 145	333 060	2 049	15 883	74 246	97 838	88 382	54 663
Farms with expenses of—								
$1 to $4,999	8 961	4 482	45	269	779	858	1 236	1 295
$5,000 to $24,999	2 809	2 319	12	102	660	659	449	437
$25,000 to $99,999	2 014	1 875	17	116	445	543	460	294
$100,000 to $249,999	471	449	4	24	105	138	114	64
$250,000 or more	226	211	2	9	49	68	49	34
Workers by days worked:								
150 days or more ..... farms..	6 074	4 855	49	274	1 146	1 372	1 119	895
workers..	20 996	18 404	103	1 086	4 030	5 484	4 824	2 877
Less than 150 days ..... farms..	13 069	8 061	68	463	1 745	1 903	1 980	1 902
workers..	74 869	57 336	486	2 674	14 698	15 017	13 298	11 163
Contract labor ..... farms..	3 865	2 299	21	132	496	543	544	563
$1,000..	29 043	25 268	59	477	4 881	5 188	10 579	4 085
Farms with expenses of—								
$1 to $999	1 689	739	10	46	107	170	180	226
$1,000 to $4,999	1 330	875	9	56	224	212	199	175
$5,000 to $24,999	667	528	2	28	116	126	118	138
$25,000 to $49,999	102	91	–	2	31	10	32	16
$50,000 or more	77	66	–	–	18	25	15	8
Repair and maintenance ..... farms..	37 918	19 927	233	1 139	3 316	3 873	4 838	6 528
$1,000..	209 298	170 815	1 366	10 524	37 279	46 318	42 670	32 658
Farms with expenses of—								
$1 to $4,999	28 001	11 792	159	619	1 451	1 697	2 827	5 039
$5,000 to $24,999	8 308	6 606	65	448	1 488	1 693	1 657	1 255
$25,000 to $49,999	1 118	1 062	4	49	272	341	242	154
$50,000 or more	491	467	5	23	105	142	112	80
Customwork, machine hire, and rental of machinery and equipment..... farms..	13 520	7 799	107	473	1 506	1 600	1 873	2 240
$1,000..	53 082	43 744	418	3 718	11 082	11 181	10 294	7 051
Farms with expenses of—								
$1 to $999	6 439	2 773	48	159	402	466	702	996
$1,000 to $4,999	4 866	3 162	39	175	661	640	695	952
$5,000 to $24,999	1 896	1 582	18	117	371	411	407	258
$25,000 to $49,999	194	159	1	12	37	52	36	21
$50,000 or more	125	123	1	10	35	31	33	13
Interest ..... farms..	18 209	10 611	157	828	2 463	2 725	2 607	1 831
$1,000..	189 849	156 373	1 332	9 920	38 652	46 551	38 514	21 404
Farms with expenses of—								
$1 to $4,999	10 247	4 768	62	366	946	1 079	1 263	1 052
$5,000 to $24,999	6 239	4 216	91	369	1 101	1 115	958	582
$25,000 to $99,999	1 520	1 430	3	84	372	469	331	171
$100,000 or more	203	197	1	9	44	62	55	26
Secured by real estate ..... farms..	13 336	7 571	120	553	1 789	2 048	1 895	1 166
$1,000..	123 249	98 445	952	6 334	23 151	28 898	25 390	13 720
Farms with expenses of—								
$1 to $999	1 609	756	22	53	143	132	246	160
$1,000 to $4,999	5 936	2 558	33	196	535	701	660	433
$5,000 to $24,999	4 711	3 240	61	251	860	887	738	443
$25,000 to $49,999	762	713	2	34	183	227	179	88
$50,000 or more	318	304	2	19	68	101	72	42
Not secured by real estate ..... farms..	10 394	6 829	89	522	1 680	1 818	1 621	1 099
$1,000..	66 600	57 929	380	3 586	15 501	17 653	13 124	7 685
Farms with expenses of—								
$1 to $999	2 926	1 383	7	114	284	285	377	316
$1,000 to $4,999	4 434	2 799	59	221	712	697	631	479
$5,000 to $24,999	2 502	2 133	23	173	538	668	493	238
$25,000 to $49,999	371	360	–	12	107	113	78	50
$50,000 or more	161	154	–	2	39	55	42	16
Cash rent ..... farms..	12 983	8 604	150	713	2 046	2 196	2 054	1 445
$1,000..	162 012	143 540	2 085	13 403	41 687	42 303	27 871	16 190
Farms with expenses of—								
$1 to $4,999	7 978	4 488	59	377	908	961	1 218	965
$5,000 to $9,999	1 633	1 156	32	65	297	303	300	159
$10,000 to $24,999	1 753	1 446	37	110	356	497	274	172
$25,000 or more	1 619	1 514	22	161	485	435	262	149
Property taxes ..... farms..	43 608	20 858	175	1 007	3 243	4 101	5 061	7 271
$1,000..	114 049	76 205	497	3 300	13 014	18 089	19 852	21 454
Farms with expenses of—								
$1 to $4,999	38 646	16 810	141	837	2 485	3 021	4 008	6 318
$5,000 to $9,999	3 399	2 638	27	114	511	642	685	659
$10,000 to $24,999	1 308	1 177	7	49	196	379	303	243
$25,000 or more	255	233	–	7	51	59	65	51
All other farm production expenses ..... farms..	40 748	20 867	230	1 223	3 468	4 147	4 975	6 824
$1,000..	315 391	265 874	1 534	15 136	60 119	84 286	65 215	39 584
Farms with expenses of—								
$1 to $4,999	32 337	13 564	175	695	1 715	2 161	3 297	5 521
$5,000 to $24,999	6 142	5 174	46	409	1 270	1 256	1 186	1 007
$25,000 to $49,999	1 164	1 083	2	56	232	362	271	160
$50,000 to $99,999	694	656	5	43	152	238	133	85
$100,000 or more	411	390	2	20	99	130	88	51

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARM PRODUCTION EXPENSES[1] —Con.							
Total farm production expenses—Con.							
Electricity ..... farms..	13 596	164	926	3 610	4 134	3 096	1 666
$1,000..	8 351	130	448	1 962	2 957	1 919	935
Farms with expenses of—							
$1 to $999	11 910	120	821	3 134	3 623	2 725	1 487
$1,000 to $4,999	1 552	37	103	440	474	345	153
$5,000 to $24,999	123	7	2	35	32	22	25
$25,000 to $49,999	5	–	–	1	–	3	1
$50,000 or more	6	–	–	–	5	1	–
Hired farm labor ..... farms..	5 145	45	310	1 418	1 733	1 101	538
$1,000..	36 085	23	1 624	5 498	16 357	8 358	4 225
Farms with expenses of—							
$1 to $4,999	4 479	45	253	1 251	1 523	944	463
$5,000 to $24,999	490	–	45	131	158	104	52
$25,000 to $99,999	139	–	11	30	40	41	17
$100,000 to $249,999	22	–	–	4	8	8	2
$250,000 or more	15	–	1	2	4	4	4
Workers by days worked:							
150 days or more ..... farms..	1 219	7	76	346	370	256	164
workers..	2 592	8	96	512	999	586	391
Less than 150 days ..... farms..	5 008	45	310	1 384	1 686	1 073	510
workers..	17 533	61	1 260	4 327	5 777	4 248	1 860
Contract labor ..... farms..	1 566	15	120	496	553	224	158
$1,000..	3 774	17	316	775	1 471	874	322
Farms with expenses of—							
$1 to $999	950	13	68	351	314	126	78
$1,000 to $4,999	455	1	34	114	178	66	62
$5,000 to $24,999	139	1	17	27	52	24	18
$25,000 to $49,999	11	–	–	3	7	1	–
$50,000 or more	11	–	1	1	2	7	–
Repair and maintenance ..... farms..	17 991	221	1 295	4 720	5 554	3 982	2 219
$1,000..	38 482	346	2 718	9 510	13 008	8 706	4 195
Farms with expenses of—							
$1 to $4,999	16 209	212	1 164	4 312	4 944	3 521	2 056
$5,000 to $24,999	1 702	9	126	396	579	442	150
$25,000 to $49,999	56	–	5	10	17	14	10
$50,000 or more	24	–	–	2	14	5	3
Customwork, machine hire, and rental of machinery and equipment..... farms..	5 721	117	467	1 620	1 779	1 175	563
$1,000..	9 338	566	559	2 109	2 948	2 027	1 129
Farms with expenses of—							
$1 to $999	3 666	64	311	1 086	1 105	706	394
$1,000 to $4,999	1 704	42	146	482	553	350	131
$5,000 to $24,999	314	2	10	49	113	117	23
$25,000 to $49,999	35	9	–	2	7	2	15
$50,000 or more	2	–	–	1	1	–	–
Interest ..... farms..	7 598	97	687	2 354	2 443	1 537	480
$1,000..	33 476	279	2 926	9 523	10 987	7 760	2 000
Farms with expenses of—							
$1 to $4,999	5 479	68	469	1 694	1 749	1 113	386
$5,000 to $24,999	2 023	29	214	635	670	392	83
$25,000 to $99,999	90	–	4	23	23	30	10
$100,000 or more	6	–	–	2	1	2	1
Secured by real estate ..... farms..	5 765	29	523	1 758	1 940	1 190	325
$1,000..	24 805	109	2 320	7 198	8 013	5 750	1 416
Farms with expenses of—							
$1 to $999	853	10	88	229	300	178	48
$1,000 to $4,999	3 378	13	259	1 061	1 153	687	205
$5,000 to $24,999	1 471	6	175	457	470	298	65
$25,000 to $49,999	49	–	1	6	13	23	6
$50,000 or more	14	–	–	5	4	4	1
Not secured by real estate ..... farms..	3 565	71	336	1 110	1 160	659	229
$1,000..	8 671	171	606	2 325	2 974	2 011	585
Farms with expenses of—							
$1 to $999	1 543	10	160	499	490	269	115
$1,000 to $4,999	1 635	40	146	509	560	278	102
$5,000 to $24,999	369	21	29	101	105	107	6
$25,000 to $49,999	11	–	1	1	3	2	4
$50,000 or more	7	–	–	–	2	3	2
Cash rent ..... farms..	4 379	112	474	1 354	1 329	843	267
$1,000..	18 471	718	1 908	5 241	6 954	2 730	921
Farms with expenses of—							
$1 to $4,999	3 490	86	365	1 052	1 041	721	225
$5,000 to $9,999	477	17	56	147	155	69	33
$10,000 to $24,999	307	–	42	121	99	42	3
$25,000 or more	105	9	11	34	34	11	6
Property taxes ..... farms..	22 750	194	1 518	5 728	6 806	5 234	3 270
$1,000..	37 844	255	2 004	8 218	12 097	9 564	5 705
Farms with expenses of—							
$1 to $4,999	21 836	188	1 487	5 603	6 444	4 980	3 134
$5,000 to $9,999	761	5	24	110	315	216	91
$10,000 to $24,999	131	1	6	12	38	33	41
$25,000 or more	22	–	1	3	9	5	4
All other farm production expenses ..... farms..	19 881	280	1 505	5 161	5 961	4 436	2 538
$1,000..	49 516	483	2 127	9 357	23 732	8 812	5 006
Farms with expenses of—							
$1 to $4,999	18 773	267	1 425	4 833	5 602	4 207	2 439
$5,000 to $24,999	968	4	78	308	321	181	76
$25,000 to $49,999	81	9	1	11	22	30	8
$50,000 to $99,999	38	–	1	5	7	16	9
$100,000 or more	21	–	–	4	9	2	6

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]								
All farms ..... number..	46 040	21 991	252	1 250	3 547	4 260	5 190	7 492
$1,000..	686 891	656 455	5 007	43 188	177 466	183 959	152 241	94 595
Average per farm ..... dollars..	14 919	29 851	19 867	34 550	50 033	43 183	29 333	12 626
Farms with net gains[2] ..... number..	21 612	13 239	162	804	2 572	2 745	3 124	3 832
Average net gain ..... dollars..	40 859	58 135	35 142	60 296	75 248	77 755	60 716	31 009
Gain of—								
Less than $1,000	2 498	869	31	28	73	128	186	423
$1,000 to $9,999	8 196	3 841	49	174	404	518	931	1 765
$10,000 to $49,999	6 919	4 912	54	348	1 085	1 135	1 116	1 174
$50,000 or more	3 999	3 617	28	254	1 010	964	891	470
Farms with net losses ..... number..	24 428	8 752	90	446	975	1 515	2 066	3 660
Average net loss ..... dollars..	8 029	12 934	7 628	11 861	16 483	19 458	18 120	6 621
Loss of—								
Less than $1,000	3 584	1 135	8	50	57	142	242	636
$1,000 to $9,999	16 745	5 500	68	259	568	824	1 221	2 560
$10,000 to $49,999	3 750	1 828	12	125	282	459	527	423
$50,000 or more	349	289	2	12	68	90	76	41
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments ..... farms..	18 851	10 915	94	589	1 924	2 296	2 620	3 392
$1,000..	92 806	73 237	505	4 050	15 989	19 542	17 391	15 761
Other farm-related income[1] ..... farms..	11 609	6 904	50	389	1 219	1 497	1 698	2 051
$1,000..	61 699	45 562	400	2 531	7 808	13 738	10 166	10 919
Customwork and other agricultural services ..... farms..	3 312	2 264	31	192	480	558	518	485
$1,000..	22 647	19 476	238	1 785	3 978	7 501	3 632	2 342
Gross cash rent or share payments ..... farms..	4 372	1 895	15	49	242	297	396	896
$1,000..	19 279	10 591	152	200	1 143	2 239	2 559	4 298
Forest products, excluding Christmas trees and maple products ..... farms..	1 494	914	–	36	106	162	290	320
$1,000..	10 013	7 515	–	151	953	1 626	2 009	2 776
Other farm-related income sources ..... farms..	4 791	3 587	13	206	714	901	857	896
$1,000..	9 761	7 981	10	395	1 734	2 373	1 966	1 503
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms..	1 587	1 259	13	100	326	311	283	226
$1,000..	51 618	49 229	234	2 616	14 300	15 800	10 442	5 838
Corn ..... farms..	1 322	1 069	10	80	287	266	243	183
$1,000..	33 325	31 842	126	1 544	9 483	10 161	6 723	3 806
Wheat ..... farms..	377	297	1	23	60	63	67	83
$1,000..	2 101	2 028	(D)	(D)	605	518	390	(D)
Soybeans ..... farms..	489	379	5	38	81	109	87	59
$1,000..	16 104	15 283	(D)	(D)	4 182	5 114	3 320	1 643
Sorghum, barley, and oats ..... farms..	60	45	–	2	16	8	7	12
$1,000..	(D)	76	–	(D)	31	7	10	(D)
Cotton ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	1	–	–	–	–	–	–	–
$1,000..	(D)	–	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms..	43 017	21 098	215	1 245	3 544	4 268	4 962	6 864
acres..	7 891 802	6 239 281	50 635	399 046	1 415 353	1 656 449	1 473 549	1 244 249
Harvested cropland ..... farms..	37 941	19 814	209	1 173	3 369	4 040	4 709	6 314
acres..	6 724 480	5 562 053	46 995	368 025	1 307 114	1 516 943	1 302 112	1 020 864
Farms by acres harvested:								
1 to 49 acres	17 921	6 065	61	285	739	986	1 381	2 613
50 to 99 acres	6 342	3 245	42	187	400	478	752	1 386
100 to 199 acres	5 247	3 251	42	202	504	625	791	1 087
200 to 499 acres	4 915	3 970	42	276	875	951	1 032	794
500 to 999 acres	2 289	2 106	14	151	544	619	504	274
1,000 to 1,999 acres	950	908	5	56	234	302	189	122
2,000 acres or more	277	269	3	16	73	79	60	38
Cropland:								
Pasture or grazing only ..... farms..	14 850	7 077	46	419	1 210	1 548	1 711	2 143
acres..	481 259	302 024	1 589	15 373	53 610	65 905	79 061	86 486
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	5 423	2 643	11	99	370	530	614	1 019
acres..	197 004	104 599	656	3 015	13 944	19 331	26 374	41 279
On which all crops failed ..... farms..	1 772	936	5	53	158	227	201	292
acres..	39 640	24 974	228	2 356	4 476	5 518	5 015	7 381
In cultivated summer fallow ..... farms..	2 749	1 642	9	56	237	315	396	629
acres..	73 243	50 545	130	1 855	7 986	11 696	12 672	16 206
Idle ..... farms..	10 334	4 717	34	197	693	881	1 114	1 798
acres..	376 176	195 086	1 037	8 422	28 223	37 056	48 315	72 033
Total woodland ..... farms..	24 314	12 248	57	518	1 797	2 506	3 079	4 291
acres..	1 142 688	694 964	1 504	26 051	102 265	154 212	184 686	226 246
Woodland pastured ..... farms..	4 658	2 444	11	125	361	472	570	905
acres..	151 171	99 252	130	5 604	13 001	21 786	24 334	34 397
Woodland not pastured ..... farms..	22 014	11 095	49	463	1 635	2 313	2 812	3 823
acres..	991 517	595 712	1 374	20 447	89 264	132 426	160 352	191 849

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]							
All farms ..... number..	24 049	332	1 772	6 134	7 067	5 334	3 410
$1,000..	30 435	408	3 395	10 593	4 453	3 309	8 278
Average per farm ..... dollars..	1 266	1 229	1 916	1 727	630	620	2 427
Farms with net gains[2] ..... number..	8 373	151	706	2 276	2 348	1 687	1 205
Average net gain ..... dollars..	13 541	9 061	12 651	13 772	13 538	14 084	13 437
Gain of—							
Less than $1,000	1 629	6	140	410	494	312	267
$1,000 to $9,999	4 355	109	359	1 203	1 184	864	636
$10,000 to $49,999	2 007	28	162	573	576	432	236
$50,000 or more	382	8	45	90	94	79	66
Farms with net losses ..... number..	15 676	181	1 066	3 858	4 719	3 647	2 205
Average net loss ..... dollars..	5 291	5 304	5 194	5 379	5 792	5 608	3 589
Loss of—							
Less than $1,000	2 449	43	168	551	582	616	489
$1,000 to $9,999	11 245	107	771	2 775	3 442	2 549	1 601
$10,000 to $49,999	1 922	31	126	522	669	462	112
$50,000 or more	60	–	1	10	26	20	3
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	7 936	64	507	1 744	2 230	1 904	1 487
$1,000..	19 569	102	980	3 696	5 350	4 979	4 463
Other farm-related income[1] ..... farms..	4 705	31	311	1 170	1 408	1 018	767
$1,000..	16 137	18	956	4 201	4 550	3 622	2 790
Customwork and other agricultural services ..... farms..	1 048	13	127	324	332	167	85
$1,000..	3 171	11	312	1 501	869	333	145
Gross cash rent or share payments ..... farms..	2 477	–	115	566	659	626	511
$1,000..	8 689	–	325	1 766	2 454	2 159	1 985
Forest products, excluding Christmas trees and maple products ..... farms..	580	7	20	125	199	115	114
$1,000..	2 498	5	67	631	732	524	539
Other farm-related income sources ..... farms..	1 204	11	76	316	411	251	139
$1,000..	1 780	3	252	302	496	606	122
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	328	6	50	104	86	57	25
$1,000..	2 388	10	314	860	644	465	96
Corn ..... farms..	253	4	43	80	67	43	16
$1,000..	1 483	7	220	467	429	302	58
Wheat ..... farms..	80	2	8	16	27	16	11
$1,000..	72	(D)	(D)	24	19	7	19
Soybeans ..... farms..	110	3	21	41	20	18	7
$1,000..	821	(D)	91	358	196	156	(D)
Sorghum, barley, and oats ..... farms..	15	–	3	3	8	–	1
$1,000..	(D)	–	(D)	(D)	(Z)	–	(D)
Cotton ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	1	–	–	1	–	–	–
$1,000..	(D)	–	–	(D)	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms..	21 919	190	1 618	5 415	6 805	4 896	2 995
acres..	1 652 521	15 886	124 644	414 769	510 783	373 798	212 641
Harvested cropland ..... farms..	18 127	173	1 419	4 664	5 699	3 970	2 202
acres..	1 162 427	13 682	100 437	319 887	362 062	252 114	114 245
Farms by acres harvested:							
1 to 49 acres	11 856	94	860	2 989	3 736	2 577	1 600
50 to 99 acres	3 097	40	261	778	962	706	350
100 to 199 acres	1 996	23	182	531	658	435	167
200 to 499 acres	945	11	98	296	274	207	59
500 to 999 acres	183	5	15	57	50	36	20
1,000 to 1,999 acres	42	–	2	11	17	7	5
2,000 acres or more	8	–	1	2	2	2	1
Cropland:							
Pasture or grazing only ..... farms..	7 773	46	545	2 107	2 616	1 684	775
acres..	179 235	958	10 696	41 797	57 731	42 763	25 290
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	2 780	10	128	556	899	677	510
acres..	92 405	294	3 171	13 723	27 523	23 237	24 457
On which all crops failed ..... farms..	836	5	61	224	269	185	92
acres..	14 666	92	1 190	3 561	4 762	3 147	1 914
In cultivated summer fallow ..... farms..	1 107	10	69	260	343	281	144
acres..	22 698	187	1 581	5 329	7 104	5 816	2 681
Idle ..... farms..	5 617	24	326	1 218	1 694	1 375	980
acres..	181 090	673	7 569	30 472	51 601	46 721	44 054
Total woodland ..... farms..	12 066	57	672	2 807	3 780	2 898	1 852
acres..	447 724	1 712	18 846	83 844	133 402	119 300	90 620
Woodland pastured ..... farms..	2 214	12	137	566	686	515	298
acres..	51 919	176	3 313	11 071	14 931	13 264	9 164
Woodland not pastured ..... farms..	10 919	50	590	2 524	3 447	2 627	1 681
acres..	395 805	1 536	15 533	72 773	118 471	106 036	81 456

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	5 876	2 625	33	132	476	573	651	760
acres..	187 975	117 954	582	3 643	18 564	26 824	30 582	37 759
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	32 389	15 611	92	766	2 471	3 156	3 791	5 335
acres..	650 347	409 097	1 902	15 590	70 111	93 518	108 718	119 258
Irrigated land ..... farms..	3 752	2 537	32	183	617	674	544	487
acres..	393 485	365 896	3 885	27 961	99 851	99 405	81 916	52 878
Harvested cropland irrigated ..... farms..	3 669	2 515	32	182	611	668	541	481
acres..	390 636	363 949	3 885	27 898	99 363	99 076	81 184	52 543
Pasture and other land irrigated ..... farms..	161	68	–	4	20	18	14	12
acres..	2 849	1 947	–	63	488	329	732	335
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	5 251	1 986	7	55	229	333	469	893
acres..	287 081	117 334	256	3 198	10 741	16 173	27 210	59 756
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings ..... farms..	46 040	21 991	252	1 250	3 547	4 260	5 190	7 492
$1,000..	16 489 949	11 584 432	101 366	647 703	2 435 170	2 942 258	2 774 926	2 683 009
Average per farm ..... dollars..	358 166	526 781	402 244	518 162	686 544	690 671	534 668	358 117
Average per acre ..... dollars..	1 671	1 562	1 487	1 556	1 532	1 611	1 541	1 565
Farms by value group:								
$1 to $39,999	2 925	994	21	58	96	178	229	412
$40,000 to $69,999	3 781	1 263	33	57	136	201	162	674
$70,000 to $99,999	4 603	1 628	22	87	154	255	390	720
$100,000 to $149,999	7 553	2 656	26	183	375	362	566	1 144
$150,000 to $199,999	5 941	2 277	16	124	243	362	567	965
$200,000 to $499,999	13 173	6 747	75	375	1 188	1 287	1 712	2 110
$500,000 to $999,999	4 701	3 444	45	177	622	762	916	922
$1,000,000 to $1,999,999	2 280	1 984	8	144	507	513	428	384
$2,000,000 to $4,999,999	921	843	4	37	182	294	190	136
$5,000,000 or more	162	155	2	8	44	46	30	25
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms..	46 039	21 990	252	1 249	3 547	4 260	5 190	7 492
$1,000..	3 055 199	2 268 133	20 915	125 313	505 277	574 551	553 181	488 895
Farms by value group:								
$1 to $4,999	3 530	978	8	49	93	125	175	528
$5,000 to $9,999	5 476	1 689	–	92	227	256	409	705
$10,000 to $19,999	8 759	3 017	74	172	326	360	601	1 484
$20,000 to $49,999	12 691	5 379	57	252	653	919	1 373	2 125
$50,000 to $99,999	7 258	4 123	29	291	682	817	986	1 318
$100,000 to $199,999	4 553	3 352	56	183	689	809	855	760
$200,000 to $499,999	3 116	2 832	25	182	714	787	652	472
$500,000 or more	656	620	3	28	163	187	139	100
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ..... farms..	39 295	19 942	207	1 072	3 348	4 014	4 830	6 471
number..	76 320	46 510	406	2 344	9 060	10 984	11 486	12 230
Wheel tractors ..... farms..	42 549	20 474	215	1 050	3 164	3 941	4 937	7 167
number..	115 020	66 762	535	3 024	11 242	14 389	16 637	20 935
Less than 40 horsepower (PTO) ..... farms..	24 842	11 344	83	518	1 625	2 151	2 769	4 198
number..	38 792	19 006	153	852	2 717	3 548	4 624	7 112
40 horsepower (PTO) or more ..... farms..	33 633	17 445	170	908	2 762	3 403	4 294	5 908
number..	76 228	47 756	382	2 172	8 525	10 841	12 013	13 823
40 to 99 horsepower (PTO) ..... farms..	30 648	15 860	138	734	2 416	3 082	3 989	5 501
number..	52 624	30 489	241	1 228	4 897	6 400	7 724	9 999
100 horsepower (PTO) or more ..... farms..	13 905	8 912	85	564	1 705	2 012	2 250	2 296
number..	23 604	17 267	141	944	3 628	4 441	4 289	3 824
Grain and bean combines ..... farms..	14 570	9 328	84	486	1 641	1 837	2 368	2 912
number..	17 075	11 100	91	578	2 021	2 223	2 831	3 356
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	17 162	9 063	46	401	1 434	1 845	2 351	2 986
number..	18 578	9 865	46	415	1 664	2 025	2 544	3 171
Pickup balers ..... farms..	16 864	9 095	63	465	1 376	1 798	2 322	3 071
number..	20 995	11 732	73	606	1 823	2 367	2 996	3 867
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ..... farms..	29 377	16 848	201	980	2 901	3 260	4 082	5 424
acres on which used..	5 612 394	4 714 886	50 761	304 518	1 156 890	1 232 697	1 109 574	860 446
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms..	9 816	6 580	49	449	1 304	1 442	1 635	1 701
acres on which used..	1 252 567	1 104 096	4 911	73 946	274 049	295 826	255 035	200 329
Nematodes in crops ..... farms..	1 010	672	10	69	107	153	176	157
acres on which used..	122 416	100 142	247	7 405	25 928	21 178	25 510	19 874
Diseases in crops and orchards ..... farms..	4 101	2 683	15	154	551	616	675	672
acres on which used..	369 437	326 041	2 113	26 895	77 549	91 299	74 373	53 812
Weeds, grass, or brush in crops and pasture ..... farms..	20 327	12 397	148	772	2 405	2 493	3 046	3 533
acres on which used..	4 321 549	3 639 753	44 920	232 054	925 137	987 293	839 536	610 813
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	1 391	924	4	57	211	216	214	222
acres on which used..	129 348	111 567	310	11 027	30 953	24 708	28 871	15 698

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	3 251	30	271	897	1 038	617	398
acres..	70 021	480	5 098	16 622	20 704	14 964	12 153
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	16 778	87	1 069	4 154	5 292	3 813	2 363
acres..	241 250	960	12 418	46 036	69 035	65 590	47 211
Irrigated land ..... farms..	1 215	9	80	335	392	255	144
acres..	27 589	15	969	4 970	9 884	7 051	4 700
Harvested cropland irrigated ..... farms..	1 154	8	71	323	369	248	135
acres..	26 687	(D)	(D)	4 796	9 481	6 892	4 592
Pasture and other land irrigated ..... farms..	93	1	9	21	39	9	14
acres..	902	(D)	(D)	174	403	159	108
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	3 265	12	103	493	849	850	958
acres..	169 747	460	4 064	19 780	42 163	45 479	57 801
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings ..... farms..	24 049	332	1 772	6 134	7 067	5 334	3 410
$1,000..	4 905 517	57 803	296 828	1 193 019	1 533 015	1 202 781	622 072
Average per farm ..... dollars..	203 980	174 104	167 510	194 493	216 926	225 493	182 426
Average per acre ..... dollars..	2 001	1 844	1 751	2 068	2 083	2 103	1 697
Farms by value group:							
$1 to $39,999	1 931	37	214	529	473	415	263
$40,000 to $69,999	2 518	59	268	601	619	394	577
$70,000 to $99,999	2 975	50	258	712	862	674	419
$100,000 to $149,999	4 897	64	370	1 325	1 509	951	678
$150,000 to $199,999	3 664	33	182	953	1 098	834	564
$200,000 to $499,999	6 426	66	391	1 620	1 966	1 648	735
$500,000 to $999,999	1 257	14	67	328	418	318	112
$1,000,000 to $1,999,999	296	9	21	55	96	61	54
$2,000,000 to $4,999,999	78	–	1	10	23	37	7
$5,000,000 or more	7	–	–	1	3	2	1
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms..	24 049	332	1 772	6 134	7 067	5 334	3 410
$1,000..	787 067	11 796	61 630	196 787	246 734	173 684	96 436
Farms by value group:							
$1 to $4,999	2 552	11	197	542	697	652	453
$5,000 to $9,999	3 787	49	252	946	1 097	730	713
$10,000 to $19,999	5 742	67	442	1 611	1 593	1 213	816
$20,000 to $49,999	7 312	117	502	1 882	2 296	1 632	883
$50,000 to $99,999	3 135	61	252	811	876	782	353
$100,000 to $199,999	1 201	26	75	272	398	274	156
$200,000 to $499,999	284	1	46	60	101	44	32
$500,000 or more	36	–	6	10	9	7	4
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms..	19 353	271	1 474	5 075	5 751	4 204	2 578
number..	29 810	435	2 264	7 938	8 819	6 434	3 920
Wheel tractors ..... farms..	22 075	325	1 583	5 531	6 513	4 974	3 149
number..	48 258	715	3 300	11 654	14 702	11 210	6 677
Less than 40 horsepower (PTO) ..... farms..	13 498	172	896	3 383	3 949	3 151	1 947
number..	19 786	231	1 260	4 775	5 844	4 724	2 952
40 horsepower (PTO) or more ..... farms..	16 188	283	1 201	4 092	4 879	3 534	2 199
number..	28 472	484	2 040	6 879	8 858	6 486	3 725
40 to 99 horsepower (PTO) ..... farms..	14 788	238	1 021	3 681	4 508	3 289	2 051
number..	22 135	357	1 467	5 306	6 915	5 091	2 999
100 horsepower (PTO) or more ..... farms..	4 993	94	480	1 290	1 487	1 040	602
number..	6 337	127	573	1 573	1 943	1 395	726
Grain and bean combines ..... farms..	5 242	143	450	1 333	1 605	1 170	541
number..	5 975	179	498	1 529	1 829	1 314	626
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	8 099	124	509	2 149	2 474	1 944	899
number..	8 713	145	550	2 302	2 640	2 100	976
Pickup balers ..... farms..	7 769	133	549	2 036	2 362	1 802	887
number..	9 263	175	639	2 424	2 874	2 131	1 020
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms..	12 529	236	1 069	3 219	3 915	2 694	1 396
acres on which used..	897 508	17 345	85 185	241 114	284 671	194 431	74 762
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms..	3 236	58	251	908	920	651	448
acres on which used..	148 471	3 679	10 889	31 218	44 556	36 089	22 040
Nematodes in crops ..... farms..	338	–	43	96	103	56	40
acres on which used..	22 274	–	3 383	4 963	5 097	2 705	6 126
Diseases in crops and orchards ..... farms..	1 418	22	132	333	454	268	209
acres on which used..	43 396	1 699	3 941	9 735	12 393	9 346	6 282
Weeds, grass, or brush in crops and pasture ..... farms..	7 930	167	787	2 183	2 483	1 582	728
acres on which used..	681 796	13 227	75 924	195 617	214 032	138 868	44 128
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	467	1	54	88	123	109	92
acres on which used..	17 781	(D)	3 883	3 722	3 645	3 745	(D)

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
TENURE AND RACE OF OPERATOR								
All operators	46 027	22 043	235	1 312	3 771	4 479	5 145	7 101
Full owners	27 933	11 000	70	381	1 191	1 709	2 544	5 105
Part owners	15 497	9 825	73	667	2 211	2 540	2 465	1 869
Tenants	2 597	1 218	92	264	369	230	136	127
White	45 708	21 909	235	1 306	3 753	4 438	5 121	7 056
Full owners	27 694	10 902	70	375	1 184	1 679	2 528	5 066
Part owners	15 427	9 792	73	667	2 201	2 529	2 457	1 865
Tenants	2 587	1 215	92	264	368	230	136	125
Black and other races	319	134	–	6	18	41	24	45
Full owners	239	98	–	6	7	30	16	39
Part owners	70	33	–	–	10	11	8	4
Tenants	10	3	–	–	1	–	–	2
OWNED AND RENTED LAND								
Land owned ... farms	43 517	20 866	143	1 053	3 411	4 257	5 020	6 982
acres	6 511 133	4 510 913	22 925	156 027	726 230	1 050 790	1 214 653	1 340 288
Owned land in farms ... farms	43 430	20 825	143	1 048	3 402	4 249	5 009	6 974
acres	6 054 109	4 269 260	21 794	150 886	698 151	1 009 742	1 152 113	1 236 574
Land rented or leased from others ... farms	18 234	11 115	165	935	2 589	2 776	2 620	2 030
acres	3 852 924	3 214 804	32 832	296 173	912 868	926 129	650 605	396 197
landlords	66 298	48 468	632	3 982	12 967	13 403	10 514	6 970
Rented or leased land in farms ... farms	18 094	11 043	165	931	2 580	2 770	2 601	1 996
acres	3 818 703	3 192 036	32 829	293 444	908 142	921 261	645 422	390 938
Land rented or leased to others ... farms	6 290	2 682	14	99	320	437	592	1 220
acres	491 245	264 421	1 134	7 870	32 805	45 916	67 723	108 973
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	37 077	18 454	143	974	3 033	3 769	4 442	6 093
Not on farm operated	6 043	2 098	70	254	481	438	376	479
Not reported	2 907	1 491	22	84	257	272	327	529
Operators by principal occupation:								
Farming	22 043	22 043	235	1 312	3 771	4 479	5 145	7 101
Other	23 984	–	–	–	–	–	–	–
Operators by days worked off farm:								
None	17 964	14 549	106	650	2 132	2 690	3 474	5 497
Any	25 906	5 337	111	566	1 340	1 435	1 246	639
1 to 99 days	3 489	2 536	45	250	587	605	629	420
100 to 199 days	3 849	1 240	24	128	313	339	318	118
200 days or more	18 568	1 561	42	188	440	491	299	101
Not reported	2 157	2 157	18	96	299	354	425	965
Operators by years on present farm:								
2 years or less	1 810	580	56	136	162	113	63	50
3 or 4 years	2 532	756	50	181	239	146	88	52
5 to 9 years	5 715	1 869	26	406	558	430	275	174
10 years or more	28 751	15 243	–	384	2 244	3 165	3 959	5 491
Average years on present farm	21.6	26.4	3.2	8.0	14.3	20.6	28.3	39.6
Not reported	7 219	3 595	103	205	568	625	760	1 334
Operators by age group:								
Under 25 years	459	235	235	–	–	–	–	–
25 to 34 years	3 114	1 312	–	1 312	–	–	–	–
35 to 44 years	9 770	3 771	–	–	3 771	–	–	–
45 to 49 years	5 906	2 185	–	–	–	2 185	–	–
50 to 54 years	5 978	2 294	–	–	–	2 294	–	–
55 to 59 years	5 598	2 473	–	–	–	–	2 473	–
60 to 64 years	4 812	2 672	–	–	–	–	2 672	–
65 to 69 years	3 901	2 547	–	–	–	–	–	2 547
70 years and over	6 489	4 554	–	–	–	–	–	4 554
Average age	53.3	56.3	21.3	30.7	39.9	49.5	59.6	72.7
Operators by sex:								
Male	42 094	20 285	220	1 213	3 390	4 081	4 802	6 579
Female	3 933	1 758	15	99	381	398	343	522
Operators of Spanish, Hispanic, or Latino origin (see text)	280	157	1	14	16	39	35	52
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ... farms	40 190	18 274	204	1 087	2 971	3 558	4 354	6 100
acres	7 205 435	5 126 612	40 360	318 617	1 087 160	1 298 609	1 271 165	1 110 701
Partnership ... farms	3 778	2 444	23	137	484	533	498	769
acres	1 717 866	1 503 992	12 529	72 763	321 107	382 709	327 478	387 406
Corporation:								
Family held ... farms	1 662	1 145	7	72	273	339	260	194
acres	842 331	759 978	(D)	48 297	175 503	229 549	180 936	(D)
More than 10 stockholders ... farms	30	20	–	1	4	9	4	2
10 or less stockholders ... farms	1 632	1 125	7	71	269	330	256	192
Other than family held ... farms	172	80	–	8	24	29	12	7
acres	41 864	24 112	–	2 221	4 546	9 288	(D)	(D)
More than 10 stockholders ... farms	17	6	–	–	1	5	–	–
10 or less stockholders ... farms	155	74	–	8	23	24	12	7
Other—cooperative, estate or trust, institutional, etc. ... farms	225	100	1	8	19	20	21	31
acres	65 316	46 602	(D)	2 432	17 977	10 848	(D)	(D)

See footnotes at end of table.

USDA, National Agricultural Statistics Service

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
TENURE AND RACE OF OPERATOR							
All operators	23 984	224	1 802	5 999	7 405	5 265	3 289
Full owners	16 933	80	957	3 714	5 226	4 065	2 891
Part owners	5 672	35	517	1 838	1 874	1 080	328
Tenants	1 379	109	328	447	305	120	70
White	23 799	221	1 791	5 948	7 352	5 224	3 263
Full owners	16 792	79	949	3 680	5 186	4 030	2 868
Part owners	5 635	35	515	1 822	1 863	1 075	325
Tenants	1 372	107	327	446	303	119	70
Black and other races	185	3	11	51	53	41	26
Full owners	141	1	8	34	40	35	23
Part owners	37	–	2	16	11	5	3
Tenants	7	2	1	1	2	1	–
OWNED AND RENTED LAND							
Land owned ... farms	22 651	117	1 478	5 560	7 118	5 151	3 227
acres	2 000 220	7 371	95 023	382 696	596 963	530 084	388 083
Owned land in farms ... farms	22 605	115	1 474	5 552	7 100	5 145	3 219
acres	1 784 849	6 788	86 901	350 239	538 521	473 040	329 360
Land rented or leased from others ... farms	7 119	144	848	2 300	2 202	1 216	409
acres	638 120	12 407	75 084	213 672	198 993	103 454	34 510
landlords	17 830	340	2 076	5 685	5 546	3 151	1 032
Rented or leased land in farms ... farms	7 051	144	845	2 285	2 179	1 200	398
acres	626 667	12 250	74 105	211 032	195 403	100 612	33 265
Land rented or leased to others ... farms	3 608	13	207	725	1 048	923	692
acres	226 824	740	9 101	35 097	62 032	59 886	59 968
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	18 623	119	1 307	4 805	5 953	4 076	2 363
Not on farm operated	3 945	91	395	905	1 047	873	634
Not reported	1 416	14	100	289	405	316	292
Operators by principal occupation:							
Farming	–	–	–	–	–	–	–
Other	23 984	224	1 802	5 999	7 405	5 265	3 289
Operators by days worked off farm:							
None	3 415	8	72	242	362	788	1 943
Any	20 569	216	1 730	5 757	7 043	4 477	1 346
1 to 99 days	953	7	43	166	200	245	292
100 to 199 days	2 609	24	147	533	865	712	328
200 days or more	17 007	185	1 540	5 058	5 978	3 520	726
Not reported	–	–	–	–	–	–	–
Operators by years on present farm:							
2 years or less	1 230	57	294	450	260	119	50
3 or 4 years	1 776	53	382	658	454	171	58
5 to 9 years	3 846	35	574	1 484	1 112	496	145
10 years or more	13 508	–	302	2 684	4 595	3 681	2 246
Average years on present farm	17.2	3.3	6.1	10.7	16.1	22.5	32.1
Not reported	3 624	79	250	723	984	798	790
Operators by age group:							
Under 25 years	224	224	–	–	–	–	–
25 to 34 years	1 802	–	1 802	–	–	–	–
35 to 44 years	5 999	–	–	5 999	–	–	–
45 to 49 years	3 721	–	–	–	3 721	–	–
50 to 54 years	3 684	–	–	–	3 684	–	–
55 to 59 years	3 125	–	–	–	–	3 125	–
60 to 64 years	2 140	–	–	–	–	2 140	–
65 to 69 years	1 354	–	–	–	–	–	1 354
70 years and over	1 935	–	–	–	–	–	1 935
Average age	50.6	21.6	30.8	40.1	49.4	58.9	72.1
Operators by sex:							
Male	21 809	205	1 647	5 466	6 835	4 871	2 785
Female	2 175	19	155	533	570	394	504
Operators of Spanish, Hispanic, or Latino origin (see text)	123	3	11	29	40	19	21
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ... farms	21 916	207	1 636	5 543	6 827	4 780	2 923
acres	2 078 823	16 393	131 271	493 195	641 807	490 127	306 030
Partnership ... farms	1 334	14	118	314	333	306	249
acres	213 874	(D)	(D)	53 838	46 851	56 314	33 580
Corporation:							
Family held ... farms	517	3	33	109	177	125	70
acres	82 353	(D)	(D)	10 510	31 876	18 166	14 677
More than 10 stockholders ... farms	10	–	1	–	1	5	3
10 or less stockholders ... farms	507	3	32	109	176	120	67
Other than family held ... farms	92	–	5	15	44	14	14
acres	17 752	–	624	2 152	7 607	2 849	4 520
More than 10 stockholders ... farms	11	–	1	1	6	2	1
10 or less stockholders ... farms	81	–	4	14	38	12	13
Other—cooperative, estate or trust, institutional, etc. ... farms	125	–	10	18	24	40	33
acres	18 714	–	1 341	1 576	5 783	6 196	3 818

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
INJURIES AND DEATHS								
Farm-related injuries:								
Operator and family members ..... farms..	448	295	5	27	77	83	53	50
number..	503	329	5	30	85	94	59	56
Hired workers ..... farms..	364	320	3	13	81	113	69	41
number..	554	480	4	16	129	169	92	70
Farm-related deaths:								
Operator and family members ..... farms..	7	6	–	–	3	1	–	2
number..	7	(D)	–	–	(D)	(D)	–	(D)
Hired workers ..... farms..	4	2	1	–	1	–	–	–
number..	4	(D)	(D)	–	(D)	–	–	–
FARMS BY SIZE								
1 to 9 acres	2 611	804	19	58	195	192	135	205
10 to 49 acres	12 075	3 425	47	226	524	604	776	1 248
50 to 69 acres	3 563	1 214	20	79	160	202	254	499
70 to 99 acres	5 801	2 219	26	107	261	315	500	1 010
100 to 139 acres	4 572	2 077	20	136	258	313	471	879
140 to 179 acres	3 503	1 753	19	96	219	274	400	745
180 to 219 acres	2 401	1 391	20	75	204	240	334	518
220 to 259 acres	1 683	1 063	15	67	162	229	240	350
260 to 499 acres	4 905	3 665	24	190	729	833	948	941
500 to 999 acres	3 201	2 833	17	182	675	765	723	471
1,000 to 1,999 acres	1 338	1 240	4	78	294	404	282	178
2,000 acres or more	374	359	4	18	90	108	82	57
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	16 307	8 100	109	468	1 195	1 430	1 896	3 002
Vegetable and melon farming (1112)	1 428	858	12	61	162	190	206	227
Fruit and tree nut farming (1113)	2 668	1 498	8	55	248	303	340	544
Greenhouse, nursery, and floriculture production (1114)	3 054	1 277	7	60	247	317	319	327
Other crop farming (1119)	6 191	2 371	27	103	273	360	523	1 085
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	6 191	2 371	27	103	273	360	523	1 085
Beef cattle ranching and farming (112111)	4 765	1 875	19	90	209	304	494	759
Cattle feedlots (112112)	1 791	733	8	34	105	146	172	268
Dairy cattle and milk production (11212)	3 177	2 986	28	257	789	821	643	448
Hog and pig farming (1122)	1 178	656	9	76	158	167	142	104
Poultry and egg production (1123)	400	161	–	4	54	39	40	24
Sheep and goat farming (1124)	681	217	1	10	34	57	47	68
Animal aquaculture and other animal production (1125, 1129)	4 387	1 311	7	94	297	345	323	245
LIVESTOCK								
Cattle and calves inventory ..... farms..	15 468	8 549	95	574	1 660	1 910	2 019	2 291
number..	1 025 702	871 310	5 342	56 571	196 061	240 654	205 513	167 169
Farms with—								
1 to 9	3 913	1 188	11	74	201	225	249	428
10 to 49	6 732	3 187	53	206	461	579	784	1 104
50 to 99	2 148	1 645	14	128	351	391	405	356
100 to 199	1 497	1 388	11	100	364	356	321	236
200 to 499	955	928	6	55	242	296	206	123
500 or more	223	213	–	11	41	63	54	44
Cows and heifers that had calved ..... farms..	11 140	6 529	63	442	1 276	1 479	1 550	1 719
number..	417 040	359 398	1 923	27 292	80 512	97 379	84 490	67 802
Beef cows ..... farms..	7 566	3 287	34	160	456	575	865	1 197
number..	116 399	68 609	408	2 951	10 576	12 245	19 711	22 718
Farms with—								
1 to 9	3 880	1 354	18	75	207	222	330	502
10 to 49	3 289	1 622	14	72	188	290	451	607
50 to 99	304	228	2	8	42	48	60	68
100 to 199	79	71	–	5	18	15	17	16
200 to 499	11	9	–	–	–	–	5	4
500 or more	3	3	–	–	1	–	2	–
Milk cows ..... farms..	3 990	3 554	32	307	895	966	748	606
number..	300 641	290 789	1 515	24 341	69 936	85 134	64 779	45 084
Farms with—								
1 to 4	334	157	2	12	30	28	22	63
5 to 9	154	104	–	20	17	23	14	30
10 to 49	1 493	1 336	20	133	345	347	278	213
50 to 99	1 048	1 016	5	78	280	272	223	158
100 to 199	714	697	4	41	173	219	156	104
200 to 499	208	206	1	18	46	65	44	32
500 or more	39	38	–	5	4	12	11	6
Heifers and heifer calves ..... farms..	10 594	6 378	73	426	1 282	1 497	1 477	1 623
number..	321 816	284 066	1 901	17 877	67 815	84 358	61 411	50 704
Steers, steer calves, bulls, and bull calves ..... farms..	12 981	7 104	81	451	1 334	1 588	1 707	1 943
number..	286 846	227 846	1 518	11 402	47 734	58 917	59 612	48 663

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members ..... farms..	153	2	15	45	52	24	15
number..	174	(D)	(D)	49	57	30	21
Hired workers ..... farms..	44	–	2	8	17	13	4
number..	74	–	(D)	12	23	25	(D)
Farm-related deaths:							
Operator and family members ..... farms..	1	–	–	–	1	–	–
number..	(D)	–	–	–	(D)	–	–
Hired workers ..... farms..	2	–	–	–	–	2	–
number..	(D)	–	–	–	–	(D)	–
FARMS BY SIZE							
1 to 9 acres	1 807	42	173	547	546	300	199
10 to 49 acres	8 650	77	735	2 336	2 776	1 733	993
50 to 69 acres	2 349	17	166	580	702	537	347
70 to 99 acres	3 582	28	243	820	1 047	824	620
100 to 139 acres	2 495	18	153	577	744	616	387
140 to 179 acres	1 750	16	108	327	576	439	284
180 to 219 acres	1 010	7	60	244	314	249	136
220 to 259 acres	620	6	45	151	195	156	67
260 to 499 acres	1 240	8	93	297	355	303	184
500 to 999 acres	368	5	19	97	115	82	50
1,000 to 1,999 acres	98	–	6	19	33	23	17
2,000 acres or more	15	–	1	4	2	3	5
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	8 207	111	702	1 851	2 290	1 861	1 392
Vegetable and melon farming (1112)	570	5	54	153	163	134	61
Fruit and tree nut farming (1113)	1 170	5	46	279	374	270	196
Greenhouse, nursery, and floriculture production (1114)	1 777	7	90	447	552	413	268
Other crop farming (1119)	3 820	22	242	869	1 191	871	625
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	3 820	22	242	869	1 191	871	625
Beef cattle ranching and farming (112111)	2 890	27	212	803	912	643	293
Cattle feedlots (112112)	1 058	11	105	333	349	205	55
Dairy cattle and milk production (11212)	191	1	18	64	58	33	17
Hog and pig farming (1122)	522	13	65	180	157	65	42
Poultry and egg production (1123)	239	3	28	78	79	32	19
Sheep and goat farming (1124)	464	5	29	136	169	85	40
Animal aquaculture and other animal production (1125, 1129)	3 076	14	211	806	1 111	653	281
LIVESTOCK							
Cattle and calves inventory ..... farms..	6 919	67	611	2 111	2 201	1 346	583
number..	154 392	1 207	11 553	43 692	51 151	31 460	15 329
Farms with—							
1 to 9	2 725	30	276	899	838	451	231
10 to 49	3 545	30	285	1 024	1 151	756	299
50 to 99	503	7	39	155	163	107	32
100 to 199	109	–	10	25	39	24	11
200 to 499	27	–	–	5	8	6	8
500 or more	10	–	1	3	2	2	2
Cows and heifers that had calved ..... farms..	4 611	41	375	1 287	1 525	974	409
number..	57 642	472	3 729	14 647	18 446	12 915	7 433
Beef cows ..... farms..	4 279	38	329	1 184	1 436	916	376
number..	47 790	(D)	(D)	12 099	15 783	10 897	5 333
Farms with—							
1 to 9	2 526	22	215	747	845	495	202
10 to 49	1 667	16	106	424	569	396	156
50 to 99	76	–	8	12	20	22	14
100 to 199	8	–	–	–	2	3	3
200 to 499	2	–	–	1	–	–	1
500 or more	–	–	–	–	–	–	–
Milk cows ..... farms..	436	4	53	130	130	78	41
number..	9 852	(D)	(D)	2 548	2 663	2 018	2 100
Farms with—							
1 to 4	177	2	23	57	56	27	12
5 to 9	50	–	9	12	16	5	8
10 to 49	157	2	21	49	41	34	10
50 to 99	32	–	–	9	10	8	5
100 to 199	17	–	–	3	7	3	4
200 to 499	2	–	–	–	–	1	1
500 or more	1	–	–	–	–	–	1
Heifers and heifer calves ..... farms..	4 216	35	343	1 268	1 390	846	334
number..	37 750	225	2 608	10 277	13 155	7 315	4 170
Steers, steer calves, bulls, and bull calves ..... farms..	5 877	60	493	1 819	1 887	1 148	470
number..	59 000	510	5 216	18 768	19 550	11 230	3 726

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.								
Cattle and calves sold ..... farms..	14 293	8 298	89	551	1 593	1 843	1 983	2 239
number..	537 681	430 740	2 280	24 026	98 563	109 859	112 842	83 170
$1,000..	276 971	236 284	1 148	10 440	50 748	58 538	67 764	47 647
Calves ..... farms..	6 739	4 205	49	319	904	976	974	983
number..	171 501	118 553	788	10 459	33 114	28 610	24 696	20 886
$1,000..	27 547	19 556	108	1 742	5 411	4 213	4 260	3 822
Cattle ..... farms..	11 752	6 916	71	441	1 316	1 531	1 680	1 877
number..	366 180	312 187	1 492	13 567	65 449	81 249	88 146	62 284
$1,000..	249 424	216 728	1 040	8 698	45 337	54 325	63 504	43 825
Fattened on grain and concentrates .... farms..	4 729	2 626	37	147	495	584	668	695
number..	210 652	189 299	710	5 393	40 800	51 122	55 867	35 407
$1,000..	164 956	149 151	536	4 285	32 221	38 589	44 672	28 848
Hogs and pigs inventory ..... farms..	2 853	1 491	24	154	385	363	313	252
number..	1 032 014	909 588	7 730	90 673	273 965	291 639	162 251	83 330
Farms with—								
1 to 24	1 424	508	9	41	127	119	98	114
25 to 49	248	119	3	9	26	27	28	26
50 to 99	274	159	5	16	34	43	37	24
100 to 199	226	156	1	20	45	31	37	22
200 to 499	265	186	2	22	49	49	33	31
500 or more	416	363	4	46	104	94	80	35
Used or to be used for breeding ..... farms..	1 524	901	13	95	225	220	192	156
number..	129 404	112 514	730	8 723	37 199	36 410	19 765	9 687
Other ..... farms..	2 673	1 415	22	150	364	339	304	236
number..	902 610	797 074	7 000	81 950	236 766	255 229	142 486	73 643
Hogs and pigs sold..... farms..	2 690	1 463	25	154	371	356	298	259
number..	2 206 940	1 973 670	17 391	201 345	583 875	703 435	314 808	152 816
$1,000..	228 488	202 999	2 093	19 104	68 192	63 151	34 327	16 131
Feeder pigs ..... farms..	481	287	6	33	73	68	69	38
number..	358 029	326 399	201	31 101	52 520	162 197	47 687	32 693
$1,000..	13 272	11 946	6	1 302	2 452	4 393	2 436	1 358
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 .... farms..	1 604	944	13	100	232	234	202	163
number..	194 794	171 174	1 165	14 090	56 384	54 502	31 065	13 968
Dec. 1 and May 31..... farms..	1 476	881	13	96	215	218	189	150
number..	97 977	86 415	566	7 359	28 947	25 865	16 284	7 394
June 1 and Nov. 30 ..... farms..	1 346	830	12	89	204	210	180	135
number..	96 817	84 759	599	6 731	27 437	28 637	14 781	6 574
Sheep and lambs of all ages inventory..... farms..	1 628	688	9	46	150	137	157	189
number..	72 107	44 434	203	1 769	8 965	10 684	11 263	11 550
Ewes 1 year old or older ..... farms..	1 379	578	8	39	121	105	134	171
number..	36 241	20 370	121	1 033	4 089	4 525	5 660	4 942
Sheep and lambs sold..... farms..	1 436	603	9	35	131	122	130	176
number..	77 146	53 884	152	1 322	10 310	19 442	13 928	8 730
Sheep and lambs shorn ..... farms..	1 257	528	6	30	106	101	116	169
number..	61 122	38 615	141	1 652	9 458	7 462	10 087	9 815
pounds of wool..	431 678	272 104	1 058	10 878	64 529	47 903	77 830	69 906
Horses and ponies inventory ..... farms..	9 090	3 211	28	265	672	791	790	665
number..	66 201	29 297	160	2 250	6 451	8 584	7 257	4 595
Horses and ponies sold..... farms..	2 482	909	6	80	199	254	233	137
number..	9 646	4 520	12	244	676	1 166	1 995	427
Goats inventory ..... farms..	1 245	444	6	33	135	97	99	74
number..	10 603	4 881	25	325	1 229	1 653	984	665
Goats sold ..... farms..	371	143	3	10	41	32	30	27
number..	4 168	2 140	5	522	534	534	309	236
POULTRY								
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	2 276	927	11	64	227	191	194	240
number..	6 043 468	5 955 325	(D)	1 633	(D)	(D)	(D)	(D)
Farms with—								
1 to 399	2 216	876	11	64	212	181	178	230
400 to 3,199	25	19	–	–	5	3	5	6
3,200 to 9,999.....	3	3	–	–	–	–	2	1
10,000 to 19,999	3	1	–	–	1	–	–	–
20,000 to 49,999	9	8	–	–	5	1	1	1
50,000 to 99,999	5	5	–	–	1	2	2	–
100,000 or more	15	15	–	–	3	4	6	2
Layers 20 weeks old and older ..... farms..	2 205	893	11	59	209	187	188	239
number..	4 928 067	4 872 508	(D)	1 462	720 622	1 136 209	2 017 717	(D)
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	370	167	2	13	48	30	37	37
number..	1 115 401	1 082 817	(D)	171	(D)	(D)	(D)	(D)
Layers, pullets, and pullet chicks sold (see text)..... farms..	299	145	–	7	51	30	34	23
number..	4 494 476	4 309 519	–	(D)	2 085 844	1 001 919	514 110	(D)
Broilers and other meat-type chickens sold .. farms..	336	110	–	10	34	32	20	14
number..	393 028	282 042	–	(D)	4 208	20 608	26 574	(D)
Farms with—								
1 to 1,999.....	327	104	–	9	34	31	16	14
2,000 to 59,999.....	7	5	–	–	–	1	4	–
60,000 to 99,999	1	–	–	–	–	–	–	–
100,000 or more	1	1	–	1	–	–	–	–
Turkey hens kept for breeding ..... farms..	185	74	3	1	20	19	14	17
number..	(D)	(D)	10	(D)	118	(D)	56	70
Turkeys sold ..... farms..	241	97	–	5	36	30	12	14
number..	6 480 843	(D)	–	(D)	1 332 300	1 915 841	1 225 741	(D)

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.							
Cattle and calves sold ..... farms..	5 995	58	518	1 807	1 893	1 229	490
number..	106 941	550	8 576	45 267	27 327	16 620	8 601
$1,000..	40 687	279	3 465	12 901	12 334	8 048	3 658
Calves ..... farms..	2 534	28	217	726	784	535	244
number..	52 948	180	4 238	29 230	11 237	4 857	3 206
$1,000..	7 991	46	792	2 914	2 507	1 070	663
Cattle ..... farms..	4 836	40	408	1 473	1 572	979	364
number..	53 993	370	4 338	16 037	16 090	11 763	5 395
$1,000..	32 695	233	2 674	9 988	9 827	6 979	2 995
Fattened on grain and concentrates .... farms..	2 103	17	187	700	673	413	113
number..	21 353	138	1 459	6 907	6 764	4 749	1 336
$1,000..	15 805	105	1 054	5 297	4 988	3 413	948
Hogs and pigs inventory ..... farms..	1 362	17	157	505	417	175	91
number..	122 426	2 377	14 405	33 145	46 514	12 802	13 183
Farms with—							
1 to 24	916	11	99	363	263	111	69
25 to 49	129	2	17	39	44	25	2
50 to 99	115	3	8	41	41	12	10
100 to 199	70	–	7	20	29	9	5
200 to 499	79	–	13	28	26	12	–
500 or more	53	1	13	14	14	6	5
Used or to be used for breeding ..... farms..	623	14	59	220	202	87	41
number..	16 890	162	915	4 068	8 101	2 517	1 127
Other ..... farms..	1 258	15	148	467	385	162	81
number..	105 536	2 215	13 490	29 077	38 413	10 285	12 056
Hogs and pigs sold..... farms..	1 227	18	139	474	383	147	66
number..	233 270	2 775	27 828	70 645	80 239	35 661	16 122
$1,000..	25 489	326	2 993	7 448	9 409	3 496	1 817
Feeder pigs ..... farms..	194	1	19	65	69	30	10
number..	31 630	(D)	857	11 762	5 897	12 393	(D)
$1,000..	1 326	(D)	33	414	242	612	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	660	14	62	231	213	98	42
number..	23 620	317	1 257	5 741	10 780	4 217	1 308
Dec. 1 and May 31..... farms..	595	14	59	207	188	88	39
number..	11 562	151	680	2 822	5 101	2 127	681
June 1 and Nov. 30 ..... farms..	516	11	48	181	171	72	33
number..	12 058	166	577	2 919	5 679	2 090	627
Sheep and lambs of all ages inventory..... farms..	940	5	70	311	301	166	87
number..	27 673	256	2 145	7 681	9 257	6 009	2 325
Ewes 1 year old or older ..... farms..	801	5	57	259	265	143	72
number..	15 871	161	1 417	4 504	5 296	3 138	1 355
Sheep and lambs sold..... farms..	833	6	66	276	261	153	71
number..	23 262	118	2 800	6 828	7 716	4 007	1 793
Sheep and lambs shorn ..... farms..	729	5	51	229	241	134	69
number..	22 507	193	2 491	6 761	7 485	4 005	1 572
pounds of wool..	159 574	1 315	14 203	49 853	53 685	29 010	11 508
Horses and ponies inventory ..... farms..	5 879	35	436	1 728	2 080	1 145	455
number..	36 904	160	2 280	9 527	13 857	7 951	3 129
Horses and ponies sold..... farms..	1 573	8	132	445	592	298	98
number..	5 126	16	337	1 131	2 107	919	616
Goats inventory ..... farms..	801	8	59	284	279	122	49
number..	5 722	22	246	2 212	2 099	813	330
Goats sold ..... farms..	228	4	14	81	84	32	13
number..	2 028	29	133	606	640	502	118
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	1 349	2	128	479	419	209	112
number..	88 143	(D)	14 028	23 075	(D)	4 886	5 444
Farms with—							
1 to 399	1 340	2	127	476	416	209	110
400 to 3,199	6	–	–	2	2	–	2
3,200 to 9,999.....	–	–	–	–	–	–	–
10,000 to 19,999	2	–	1	1	–	–	–
20,000 to 49,999	1	–	–	–	1	–	–
50,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Layers 20 weeks old and older ..... farms..	1 312	2	124	465	409	203	109
number..	55 559	(D)	13 584	21 668	(D)	4 347	4 700
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	203	1	19	63	69	31	20
number..	32 584	(D)	444	1 407	(D)	539	744
Layers, pullets, and pullet chicks sold (see text)..... farms..	154	4	13	58	39	26	14
number..	184 957	157	(D)	12 638	(D)	1 003	953
Broilers and other meat-type chickens sold .. farms..	226	2	21	102	70	17	14
number..	110 986	(D)	1 795	21 401	(D)	3 148	2 423
Farms with—							
1 to 1,999.....	223	2	21	100	69	17	14
2,000 to 59,999.....	2	–	–	2	–	–	–
60,000 to 99,999	1	–	–	–	1	–	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	111	–	8	29	42	26	6
number..	354	–	31	115	119	75	14
Turkeys sold ..... farms..	144	–	14	63	51	10	6
number..	(D)	–	200	12 384	(D)	322	(D)

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms..	16 712	10 885	129	742	2 107	2 373	2 610	2 924
acres..	2 122 283	1 828 070	16 089	120 599	433 063	509 795	426 404	322 120
bushels..	238 319 129	208 468 781	1 893 817	13 931 575	50 227 995	58 836 155	48 641 192	34 938 047
Irrigated ..... farms..	780	653	11	56	169	172	132	113
acres..	164 236	155 119	1 325	11 496	39 924	48 783	29 464	24 127
Farms by acres harvested:								
1 to 24 acres	4 915	2 186	29	144	287	321	505	900
25 to 99 acres	6 160	3 778	58	259	637	714	898	1 212
100 to 249 acres	3 298	2 728	28	188	609	677	703	523
250 to 499 acres	1 485	1 372	8	102	358	404	321	179
500 acres or more	854	821	6	49	216	257	183	110
Corn for silage or green chop ..... farms..	4 817	3 868	37	300	908	1 000	910	713
acres..	279 786	260 212	2 725	18 958	56 629	78 279	61 873	41 748
tons, green..	4 001 045	3 766 793	41 502	296 951	831 302	1 166 992	851 808	578 238
Irrigated ..... farms..	94	83	–	11	20	17	18	17
acres..	6 165	5 816	–	1 152	851	1 879	1 014	920
Farms by acres harvested:								
1 to 24 acres	2 012	1 280	9	132	294	272	294	279
25 to 99 acres	1 995	1 804	19	121	441	479	435	309
100 to 249 acres	665	644	7	37	145	205	147	103
250 to 499 acres	106	101	1	6	24	29	22	19
500 acres or more	39	39	1	4	4	15	12	3
Wheat for grain ..... farms..	8 976	6 331	50	340	1 086	1 299	1 563	1 993
acres..	499 742	419 907	2 983	22 696	92 085	106 560	104 199	91 384
bushels..	28 432 159	24 182 185	153 589	1 367 244	5 475 549	6 175 862	6 045 165	4 964 776
Irrigated ..... farms..	65	56	1	2	19	11	13	10
acres..	7 737	7 502	(D)	(D)	2 661	863	2 887	851
Farms by acres harvested:								
1 to 24 acres	3 781	2 200	20	110	248	323	539	960
25 to 99 acres	3 821	2 873	24	150	526	621	727	825
100 to 249 acres	1 107	1 005	4	73	247	278	230	173
250 to 499 acres	217	205	1	5	51	66	53	29
500 acres or more	50	48	1	2	14	11	14	6
Oats for grain ..... farms..	3 707	2 609	19	135	481	525	676	773
acres..	77 588	62 414	362	2 984	12 876	14 099	15 618	16 475
bushels..	4 624 435	3 790 687	24 616	173 380	764 249	913 452	944 699	970 291
Irrigated ..... farms..	18	17	–	3	2	5	3	4
acres..	727	(D)	–	80	(D)	151	(D)	176
Soybeans for beans ..... farms..	12 561	7 877	104	525	1 406	1 626	1 895	2 321
acres..	1 694 872	1 372 750	14 545	99 125	327 110	379 171	311 159	241 640
bushels..	62 242 411	51 261 040	590 483	3 824 997	12 353 633	14 240 743	11 453 503	8 797 681
Irrigated ..... farms..	384	322	7	37	89	79	55	55
acres..	47 518	43 525	640	4 477	14 339	11 462	6 706	5 901
Farms by acres harvested:								
1 to 24 acres	2 590	1 156	21	67	148	154	229	537
25 to 99 acres	5 353	3 018	48	197	420	476	747	1 130
100 to 249 acres	2 728	2 015	20	137	399	482	536	441
250 to 499 acres	1 213	1 053	9	73	253	314	261	143
500 acres or more	677	635	6	51	186	200	122	70
Dry edible beans, excluding dry limas ..... farms..	2 172	1 738	25	154	421	412	412	314
acres..	302 767	278 106	1 998	23 833	77 218	80 247	63 320	31 490
cwt..	4 878 076	4 446 244	37 617	375 481	1 236 802	1 296 940	1 022 526	476 878
Irrigated ..... farms..	86	66	1	7	16	19	14	9
acres..	11 390	10 526	(D)	(D)	1 855	3 208	3 452	1 229
Farms by acres harvested:								
1 to 24 acres	378	221	–	10	35	33	60	83
25 to 99 acres	859	641	21	58	135	131	156	140
100 to 249 acres	569	521	3	56	144	129	126	63
250 to 499 acres	266	260	1	26	78	92	48	15
500 acres or more	100	95	–	4	29	27	22	13
Potatoes, excluding sweetpotatoes ..... farms..	328	269	–	17	66	67	55	64
acres..	44 931	44 180	–	1 269	12 998	10 328	14 512	5 073
cwt..	13 632 901	13 515 160	–	283 093	3 790 736	3 093 658	4 872 622	1 475 051
Irrigated ..... farms..	175	157	–	11	43	40	32	31
acres..	33 519	33 437	–	873	8 758	7 176	12 843	3 788
Farms by acres harvested:								
0.1 to 4.9 acres	125	84	–	5	21	15	10	33
5.0 to 24.9 acres	43	31	–	1	4	8	9	9
25.0 to 99.9 acres	62	58	–	6	18	15	12	7
100.0 to 249.9 acres	49	48	–	4	11	14	10	9
250.0 acres or more	49	48	–	1	12	15	14	6
Sugar beets for sugar ..... farms..	1 182	1 014	22	118	289	245	211	129
acres..	163 236	154 740	1 469	14 920	46 925	41 583	33 813	16 030
tons..	3 055 112	2 898 822	27 222	278 062	883 649	788 708	630 477	290 704
Irrigated ..... farms..	39	36	1	6	12	7	3	7
acres..	2 445	2 381	(D)	272	914	565	(D)	470

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms..	5 827	82	621	1 658	1 727	1 208	531
acres..	294 213	4 154	30 277	82 943	87 748	64 213	24 878
bushels..	29 850 348	434 255	3 169 774	8 419 066	8 927 427	6 456 777	2 443 049
Irrigated ..... farms..	127	–	9	27	43	35	13
acres..	9 117	–	555	929	3 915	2 710	1 008
Farms by acres harvested:							
1 to 24 acres	2 729	33	285	795	790	541	285
25 to 99 acres	2 382	35	263	664	736	492	192
100 to 249 acres	570	14	60	156	158	144	38
250 to 499 acres	113	–	11	36	32	22	12
500 acres or more	33	–	2	7	11	9	4
Corn for silage or green chop ..... farms..	949	6	84	277	306	211	65
acres..	19 574	103	1 450	5 367	6 090	4 483	2 081
tons, green..	234 252	1 597	17 952	64 528	64 126	59 037	27 012
Irrigated ..... farms..	11	–	–	3	3	3	2
acres..	349	–	–	(D)	(D)	49	(D)
Farms by acres harvested:							
1 to 24 acres	732	5	68	214	236	160	49
25 to 99 acres	191	1	15	56	63	45	11
100 to 249 acres	21	–	1	6	6	5	3
250 to 499 acres	5	–	–	1	1	1	2
500 acres or more	–	–	–	–	–	–	–
Wheat for grain ..... farms..	2 645	31	217	675	848	582	292
acres..	79 835	1 087	5 999	21 015	25 707	18 075	7 952
bushels..	4 249 974	61 719	316 966	1 146 721	1 374 351	965 369	384 848
Irrigated ..... farms..	9	–	1	1	2	5	–
acres..	235	–	(D)	(D)	(D)	127	–
Farms by acres harvested:							
1 to 24 acres	1 581	18	133	393	493	342	202
25 to 99 acres	948	11	74	249	320	212	82
100 to 249 acres	102	2	10	31	29	24	6
250 to 499 acres	12	–	–	2	5	4	1
500 acres or more	2	–	–	–	1	–	1
Oats for grain ..... farms..	1 098	5	106	283	370	222	112
acres..	15 174	96	1 263	4 254	4 720	3 202	1 639
bushels..	833 748	4 515	61 919	243 610	252 768	178 728	92 208
Irrigated ..... farms..	1	–	–	–	–	1	–
acres..	(D)	–	–	–	–	(D)	–
Soybeans for beans ..... farms..	4 684	80	510	1 308	1 385	964	437
acres..	322 122	5 253	33 573	96 168	99 727	63 334	24 067
bushels..	10 981 371	177 716	1 153 007	3 360 762	3 354 330	2 101 128	834 428
Irrigated ..... farms..	62	–	2	17	21	14	8
acres..	3 993	–	(D)	1 051	1 152	1 028	(D)
Farms by acres harvested:							
1 to 24 acres	1 434	21	159	378	401	299	176
25 to 99 acres	2 335	45	248	644	694	498	206
100 to 249 acres	713	12	85	216	223	134	43
250 to 499 acres	160	2	16	54	55	26	7
500 acres or more	42	–	2	16	12	7	5
Dry edible beans, excluding dry limas ..... farms..	434	9	37	126	128	90	44
acres..	24 661	869	2 245	6 650	7 538	5 250	2 109
cwt..	431 832	16 718	38 485	98 825	118 911	126 834	32 059
Irrigated ..... farms..	20	–	–	6	7	5	2
acres..	864	–	–	175	451	(D)	(D)
Farms by acres harvested:							
1 to 24 acres	157	3	13	35	52	31	23
25 to 99 acres	218	2	15	78	56	49	18
100 to 249 acres	48	4	9	11	14	8	2
250 to 499 acres	6	–	–	1	4	1	–
500 acres or more	5	–	–	1	2	1	1
Potatoes, excluding sweetpotatoes ..... farms..	59	–	8	9	14	17	11
acres..	751	–	(D)	20	89	485	(D)
cwt..	117 741	–	(D)	4 067	15 230	71 975	(D)
Irrigated ..... farms..	18	–	–	5	8	4	1
acres..	82	–	–	(D)	32	34	(D)
Farms by acres harvested:							
0.1 to 4.9 acres	41	–	7	7	10	9	8
5.0 to 24.9 acres	12	–	1	2	2	5	2
25.0 to 99.9 acres	4	–	–	–	2	2	–
100.0 to 249.9 acres	1	–	–	–	–	–	1
250.0 acres or more	1	–	–	–	–	1	–
Sugar beets for sugar ..... farms..	168	4	31	54	47	22	10
acres..	8 496	447	1 668	2 099	2 586	1 316	380
tons..	156 290	8 900	29 737	38 747	46 772	25 206	6 928
Irrigated ..... farms..	3	–	–	3	–	–	–
acres..	64	–	–	64	–	–	–

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
SELECTED CROPS HARVESTED—Con.								
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) .... farms..	20 858	10 784	83	593	1 807	2 227	2 605	3 469
acres..	1 264 350	918 329	5 294	52 389	198 980	232 857	215 503	213 306
tons, dry..	2 830 915	2 181 784	12 731	128 234	493 868	573 990	508 343	464 618
Irrigated ..... farms..	258	181	2	14	52	41	38	34
acres..	11 154	9 372	(D)	1 277	3 072	2 481	(D)	1 409
Farms by acres harvested:								
1 to 24 acres	9 125	3 368	33	187	483	543	811	1 311
25 to 99 acres	8 042	4 393	29	238	619	862	1 102	1 543
100 to 249 acres	2 799	2 214	18	124	504	586	499	483
250 to 499 acres	719	647	3	34	156	188	156	110
500 acres or more	173	162	–	10	45	48	37	22
Alfalfa hay ..... farms..	17 108	9 065	71	489	1 572	1 893	2 196	2 844
acres..	788 156	551 806	3 033	29 625	114 221	131 707	135 505	137 715
tons, dry..	1 985 404	1 484 315	7 959	85 121	326 160	375 301	354 721	335 053
Irrigated ..... farms..	204	142	2	11	40	29	31	29
acres..	7 300	5 915	(D)	892	1 699	1 621	(D)	893
Vegetables harvested for sale (see text) .... farms..	2 498	1 614	24	108	368	361	370	383
acres..	128 349	118 169	1 156	11 456	31 935	27 859	25 308	20 455
Irrigated ..... farms..	833	628	10	62	161	147	130	118
acres..	59 247	57 430	867	6 848	18 387	13 648	9 119	8 561
Farms by acres harvested:								
0.1 to 4.9 acres	907	401	10	17	87	72	79	136
5.0 to 24.9 acres	772	494	5	30	92	109	116	142
25.0 to 99.9 acres	490	407	6	35	115	88	102	61
100.0 to 249.9 acres	224	209	2	20	42	65	53	27
250.0 acres or more	105	103	1	6	32	27	20	17
Snap beans harvested for sale ..... farms..	453	326	3	23	72	79	65	84
acres..	18 553	17 873	(D)	(D)	5 006	5 164	3 430	2 728
Irrigated ..... farms..	211	155	2	13	45	32	31	32
acres..	12 622	12 419	(D)	1 308	3 813	3 933	2 200	(D)
Land in orchards ..... farms..	2 863	1 606	10	60	288	327	361	560
acres..	139 607	118 090	1 207	5 014	25 906	36 262	26 717	22 985
Irrigated ..... farms..	362	232	5	5	55	56	59	52
acres..	11 930	10 337	693	73	3 443	1 756	2 928	1 444
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	907	301	2	7	29	50	63	150
5.0 to 24.9 acres	862	405	1	11	62	53	81	197
25.0 to 99.9 acres	692	531	3	28	108	112	124	156
100.0 to 249.9 acres	299	277	3	10	68	77	71	48
250.0 acres or more	103	92	1	4	21	35	22	9
Apples ..... farms..	1 991	1 112	7	41	215	244	259	346
Bearing and nonbearing..acres..	68 987	57 750	452	2 695	13 485	17 152	12 885	11 081
pounds..	966 592 252	847 055 329	7 039 200	49 305 373	205 064 826	234 118 038	212 903 905	138 623 987
Cherries, total (see text) ..... farms..	1 077	760	5	25	134	174	194	228
Bearing and nonbearing..acres..	47 716	41 737	(D)	(D)	8 762	13 278	9 650	8 187
pounds..	272 166 983	245 998 404	(D)	(D)	58 247 380	80 676 744	51 065 387	43 823 607
Grapes (see text) ..... farms..	732	396	1	14	55	68	82	176
Bearing and nonbearing..acres..	13 045	10 454	(D)	(D)	1 718	3 394	2 127	2 511
Fresh weight..pounds..	109 863 755	91 319 180	(D)	(D)	14 834 829	32 995 645	17 285 315	18 499 857
Berries harvested for sale ..... farms..	1 147	659	4	26	110	140	161	218
acres..	18 760	14 732	11	483	3 159	3 445	3 915	3 718
Irrigated ..... farms..	591	375	2	13	75	82	99	104
acres..	10 808	9 075	(D)	(D)	1 992	2 184	2 740	1 957

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
SELECTED CROPS HARVESTED—Con.							
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) .... farms..	10 074	64	687	2 603	3 287	2 254	1 179
acres..	346 021	1 682	23 067	89 082	113 765	76 849	41 576
tons, dry..	649 131	3 519	39 359	169 736	212 463	146 748	77 306
Irrigated ..... farms..	77	–	5	17	25	19	11
acres..	1 782	–	74	243	561	545	359
Farms by acres harvested:							
1 to 24 acres	5 757	39	416	1 506	1 876	1 267	653
25 to 99 acres	3 649	23	220	930	1 178	842	456
100 to 249 acres	585	2	46	140	204	134	59
250 to 499 acres	72	–	5	24	26	9	8
500 acres or more	11	–	–	3	3	2	3
Alfalfa hay ..... farms..	8 043	55	549	2 075	2 625	1 829	910
acres..	236 350	1 179	15 310	58 889	78 473	53 502	28 997
tons, dry..	501 089	2 911	30 613	129 106	164 420	113 716	60 323
Irrigated ..... farms..	62	–	3	15	23	14	7
acres..	1 385	–	41	229	538	397	180
Vegetables harvested for sale (see text) .... farms..	884	7	77	252	278	177	93
acres..	10 181	85	875	2 728	3 673	1 992	828
Irrigated ..... farms..	205	–	19	59	64	45	18
acres..	1 818	–	73	661	549	456	79
Farms by acres harvested:							
0.1 to 4.9 acres	506	4	35	133	172	97	65
5.0 to 24.9 acres	278	2	34	88	71	61	22
25.0 to 99.9 acres	83	1	8	27	27	16	4
100.0 to 249.9 acres	15	–	–	4	6	3	2
250.0 acres or more	2	–	–	–	2	–	–
Snap beans harvested for sale ..... farms..	127	1	9	36	33	29	19
acres..	680	(D)	(D)	204	171	250	43
Irrigated ..... farms..	56	–	4	15	16	15	6
acres..	203	–	(D)	41	48	(D)	6
Land in orchards ..... farms..	1 257	4	56	325	385	287	200
acres..	21 517	13	743	5 101	5 861	6 081	3 717
Irrigated ..... farms..	130	3	5	40	43	24	15
acres..	1 593	5	23	208	311	637	409
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	606	3	23	170	183	133	94
5.0 to 24.9 acres	457	1	23	109	141	108	75
25.0 to 99.9 acres	161	–	10	40	52	34	25
100.0 to 249.9 acres	22	–	–	3	7	8	4
250.0 acres or more	11	–	–	3	2	4	2
Apples ..... farms..	879	2	37	219	285	198	138
Bearing and nonbearing..acres..	11 238	(D)	(D)	2 309	3 273	3 458	1 764
pounds..	119 536 923	(D)	(D)	19 467 294	40 153 045	36 230 810	18 275 241
Cherries, total (see text) ..... farms..	317	2	15	87	104	62	47
Bearing and nonbearing..acres..	5 979	(D)	(D)	1 793	1 474	1 339	1 267
pounds..	26 168 579	(D)	(D)	8 018 314	6 045 764	6 042 214	5 660 461
Grapes (see text) ..... farms..	336	1	15	88	103	76	53
Bearing and nonbearing..acres..	2 591	(D)	(D)	626	736	667	420
Fresh weight..pounds..	18 544 575	(D)	(D)	4 385 066	5 240 729	4 844 065	2 814 685
Berries harvested for sale ..... farms..	488	1	21	125	165	105	71
acres..	4 028	(D)	(D)	951	1 736	976	251
Irrigated ..... farms..	216	–	12	64	76	40	24
acres..	1 732	–	29	378	886	371	69

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 49. **Summary by Size of Farm: 1997**

[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..	46 027	2 611	12 075	3 563	5 801	4 572
percent..	100.0	5.7	26.2	7.7	12.6	9.9
Land in farms ..... acres..	9 872 812	11 808	332 869	208 058	472 895	532 355
Average size of farm ..... acres..	215	5	28	58	82	116
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ..... farms..	46 027	2 611	12 075	3 563	5 801	4 572
$1,000..	3 567 825	116 798	287 148	90 550	125 473	137 068
Average per farm ..... dollars..	77 516	44 733	23 780	25 414	21 629	29 980
Farms by value of sales:						
Less than $1,000 (see text)	7 756	626	3 490	767	1 221	690
$1,000 to $2,499	4 801	565	2 351	459	583	373
$2,500 to $4,999	5 049	372	2 180	567	757	499
$5,000 to $9,999	5 800	321	1 862	699	1 065	715
$10,000 to $19,999	5 602	219	953	588	1 198	970
$20,000 to $24,999	1 611	50	216	101	263	328
$25,000 to $39,999	3 136	83	353	152	269	460
$40,000 to $49,999	1 336	59	120	53	85	111
$50,000 to $99,999	3 663	101	250	95	207	221
$100,000 to $249,999	4 008	102	156	53	111	149
$250,000 to $499,999	1 954	56	54	14	23	36
$500,000 to $999,999	864	35	33	4	11	12
$1,000,000 to $2,499,999	344	20	40	5	4	6
$2,500,000 to $4,999,999	66	1	11	3	2	–
$5,000,000 or more	37	1	6	3	2	2
Grains ..... farms..	19 502	121	2 262	1 217	2 208	2 063
$1,000..	1 033 206	184	8 845	8 061	20 409	25 648
Sales of $50,000 or more ..... farms..	4 880	–	–	–	1	1
$1,000..	838 846	–	–	–	(D)	(D)
Corn for grain ..... farms..	13 864	53	1 146	704	1 370	1 414
$1,000..	470 240	69	3 599	3 128	7 457	10 225
Wheat ..... farms..	8 875	17	481	328	771	791
$1,000..	89 407	15	872	799	2 184	2 783
Soybeans ..... farms..	12 516	56	1 086	673	1 312	1 238
$1,000..	375 311	86	3 918	3 574	8 719	10 810
Sorghum for grain ..... farms..	6	–	1	–	–	1
$1,000..	22	–	(D)	–	–	(D)
Barley ..... farms..	295	–	10	6	13	20
$1,000..	1 180	–	9	7	23	31
Oats ..... farms..	1 804	1	110	90	196	205
$1,000..	4 311	(D)	(D)	92	200	(D)
Other grains ..... farms..	2 667	10	101	77	173	219
$1,000..	92 735	(D)	(D)	462	1 825	1 538
Cotton and cottonseed ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Tobacco ..... farms..	3	–	–	–	3	–
$1,000..	34	–	–	–	34	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	10 938	80	2 268	888	1 587	1 352
$1,000..	83 225	100	5 361	3 013	6 586	6 853
Sales of $50,000 or more ..... farms..	215	–	–	–	–	–
$1,000..	24 307	–	–	–	–	–
Vegetables, sweet corn, and melons ..... farms..	2 494	166	676	195	261	208
$1,000..	183 645	876	7 217	3 742	6 284	10 625
Sales of $50,000 or more ..... farms..	601	3	19	27	37	51
$1,000..	163 037	199	1 643	2 195	4 044	8 821
Fruits, nuts, and berries ..... farms..	3 027	202	988	285	363	274
$1,000..	231 595	736	14 000	7 130	14 872	17 745
Sales of $50,000 or more ..... farms..	925	–	56	34	107	116
$1,000..	204 816	–	4 087	2 963	10 777	15 319
Nursery and greenhouse crops ..... farms..	3 548	721	1 402	256	337	220
$1,000..	478 448	63 177	145 549	39 978	25 635	23 413
Sales of $50,000 or more ..... farms..	894	200	296	65	62	54
$1,000..	453 975	57 151	136 329	38 427	23 336	22 065
Other crops ..... farms..	1 725	12	140	66	92	96
$1,000..	189 569	37	716	617	1 021	1 940
Sales of $50,000 or more ..... farms..	764	–	–	1	6	7
$1,000..	174 245	–	–	(D)	(D)	940
Poultry and poultry products ..... farms..	1 442	160	552	108	183	133
$1,000..	169 053	12 233	41 670	3 588	20 245	3 953
Sales of $50,000 or more ..... farms..	99	13	20	4	7	8
$1,000..	167 358	11 856	41 154	3 456	20 053	3 841
Dairy products ..... farms..	3 696	32	114	73	195	258
$1,000..	645 713	2 990	8 418	3 799	8 036	24 121
Sales of $50,000 or more ..... farms..	2 645	13	35	10	52	94
$1,000..	619 100	2 742	6 953	2 483	5 299	20 308
Cattle and calves ..... farms..	14 293	439	2 192	900	1 626	1 540
$1,000..	276 971	5 294	19 028	4 909	9 194	9 195
Sales of $50,000 or more ..... farms..	790	24	20	9	11	12
$1,000..	173 630	3 215	11 247	1 159	1 597	1 211

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
FARMS AND LAND IN FARMS							
Farms ..... number..	3 503	2 401	1 683	4 905	3 201	1 338	374
percent..	7.6	5.2	3.7	10.7	7.0	2.9	.8
Land in farms ..... acres..	551 805	473 869	400 224	1 749 221	2 221 015	1 773 514	1 145 179
Average size of farm ..... acres..	158	197	238	357	694	1 325	3 062
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms..	3 503	2 401	1 683	4 905	3 201	1 338	374
$1,000..	128 463	106 524	99 084	513 378	787 612	682 625	493 103
Average per farm ..... dollars..	36 672	44 367	58 873	104 664	246 052	510 183	1 318 457
Farms by value of sales:							
Less than $1,000 (see text)	416	195	97	209	39	6	–
$1,000 to $2,499	224	91	60	78	13	3	1
$2,500 to $4,999	295	146	63	147	20	1	2
$5,000 to $9,999	469	264	149	218	32	6	–
$10,000 to $19,999	637	380	203	364	81	8	1
$20,000 to $24,999	245	151	107	120	29	1	–
$25,000 to $39,999	542	426	296	452	92	9	2
$40,000 to $49,999	190	189	147	326	50	6	–
$50,000 to $99,999	263	338	312	1 450	391	32	3
$100,000 to $249,999	172	179	194	1 146	1 493	242	11
$250,000 to $499,999	33	33	41	297	674	647	46
$500,000 to $999,999	11	6	12	72	231	281	156
$1,000,000 to $2,499,999	4	2	1	25	46	80	111
$2,500,000 to $4,999,999	1	–	1	–	7	10	30
$5,000,000 or more	1	1	–	1	3	6	11
Grains ..... farms..	1 803	1 373	1 025	3 334	2 551	1 198	347
$1,000..	30 043	29 662	26 774	148 547	258 950	280 950	195 132
Sales of $50,000 or more ..... farms..	29	84	134	1 344	1 859	1 092	336
$1,000..	(D)	5 075	8 528	104 470	244 454	278 635	194 875
Corn for grain ..... farms..	1 304	995	757	2 596	2 134	1 072	319
$1,000..	12 668	12 235	10 968	62 967	117 069	135 766	94 090
Wheat ..... farms..	803	652	518	1 825	1 625	808	256
$1,000..	3 036	3 109	2 573	14 189	22 953	21 756	15 136
Soybeans ..... farms..	1 126	874	675	2 360	1 872	959	285
$1,000..	12 290	11 968	11 416	58 216	92 906	96 646	64 760
Sorghum for grain ..... farms..	1	–	–	1	1	1	–
$1,000..	(D)	–	–	(D)	(D)	(D)	–
Barley ..... farms..	15	26	13	75	74	35	8
$1,000..	28	49	31	199	397	255	151
Oats ..... farms..	203	160	105	372	237	104	21
$1,000..	(D)	285	188	(D)	(D)	(D)	329
Other grains ..... farms..	182	162	151	563	597	311	121
$1,000..	1 745	2 017	1 597	11 994	24 703	25 816	20 666
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	1 083	716	498	1 322	780	289	75
$1,000..	6 591	5 189	3 896	14 761	14 499	8 655	7 720
Sales of $50,000 or more ..... farms..	6	8	8	53	71	43	26
$1,000..	348	571	542	4 046	6 304	5 466	7 032
Vegetables, sweet corn, and melons ..... farms..	161	95	88	258	199	129	58
$1,000..	8 904	5 503	7 920	29 749	33 416	42 243	27 167
Sales of $50,000 or more ..... farms..	40	27	30	113	111	96	47
$1,000..	7 290	4 369	7 154	27 189	31 626	41 570	26 936
Fruits, nuts, and berries ..... farms..	212	145	101	262	140	41	14
$1,000..	20 282	14 729	13 180	47 580	51 965	17 544	11 833
Sales of $50,000 or more ..... farms..	125	90	72	174	114	27	10
$1,000..	18 645	13 759	12 646	45 936	51 556	17 336	11 792
Nursery and greenhouse crops ..... farms..	167	95	76	156	84	26	8
$1,000..	21 377	4 500	4 480	39 690	27 965	48 654	34 030
Sales of $50,000 or more ..... farms..	41	19	20	62	51	20	4
$1,000..	20 410	3 781	3 762	38 464	27 604	48 623	34 024
Other crops ..... farms..	100	87	69	322	393	239	109
$1,000..	1 924	2 385	2 910	15 666	38 355	48 972	75 026
Sales of $50,000 or more ..... farms..	7	11	12	109	285	226	100
$1,000..	693	837	1 970	10 369	35 501	48 630	74 878
Poultry and poultry products ..... farms..	98	50	37	78	29	10	4
$1,000..	5 274	7 452	4 598	11 052	22 263	(D)	(D)
Sales of $50,000 or more ..... farms..	6	4	3	15	12	4	3
$1,000..	5 152	(D)	4 580	10 930	22 245	(D)	(D)
Dairy products ..... farms..	236	272	239	1 072	893	276	36
$1,000..	15 431	20 245	20 982	139 782	228 873	126 432	46 603
Sales of $50,000 or more ..... farms..	96	155	163	889	832	270	36
$1,000..	11 802	17 104	18 662	134 021	226 886	126 235	46 603
Cattle and calves ..... farms..	1 280	1 015	740	2 349	1 579	528	105
$1,000..	10 293	9 188	7 440	39 736	62 534	40 353	59 809
Sales of $50,000 or more ..... farms..	22	20	12	146	251	189	74
$1,000..	1 774	1 729	1 386	15 847	41 460	33 688	59 316

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.						
Total sales (see text)—Con.						
Hogs and pigs ..... farms..	2 690	221	578	187	295	252
$1,000..	228 488	22 250	21 728	9 400	8 340	11 480
Sales of $50,000 or more ..... farms..	593	49	45	15	27	32
$1,000..	212 526	21 449	19 274	8 338	6 301	9 672
Sheep, lambs, and wool ..... farms..	1 543	92	537	138	186	149
$1,000..	5 911	212	921	341	446	339
Sales of $50,000 or more ..... farms..	13	1	2	–	–	–
$1,000..	2 178	(D)	(D)	–	–	–
Other livestock and livestock products (see text) ..... farms..	3 625	513	1 685	298	384	226
$1,000..	41 968	8 711	13 695	5 973	4 371	1 755
Sales of $50,000 or more ..... farms..	127	18	44	5	19	7
$1,000..	24 296	6 095	5 360	(D)	2 618	709
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	4 339	326	1 457	401	564	395
$1,000..	28 720	1 148	4 485	2 218	3 465	3 322
FARM PRODUCTION EXPENSES[1]						
Total farm production expenses ..... farms..	46 040	2 606	11 798	3 607	5 849	4 940
$1,000..	2 835 658	83 971	231 808	69 172	105 939	129 450
Average per farm ..... dollars..	61 591	32 222	19 648	19 177	18 112	26 204
Livestock and poultry purchased ..... farms..	11 086	732	2 450	677	1 144	1 167
$1,000..	175 474	6 892	22 076	4 186	7 260	5 839
Farms with expenses of—						
$1 to $4,999	7 569	537	2 003	590	914	951
$5,000 to $24,999	2 486	137	359	76	179	192
$25,000 to $99,999	763	44	63	5	44	16
$100,000 to $249,999	152	10	10	4	5	5
$250,000 or more	116	4	15	2	2	3
Feed for livestock and poultry ..... farms..	17 888	1 148	4 440	1 245	1 929	1 763
$1,000..	414 770	18 882	46 650	11 806	23 637	21 443
Farms with expenses of—						
$1 to $4,999	12 187	916	3 845	1 078	1 583	1 325
$5,000 to $24,999	3 248	133	473	140	270	317
$25,000 to $99,999	1 789	64	89	18	55	105
$100,000 to $249,999	439	17	8	5	14	7
$250,000 or more	225	18	25	4	7	9
Commercially mixed formula feeds ..... farms..	12 036	780	2 949	818	1 219	1 112
$1,000..	256 579	11 665	35 414	5 963	18 534	11 332
Farms with expenses of—						
$1 to $4,999	8 440	684	2 706	738	1 038	845
$5,000 to $24,999	2 191	31	168	62	141	220
$25,000 to $99,999	1 088	39	52	12	30	38
$100,000 or more	317	26	23	6	10	9
Seeds, bulbs, plants, and trees ..... farms..	27 224	751	4 306	1 764	2 889	3 165
$1,000..	180 800	5 475	13 425	5 307	5 602	10 221
Farms with expenses of—						
$1 to $999	11 109	519	3 605	1 227	1 671	1 497
$1,000 to $4,999	9 282	67	502	484	1 135	1 566
$5,000 to $24,999	5 470	101	115	36	60	85
$25,000 to $49,999	905	25	40	–	11	12
$50,000 or more	458	39	44	17	12	5
Commercial fertilizer ..... farms..	29 576	895	5 394	2 000	3 211	3 395
$1,000..	244 613	457	3 617	2 324	5 187	7 758
Farms with expenses of—						
$1 to $4,999	20 093	883	5 365	1 988	3 077	3 081
$5,000 to $24,999	7 064	11	24	11	133	306
$25,000 to $49,999	1 492	1	4	1	1	6
$50,000 or more	927	–	1	–	–	2
Agricultural chemicals ..... farms..	26 238	910	4 639	1 677	2 888	2 959
$1,000..	182 494	332	3 925	2 243	4 677	7 699
Farms with expenses of—						
$1 to $4,999	18 844	908	4 521	1 602	2 735	2 623
$5,000 to $24,999	5 753	2	116	74	146	322
$25,000 to $49,999	1 061	–	1	1	6	10
$50,000 or more	580	–	1	–	1	4
Petroleum products ..... farms..	42 348	2 136	10 259	3 254	5 263	4 646
$1,000..	142 449	4 951	12 944	3 427	5 885	6 379
Farms with expenses of—						
$1 to $4,999	35 797	1 947	10 030	3 208	5 148	4 521
$5,000 to $24,999	5 662	152	163	38	94	116
$25,000 to $49,999	631	22	26	3	13	6
$50,000 or more	258	15	40	5	8	3
Gasoline and gasohol ..... farms..	34 136	1 717	8 207	2 609	4 249	3 853
$1,000..	35 499	1 087	3 631	1 214	2 389	2 566
Diesel fuel ..... farms..	30 196	795	5 265	2 081	3 564	3 462
$1,000..	61 048	726	2 559	938	1 799	2 281
Natural gas ..... farms..	1 932	190	348	63	114	89
$1,000..	17 510	2 291	5 113	751	779	515
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	31 611	1 156	5 806	2 092	3 656	3 648
$1,000..	28 391	846	1 641	524	918	1 016

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs ..... farms..	187	138	115	326	247	114	30
$1,000..	6 021	6 164	5 768	23 627	47 462	41 310	24 937
Sales of $50,000 or more ..... farms..	20	26	28	105	133	85	28
$1,000..	(D)	5 148	4 731	20 992	46 164	40 903	(D)
Sheep, lambs, and wool ..... farms..	108	67	49	121	66	27	3
$1,000..	355	215	177	1 204	602	(D)	(D)
Sales of $50,000 or more ..... farms..	1	–	–	3	3	2	1
$1,000..	(D)	–	–	(D)	241	(D)	(D)
Other livestock and livestock products (see text) ..... farms..	152	97	52	142	54	19	3
$1,000..	1 968	1 292	959	1 982	729	(D)	(D)
Sales of $50,000 or more ..... farms..	9	5	4	8	4	3	1
$1,000..	1 343	781	674	1 422	322	270	(D)
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	291	187	126	363	157	60	12
$1,000..	3 050	1 385	1 118	5 378	2 300	688	163
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	3 445	2 360	1 629	4 890	3 204	1 338	374
$1,000..	100 554	91 922	75 340	390 198	595 521	548 356	413 428
Average per farm ..... dollars..	29 188	38 950	46 250	79 795	185 868	409 832	1 105 422
Livestock and poultry purchased ..... farms..	882	624	436	1 467	942	462	103
$1,000..	4 412	4 115	3 867	18 251	33 877	30 143	34 555
Farms with expenses of—							
$1 to $4,999	672	441	283	750	307	107	14
$5,000 to $24,999	193	164	124	548	349	152	13
$25,000 to $99,999	13	12	25	149	220	143	29
$100,000 to $249,999	3	7	2	16	39	35	16
$250,000 or more	1	–	2	4	27	25	31
Feed for livestock and poultry ..... farms..	1 318	958	669	2 280	1 442	576	120
$1,000..	13 004	18 154	9 893	52 460	90 839	68 847	39 152
Farms with expenses of—							
$1 to $4,999	994	616	424	987	303	98	18
$5,000 to $24,999	222	237	162	725	415	138	16
$25,000 to $99,999	87	92	69	488	513	186	23
$100,000 to $249,999	10	9	11	63	161	107	27
$250,000 or more	5	4	3	17	50	47	36
Commercially mixed formula feeds ..... farms..	784	614	434	1 644	1 141	447	94
$1,000..	7 241	13 220	6 983	30 445	52 248	44 077	19 458
Farms with expenses of—							
$1 to $4,999	598	407	268	787	262	87	20
$5,000 to $24,999	146	159	130	574	416	130	14
$25,000 to $99,999	34	43	30	254	372	156	28
$100,000 or more	6	5	6	29	91	74	32
Seeds, bulbs, plants, and trees ..... farms..	2 473	1 734	1 199	4 287	2 993	1 296	367
$1,000..	5 160	4 563	4 275	25 512	36 083	35 483	29 694
Farms with expenses of—							
$1 to $999	963	545	325	541	168	42	6
$1,000 to $4,999	1 362	992	659	1 928	512	70	5
$5,000 to $24,999	138	192	199	1 757	2 119	641	27
$25,000 to $49,999	7	2	9	42	163	453	141
$50,000 or more	3	3	7	19	31	90	188
Commercial fertilizer ..... farms..	2 489	1 861	1 238	4 376	3 040	1 312	365
$1,000..	8 276	8 239	6 159	40 484	60 581	59 239	42 292
Farms with expenses of—							
$1 to $4,999	1 940	1 181	707	1 451	373	44	3
$5,000 to $24,999	547	677	519	2 744	1 797	280	15
$25,000 to $49,999	2	3	8	167	742	507	50
$50,000 or more	–	–	4	14	128	481	297
Agricultural chemicals ..... farms..	2 174	1 638	1 193	3 934	2 803	1 090	333
$1,000..	6 936	6 475	6 440	29 732	44 237	38 063	31 735
Farms with expenses of—							
$1 to $4,999	1 868	1 256	824	1 871	552	73	11
$5,000 to $24,999	272	355	316	1 946	1 815	367	22
$25,000 to $49,999	29	22	46	68	351	461	66
$50,000 or more	5	5	7	49	85	189	234
Petroleum products ..... farms..	3 220	2 300	1 583	4 812	3 166	1 336	373
$1,000..	6 199	5 030	3 883	21 201	28 503	26 500	17 546
Farms with expenses of—							
$1 to $4,999	3 074	2 090	1 420	3 318	929	101	11
$5,000 to $24,999	138	204	156	1 458	2 126	921	96
$25,000 to $49,999	4	4	5	24	97	273	154
$50,000 or more	4	2	2	12	14	41	112
Gasoline and gasohol ..... farms..	2 553	1 877	1 210	3 843	2 556	1 133	329
$1,000..	2 082	1 642	1 230	5 578	6 324	4 617	3 137
Diesel fuel ..... farms..	2 564	1 909	1 381	4 473	3 038	1 302	362
$1,000..	2 231	2 233	1 756	10 450	14 545	12 789	8 740
Natural gas ..... farms..	84	88	38	301	277	233	107
$1,000..	796	311	174	920	1 101	2 814	1 945
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	2 680	1 939	1 367	4 487	3 099	1 313	368
$1,000..	1 091	844	723	4 253	6 533	6 280	3 724

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARM PRODUCTION EXPENSES[1] —Con.						
Total farm production expenses—Con.						
Electricity ..... farms..	31 396	1 526	6 612	2 001	3 589	3 303
$1,000..	53 192	2 215	5 779	1 345	2 119	2 600
Farms with expenses of—						
$1 to $999	21 800	1 153	5 838	1 739	3 168	2 751
$1,000 to $4,999	7 332	266	626	232	385	494
$5,000 to $24,999	2 073	100	119	27	32	55
$25,000 to $49,999	118	4	16	–	2	1
$50,000 or more	73	3	13	3	2	2
Hired farm labor ..... farms..	14 481	710	2 567	836	1 156	1 327
$1,000..	369 145	17 856	41 642	9 226	11 288	18 093
Farms with expenses of—						
$1 to $4,999	8 961	438	2 124	709	943	1 058
$5,000 to $24,999	2 809	126	252	92	163	144
$25,000 to $99,999	2 014	103	115	25	33	95
$100,000 to $249,999	471	24	40	3	12	25
$250,000 or more	226	19	36	7	5	5
Workers by days worked:						
150 days or more ..... farms..	6 074	330	755	179	302	335
workers..	20 996	1 035	2 361	647	818	819
Less than 150 days ..... farms..	13 069	641	2 471	821	1 110	1 287
workers..	74 869	3 598	10 729	3 323	4 614	6 455
Contract labor ..... farms..	3 865	176	869	268	380	406
$1,000..	29 043	1 451	2 726	1 381	1 361	1 905
Farms with expenses of—						
$1 to $999	1 689	93	488	122	221	227
$1,000 to $4,999	1 330	52	291	104	111	105
$5,000 to $24,999	667	22	72	31	30	64
$25,000 to $49,999	102	1	10	8	16	8
$50,000 or more	77	8	8	3	2	2
Repair and maintenance ..... farms..	37 918	1 821	8 568	2 847	4 559	4 177
$1,000..	209 298	5 168	16 714	5 699	9 504	11 366
Farms with expenses of—						
$1 to $4,999	28 001	1 572	8 017	2 626	4 182	3 545
$5,000 to $24,999	8 308	222	488	212	354	612
$25,000 to $49,999	1 118	19	26	3	14	18
$50,000 or more	491	8	37	6	9	2
Customwork, machine hire, and rental of machinery and equipment..... farms..	13 520	370	2 376	928	1 480	1 466
$1,000..	53 082	544	2 741	1 161	2 096	2 662
Farms with expenses of—						
$1 to $999	6 439	281	1 806	671	903	814
$1,000 to $4,999	4 866	61	500	219	508	604
$5,000 to $24,999	1 896	25	62	35	66	43
$25,000 to $49,999	194	3	2	1	2	4
$50,000 or more	125	–	6	2	1	1
Interest ..... farms..	18 209	669	3 046	1 029	1 584	1 684
$1,000..	189 849	3 692	13 225	3 776	6 235	7 252
Farms with expenses of—						
$1 to $4,999	10 247	474	2 401	829	1 202	1 242
$5,000 to $24,999	6 239	164	588	189	366	429
$25,000 to $99,999	1 520	28	46	7	13	12
$100,000 or more	203	3	11	4	3	1
Secured by real estate ..... farms..	13 336	461	2 343	731	1 182	1 190
$1,000..	123 249	2 124	9 804	2 521	4 788	5 019
Farms with expenses of—						
$1 to $999	1 609	138	367	163	207	197
$1,000 to $4,999	5 936	206	1 476	420	694	693
$5,000 to $24,999	4 711	97	460	144	270	292
$25,000 to $49,999	762	19	25	3	8	4
$50,000 or more	318	1	15	1	3	4
Not secured by real estate ..... farms..	10 394	314	1 183	458	712	876
$1,000..	66 600	1 568	3 422	1 256	1 447	2 232
Farms with expenses of—						
$1 to $999	2 926	100	584	266	351	362
$1,000 to $4,999	4 434	127	520	154	288	433
$5,000 to $24,999	2 502	82	62	32	67	78
$25,000 to $49,999	371	2	10	3	4	1
$50,000 or more	161	3	7	3	2	2
Cash rent ..... farms..	12 983	160	1 049	480	753	1 249
$1,000..	162 012	780	1 710	569	1 338	3 102
Farms with expenses of—						
$1 to $4,999	7 978	128	1 008	465	694	1 132
$5,000 to $9,999	1 633	8	24	12	49	90
$10,000 to $24,999	1 753	16	10	2	9	23
$25,000 or more	1 619	8	7	1	1	4
Property taxes ..... farms..	43 608	2 366	11 148	3 395	5 566	4 675
$1,000..	114 049	3 181	14 618	5 174	8 974	8 708
Farms with expenses of—						
$1 to $4,999	38 646	2 297	10 937	3 312	5 412	4 474
$5,000 to $9,999	3 399	53	178	58	145	184
$10,000 to $24,999	1 308	14	27	23	5	14
$25,000 or more	255	2	6	2	4	3
All other farm production expenses ..... farms..	40 748	2 113	9 545	3 032	5 006	4 405
$1,000..	315 391	12 095	30 015	11 547	10 776	14 423
Farms with expenses of—						
$1 to $4,999	32 337	1 846	9 063	2 867	4 696	4 030
$5,000 to $24,999	6 142	161	370	143	269	327
$25,000 to $49,999	1 164	45	44	5	18	18
$50,000 to $99,999	694	35	33	8	16	22
$100,000 or more	411	26	35	9	7	8

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
FARM PRODUCTION EXPENSES[1] —Con.							
Total farm production expenses—Con.							
Electricity ..... farms..	2 505	1 786	1 260	4 229	2 937	1 290	358
$1,000..	2 756	2 165	1 622	7 779	10 919	8 281	5 610
Farms with expenses of—							
$1 to $999	1 913	1 237	808	2 096	910	171	16
$1,000 to $4,999	511	494	389	1 828	1 348	638	121
$5,000 to $24,999	79	54	61	296	658	433	159
$25,000 to $49,999	1	–	2	8	13	37	34
$50,000 or more	1	1	–	1	8	11	28
Hired farm labor ..... farms..	910	739	637	2 281	1 953	1 027	338
$1,000..	15 939	7 739	9 631	41 785	71 111	71 808	53 028
Farms with expenses of—							
$1 to $4,999	694	515	438	1 263	587	170	22
$5,000 to $24,999	111	133	105	622	692	313	56
$25,000 to $99,999	79	78	76	318	533	408	151
$100,000 to $249,999	23	12	16	62	96	94	64
$250,000 or more	3	1	2	16	45	42	45
Workers by days worked:							
150 days or more ..... farms..	282	253	269	1 040	1 274	772	283
workers..	947	451	697	2 723	3 843	3 707	2 948
Less than 150 days ..... farms..	846	678	587	1 968	1 563	832	265
workers..	4 496	3 514	3 518	11 647	11 424	7 813	3 738
Contract labor ..... farms..	219	212	137	453	400	249	96
$1,000..	536	528	439	2 953	4 073	2 878	8 810
Farms with expenses of—							
$1 to $999	117	100	36	182	75	21	7
$1,000 to $4,999	73	88	78	158	161	82	27
$5,000 to $24,999	29	22	21	87	133	119	37
$25,000 to $49,999	–	2	1	7	19	19	11
$50,000 or more	–	–	1	19	12	8	14
Repair and maintenance ..... farms..	2 984	2 042	1 474	4 635	3 115	1 327	369
$1,000..	9 263	8 536	6 126	33 621	44 326	35 153	23 823
Farms with expenses of—							
$1 to $4,999	2 469	1 442	1 079	2 276	679	104	10
$5,000 to $24,999	506	589	369	2 204	1 981	680	91
$25,000 to $49,999	6	9	25	132	366	389	111
$50,000 or more	3	2	1	23	89	154	157
Customwork, machine hire, and rental of machinery and equipment..... farms..	1 023	880	700	1 861	1 464	738	234
$1,000..	1 878	2 289	1 806	7 577	11 597	10 071	8 659
Farms with expenses of—							
$1 to $999	502	377	280	474	245	75	11
$1,000 to $4,999	439	389	321	917	634	243	31
$5,000 to $24,999	78	103	95	447	490	341	111
$25,000 to $49,999	2	11	2	16	67	45	39
$50,000 or more	2	–	2	7	28	34	42
Interest ..... farms..	1 385	1 032	785	2 998	2 480	1 168	349
$1,000..	6 213	6 166	5 555	26 695	42 887	39 054	29 098
Farms with expenses of—							
$1 to $4,999	948	595	416	1 344	662	117	17
$5,000 to $24,999	425	426	332	1 497	1 276	484	63
$25,000 to $99,999	12	10	37	152	515	516	172
$100,000 or more	–	1	–	5	27	51	97
Secured by real estate ..... farms..	1 005	730	605	2 019	1 860	921	289
$1,000..	4 467	4 358	4 370	17 298	27 799	23 191	17 510
Farms with expenses of—							
$1 to $999	144	70	53	151	91	22	6
$1,000 to $4,999	546	358	247	743	426	112	15
$5,000 to $24,999	307	296	271	1 035	1 003	449	87
$25,000 to $49,999	6	5	33	76	265	243	75
$50,000 or more	2	1	1	14	75	95	106
Not secured by real estate ..... farms..	781	645	438	2 108	1 759	853	267
$1,000..	1 747	1 808	1 185	9 396	15 088	15 863	11 588
Farms with expenses of—							
$1 to $999	328	201	174	383	152	25	–
$1,000 to $4,999	366	350	201	1 106	729	137	23
$5,000 to $24,999	86	93	61	584	759	503	95
$25,000 to $49,999	1	–	2	31	94	140	83
$50,000 or more	–	1	–	4	25	48	66
Cash rent ..... farms..	895	898	682	2 890	2 402	1 186	339
$1,000..	2 481	3 422	2 642	20 394	37 472	48 290	39 813
Farms with expenses of—							
$1 to $4,999	730	684	534	1 652	795	139	17
$5,000 to $9,999	132	121	88	587	406	107	9
$10,000 to $24,999	23	81	55	492	716	299	27
$25,000 or more	10	12	5	159	485	641	286
Property taxes ..... farms..	3 307	2 229	1 561	4 662	3 063	1 283	353
$1,000..	6 972	5 754	4 313	16 544	18 527	13 282	8 003
Farms with expenses of—							
$1 to $4,999	3 160	2 008	1 395	3 687	1 529	372	63
$5,000 to $9,999	122	171	138	841	1 056	400	53
$10,000 to $24,999	24	49	24	126	450	428	124
$25,000 or more	1	1	4	8	28	83	113
All other farm production expenses ..... farms..	3 188	2 230	1 555	4 784	3 183	1 334	373
$1,000..	10 529	8 746	8 688	45 210	60 490	61 264	41 607
Farms with expenses of—							
$1 to $4,999	2 744	1 801	1 152	2 852	1 115	151	20
$5,000 to $24,999	384	396	355	1 567	1 429	648	93
$25,000 to $49,999	43	22	24	225	366	275	79
$50,000 to $99,999	9	7	17	117	188	154	88
$100,000 or more	8	4	7	23	85	106	93

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]						
All farms ..... number..	46 040	2 606	11 798	3 607	5 849	4 940
$1,000..	686 891	35 972	52 874	16 187	18 994	15 085
Average per farm ..... dollars..	14 919	13 804	4 482	4 488	3 247	3 054
Farms with net gains[2] ..... number..	21 612	1 101	3 921	1 295	2 305	2 121
Average net gain ..... dollars..	40 859	38 666	22 902	21 459	15 029	16 572
Gain of—						
Less than $1,000	2 498	210	878	367	299	229
$1,000 to $9,999	8 196	470	2 071	663	1 354	1 150
$10,000 to $49,999	6 919	259	724	221	559	619
$50,000 or more	3 999	162	248	44	93	123
Farms with net losses ..... number..	24 428	1 505	7 877	2 312	3 544	2 819
Average net loss ..... dollars..	8 029	4 384	4 688	5 018	4 415	7 117
Loss of—						
Less than $1,000	3 584	275	1 433	374	579	390
$1,000 to $9,999	16 745	1 104	5 747	1 694	2 548	1 993
$10,000 to $49,999	3 750	123	676	235	415	423
$50,000 or more	349	3	21	9	2	13
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ..... farms..	18 851	255	2 131	1 053	2 343	1 947
$1,000..	92 806	693	2 560	1 620	4 070	4 129
Other farm-related income[1] ..... farms..	11 609	383	2 210	853	1 233	1 136
$1,000..	61 699	1 348	6 892	3 529	4 677	4 496
Customwork and other agricultural services ..... farms..	3 312	84	468	151	256	229
$1,000..	22 647	413	1 772	523	1 150	884
Gross cash rent or share payments ..... farms..	4 372	243	1 335	549	604	537
$1,000..	19 279	843	3 794	2 165	2 617	2 001
Forest products, excluding Christmas trees and maple products ..... farms..	1 494	15	155	101	154	202
$1,000..	10 013	1	412	293	487	1 012
Other farm-related income sources ..... farms..	4 791	113	486	192	390	389
$1,000..	9 761	91	914	549	422	598
COMMODITY CREDIT CORPORATION LOANS						
Total ..... farms..	1 587	2	54	30	65	106
$1,000..	51 618	(D)	50	(D)	117	291
Corn ..... farms..	1 322	1	30	20	57	82
$1,000..	33 325	(D)	(D)	16	66	128
Wheat ..... farms..	377	1	14	9	16	36
$1,000..	2 101	(D)	6	(D)	(D)	23
Soybeans ..... farms..	489	1	17	6	16	29
$1,000..	16 104	(D)	33	(D)	36	139
Sorghum, barley, and oats ..... farms..	60	–	1	1	3	8
$1,000..	(D)	–	(D)	(D)	(D)	(Z)
Cotton ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	1	–	–	–	–	–
$1,000..	(D)	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE						
Total cropland ..... farms..	43 017	1 667	10 711	3 383	5 589	4 458
acres..	7 891 802	5 674	213 921	140 203	321 287	372 904
Harvested cropland ..... farms..	37 941	1 354	8 530	2 871	4 753	3 976
acres..	6 724 480	3 951	130 752	89 911	205 278	254 073
Farms by acres harvested:						
1 to 49 acres	17 921	1 354	8 530	2 259	2 748	1 479
50 to 99 acres	6 342	–	–	612	2 005	1 655
100 to 199 acres	5 247	–	–	–	–	842
200 to 499 acres	4 915	–	–	–	–	–
500 to 999 acres	2 289	–	–	–	–	–
1,000 to 1,999 acres	950	–	–	–	–	–
2,000 acres or more	277	–	–	–	–	–
Cropland:						
Pasture or grazing only ..... farms..	14 850	340	3 911	1 169	1 872	1 624
acres..	481 259	1 278	41 349	19 486	39 355	43 388
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	5 423	25	877	427	934	730
acres..	197 004	49	10 818	9 025	25 979	23 295
On which all crops failed ..... farms..	1 772	17	306	120	227	186
acres..	39 640	25	2 463	1 402	3 250	2 804
In cultivated summer fallow ..... farms..	2 749	12	310	188	346	357
acres..	73 243	20	2 413	2 422	5 295	6 105
Idle ..... farms..	10 334	122	2 194	898	1 579	1 320
acres..	376 176	351	26 126	17 957	42 130	43 239
Total woodland ..... farms..	24 314	166	4 389	1 913	3 554	2 920
acres..	1 142 688	449	45 211	34 503	85 648	93 471
Woodland pastured ..... farms..	4 658	41	848	329	604	541
acres..	151 171	98	6 434	4 101	9 946	10 913
Woodland not pastured ..... farms..	22 014	135	3 840	1 718	3 214	2 658
acres..	991 517	351	38 777	30 402	75 702	82 558

See footnotes at end of table.

USDA, National Agricultural Statistics Service

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]							
All farms ..... number..	3 445	2 360	1 629	4 890	3 204	1 338	374
$1,000..	23 745	14 351	13 212	113 500	169 026	134 269	79 675
Average per farm ..... dollars..	6 893	6 081	8 110	23 211	52 755	100 351	213 035
Farms with net gains[2] ..... number..	1 682	1 235	867	3 249	2 450	1 070	316
Average net gain ..... dollars..	21 021	21 569	24 177	40 905	77 277	143 778	297 636
Gain of—							
Less than $1,000	203	74	55	135	41	6	1
$1,000 to $9,999	751	479	285	668	248	50	7
$10,000 to $49,999	607	547	440	1 730	957	221	35
$50,000 or more	121	135	87	716	1 204	793	273
Farms with net losses ..... number..	1 763	1 125	762	1 641	754	268	58
Average net loss ..... dollars..	6 587	10 921	10 171	11 823	26 928	73 036	247 898
Loss of—							
Less than $1,000	232	120	89	57	30	4	1
$1,000 to $9,999	1 214	726	474	939	258	45	3
$10,000 to $49,999	314	266	174	615	381	114	14
$50,000 or more	3	13	25	30	85	105	40
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	1 698	1 313	953	3 256	2 475	1 098	329
$1,000..	4 316	3 678	3 023	14 950	22 420	19 748	11 600
Other farm-related income[1] ..... farms..	909	698	544	1 733	1 269	490	151
$1,000..	3 004	2 946	2 404	9 149	10 814	6 850	5 591
Customwork and other agricultural services ..... farms..	231	180	151	670	561	248	83
$1,000..	620	801	490	3 613	4 751	4 107	3 521
Gross cash rent or share payments ..... farms..	314	214	120	254	120	52	30
$1,000..	1 161	1 018	900	2 309	818	683	971
Forest products, excluding Christmas trees and maple products ..... farms..	152	101	102	248	190	57	17
$1,000..	778	483	794	1 861	2 743	815	335
Other farm-related income sources ..... farms..	362	344	286	1 021	798	323	87
$1,000..	444	645	221	1 365	2 502	1 246	764
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	88	70	69	320	425	268	90
$1,000..	261	304	460	3 784	11 736	15 723	18 874
Corn ..... farms..	75	61	56	278	361	221	80
$1,000..	154	184	288	2 496	7 462	10 559	11 959
Wheat ..... farms..	26	26	12	81	86	56	14
$1,000..	37	(D)	(D)	196	486	582	(D)
Soybeans ..... farms..	25	17	21	92	118	103	44
$1,000..	69	92	151	1 089	3 745	4 559	6 189
Sorghum, barley, and oats ..... farms..	6	2	1	16	15	6	1
$1,000..	(Z)	(D)	(D)	3	43	23	(D)
Cotton ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	–	–	1	–	–	–	–
$1,000..	–	–	(D)	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms..	3 427	2 364	1 660	4 866	3 183	1 336	373
acres..	388 540	344 503	301 529	1 367 482	1 866 330	1 552 153	1 017 276
Harvested cropland ..... farms..	3 116	2 212	1 581	4 696	3 150	1 330	372
acres..	277 186	261 825	235 278	1 150 580	1 692 368	1 458 859	964 419
Farms by acres harvested:							
1 to 49 acres	762	318	167	254	46	4	–
50 to 99 acres	967	515	231	311	40	4	2
100 to 199 acres	1 387	1 215	697	974	124	8	–
200 to 499 acres	–	164	486	3 157	1 030	70	8
500 to 999 acres	–	–	–	–	1 910	369	10
1,000 to 1,999 acres	–	–	–	–	–	875	75
2,000 acres or more	–	–	–	–	–	–	277
Cropland:							
Pasture or grazing only ..... farms..	1 226	906	635	1 814	988	304	61
acres..	41 200	34 375	27 853	99 297	84 531	38 028	11 119
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	543	310	253	670	427	161	66
acres..	21 768	12 890	9 802	35 002	22 985	14 150	11 241
On which all crops failed ..... farms..	183	135	108	252	180	46	12
acres..	3 310	2 678	3 229	7 454	8 685	3 176	1 164
In cultivated summer fallow ..... farms..	299	229	186	481	217	98	26
acres..	6 241	5 060	4 903	17 041	10 876	9 385	3 482
Idle ..... farms..	1 004	614	437	1 143	638	280	105
acres..	38 835	27 675	20 464	58 108	46 885	28 555	25 851
Total woodland ..... farms..	2 351	1 609	1 105	3 304	2 032	767	204
acres..	99 501	78 522	61 468	243 287	213 364	121 546	65 718
Woodland pastured ..... farms..	456	343	231	678	418	128	41
acres..	12 257	11 271	6 992	33 517	31 388	14 668	9 586
Woodland not pastured ..... farms..	2 147	1 447	1 012	3 042	1 885	727	189
acres..	87 244	67 251	54 476	209 770	181 976	106 878	56 132

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LAND IN FARMS ACCORDING TO USE—Con.						
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	5 876	347	1 743	447	699	566
acres..	187 975	1 302	19 239	8 059	14 670	13 650
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	32 389	1 724	8 631	2 452	4 140	3 269
acres..	650 347	4 383	54 498	25 293	51 290	52 330
Irrigated land ..... farms..	3 752	544	963	240	284	225
acres..	393 485	1 007	6 211	3 419	5 415	8 011
Harvested cropland irrigated ..... farms..	3 669	536	922	235	280	216
acres..	390 636	982	5 883	3 361	5 255	7 790
Pasture and other land irrigated ..... farms..	161	11	69	9	16	15
acres..	2 849	25	328	58	160	221
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	5 251	18	902	455	1 037	707
acres..	287 081	82	20 182	15 910	45 114	39 613
VALUE OF LAND AND BUILDINGS[1]						
Estimated market value of land and buildings ..... farms..	46 040	2 606	11 798	3 607	5 849	4 940
$1,000..	16 489 949	318 174	1 694 462	569 128	1 060 735	1 016 412
Average per farm ..... dollars..	358 166	122 093	143 623	157 784	181 353	205 751
Average per acre ..... dollars..	1 671	26 339	5 193	2 702	2 240	1 756
Farms by value group:						
$1 to $39,999	2 925	772	1 489	251	225	117
$40,000 to $69,999	3 781	310	1 962	610	451	263
$70,000 to $99,999	4 603	324	1 825	622	884	472
$100,000 to $149,999	7 553	435	2 425	813	1 583	1 295
$150,000 to $199,999	5 941	310	1 711	476	965	914
$200,000 to $499,999	13 173	384	2 089	698	1 480	1 636
$500,000 to $999,999	4 701	57	202	123	227	184
$1,000,000 to $1,999,999	2 280	13	74	12	30	57
$2,000,000 to $4,999,999	921	1	20	–	3	–
$5,000,000 or more	162	–	1	2	1	2
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ..... farms..	46 039	2 606	11 798	3 607	5 849	4 939
$1,000..	3 055 199	84 040	312 755	107 424	182 688	182 194
Farms by value group:						
$1 to $4,999	3 530	413	1 462	372	544	319
$5,000 to $9,999	5 476	361	2 251	660	844	572
$10,000 to $19,999	8 759	632	3 091	810	1 482	1 123
$20,000 to $49,999	12 691	692	3 429	1 124	1 981	1 771
$50,000 to $99,999	7 258	317	1 113	449	712	820
$100,000 to $199,999	4 553	158	375	167	210	277
$200,000 to $499,999	3 116	30	64	23	73	47
$500,000 or more	656	3	13	2	3	10
SELECTED MACHINERY AND EQUIPMENT[1]						
Motortrucks, including pickups ..... farms..	39 295	2 153	9 529	2 816	4 713	4 163
number..	76 320	3 314	13 949	4 256	7 343	6 623
Wheel tractors ..... farms..	42 549	2 078	10 591	3 432	5 456	4 652
number..	115 020	3 880	19 996	7 528	12 335	11 730
Less than 40 horsepower (PTO) ..... farms..	24 842	1 409	6 888	2 215	3 288	2 746
number..	38 792	2 011	9 939	3 355	5 107	4 232
40 horsepower (PTO) or more ..... farms..	33 633	1 187	6 805	2 587	4 198	3 943
number..	76 228	1 869	10 057	4 173	7 228	7 498
40 to 99 horsepower (PTO) ..... farms..	30 648	1 111	6 345	2 393	3 850	3 639
number..	52 624	1 575	8 572	3 549	5 899	6 006
100 horsepower (PTO) or more ..... farms..	13 905	232	1 261	558	1 174	1 289
number..	23 604	294	1 485	624	1 329	1 492
Grain and bean combines ..... farms..	14 570	98	1 293	685	1 295	1 552
number..	17 075	119	1 464	743	1 424	1 745
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–
number..	–	–	–	–	–	–
Mower conditioners ..... farms..	17 162	236	2 946	1 322	2 201	2 160
number..	18 578	249	3 113	1 420	2 332	2 342
Pickup balers ..... farms..	16 864	135	2 688	1 254	2 087	2 273
number..	20 995	163	3 003	1 457	2 460	2 614
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer ..... farms..	29 377	801	5 328	1 997	3 188	3 390
acres on which used..	5 612 394	2 180	74 841	56 782	130 279	205 093
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops ..... farms..	9 816	428	1 788	531	872	953
acres on which used..	1 252 567	1 147	21 260	11 198	25 184	44 758
Nematodes in crops ..... farms..	1 010	25	170	69	130	101
acres on which used..	122 416	45	2 159	1 400	3 877	5 510
Diseases in crops and orchards ..... farms..	4 101	257	1 040	263	457	394
acres on which used..	369 437	639	11 024	5 306	11 843	17 278
Weeds, grass, or brush in crops and pasture ..... farms..	20 327	328	2 855	1 210	2 203	2 342
acres on which used..	4 321 549	961	43 254	35 809	92 924	143 346
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	1 391	79	241	77	105	156
acres on which used..	129 348	183	2 427	1 008	2 805	5 821

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	409	328	188	593	384	137	35
acres..	12 155	12 721	7 693	28 613	28 727	23 131	18 015
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	2 514	1 698	1 162	3 414	2 200	925	260
acres..	51 609	38 123	29 534	109 839	112 594	76 684	44 170
Irrigated land ..... farms..	168	127	90	355	385	265	106
acres..	6 893	7 123	5 988	36 657	91 522	106 971	114 268
Harvested cropland irrigated ..... farms..	164	125	90	349	381	265	106
acres..	6 832	(D)	5 976	36 119	90 924	(D)	(D)
Pasture and other land irrigated ..... farms..	5	5	3	12	13	2	1
acres..	61	(D)	12	538	598	(D)	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	546	305	189	555	336	137	64
acres..	36 391	22 240	14 777	48 486	26 948	9 835	7 503
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings ..... farms..	3 445	2 360	1 629	4 890	3 204	1 338	374
$1,000..	871 488	700 290	570 528	2 513 035	2 980 630	2 571 674	1 623 393
Average per farm ..... dollars..	252 972	296 733	350 232	513 913	930 284	1 922 029	4 340 624
Average per acre ..... dollars..	1 604	1 496	1 476	1 439	1 353	1 450	1 418
Farms by value group:							
$1 to $39,999	60	–	–	10	1	–	–
$40,000 to $69,999	90	36	24	35	–	–	–
$70,000 to $99,999	213	120	91	50	2	–	–
$100,000 to $149,999	525	222	108	127	18	2	–
$150,000 to $199,999	778	321	157	253	56	–	–
$200,000 to $499,999	1 521	1 315	949	2 524	527	47	3
$500,000 to $999,999	218	312	230	1 533	1 444	162	9
$1,000,000 to $1,999,999	33	33	65	288	1 013	625	37
$2,000,000 to $4,999,999	7	1	5	68	135	469	212
$5,000,000 or more	–	–	–	2	8	33	113
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms..	3 445	2 360	1 629	4 890	3 204	1 338	374
$1,000..	159 089	136 092	92 646	507 412	607 383	438 060	245 417
Farms by value group:							
$1 to $4,999	188	112	40	60	17	3	–
$5,000 to $9,999	293	136	145	183	22	8	1
$10,000 to $19,999	545	406	257	274	118	17	4
$20,000 to $49,999	1 275	656	515	950	235	50	13
$50,000 to $99,999	769	636	406	1 441	501	74	20
$100,000 to $199,999	285	336	196	1 279	1 025	213	32
$200,000 to $499,999	86	69	68	659	1 139	740	118
$500,000 or more	4	9	2	44	147	233	186
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms..	2 917	2 079	1 496	4 587	3 134	1 335	373
number..	4 916	3 801	2 929	10 029	9 906	6 312	2 942
Wheel tractors ..... farms..	3 231	2 256	1 551	4 692	3 062	1 211	337
number..	8 973	6 228	4 281	16 072	14 340	6 966	2 691
Less than 40 horsepower (PTO) ..... farms..	1 938	1 166	731	2 224	1 516	567	154
number..	3 212	1 917	1 081	3 800	2 648	1 166	324
40 horsepower (PTO) or more ..... farms..	2 769	1 991	1 424	4 365	2 913	1 136	315
number..	5 761	4 311	3 200	12 272	11 692	5 800	2 367
40 to 99 horsepower (PTO) ..... farms..	2 531	1 865	1 249	3 867	2 583	960	255
number..	4 176	3 274	2 274	7 624	6 003	2 710	962
100 horsepower (PTO) or more ..... farms..	1 277	860	668	3 004	2 378	932	272
number..	1 585	1 037	926	4 648	5 689	3 090	1 405
Grain and bean combines ..... farms..	1 305	948	702	2 926	2 360	1 096	310
number..	1 484	1 113	780	3 392	2 853	1 443	515
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	1 595	1 141	845	2 578	1 543	496	99
number..	1 720	1 221	929	2 815	1 735	577	125
Pickup balers ..... farms..	1 651	1 121	819	2 618	1 583	524	111
number..	2 119	1 419	1 108	3 544	2 202	747	159
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms..	2 486	1 859	1 238	4 376	3 038	1 311	365
acres on which used..	208 628	199 269	161 663	961 873	1 430 035	1 298 849	882 902
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms..	696	597	408	1 436	1 297	596	214
acres on which used..	38 007	42 488	40 484	176 801	319 080	286 716	245 444
Nematodes in crops ..... farms..	45	52	54	148	138	54	24
acres on which used..	2 447	2 845	4 763	22 586	33 824	19 723	23 237
Diseases in crops and orchards ..... farms..	253	223	193	428	350	165	78
acres on which used..	13 564	17 368	17 174	52 210	75 191	64 753	83 087
Weeds, grass, or brush in crops and pasture ..... farms..	1 817	1 373	929	3 477	2 518	981	294
acres on which used..	147 799	142 668	112 013	752 041	1 138 445	978 263	734 026
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	137	96	71	202	134	61	32
acres on which used..	7 912	6 373	7 406	19 428	29 510	22 675	23 800

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
TENURE AND RACE OF OPERATOR						
All operators	46 027	2 611	12 075	3 563	5 801	4 572
Full owners	27 933	2 229	9 926	2 527	4 332	2 965
Part owners	15 497	122	1 442	796	1 193	1 381
Tenants	2 597	260	707	240	276	226
White	45 708	2 581	11 933	3 537	5 765	4 551
Full owners	27 694	2 201	9 807	2 509	4 308	2 952
Part owners	15 427	120	1 424	788	1 183	1 374
Tenants	2 587	260	702	240	274	225
Black and other races	319	30	142	26	36	21
Full owners	239	28	119	18	24	13
Part owners	70	2	18	8	10	7
Tenants	10	–	5	–	2	1
OWNED AND RENTED LAND						
Land owned farms	43 517	2 354	11 405	3 333	5 532	4 354
acres	6 511 133	38 103	394 426	214 108	459 068	483 950
Owned land in farms farms	43 430	2 351	11 368	3 323	5 525	4 346
acres	6 054 109	10 365	291 953	172 214	406 357	435 762
Land rented or leased from others farms	18 234	404	2 185	1 052	1 483	1 617
acres	3 852 924	3 384	44 361	37 607	68 911	99 472
landlords	66 298	614	3 514	1 977	3 270	3 497
Rented or leased land in farms farms	18 094	382	2 149	1 036	1 469	1 607
acres	3 818 703	1 443	40 916	35 844	66 538	96 593
Land rented or leased to others farms	6 290	451	2 015	734	794	591
acres	491 245	29 679	105 918	43 657	55 084	51 067
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	37 077	1 923	9 597	2 765	4 532	3 703
Not on farm operated	6 043	455	1 711	573	904	629
Not reported	2 907	233	767	225	365	240
Operators by principal occupation:						
Farming	22 043	804	3 425	1 214	2 219	2 077
Other	23 984	1 807	8 650	2 349	3 582	2 495
Operators by days worked off farm:						
None	17 964	782	3 177	1 091	2 000	1 695
Any	25 906	1 720	8 440	2 326	3 529	2 669
1 to 99 days	3 489	166	709	264	395	342
100 to 199 days	3 849	242	1 103	312	498	421
200 days or more	18 568	1 312	6 628	1 750	2 636	1 906
Not reported	2 157	109	458	146	272	208
Operators by years on present farm:						
2 years or less	1 810	168	791	161	208	168
3 or 4 years	2 532	280	1 014	200	336	225
5 to 9 years	5 715	477	2 091	504	772	533
10 years or more	28 751	1 190	6 331	2 128	3 537	2 928
Average years on present farm	21.6	14.1	16.2	19.9	21.6	23.1
Not reported	7 219	496	1 848	570	948	718
Operators by age group:						
Under 25 years	459	61	124	37	54	38
25 to 34 years	3 114	231	961	245	350	289
35 to 44 years	9 770	742	2 860	740	1 081	835
45 to 49 years	5 906	394	1 779	440	674	508
50 to 54 years	5 978	344	1 601	464	688	549
55 to 59 years	5 598	258	1 448	435	672	556
60 to 64 years	4 812	177	1 061	356	652	531
65 to 69 years	3 901	144	879	315	567	473
70 years and over	6 489	260	1 362	531	1 063	793
Average age	53.3	49.5	51.7	53.5	55.2	55.1
Operators by sex:						
Male	42 094	2 125	10 447	3 265	5 315	4 240
Female	3 933	486	1 628	298	486	332
Operators of Spanish, Hispanic, or Latino origin (see text)	280	15	87	25	28	25
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship) farms	40 190	2 231	11 073	3 252	5 345	4 175
acres	7 205 435	10 233	306 282	190 073	435 666	486 275
Partnership farms	3 778	148	566	196	326	263
acres	1 717 866	580	15 778	11 376	26 613	30 696
Corporation:						
Family held farms	1 662	186	340	85	91	90
acres	842 331	802	8 180	4 887	7 448	10 446
More than 10 stockholders farms	30	5	4	2	2	–
10 or less stockholders farms	1 632	181	336	83	89	90
Other than family held farms	172	31	48	7	13	17
acres	41 864	(D)	1 181	400	1 077	1 904
More than 10 stockholders farms	17	3	5	2	2	1
10 or less stockholders farms	155	28	43	5	11	16
Other—cooperative, estate or trust, institutional, etc. farms	225	15	48	23	26	27
acres	65 316	(D)	1 448	1 322	2 091	3 034

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
TENURE AND RACE OF OPERATOR							
All operators	3 503	2 401	1 683	4 905	3 201	1 338	374
Full owners	2 053	1 137	727	1 427	487	93	30
Part owners	1 284	1 124	872	3 253	2 551	1 163	316
Tenants	166	140	84	225	163	82	28
White	3 488	2 391	1 674	4 885	3 193	1 336	374
Full owners	2 041	1 128	725	1 417	484	92	30
Part owners	1 282	1 123	866	3 243	2 546	1 162	316
Tenants	165	140	83	225	163	82	28
Black and other races	15	10	9	20	8	2	–
Full owners	12	9	2	10	3	1	–
Part owners	2	1	6	10	5	1	–
Tenants	1	–	1	–	–	–	–
OWNED AND RENTED LAND							
Land owned farms	3 342	2 265	1 601	4 686	3 041	1 257	347
acres	473 118	378 582	301 527	1 183 682	1 252 218	831 878	500 473
Owned land in farms farms	3 337	2 261	1 599	4 680	3 038	1 256	346
acres	437 539	347 421	285 089	1 130 708	1 228 493	822 538	485 670
Land rented or leased from others farms	1 458	1 273	963	3 493	2 716	1 246	344
acres	116 204	128 074	116 467	623 506	996 992	954 745	663 201
landlords	3 541	3 513	2 918	12 186	14 971	10 843	5 454
Rented or leased land in farms farms	1 450	1 264	956	3 478	2 714	1 245	344
acres	114 266	126 448	115 135	618 513	992 522	950 976	659 509
Land rented or leased to others farms	464	342	173	385	211	93	37
acres	37 517	32 787	17 770	57 967	28 195	13 109	18 495
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	2 877	2 012	1 434	4 230	2 705	1 044	255
Not on farm operated	430	280	169	442	241	151	58
Not reported	196	109	80	233	255	143	61
Operators by principal occupation:							
Farming	1 753	1 391	1 063	3 665	2 833	1 240	359
Other	1 750	1 010	620	1 240	368	98	15
Operators by days worked off farm:							
None	1 412	1 038	767	2 642	2 136	940	284
Any	1 931	1 260	834	2 006	872	270	49
1 to 99 days	259	205	164	501	323	133	28
100 to 199 days	326	202	138	409	155	37	6
200 days or more	1 346	853	532	1 096	394	100	15
Not reported	160	103	82	257	193	128	41
Operators by years on present farm:							
2 years or less	89	61	37	71	31	20	5
3 or 4 years	147	75	60	117	58	17	3
5 to 9 years	355	228	135	364	174	69	13
10 years or more	2 406	1 695	1 219	3 687	2 416	959	255
Average years on present farm	25.1	25.3	25.5	27.0	27.3	26.8	27.6
Not reported	506	342	232	666	522	273	98
Operators by age group:							
Under 25 years	35	27	21	32	22	4	4
25 to 34 years	204	135	112	283	201	84	19
35 to 44 years	546	448	313	1 026	772	313	94
45 to 49 years	380	262	182	595	430	210	52
50 to 54 years	470	292	242	593	450	227	58
55 to 59 years	423	293	212	652	424	178	47
60 to 64 years	416	290	184	599	381	127	38
65 to 69 years	340	220	150	459	224	94	36
70 years and over	689	434	267	666	297	101	26
Average age	56.0	55.2	54.2	53.9	51.9	51.4	51.5
Operators by sex:							
Male	3 266	2 287	1 615	4 737	3 131	1 301	365
Female	237	114	68	168	70	37	9
Operators of Spanish, Hispanic, or Latino origin (see text)	25	11	11	22	20	8	3
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms	3 136	2 141	1 465	4 106	2 318	792	156
acres	494 090	422 463	348 286	1 454 370	1 585 957	1 039 445	432 295
Partnership farms	267	183	151	598	612	340	128
acres	42 088	36 333	36 067	221 272	436 537	454 096	406 430
Corporation:							
Family held farms	77	58	46	170	250	185	84
acres	12 056	11 340	10 900	62 471	182 406	252 963	278 432
More than 10 stockholders farms	3	1	–	–	2	8	3
10 or less stockholders farms	74	57	46	170	248	177	81
Other than family held farms	4	5	15	12	9	9	2
acres	632	988	3 565	4 455	6 948	11 895	(D)
More than 10 stockholders farms	–	–	2	–	–	2	–
10 or less stockholders farms	4	5	13	12	9	7	2
Other—cooperative, estate or trust, institutional, etc. farms	19	14	6	19	12	12	4
acres	2 939	2 745	1 406	6 653	9 167	15 115	(D)

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
INJURIES AND DEATHS						
Farm-related injuries:						
Operator and family members ..... farms..	448	15	96	23	41	36
number..	503	16	110	24	47	41
Hired workers ..... farms..	364	8	37	11	15	14
number..	554	14	67	23	22	16
Farm-related deaths:						
Operator and family members ..... farms..	7	1	–	–	–	–
number..	7	(D)	–	–	–	–
Hired workers ..... farms..	4	–	–	–	–	1
number..	4	–	–	–	–	(D)
FARMS BY SIZE						
1 to 9 acres	2 611	2 611	–	–	–	–
10 to 49 acres	12 075	–	12 075	–	–	–
50 to 69 acres	3 563	–	–	3 563	–	–
70 to 99 acres	5 801	–	–	–	5 801	–
100 to 139 acres	4 572	–	–	–	–	4 572
140 to 179 acres	3 503	–	–	–	–	–
180 to 219 acres	2 401	–	–	–	–	–
220 to 259 acres	1 683	–	–	–	–	–
260 to 499 acres	4 905	–	–	–	–	–
500 to 999 acres	3 201	–	–	–	–	–
1,000 to 1,999 acres	1 338	–	–	–	–	–
2,000 acres or more	374	–	–	–	–	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM						
Oilseed and grain farming (1111)	16 307	114	2 489	1 268	2 337	1 936
Vegetable and melon farming (1112)	1 428	114	448	115	153	131
Fruit and tree nut farming (1113)	2 668	197	956	244	344	237
Greenhouse, nursery, and floriculture production (1114)	3 054	704	1 275	212	284	157
Other crop farming (1119)	6 191	70	1 724	593	986	790
Tobacco farming (11191)	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	6 191	70	1 724	593	986	790
Beef cattle ranching and farming (112111)	4 765	262	1 242	432	698	564
Cattle feedlots (112112)	1 791	136	528	141	237	170
Dairy cattle and milk production (11212)	3 177	28	92	57	158	226
Hog and pig farming (1122)	1 178	159	312	72	131	99
Poultry and egg production (1123)	400	90	166	28	33	23
Sheep and goat farming (1124)	681	69	323	68	86	45
Animal aquaculture and other animal production (1125, 1129)	4 387	668	2 520	333	354	194
LIVESTOCK						
Cattle and calves inventory ..... farms..	15 468	502	2 832	1 019	1 792	1 631
number..	1 025 702	11 179	44 736	18 454	38 214	49 549
Farms with—						
1 to 9	3 913	273	1 687	416	557	346
10 to 49	6 732	177	1 062	546	1 118	1 080
50 to 99	2 148	27	53	47	99	174
100 to 199	1 497	17	20	7	12	25
200 to 499	955	7	5	2	5	3
500 or more	223	1	5	1	1	3
Cows and heifers that had calved ..... farms..	11 140	230	1 730	667	1 295	1 193
number..	417 040	3 127	14 021	6 938	14 583	22 547
Beef cows ..... farms..	7 566	187	1 554	585	1 077	919
number..	116 399	1 273	9 539	4 964	10 169	10 399
Farms with—						
1 to 9	3 880	145	1 304	404	662	460
10 to 49	3 289	41	241	173	408	454
50 to 99	304	–	8	8	7	5
100 to 199	79	1	1	–	–	–
200 to 499	11	–	–	–	–	–
500 or more	3	–	–	–	–	–
Milk cows ..... farms..	3 990	50	218	95	254	311
number..	300 641	1 854	4 482	1 974	4 414	12 148
Farms with—						
1 to 4	334	23	113	21	58	48
5 to 9	154	6	21	15	31	25
10 to 49	1 493	13	73	53	149	202
50 to 99	1 048	3	5	3	16	29
100 to 199	714	4	2	1	–	4
200 to 499	208	–	2	2	–	–
500 or more	39	1	2	–	–	3
Heifers and heifer calves ..... farms..	10 594	230	1 489	652	1 193	1 160
number..	321 816	2 542	8 986	5 079	11 164	13 883
Steers, steer calves, bulls, and bull calves ..... farms..	12 981	416	2 265	848	1 505	1 389
number..	286 846	5 510	21 729	6 437	12 467	13 119

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members ..... farms..	31	22	20	69	61	29	5
number..	32	24	22	75	72	34	6
Hired workers ..... farms..	13	23	12	54	74	63	40
number..	17	33	13	72	111	92	74
Farm-related deaths:							
Operator and family members ..... farms..	–	1	–	1	2	1	1
number..	–	(D)	–	(D)	(D)	(D)	(D)
Hired workers ..... farms..	–	1	–	1	1	–	–
number..	–	(D)	–	(D)	(D)	–	–
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	3 503	–	–	–	–	–	–
180 to 219 acres	–	2 401	–	–	–	–	–
220 to 259 acres	–	–	1 683	–	–	–	–
260 to 499 acres	–	–	–	4 905	–	–	–
500 to 999 acres	–	–	–	–	3 201	–	–
1,000 to 1,999 acres	–	–	–	–	–	1 338	–
2,000 acres or more	–	–	–	–	–	–	374
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	1 551	1 062	739	2 207	1 564	798	242
Vegetable and melon farming (1112)	83	48	39	127	86	59	25
Fruit and tree nut farming (1113)	178	129	90	183	87	17	6
Greenhouse, nursery, and floriculture production (1114)	120	68	58	104	54	13	5
Other crop farming (1119)	583	331	215	537	242	92	28
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	583	331	215	537	242	92	28
Beef cattle ranching and farming (112111)	407	274	180	452	189	52	13
Cattle feedlots (112112)	144	105	61	144	77	30	18
Dairy cattle and milk production (11212)	199	240	220	944	773	217	23
Hog and pig farming (1122)	54	52	39	114	92	43	11
Poultry and egg production (1123)	13	9	4	20	8	4	2
Sheep and goat farming (1124)	36	16	11	20	4	3	–
Animal aquaculture and other animal production (1125, 1129)	135	67	27	53	25	10	1
LIVESTOCK							
Cattle and calves inventory ..... farms..	1 322	1 031	757	2 370	1 578	529	105
number..	46 561	47 743	39 360	204 258	280 068	155 517	90 063
Farms with—							
1 to 9	198	106	86	151	65	23	5
10 to 49	830	552	349	710	243	59	6
50 to 99	236	279	214	704	264	44	7
100 to 199	48	84	98	609	454	110	13
200 to 499	10	9	10	189	487	208	20
500 or more	–	1	–	7	65	85	54
Cows and heifers that had calved ..... farms..	982	811	589	1 914	1 271	395	63
number..	19 661	20 985	17 608	91 998	120 345	62 928	22 299
Beef cows ..... farms..	748	557	370	936	458	145	30
number..	11 078	10 175	6 744	21 991	16 986	9 175	3 906
Farms with—							
1 to 9	292	166	109	228	91	17	2
10 to 49	437	370	246	606	243	62	8
50 to 99	16	17	14	92	94	33	10
100 to 199	3	3	1	10	28	29	3
200 to 499	–	1	–	–	2	3	5
500 or more	–	–	–	–	–	1	2
Milk cows ..... farms..	261	286	243	1 074	890	273	35
number..	8 583	10 810	10 864	70 007	103 359	53 753	18 393
Farms with—							
1 to 4	29	11	8	18	5	–	–
5 to 9	16	14	4	16	5	1	–
10 to 49	166	184	141	393	107	10	2
50 to 99	38	69	79	454	302	49	1
100 to 199	12	8	11	183	371	108	10
200 to 499	–	–	–	8	95	90	11
500 or more	–	–	–	2	5	15	11
Heifers and heifer calves ..... farms..	939	772	571	1 853	1 273	393	69
number..	12 788	13 931	12 144	67 561	98 464	50 832	24 442
Steers, steer calves, bulls, and bull calves ..... farms..	1 144	892	632	2 001	1 336	457	96
number..	14 112	12 827	9 608	44 699	61 259	41 757	43 322

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LIVESTOCK—Con.						
Cattle and calves sold ..... farms..	14 293	439	2 192	900	1 626	1 540
number..	537 681	13 448	58 072	9 964	21 551	22 484
$1,000..	276 971	5 294	19 028	4 909	9 194	9 195
Calves ..... farms..	6 739	167	909	381	749	724
number..	171 501	7 283	37 431	3 004	9 143	9 544
$1,000..	27 547	1 150	4 623	614	1 919	1 659
Cattle ..... farms..	11 752	354	1 741	723	1 276	1 236
number..	366 180	6 165	20 641	6 960	12 408	12 940
$1,000..	249 424	4 144	14 404	4 295	7 275	7 537
Fattened on grain and concentrates .... farms..	4 729	181	796	283	492	458
number..	210 652	2 833	13 431	2 597	4 344	4 169
$1,000..	164 956	2 154	10 509	1 974	3 155	3 028
Hogs and pigs inventory ..... farms..	2 853	233	653	213	321	252
number..	1 032 014	101 960	86 573	30 575	46 685	48 842
Farms with—						
1 to 24	1 424	133	472	137	187	124
25 to 49	248	21	48	20	33	33
50 to 99	274	15	48	23	32	30
100 to 199	226	10	29	9	34	21
200 to 499	265	15	29	14	22	26
500 or more	416	39	27	10	13	18
Used or to be used for breeding ..... farms..	1 524	106	278	110	180	146
number..	129 404	11 065	8 410	4 614	6 949	6 395
Other ..... farms..	2 673	223	611	190	298	236
number..	902 610	90 895	78 163	25 961	39 736	42 447
Hogs and pigs sold..... farms..	2 690	221	578	187	295	252
number..	2 206 940	249 139	253 903	76 103	82 983	109 213
$1,000..	228 488	22 250	21 728	9 400	8 340	11 480
Feeder pigs ..... farms..	481	41	95	37	62	55
number..	358 029	104 335	28 632	4 958	24 487	24 190
$1,000..	13 272	3 740	1 202	(D)	1 215	1 214
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 .... farms..	1 604	110	297	119	187	153
number..	194 794	22 144	11 738	9 233	8 580	10 659
Dec. 1 and May 31..... farms..	1 476	103	271	103	169	140
number..	97 977	11 032	5 702	4 639	3 657	5 281
June 1 and Nov. 30 ..... farms..	1 346	101	219	93	160	124
number..	96 817	11 112	6 036	4 594	4 923	5 378
Sheep and lambs of all ages inventory..... farms..	1 628	95	550	145	199	160
number..	72 107	2 773	13 188	4 535	6 877	6 227
Ewes 1 year old or older ..... farms..	1 379	75	460	126	176	140
number..	36 241	(D)	7 431	2 838	3 880	3 048
Sheep and lambs sold..... farms..	1 436	80	501	129	171	141
number..	77 146	2 401	10 666	13 783	5 637	4 439
Sheep and lambs shorn ..... farms..	1 257	72	420	118	160	121
number..	61 122	(D)	10 706	3 688	5 570	4 506
pounds of wool..	431 678	(D)	77 712	26 406	36 726	30 796
Horses and ponies inventory ..... farms..	9 090	657	3 854	806	1 101	783
number..	66 201	4 158	27 899	5 640	7 947	5 743
Horses and ponies sold..... farms..	2 482	284	1 263	203	266	157
number..	9 646	747	3 771	734	1 227	504
Goats inventory ..... farms..	1 245	124	540	113	158	94
number..	10 603	1 065	4 600	899	1 195	550
Goats sold ..... farms..	371	53	164	29	54	20
number..	4 168	1 027	1 424	360	622	143
POULTRY						
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	2 276	173	862	190	315	236
number..	6 043 468	(D)	1 356 357	17 304	(D)	10 267
Farms with—						
1 to 399	2 216	164	853	188	312	233
400 to 3,199	25	3	4	1	1	3
3,200 to 9,999.....	3	–	–	–	–	–
10,000 to 19,999	3	1	–	1	–	–
20,000 to 49,999	9	3	–	–	1	–
50,000 to 99,999	5	1	2	–	–	–
100,000 or more	15	1	3	–	1	–
Layers 20 weeks old and older ..... farms..	2 205	167	835	189	307	224
number..	4 928 067	328 614	1 353 684	16 480	(D)	9 070
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	370	36	125	29	54	50
number..	1 115 401	(D)	2 673	824	(D)	1 197
Layers, pullets, and pullet chicks sold (see text)..... farms..	299	40	99	12	40	27
number..	4 494 476	305 726	(D)	(D)	254 288	(D)
Broilers and other meat-type chickens sold .. farms..	336	33	124	29	47	45
number..	393 028	94 062	19 155	2 549	5 415	19 345
Farms with—						
1 to 1,999.....	327	29	122	29	47	44
2,000 to 59,999.....	7	3	2	–	–	1
60,000 to 99,999	1	1	–	–	–	–
100,000 or more	1	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	185	22	68	19	16	18
number..	(D)	112	(D)	47	60	69
Turkeys sold ..... farms..	241	32	106	13	26	12
number..	6 480 843	264 727	1 306 508	(D)	(D)	280 310

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
LIVESTOCK—Con.							
Cattle and calves sold ..... farms..	1 280	1 015	740	2 349	1 579	528	105
number..	21 738	20 653	17 178	84 870	120 434	68 927	78 362
$1,000..	10 293	9 188	7 440	39 736	62 534	40 353	59 809
Calves ..... farms..	590	501	378	1 258	834	219	29
number..	7 704	8 035	7 473	29 508	33 076	14 637	4 663
$1,000..	1 600	1 475	1 686	5 016	4 782	2 316	709
Cattle ..... farms..	1 044	834	612	1 976	1 377	482	97
number..	14 034	12 618	9 705	55 362	87 358	54 290	73 699
$1,000..	8 693	7 713	5 754	34 721	57 752	38 037	59 100
Fattened on grain and concentrates .... farms..	398	327	228	740	550	215	61
number..	5 115	5 664	3 723	21 572	49 156	33 626	64 422
$1,000..	3 852	4 261	2 708	16 296	36 923	26 951	53 145
Hogs and pigs inventory ..... farms..	206	137	116	332	247	113	30
number..	25 255	30 138	30 753	117 198	206 315	185 499	122 221
Farms with—							
1 to 24	98	66	40	101	53	13	–
25 to 49	34	6	6	33	13	1	–
50 to 99	28	20	19	34	20	5	–
100 to 199	25	14	14	41	23	6	–
200 to 499	11	14	21	49	41	18	5
500 or more	10	17	16	74	97	70	25
Used or to be used for breeding ..... farms..	113	92	75	210	140	61	13
number..	8 743	3 982	3 464	14 888	23 541	24 796	12 557
Other ..... farms..	188	129	103	317	239	109	30
number..	16 512	26 156	27 289	102 310	182 774	160 703	109 664
Hogs and pigs sold..... farms..	187	138	115	326	247	114	30
number..	116 645	56 297	69 798	201 042	435 161	338 114	218 542
$1,000..	6 021	6 164	5 768	23 627	47 462	41 310	24 937
Feeder pigs ..... farms..	33	30	27	56	32	11	2
number..	(D)	9 737	6 433	13 647	33 955	20 334	(D)
$1,000..	1 168	493	313	684	1 369	1 156	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	125	92	78	220	146	63	14
number..	13 789	6 144	5 008	21 715	35 455	29 904	20 425
Dec. 1 and May 31..... farms..	116	91	69	208	133	59	14
number..	7 145	3 092	2 779	10 972	18 523	13 813	11 342
June 1 and Nov. 30 ..... farms..	98	79	70	191	138	60	13
number..	6 644	3 052	2 229	10 743	16 932	16 091	9 083
Sheep and lambs of all ages inventory..... farms..	128	71	49	130	70	28	3
number..	5 634	3 547	2 607	10 779	9 275	5 586	1 079
Ewes 1 year old or older ..... farms..	103	68	41	111	56	21	2
number..	3 138	2 433	1 726	5 078	3 177	1 475	(D)
Sheep and lambs sold..... farms..	100	63	48	112	62	26	3
number..	4 126	2 684	2 394	14 274	7 515	8 013	1 214
Sheep and lambs shorn ..... farms..	92	63	38	98	50	23	2
number..	4 065	2 856	2 780	10 173	4 926	8 152	(D)
pounds of wool..	30 658	21 221	20 766	74 956	33 614	55 128	(D)
Horses and ponies inventory ..... farms..	535	327	203	452	259	93	20
number..	3 996	2 591	1 695	3 220	1 753	1 436	123
Horses and ponies sold..... farms..	102	64	27	74	31	10	1
number..	502	1 467	194	258	189	(D)	(D)
Goats inventory ..... farms..	62	38	29	51	26	7	3
number..	771	615	140	579	109	(D)	(D)
Goats sold ..... farms..	10	12	7	17	4	1	–
number..	118	239	38	174	(D)	(D)	–
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	163	77	70	123	52	12	3
number..	(D)	(D)	(D)	(D)	1 763 566	(D)	(D)
Farms with—							
1 to 399	157	75	69	113	43	9	–
400 to 3,199	4	1	–	4	2	1	1
3,200 to 9,999.....	1	–	–	2	–	–	–
10,000 to 19,999	–	–	–	1	–	–	–
20,000 to 49,999	–	–	–	1	3	1	–
50,000 to 99,999	–	1	–	–	1	–	–
100,000 or more	1	–	1	2	3	1	2
Layers 20 weeks old and older ..... farms..	159	72	68	119	51	11	3
number..	(D)	2 970	1 595	304 236	1 550 585	(D)	(D)
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	21	14	9	24	6	2	–
number..	1 338	(D)	(D)	(D)	212 981	(D)	–
Layers, pullets, and pullet chicks sold (see text)..... farms..	21	15	10	16	15	2	2
number..	(D)	(D)	(D)	949 067	879 365	(D)	(D)
Broilers and other meat-type chickens sold .. farms..	18	13	7	14	5	1	–
number..	3 388	3 266	1 105	(D)	(D)	(D)	–
Farms with—							
1 to 1,999.....	18	13	7	13	4	1	–
2,000 to 59,999.....	–	–	–	1	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	1	–	–
Turkey hens kept for breeding ..... farms..	14	8	5	10	2	3	–
number..	36	(D)	16	(D)	(D)	7	–
Turkeys sold ..... farms..	14	4	5	20	5	3	1
number..	(D)	(D)	(D)	439 845	(D)	(D)	(D)

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
SELECTED CROPS HARVESTED						
Corn for grain or seed ..... farms..	16 712	69	1 442	846	1 665	1 741
acres..	2 122 283	320	19 634	16 679	40 685	55 271
bushels..	238 319 129	28 105	1 753 514	1 545 358	3 845 198	5 420 111
Irrigated ..... farms..	780	5	23	17	24	18
acres..	164 236	18	270	276	646	693
Farms by acres harvested:						
1 to 24 acres	4 915	69	1 244	599	1 003	776
25 to 99 acres	6 160	–	198	247	662	935
100 to 249 acres	3 298	–	–	–	–	30
250 to 499 acres	1 485	–	–	–	–	–
500 acres or more	854	–	–	–	–	–
Corn for silage or green chop ..... farms..	4 817	9	156	102	312	449
acres..	279 786	26	1 648	1 194	4 120	8 230
tons, green..	4 001 045	368	20 095	13 343	49 489	103 269
Irrigated ..... farms..	94	–	3	1	2	2
acres..	6 165	–	(D)	(D)	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	2 012	9	140	90	269	337
25 to 99 acres	1 995	–	16	12	43	111
100 to 249 acres	665	–	–	–	–	1
250 to 499 acres	106	–	–	–	–	–
500 acres or more	39	–	–	–	–	–
Wheat for grain ..... farms..	8 976	18	499	331	784	807
acres..	499 742	84	5 959	5 005	14 030	16 921
bushels..	28 432 159	4 108	289 131	258 919	709 297	900 989
Irrigated ..... farms..	65	–	1	2	–	4
acres..	7 737	–	(D)	(D)	–	85
Farms by acres harvested:						
1 to 24 acres	3 781	18	466	282	610	578
25 to 99 acres	3 821	–	33	49	174	223
100 to 249 acres	1 107	–	–	–	–	6
250 to 499 acres	217	–	–	–	–	–
500 acres or more	50	–	–	–	–	–
Oats for grain ..... farms..	3 707	3	228	161	380	414
acres..	77 588	(D)	1 661	(D)	3 857	5 133
bushels..	4 624 435	442	85 074	87 668	213 143	303 274
Irrigated ..... farms..	18	–	–	–	1	2
acres..	727	–	–	–	(D)	(D)
Soybeans for beans ..... farms..	12 561	60	1 102	677	1 316	1 241
acres..	1 694 872	337	19 551	18 800	44 266	55 355
bushels..	62 242 411	12 478	636 089	606 910	1 473 546	1 838 978
Irrigated ..... farms..	384	1	6	9	12	12
acres..	47 518	(D)	(D)	207	471	454
Farms by acres harvested:						
1 to 24 acres	2 590	60	839	306	477	300
25 to 99 acres	5 353	–	263	371	839	877
100 to 249 acres	2 728	–	–	–	–	64
250 to 499 acres	1 213	–	–	–	–	–
500 acres or more	677	–	–	–	–	–
Dry edible beans, excluding dry limas ..... farms..	2 172	13	78	52	120	157
acres..	302 767	54	1 221	1 296	3 118	5 509
cwt..	4 878 076	765	18 341	20 733	95 527	83 851
Irrigated ..... farms..	86	–	3	3	4	3
acres..	11 390	–	(D)	(D)	93	(D)
Farms by acres harvested:						
1 to 24 acres	378	13	67	35	67	57
25 to 99 acres	859	–	11	17	53	99
100 to 249 acres	569	–	–	–	–	1
250 to 499 acres	266	–	–	–	–	–
500 acres or more	100	–	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	328	4	47	24	23	22
acres..	44 931	(D)	(D)	177	237	578
cwt..	13 632 901	(D)	(D)	35 244	65 805	137 831
Irrigated ..... farms..	175	1	18	11	7	8
acres..	33 519	(D)	47	109	(D)	249
Farms by acres harvested:						
0.1 to 4.9 acres	125	3	37	17	17	10
5.0 to 24.9 acres	43	1	10	3	3	5
25.0 to 99.9 acres	62	–	–	4	3	6
100.0 to 249.9 acres	49	–	–	–	–	1
250.0 acres or more	49	–	–	–	–	–
Sugar beets for sugar ..... farms..	1 182	3	38	18	47	54
acres..	163 236	13	523	397	1 032	1 378
tons..	3 055 112	(D)	9 777	(D)	19 331	25 477
Irrigated ..... farms..	39	–	2	1	2	2
acres..	2 445	–	(D)	(D)	(D)	(D)

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms..	1 537	1 234	918	3 206	2 540	1 172	342
acres..	64 397	65 036	57 582	326 780	554 270	547 731	373 898
bushels..	6 372 544	6 550 146	5 853 124	34 766 689	62 227 007	64 521 836	45 435 497
Irrigated ..... farms..	31	21	16	135	220	187	83
acres..	1 568	1 396	1 059	12 751	40 792	54 314	50 453
Farms by acres harvested:							
1 to 24 acres	461	285	160	266	44	7	1
25 to 99 acres	1 001	810	594	1 365	318	26	4
100 to 249 acres	75	139	162	1 474	1 252	161	5
250 to 499 acres	–	–	2	101	846	504	32
500 acres or more	–	–	–	–	80	474	300
Corn for silage or green chop ..... farms..	421	374	326	1 265	983	345	75
acres..	9 820	9 911	11 119	62 568	85 320	52 630	33 200
tons, green..	124 832	128 525	144 179	833 542	1 247 694	808 639	527 070
Irrigated ..... farms..	3	1	2	9	45	20	6
acres..	154	(D)	(D)	558	2 480	1 646	1 096
Farms by acres harvested:							
1 to 24 acres	270	233	142	374	126	17	5
25 to 99 acres	141	135	172	755	496	106	8
100 to 249 acres	10	6	12	130	319	164	23
250 to 499 acres	–	–	–	6	40	47	13
500 acres or more	–	–	–	–	2	11	26
Wheat for grain ..... farms..	818	663	523	1 841	1 627	809	256
acres..	19 360	18 257	15 928	82 206	127 365	116 504	78 123
bushels..	987 855	992 541	848 026	4 587 042	7 285 656	6 862 654	4 705 941
Irrigated ..... farms..	–	1	2	8	21	17	9
acres..	–	(D)	(D)	293	1 960	2 195	3 050
Farms by acres harvested:							
1 to 24 acres	516	343	232	498	199	35	4
25 to 99 acres	300	316	284	1 220	927	265	30
100 to 249 acres	2	4	7	121	476	386	105
250 to 499 acres	–	–	–	2	24	117	74
500 acres or more	–	–	–	–	1	6	43
Oats for grain ..... farms..	394	334	238	798	535	188	34
acres..	5 300	5 267	3 878	17 640	17 446	11 477	4 389
bushels..	299 098	303 804	220 294	1 076 764	1 068 024	722 265	244 585
Irrigated ..... farms..	–	1	1	3	7	3	–
acres..	–	(D)	(D)	33	385	(D)	–
Soybeans for beans ..... farms..	1 133	877	675	2 364	1 872	959	285
acres..	62 719	59 685	57 427	279 355	420 232	408 463	268 682
bushels..	2 104 547	2 048 795	1 931 276	9 825 752	15 459 848	15 772 762	10 531 430
Irrigated ..... farms..	16	21	7	62	112	88	38
acres..	797	1 602	352	3 941	13 389	13 943	12 242
Farms by acres harvested:							
1 to 24 acres	216	132	61	158	32	8	1
25 to 99 acres	777	555	365	899	331	68	8
100 to 249 acres	140	190	248	1 146	756	167	17
250 to 499 acres	–	–	1	161	664	351	36
500 acres or more	–	–	–	–	89	365	223
Dry edible beans, excluding dry limas ..... farms..	138	133	110	484	509	280	98
acres..	6 118	7 297	6 036	42 871	87 138	83 833	58 276
cwt..	94 184	115 942	81 854	674 757	1 343 544	1 339 617	1 008 961
Irrigated ..... farms..	1	2	3	12	25	23	7
acres..	(D)	(D)	156	736	3 749	4 276	2 100
Farms by acres harvested:							
1 to 24 acres	37	22	21	39	15	3	2
25 to 99 acres	93	101	76	261	121	21	6
100 to 249 acres	8	10	13	176	260	89	12
250 to 499 acres	–	–	–	8	110	126	22
500 acres or more	–	–	–	–	3	41	56
Potatoes, excluding sweetpotatoes ..... farms..	22	15	17	45	43	43	23
acres..	439	471	798	3 173	6 589	9 925	22 414
cwt..	76 363	76 654	231 960	781 837	1 930 986	2 752 908	7 526 282
Irrigated ..... farms..	7	5	7	27	31	34	19
acres..	156	288	601	1 861	4 893	5 575	19 694
Farms by acres harvested:							
0.1 to 4.9 acres	12	8	11	6	1	2	1
5.0 to 24.9 acres	4	2	1	7	6	1	–
25.0 to 99.9 acres	6	4	2	21	12	4	–
100.0 to 249.9 acres	–	1	3	9	15	18	2
250.0 acres or more	–	–	–	2	9	18	20
Sugar beets for sugar ..... farms..	62	58	43	250	330	193	86
acres..	2 005	2 644	2 245	17 520	41 736	48 234	45 509
tons..	34 648	49 916	41 117	326 343	768 581	908 452	863 313
Irrigated ..... farms..	3	–	2	7	8	6	6
acres..	89	–	(D)	298	549	925	347

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
SELECTED CROPS HARVESTED—Con.						
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	20 858	182	4 194	1 581	2 770	2 424
acres..	1 264 350	817	57 686	34 358	76 574	88 255
tons, dry..	2 830 915	1 889	110 232	66 556	147 304	169 757
Irrigated ..... farms..	258	4	41	17	23	24
acres..	11 154	14	508	158	252	417
Farms by acres harvested:						
1 to 24 acres	9 125	181	3 639	1 029	1 430	930
25 to 99 acres	8 042	1	555	551	1 336	1 417
100 to 249 acres	2 799	–	–	1	4	77
250 to 499 acres	719	–	–	–	–	–
500 acres or more	173	–	–	–	–	–
Alfalfa hay ..... farms..	17 108	148	3 232	1 263	2 216	2 006
acres..	788 156	660	41 592	24 489	55 423	63 276
tons, dry..	1 985 404	1 594	87 893	52 916	116 448	130 570
Irrigated ..... farms..	204	4	33	16	18	18
acres..	7 300	(D)	407	141	218	270
Vegetables harvested for sale (see text) .... farms..	2 498	166	676	195	261	208
acres..	128 349	428	4 569	2 394	4 119	5 880
Irrigated ..... farms..	833	56	195	69	74	63
acres..	59 247	128	1 134	1 007	943	2 795
Farms by acres harvested:						
0.1 to 4.9 acres	907	135	373	82	107	72
5.0 to 24.9 acres	772	31	276	79	93	64
25.0 to 99.9 acres	490	–	27	34	61	53
100.0 to 249.9 acres	224	–	–	–	–	19
250.0 acres or more	105	–	–	–	–	–
Snap beans harvested for sale ..... farms..	453	48	125	29	30	30
acres..	18 553	35	90	79	93	263
Irrigated ..... farms..	211	25	50	13	10	15
acres..	12 622	20	30	32	(D)	78
Land in orchards ..... farms..	2 863	186	915	257	364	261
acres..	139 607	549	8 216	4 430	9 093	9 460
Irrigated ..... farms..	362	35	93	30	40	30
acres..	11 930	(D)	592	286	835	747
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	907	146	400	92	102	68
5.0 to 24.9 acres	862	40	441	84	108	54
25.0 to 99.9 acres	692	–	74	81	154	121
100.0 to 249.9 acres	299	–	–	–	–	18
250.0 acres or more	103	–	–	–	–	–
Apples ..... farms..	1 991	120	591	167	254	189
Bearing and nonbearing..acres..	68 987	259	3 759	2 069	4 540	4 671
pounds..	966 592 252	1 146 608	35 773 737	23 508 237	57 827 288	57 928 740
Cherries, total (see text) ..... farms..	1 077	46	212	73	139	120
Bearing and nonbearing..acres..	47 716	93	1 424	1 043	2 659	3 338
pounds..	272 166 983	341 177	6 719 288	5 173 367	13 498 588	20 549 871
Grapes (see text) ..... farms..	732	62	298	77	86	53
Bearing and nonbearing..acres..	13 045	129	1 888	896	1 171	827
Fresh weight..pounds..	109 863 755	763 045	13 938 883	7 352 331	9 232 756	7 751 926
Berries harvested for sale ..... farms..	1 147	101	457	121	124	89
acres..	18 760	207	2 807	1 142	1 771	2 071
Irrigated ..... farms..	591	47	196	62	75	49
acres..	10 808	89	1 254	639	1 210	1 509

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—Con.

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
SELECTED CROPS HARVESTED—Con.							
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	1 902	1 371	946	2 886	1 834	635	133
acres..	88 964	80 055	66 754	280 079	307 631	143 682	39 495
tons, dry..	177 083	166 468	140 594	631 924	747 871	360 292	110 945
Irrigated ... farms..	4	17	11	17	62	31	7
acres..	125	600	411	477	4 395	2 772	1 025
Farms by acres harvested:							
1 to 24 acres ...	582	320	204	491	227	74	18
25 to 99 acres ...	1 138	812	472	1 145	438	150	27
100 to 249 acres ...	182	236	265	1 103	729	178	24
250 to 499 acres ...	–	3	5	146	374	157	34
500 acres or more ...	–	–	–	1	66	76	30
Alfalfa hay ... farms..	1 549	1 162	808	2 515	1 569	537	103
acres..	60 403	55 446	45 747	179 657	168 778	75 171	17 514
tons, dry..	133 917	128 230	108 561	463 808	486 490	223 815	51 162
Irrigated ... farms..	4	13	9	14	47	26	2
acres..	125	507	303	359	3 139	1 757	(D)
Vegetables harvested for sale (see text) .... farms..	162	96	88	260	199	129	58
acres..	4 817	3 696	4 423	19 111	24 160	29 234	25 518
Irrigated ... farms..	52	35	26	90	75	64	34
acres..	1 680	1 631	1 508	7 345	9 864	13 731	17 482
Farms by acres harvested:							
0.1 to 4.9 acres ...	47	16	16	38	14	5	2
5.0 to 24.9 acres ...	52	39	31	61	27	13	6
25.0 to 99.9 acres ...	49	32	23	92	78	31	10
100.0 to 249.9 acres ...	14	9	17	54	55	44	12
250.0 acres or more ...	–	–	1	15	25	36	28
Snap beans harvested for sale ... farms..	27	11	16	32	46	42	17
acres..	249	84	179	1 248	4 123	7 218	4 892
Irrigated ... farms..	7	7	4	10	27	28	15
acres..	46	63	(D)	389	2 807	4 787	4 280
Land in orchards ... farms..	214	130	105	250	134	37	10
acres..	11 312	9 436	9 163	29 611	30 794	12 809	4 737
Irrigated ... farms..	22	16	17	37	28	11	3
acres..	372	414	530	2 349	3 968	1 359	(D)
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres ...	46	9	11	23	7	3	–
5.0 to 24.9 acres ...	34	24	15	43	14	4	1
25.0 to 99.9 acres ...	89	57	34	47	23	10	2
100.0 to 249.9 acres ...	45	40	44	111	33	6	2
250.0 acres or more ...	–	–	1	26	57	14	5
Apples ... farms..	164	85	77	198	109	30	7
Bearing and nonbearing..acres..	5 609	4 217	4 461	15 606	15 385	6 599	1 812
pounds..	83 503 316	58 305 824	58 899 264	229 019 427	239 503 342	82 963 936	38 212 533
Cherries, total (see text) ... farms..	107	74	55	140	84	21	6
Bearing and nonbearing..acres..	3 820	3 455	2 577	10 429	11 304	5 499	2 077
pounds..	21 227 240	22 641 150	15 343 224	60 162 828	64 774 427	29 073 954	12 661 869
Grapes (see text) ... farms..	41	26	19	44	16	5	5
Bearing and nonbearing..acres..	1 125	1 165	1 390	1 725	2 029	129	573
Fresh weight..pounds..	8 839 938	10 250 734	11 791 413	12 795 570	21 900 385	312 474	4 934 300
Berries harvested for sale ... farms..	67	42	29	67	33	10	7
acres..	1 890	1 123	996	2 611	2 726	(D)	(D)
Irrigated ... farms..	45	25	15	48	18	7	4
acres..	1 192	538	558	1 671	1 216	(D)	(D)

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**

[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	$40,000 to $49,999
FARMS AND LAND IN FARMS							
Farms ..... number..	46 027	447	864	1 954	4 008	3 663	1 336
percent..	100.0	1.0	1.9	4.2	8.7	8.0	2.9
Land in farms ..... acres..	9 872 812	742 214	1 038 259	1 613 446	1 935 160	1 053 341	276 662
Average size of farm ..... acres..	215	1 660	1 202	826	483	288	207
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms..	46 027	447	864	1 954	4 008	3 663	1 336
$1,000..	3 567 825	1 057 281	593 406	677 385	637 327	260 190	59 500
Average per farm ..... dollars..	77 516	2 365 282	686 813	346 666	159 014	71 032	44 536
Farms by value of sales:							
Less than $1,000 (see text)	7 756	–	–	–	–	–	–
$1,000 to $2,499	4 801	–	–	–	–	–	–
$2,500 to $4,999	5 049	–	–	–	–	–	–
$5,000 to $9,999	5 800	–	–	–	–	–	–
$10,000 to $19,999	5 602	–	–	–	–	–	–
$20,000 to $24,999	1 611	–	–	–	–	–	–
$25,000 to $39,999	3 136	–	–	–	–	–	–
$40,000 to $49,999	1 336	–	–	–	–	–	1 336
$50,000 to $99,999	3 663	–	–	–	–	3 663	–
$100,000 to $249,999	4 008	–	–	–	4 008	–	–
$250,000 to $499,999	1 954	–	–	1 954	–	–	–
$500,000 to $999,999	864	–	864	–	–	–	–
$1,000,000 to $2,499,999	344	344	–	–	–	–	–
$2,500,000 to $4,999,999	66	66	–	–	–	–	–
$5,000,000 or more	37	37	–	–	–	–	–
Grains ..... farms..	19 502	260	610	1 433	2 759	2 364	856
$1,000..	1 033 206	103 606	172 891	249 922	253 752	110 233	27 533
Sales of $50,000 or more ..... farms..	4 880	210	467	1 086	1 858	1 259	–
$1,000..	838 846	102 658	169 816	243 250	236 750	86 372	–
Corn for grain ..... farms..	13 864	186	507	1 201	2 304	1 905	676
$1,000..	470 240	53 287	83 637	119 726	110 381	46 086	11 036
Wheat ..... farms..	8 875	171	387	897	1 691	1 313	481
$1,000..	89 407	7 450	13 224	19 524	23 238	10 367	2 870
Soybeans ..... farms..	12 516	164	443	1 057	2 072	1 736	657
$1,000..	375 311	29 094	55 950	86 726	96 894	45 008	12 028
Sorghum for grain ..... farms..	6	1	–	–	1	–	–
$1,000..	22	(D)	–	–	(D)	–	–
Barley ..... farms..	295	2	15	40	52	49	8
$1,000..	1 180	(D)	186	299	(D)	153	17
Oats ..... farms..	1 804	11	34	87	251	237	86
$1,000..	4 311	147	260	534	1 022	681	188
Other grains ..... farms..	2 667	71	166	356	621	450	108
$1,000..	92 735	13 585	19 634	23 114	21 949	7 938	1 394
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	3	–	–	–	–	–	1
$1,000..	34	–	–	–	–	–	(D)
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	10 938	57	138	284	696	795	312
$1,000..	83 225	5 710	6 082	7 999	11 660	11 094	3 256
Sales of $50,000 or more ..... farms..	215	17	28	43	63	64	–
$1,000..	24 307	5 299	4 653	5 015	5 105	4 234	–
Vegetables, sweet corn, and melons ..... farms..	2 494	67	150	209	351	261	97
$1,000..	183 645	62 537	47 014	29 973	23 245	8 949	1 989
Sales of $50,000 or more ..... farms..	601	60	125	154	180	82	–
$1,000..	163 037	62 351	46 441	28 804	20 092	5 349	–
Fruits, nuts, and berries ..... farms..	3 027	38	95	183	415	404	146
$1,000..	231 595	43 711	43 562	47 767	50 842	23 220	5 404
Sales of $50,000 or more ..... farms..	925	34	82	161	359	289	–
$1,000..	204 816	43 647	43 251	47 350	49 933	20 635	–
Nursery and greenhouse crops ..... farms..	3 548	105	103	149	362	306	113
$1,000..	478 448	289 109	58 781	42 437	48 245	17 715	4 084
Sales of $50,000 or more ..... farms..	894	99	98	134	321	242	–
$1,000..	453 975	289 043	58 698	42 122	47 552	16 560	–
Other crops ..... farms..	1 725	75	165	298	434	254	46
$1,000..	189 569	73 681	42 496	36 676	26 204	6 836	867
Sales of $50,000 or more ..... farms..	764	73	155	264	240	32	–
$1,000..	174 245	(D)	42 336	35 722	20 581	(D)	–
Poultry and poultry products ..... farms..	1 442	43	18	25	46	70	27
$1,000..	169 053	149 984	10 276	4 575	2 054	677	257
Sales of $50,000 or more ..... farms..	99	42	16	16	16	9	–
$1,000..	167 358	(D)	(D)	4 551	1 989	584	–
Dairy products ..... farms..	3 696	85	261	668	1 161	781	161
$1,000..	645 713	126 632	133 069	177 678	147 962	44 823	5 342
Sales of $50,000 or more ..... farms..	2 645	85	258	662	1 112	528	–
$1,000..	619 100	126 632	132 953	177 492	146 310	35 713	–
Cattle and calves ..... farms..	14 293	146	339	906	1 711	1 452	486
$1,000..	276 971	90 451	30 877	42 041	39 162	22 621	5 892
Sales of $50,000 or more ..... farms..	790	112	133	209	208	128	–
$1,000..	173 630	89 750	25 958	29 272	20 361	8 288	–

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$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..	3 136	1 611	5 602	5 800	5 049	4 801	7 756
percent..	6.8	3.5	12.2	12.6	11.0	10.4	16.9
Land in farms ..... acres..	560 250	227 004	685 002	529 079	374 867	288 641	548 887
Average size of farm ..... acres..	179	141	122	91	74	60	71
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms..	3 136	1 611	5 602	5 800	5 049	4 801	7 756
$1,000..	98 944	35 798	79 536	41 220	18 208	7 833	1 198
Average per farm ..... dollars..	31 551	22 221	14 198	7 107	3 606	1 632	154
Farms by value of sales:							
Less than $1,000 (see text)	–	–	–	–	–	–	7 756
$1,000 to $2,499	–	–	–	–	–	4 801	–
$2,500 to $4,999	–	–	–	–	5 049	–	–
$5,000 to $9,999	–	–	–	5 800	–	–	–
$10,000 to $19,999	–	–	5 602	–	–	–	–
$20,000 to $24,999	–	1 611	–	–	–	–	–
$25,000 to $39,999	3 136	–	–	–	–	–	–
$40,000 to $49,999	–	–	–	–	–	–	–
$50,000 to $99,999	–	–	–	–	–	–	–
$100,000 to $249,999	–	–	–	–	–	–	–
$250,000 to $499,999	–	–	–	–	–	–	–
$500,000 to $999,999	–	–	–	–	–	–	–
$1,000,000 to $2,499,999	–	–	–	–	–	–	–
$2,500,000 to $4,999,999	–	–	–	–	–	–	–
$5,000,000 or more	–	–	–	–	–	–	–
Grains ..... farms..	2 012	1 010	3 198	2 439	1 458	851	252
$1,000..	46 224	16 457	34 069	12 956	4 188	1 233	141
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Corn for grain ..... farms..	1 542	708	2 213	1 386	746	380	110
$1,000..	18 711	6 241	13 707	5 130	1 744	498	56
Wheat ..... farms..	972	474	1 195	728	340	180	46
$1,000..	4 651	1 871	3 708	1 654	614	213	24
Soybeans ..... farms..	1 458	692	2 058	1 227	587	298	67
$1,000..	19 850	7 209	15 056	5 433	1 577	442	43
Sorghum for grain ..... farms..	2	–	–	–	–	2	–
$1,000..	(D)	–	–	–	–	(D)	–
Barley ..... farms..	32	14	38	24	17	2	2
$1,000..	(D)	30	79	26	19	(D)	(D)
Oats ..... farms..	201	97	300	257	138	82	23
$1,000..	419	202	379	303	117	(D)	(D)
Other grains ..... farms..	275	121	236	149	61	32	21
$1,000..	2 515	905	1 141	410	117	23	9
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	–	–	2	–	–	–	–
$1,000..	–	–	(D)	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	813	443	1 767	1 981	1 631	1 304	717
$1,000..	8 006	3 962	11 315	8 104	4 000	1 723	316
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Vegetables, sweet corn, and melons ..... farms..	216	117	348	290	189	108	91
$1,000..	3 442	1 582	2 962	1 341	466	118	26
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Fruits, nuts, and berries ..... farms..	311	133	375	316	237	212	162
$1,000..	7 764	2 378	4 132	1 787	685	287	56
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Nursery and greenhouse crops ..... farms..	265	144	407	401	338	665	190
$1,000..	6 744	2 526	4 546	2 270	1 029	881	80
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Other crops ..... farms..	112	57	113	84	42	32	13
$1,000..	1 287	446	712	241	85	36	5
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Poultry and poultry products ..... farms..	70	42	153	236	217	293	202
$1,000..	200	94	302	285	140	169	39
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Dairy products ..... farms..	294	77	150	36	13	7	2
$1,000..	7 183	1 222	1 599	179	24	(D)	(D)
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Cattle and calves ..... farms..	1 087	490	1 957	2 046	1 801	1 355	517
$1,000..	11 235	4 594	13 729	9 163	4 946	1 957	304
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs ..... farms..	2 690	80	97	182	338	283	134
$1,000..	228 488	103 408	44 702	34 449	27 915	8 205	2 530
Sales of $50,000 or more ..... farms..	593	78	88	138	217	72	–
$1,000..	212 526	(D)	44 552	33 830	26 048	(D)	–
Sheep, lambs, and wool ..... farms..	1 543	1	9	20	62	88	42
$1,000..	5 911	(D)	1 363	325	550	679	(D)
Sales of $50,000 or more ..... farms..	13	–	4	1	3	5	–
$1,000..	2 178	–	1 345	(D)	(D)	333	–
Other livestock and livestock products (see text) ..... farms..	3 625	7	12	31	100	148	80
$1,000..	41 968	(D)	2 294	3 543	5 736	5 138	(D)
Sales of $50,000 or more ..... farms..	127	2	3	12	40	70	–
$1,000..	24 296	(D)	(D)	3 477	5 457	4 696	–
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	4 339	27	47	140	323	328	138
$1,000..	28 720	540	1 306	5 633	7 110	3 832	1 024
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	46 040	447	864	1 845	3 931	3 705	1 399
$1,000..	2 835 658	836 774	451 363	481 744	467 839	209 209	49 652
Average per farm ..... dollars..	61 591	1 871 977	522 410	261 108	119 013	56 467	35 491
Livestock and poultry purchased ..... farms..	11 086	202	321	712	1 063	1 086	397
$1,000..	175 474	76 003	26 998	24 575	15 494	10 687	3 220
Farms with expenses of—							
$1 to $4,999	7 569	8	47	168	354	546	204
$5,000 to $24,999	2 486	16	74	237	515	440	172
$25,000 to $99,999	763	49	123	252	189	98	21
$100,000 to $249,999	152	47	48	51	5	1	–
$250,000 or more	116	82	29	4	–	1	–
Feed for livestock and poultry ..... farms..	17 888	231	417	956	1 786	1 569	522
$1,000..	414 770	187 720	62 698	59 628	52 432	20 800	4 442
Farms with expenses of—							
$1 to $4,999	12 187	2	21	77	294	530	220
$5,000 to $24,999	3 248	5	24	164	629	823	283
$25,000 to $99,999	1 789	25	119	540	829	215	19
$100,000 to $249,999	439	49	188	166	34	–	–
$250,000 or more	225	150	65	9	–	1	–
Commercially mixed formula feeds ..... farms..	12 036	197	356	825	1 384	1 188	345
$1,000..	256 579	133 113	36 072	33 992	28 027	11 407	2 068
Farms with expenses of—							
$1 to $4,999	8 440	5	23	103	300	611	191
$5,000 to $24,999	2 191	17	57	269	689	480	148
$25,000 to $99,999	1 088	44	161	392	386	96	6
$100,000 or more	317	131	115	61	9	1	–
Seeds, bulbs, plants, and trees ..... farms..	27 224	386	821	1 744	3 508	3 298	1 189
$1,000..	180 800	50 203	26 959	31 525	33 938	16 034	3 752
Farms with expenses of—							
$1 to $999	11 109	9	15	50	193	422	237
$1,000 to $4,999	9 282	17	58	162	1 064	1 561	713
$5,000 to $24,999	5 470	74	321	1 105	2 036	1 308	239
$25,000 to $49,999	905	79	267	361	191	7	–
$50,000 or more	458	207	160	66	24	–	–
Commercial fertilizer ..... farms..	29 576	400	827	1 772	3 647	3 336	1 186
$1,000..	244 613	34 825	38 557	52 572	55 164	26 364	6 224
Farms with expenses of—							
$1 to $4,999	20 093	41	79	171	815	1 372	604
$5,000 to $24,999	7 064	88	234	708	2 161	1 906	582
$25,000 to $49,999	1 492	78	198	555	592	58	–
$50,000 or more	927	193	316	338	79	–	–
Agricultural chemicals ..... farms..	26 238	370	751	1 572	3 429	3 240	1 188
$1,000..	182 494	29 738	29 751	36 184	40 647	19 555	4 558
Farms with expenses of—							
$1 to $4,999	18 844	54	78	251	993	1 666	894
$5,000 to $24,999	5 753	81	253	764	2 061	1 530	294
$25,000 to $49,999	1 061	67	188	401	353	44	–
$50,000 or more	580	168	232	156	22	–	–
Petroleum products ..... farms..	42 348	445	860	1 835	3 876	3 683	1 383
$1,000..	142 449	27 692	20 992	25 207	27 179	13 935	3 292
Farms with expenses of—							
$1 to $4,999	35 797	9	39	196	1 541	2 662	1 274
$5,000 to $24,999	5 662	112	486	1 450	2 295	1 020	109
$25,000 to $49,999	631	140	271	179	40	1	–
$50,000 or more	258	184	64	10	–	–	–
Gasoline and gasohol ..... farms..	34 136	401	757	1 540	3 165	2 852	1 107
$1,000..	35 499	4 473	3 767	4 870	6 738	3 834	1 092
Diesel fuel ..... farms..	30 196	410	816	1 743	3 601	3 368	1 215
$1,000..	61 048	9 477	9 782	12 118	12 699	6 375	1 489
Natural gas ..... farms..	1 932	171	212	329	404	278	60
$1,000..	17 510	9 265	3 109	2 547	1 432	686	61
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	31 611	430	850	1 808	3 811	3 558	1 271
$1,000..	28 391	4 477	4 334	5 672	6 310	3 040	651

See footnotes at end of table.

USDA, National Agricultural Statistics Service

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$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—Con.							
Total sales (see text)—Con.							
Hogs and pigs ..... farms..	243	93	331	338	277	206	88
$1,000..	3 086	812	1 814	931	428	170	38
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sheep, lambs, and wool ..... farms..	77	37	195	286	250	309	167
$1,000..	366	129	(D)	711	395	(D)	(D)
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	195	123	462	709	708	741	309
$1,000..	3 407	1 597	3 753	3 251	1 824	947	130
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	316	190	638	751	627	542	272
$1,000..	2 303	1 066	2 439	1 880	987	518	81
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	3 209	1 683	5 553	5 961	4 907	4 656	7 880
$1,000..	85 285	31 572	82 010	49 697	32 652	24 243	33 620
Average per farm ..... dollars..	26 577	18 759	14 769	8 337	6 654	5 207	4 266
Livestock and poultry purchased ..... farms..	960	357	1 503	1 410	1 281	981	813
$1,000..	5 477	1 069	4 475	2 969	2 262	1 388	857
Farms with expenses of—							
$1 to $4,999	633	295	1 232	1 232	1 160	929	761
$5,000 to $24,999	298	62	269	178	121	52	52
$25,000 to $99,999	29	–	2	–	–	–	–
$100,000 to $249,999	–	–	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–	–
Feed for livestock and poultry ..... farms..	1 294	519	2 135	2 279	2 301	1 850	2 029
$1,000..	7 172	1 899	5 688	4 147	2 864	2 138	3 139
Farms with expenses of—							
$1 to $4,999	771	393	1 753	2 162	2 249	1 811	1 904
$5,000 to $24,999	506	116	368	116	52	39	123
$25,000 to $99,999	17	10	14	1	–	–	–
$100,000 to $249,999	–	–	–	–	–	–	2
$250,000 or more	–	–	–	–	–	–	–
Commercially mixed formula feeds ..... farms..	769	286	1 255	1 367	1 394	1 294	1 376
$1,000..	3 298	900	2 170	1 857	1 328	1 034	1 313
Farms with expenses of—							
$1 to $4,999	520	221	1 151	1 326	1 379	1 280	1 330
$5,000 to $24,999	248	65	104	41	15	14	44
$25,000 to $99,999	1	–	–	–	–	–	2
$100,000 or more	–	–	–	–	–	–	–
Seeds, bulbs, plants, and trees ..... farms..	2 581	1 282	4 087	3 487	2 061	1 614	1 166
$1,000..	6 195	2 468	5 425	2 409	939	683	270
Farms with expenses of—							
$1 to $999	663	313	1 941	2 668	1 892	1 552	1 154
$1,000 to $4,999	1 683	906	2 065	819	167	55	12
$5,000 to $24,999	235	63	81	–	2	6	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	1	–
Commercial fertilizer ..... farms..	2 620	1 341	4 275	3 836	2 503	2 001	1 832
$1,000..	10 017	4 226	8 623	4 269	1 792	1 127	853
Farms with expenses of—							
$1 to $4,999	1 790	1 102	4 015	3 787	2 499	1 993	1 825
$5,000 to $24,999	824	239	260	49	4	2	7
$25,000 to $49,999	6	–	–	–	–	5	–
$50,000 or more	–	–	–	–	–	1	–
Agricultural chemicals ..... farms..	2 549	1 290	3 969	3 226	1 879	1 450	1 325
$1,000..	8 194	2 997	6 072	2 574	1 068	685	471
Farms with expenses of—							
$1 to $4,999	2 041	1 196	3 822	3 214	1 867	1 443	1 325
$5,000 to $24,999	500	93	147	12	12	6	–
$25,000 to $49,999	7	1	–	–	–	–	–
$50,000 or more	1	–	–	–	–	1	–
Petroleum products ..... farms..	3 162	1 672	5 427	5 755	4 740	4 298	5 212
$1,000..	5 557	2 456	5 707	3 971	2 689	1 706	2 066
Farms with expenses of—							
$1 to $4,999	3 032	1 643	5 406	5 754	4 734	4 297	5 210
$5,000 to $24,999	130	29	21	1	6	1	2
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Gasoline and gasohol ..... farms..	2 507	1 384	4 413	4 484	3 749	3 610	4 167
$1,000..	2 010	1 028	2 313	1 904	1 373	980	1 117
Diesel fuel ..... farms..	2 666	1 329	4 227	3 860	2 622	1 878	2 461
$1,000..	2 414	948	2 428	1 463	843	443	569
Natural gas ..... farms..	96	49	104	90	42	39	58
$1,000..	118	65	74	62	18	26	47
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	2 806	1 384	4 353	3 761	2 938	2 096	2 545
$1,000..	1 015	415	892	542	454	257	333

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
FARM PRODUCTION EXPENSES[1] —Con.							
Total farm production expenses—Con.							
Electricity ..... farms..	31 396	441	852	1 806	3 644	3 368	1 240
$1,000..	53 192	12 578	7 875	8 887	9 569	4 537	1 094
Farms with expenses of—							
$1 to $999	21 800	5	24	176	957	1 672	877
$1,000 to $4,999	7 332	57	262	854	2 230	1 640	355
$5,000 to $24,999	2 073	229	535	768	456	56	8
$25,000 to $49,999	118	81	27	8	1	–	–
$50,000 or more	73	69	4	–	–	–	–
Hired farm labor ..... farms..	14 481	432	808	1 523	2 631	1 748	559
$1,000..	369 145	164 971	72 357	60 831	48 504	11 303	2 249
Farms with expenses of—							
$1 to $4,999	8 961	4	32	185	804	1 065	405
$5,000 to $24,999	2 809	23	128	464	1 141	619	154
$25,000 to $99,999	2 014	108	393	750	666	64	–
$100,000 to $249,999	471	119	209	122	20	–	–
$250,000 or more	226	178	46	2	–	–	–
Workers by days worked:							
150 days or more ..... farms..	6 074	402	715	1 183	1 533	719	110
workers..	20 996	7 838	3 549	3 528	3 166	1 177	141
Less than 150 days ..... farms..	13 069	352	672	1 218	2 140	1 556	543
workers..	74 869	12 512	11 178	11 216	13 225	7 038	2 248
Contract labor ..... farms..	3 865	135	180	344	501	414	154
$1,000..	29 043	13 254	3 122	3 482	4 059	1 770	634
Farms with expenses of—							
$1 to $999	1 689	6	24	26	113	111	49
$1,000 to $4,999	1 330	24	59	142	197	193	61
$5,000 to $24,999	667	49	68	144	143	96	44
$25,000 to $49,999	102	16	14	20	38	14	–
$50,000 or more	77	40	15	12	10	–	–
Repair and maintenance ..... farms..	37 918	441	855	1 833	3 844	3 550	1 309
$1,000..	209 298	35 268	28 821	34 928	38 673	19 770	5 431
Farms with expenses of—							
$1 to $4,999	28 001	8	36	140	895	1 999	910
$5,000 to $24,999	8 308	81	287	1 193	2 791	1 507	399
$25,000 to $49,999	1 118	98	380	435	146	44	–
$50,000 or more	491	254	152	65	12	–	–
Customwork, machine hire, and rental of machinery and equipment..... farms..	13 520	274	541	1 028	1 866	1 419	455
$1,000..	53 082	12 700	8 659	8 706	9 731	3 822	1 101
Farms with expenses of—							
$1 to $999	6 439	6	40	128	338	441	167
$1,000 to $4,999	4 866	38	131	385	916	761	239
$5,000 to $24,999	1 896	123	271	447	573	217	43
$25,000 to $49,999	194	45	63	50	30	–	6
$50,000 or more	125	62	36	18	9	–	–
Interest ..... farms..	18 209	420	817	1 552	2 997	2 429	771
$1,000..	189 849	40 394	30 906	35 972	34 727	16 660	3 558
Farms with expenses of—							
$1 to $4,999	10 247	21	75	212	932	1 179	498
$5,000 to $24,999	6 239	70	280	761	1 765	1 200	272
$25,000 to $99,999	1 520	191	409	569	298	50	1
$100,000 or more	203	138	53	10	2	–	–
Secured by real estate ..... farms..	13 336	333	628	1 215	2 237	1 658	523
$1,000..	123 249	23 936	18 880	22 723	21 909	11 611	2 552
Farms with expenses of—							
$1 to $999	1 609	2	9	44	148	118	27
$1,000 to $4,999	5 936	16	47	166	631	632	319
$5,000 to $24,999	4 711	77	275	667	1 291	869	177
$25,000 to $49,999	762	94	185	284	159	39	–
$50,000 or more	318	144	112	54	8	–	–
Not secured by real estate ..... farms..	10 394	278	598	1 093	2 118	1 629	466
$1,000..	66 600	16 458	12 026	13 249	12 819	5 049	1 006
Farms with expenses of—							
$1 to $999	2 926	3	19	67	220	366	162
$1,000 to $4,999	4 434	24	81	230	998	915	260
$5,000 to $24,999	2 502	84	314	665	850	348	44
$25,000 to $49,999	371	62	143	117	49	–	–
$50,000 or more	161	105	41	14	1	–	–
Cash rent ..... farms..	12 983	321	674	1 454	2 621	2 048	550
$1,000..	162 012	33 861	34 516	36 895	33 484	11 847	1 752
Farms with expenses of—							
$1 to $4,999	7 978	34	93	285	1 100	1 206	434
$5,000 to $9,999	1 633	15	58	250	384	425	88
$10,000 to $24,999	1 753	48	150	386	698	387	28
$25,000 or more	1 619	224	373	533	439	30	–
Property taxes ..... farms..	43 608	420	824	1 780	3 709	3 458	1 302
$1,000..	114 049	9 430	9 426	13 037	16 653	11 393	3 376
Farms with expenses of—							
$1 to $4,999	38 646	67	211	719	2 451	2 778	1 195
$5,000 to $9,999	3 399	82	240	642	951	591	98
$10,000 to $24,999	1 308	149	302	386	288	89	7
$25,000 or more	255	122	71	33	19	–	2
All other farm production expenses..... farms..	40 748	446	861	1 844	3 929	3 705	1 399
$1,000..	315 391	108 135	49 726	49 313	47 585	20 732	4 969
Farms with expenses of—							
$1 to $4,999	32 337	6	24	177	1 215	2 170	1 099
$5,000 to $24,999	6 142	52	224	909	2 247	1 494	300
$25,000 to $49,999	1 164	60	208	487	366	41	–
$50,000 to $99,999	694	86	273	236	99	–	–
$100,000 or more	411	242	132	35	2	–	–

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
FARM PRODUCTION EXPENSES[1] —Con.							
Total farm production expenses—Con.							
Electricity ..... farms..	2 470	1 350	4 077	3 615	3 035	2 504	2 994
$1,000..	1 888	769	1 798	1 375	1 076	725	1 020
Farms with expenses of—							
$1 to $999	1 833	1 141	3 673	3 391	2 851	2 408	2 792
$1,000 to $4,999	620	209	404	224	179	96	202
$5,000 to $24,999	16	–	–	–	5	–	–
$25,000 to $49,999	1	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Hired farm labor ..... farms..	1 023	399	1 455	1 257	954	802	890
$1,000..	2 608	794	2 753	1 170	734	379	492
Farms with expenses of—							
$1 to $4,999	874	347	1 358	1 249	948	802	888
$5,000 to $24,999	143	52	77	7	1	–	–
$25,000 to $99,999	5	–	20	1	5	–	2
$100,000 to $249,999	1	–	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–	–
Workers by days worked:							
150 days or more ..... farms..	227	83	224	193	185	185	315
workers..	298	119	250	221	202	192	315
Less than 150 days ..... farms..	971	357	1 421	1 241	941	794	863
workers..	3 800	1 000	3 813	3 309	1 985	1 884	1 661
Contract labor ..... farms..	303	95	423	414	314	267	321
$1,000..	673	126	659	591	234	197	241
Farms with expenses of—							
$1 to $999	147	69	219	224	233	213	255
$1,000 to $4,999	96	12	169	182	81	48	66
$5,000 to $24,999	60	14	35	8	–	6	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Repair and maintenance ..... farms..	2 919	1 526	4 859	4 804	3 882	3 334	4 762
$1,000..	9 338	4 340	10 731	7 093	5 357	3 938	5 611
Farms with expenses of—							
$1 to $4,999	2 274	1 313	4 400	4 548	3 651	3 252	4 575
$5,000 to $24,999	644	213	451	256	231	72	183
$25,000 to $49,999	1	–	8	–	–	2	4
$50,000 or more	–	–	–	–	–	8	–
Customwork, machine hire, and rental of machinery and equipment..... farms..	1 284	616	1 815	1 493	1 086	792	851
$1,000..	2 776	939	2 288	1 154	561	282	361
Farms with expenses of—							
$1 to $999	514	310	967	1 115	929	726	758
$1,000 to $4,999	624	288	799	369	157	66	93
$5,000 to $24,999	146	18	49	9	–	–	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Interest ..... farms..	1 601	664	1 957	1 449	1 094	1 076	1 382
$1,000..	6 737	2 249	6 055	3 639	2 860	2 611	3 480
Farms with expenses of—							
$1 to $4,999	1 025	471	1 541	1 266	924	926	1 177
$5,000 to $24,999	576	193	414	183	170	150	205
$25,000 to $99,999	–	–	2	–	–	–	–
$100,000 or more	–	–	–	–	–	–	–
Secured by real estate ..... farms..	1 038	420	1 427	1 035	865	878	1 079
$1,000..	4 633	1 615	4 627	3 016	2 506	2 240	3 001
Farms with expenses of—							
$1 to $999	122	65	280	265	145	190	194
$1,000 to $4,999	527	219	879	625	573	579	723
$5,000 to $24,999	389	136	267	145	147	109	162
$25,000 to $49,999	–	–	1	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Not secured by real estate ..... farms..	1 011	399	961	612	432	354	443
$1,000..	2 104	634	1 428	623	354	370	480
Farms with expenses of—							
$1 to $999	341	165	450	396	303	208	226
$1,000 to $4,999	564	216	457	208	129	143	209
$5,000 to $24,999	106	18	54	8	–	3	8
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Cash rent ..... farms..	1 225	445	1 452	1 022	587	323	261
$1,000..	3 725	1 167	2 655	1 177	575	223	138
Farms with expenses of—							
$1 to $4,999	972	370	1 326	1 003	572	322	261
$5,000 to $9,999	213	62	111	19	8	–	–
$10,000 to $24,999	27	13	8	–	7	1	–
$25,000 or more	13	–	7	–	–	–	–
Property taxes ..... farms..	3 009	1 523	5 215	5 526	4 641	4 461	7 740
$1,000..	6 862	3 006	9 693	8 211	6 362	5 616	10 984
Farms with expenses of—							
$1 to $4,999	2 818	1 480	5 049	5 375	4 563	4 404	7 536
$5,000 to $9,999	180	38	142	135	77	44	179
$10,000 to $24,999	9	5	23	16	–	10	24
$25,000 or more	2	–	1	–	1	3	1
All other farm production expenses ..... farms..	3 208	1 683	5 553	4 885	4 068	3 574	5 593
$1,000..	8 066	3 066	9 387	4 949	3 280	2 546	3 637
Farms with expenses of—							
$1 to $4,999	2 780	1 554	5 248	4 872	4 053	3 564	5 575
$5,000 to $24,999	428	129	304	13	14	10	18
$25,000 to $49,999	–	–	1	–	1	–	–
$50,000 to $99,999	–	–	–	–	–	–	–
$100,000 or more	–	–	–	–	–	–	–

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]							
All farms ..... number..	46 040	447	864	1 845	3 931	3 705	1 399
$1,000..	686 891	220 507	142 044	163 008	141 525	58 418	12 879
Average per farm ..... dollars..	14 919	493 304	164 403	88 351	36 002	15 767	9 206
Farms with net gains[2] ..... number..	21 612	399	783	1 613	3 330	2 858	1 063
Average net gain ..... dollars..	40 859	608 160	191 279	109 646	47 986	26 136	15 868
Gain of—							
Less than $1,000	2 498	–	2	6	37	50	47
$1,000 to $9,999	8 196	4	16	53	246	387	295
$10,000 to $49,999	6 919	19	71	258	1 656	2 179	721
$50,000 or more	3 999	376	694	1 296	1 391	242	–
Farms with net losses ..... number..	24 428	48	81	232	601	847	336
Average net loss ..... dollars..	8 029	461 432	95 403	59 698	30 394	19 221	11 872
Loss of—							
Less than $1,000	3 584	–	1	6	15	43	12
$1,000 to $9,999	16 745	3	7	39	164	320	165
$10,000 to $49,999	3 750	12	24	91	327	457	159
$50,000 or more	349	33	49	96	95	27	–
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	18 851	267	618	1 431	2 638	2 096	690
$1,000..	92 806	8 158	12 415	18 863	18 839	8 485	2 010
Other farm-related income[1] ..... farms..	11 609	183	370	740	1 522	1 322	432
$1,000..	61 699	5 606	5 414	7 148	9 063	6 586	1 948
Customwork and other agricultural services ..... farms..	3 312	72	143	319	603	404	146
$1,000..	22 647	3 263	2 786	4 244	4 606	2 367	700
Gross cash rent or share payments ..... farms..	4 372	47	45	91	182	253	106
$1,000..	19 279	1 072	820	808	1 299	1 720	519
Forest products, excluding Christmas trees and maple products ..... farms..	1 494	12	28	60	108	154	60
$1,000..	10 013	127	400	755	1 143	1 444	576
Other farm-related income sources ..... farms..	4 791	123	285	512	981	871	175
$1,000..	9 761	1 144	1 408	1 341	2 015	1 055	154
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	1 587	51	170	283	437	210	56
$1,000..	51 618	8 468	16 515	12 895	10 443	1 958	322
Corn ..... farms..	1 322	49	155	234	378	174	46
$1,000..	33 325	6 277	11 034	8 036	6 090	1 207	207
Wheat ..... farms..	377	10	18	58	98	58	16
$1,000..	2 101	400	231	751	441	152	8
Soybeans ..... farms..	489	12	56	96	134	64	16
$1,000..	16 104	1 791	5 226	4 076	3 896	597	(D)
Sorghum, barley, and oats ..... farms..	60	–	3	9	15	10	1
$1,000..	(D)	–	25	32	16	2	(D)
Cotton ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	1	–	–	–	–	–	–
$1,000..	(D)	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms..	43 017	416	843	1 920	3 951	3 598	1 298
acres..	7 891 802	667 098	952 270	1 437 389	1 677 508	868 164	222 704
Harvested cropland ..... farms..	37 941	406	842	1 904	3 909	3 554	1 268
acres..	6 724 480	629 806	914 395	1 367 371	1 548 246	759 998	188 738
Farms by acres harvested:							
1 to 49 acres	17 921	68	65	103	320	519	263
50 to 99 acres	6 342	6	13	52	260	396	135
100 to 199 acres	5 247	13	33	111	513	754	486
200 to 499 acres	4 915	31	128	449	1 528	1 762	381
500 to 999 acres	2 289	72	233	659	1 180	123	3
1,000 to 1,999 acres	950	93	240	507	107	–	–
2,000 acres or more	277	123	130	23	1	–	–
Cropland:							
Pasture or grazing only ..... farms..	14 850	69	165	453	1 110	1 088	371
acres..	481 259	9 297	11 806	27 510	59 195	53 081	16 632
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	5 423	62	99	212	454	381	132
acres..	197 004	10 080	5 434	11 358	17 154	12 157	3 795
On which all crops failed ..... farms..	1 772	14	29	62	166	175	68
acres..	39 640	856	1 632	3 884	5 087	4 753	1 590
In cultivated summer fallow ..... farms..	2 749	27	49	114	252	263	93
acres..	73 243	3 932	3 260	6 410	9 810	9 378	3 111
Idle ..... farms..	10 334	99	193	360	755	713	267
acres..	376 176	13 127	15 743	20 856	38 016	28 797	8 838
Total woodland ..... farms..	24 314	202	444	1 047	2 196	1 982	708
acres..	1 142 688	39 953	43 003	90 330	146 472	111 214	31 444
Woodland pastured ..... farms..	4 658	33	59	145	310	342	118
acres..	151 171	4 470	2 411	8 629	19 565	13 991	4 016
Woodland not pastured ..... farms..	22 014	189	419	994	2 063	1 849	657
acres..	991 517	35 483	40 592	81 701	126 907	97 223	27 428

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]							
All farms ..... number..	3 209	1 683	5 553	5 961	4 907	4 656	7 880
$1,000..	17 245	5 632	–2 397	–7 963	–14 907	–16 709	–32 391
Average per farm ..... dollars..	5 374	3 346	–432	–1 336	–3 038	–3 589	–4 111
Farms with net gains[2] ..... number..	2 315	1 167	3 076	2 770	1 455	665	118
Average net gain ..... dollars..	11 203	8 715	5 253	2 862	1 199	647	193
Gain of—							
Less than $1,000	149	74	239	498	752	526	118
$1,000 to $9,999	986	604	2 491	2 272	703	139	–
$10,000 to $49,999	1 180	489	346	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Farms with net losses ..... number..	894	516	2 477	3 191	3 452	3 991	7 762
Average net loss ..... dollars..	9 720	8 796	7 492	4 980	4 824	4 294	4 176
Loss of—							
Less than $1,000	62	54	299	479	684	888	1 041
$1,000 to $9,999	513	303	1 686	2 309	2 326	2 768	6 142
$10,000 to $49,999	318	159	466	401	441	320	575
$50,000 or more	1	–	26	2	1	15	4
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	1 466	678	2 090	1 600	1 076	772	3 429
$1,000..	3 616	1 262	3 285	1 967	1 401	1 097	11 408
Other farm-related income[1] ..... farms..	825	385	1 315	1 401	1 056	848	1 210
$1,000..	3 594	1 252	6 921	4 058	3 635	2 016	4 459
Customwork and other agricultural services ..... farms..	240	134	340	313	285	162	151
$1,000..	1 130	256	1 364	784	615	296	236
Gross cash rent or share payments ..... farms..	265	112	609	761	542	509	850
$1,000..	1 177	328	3 150	2 380	1 711	1 143	3 153
Forest products, excluding Christmas trees and maple products ..... farms..	108	39	200	222	197	177	129
$1,000..	670	350	1 806	744	960	536	501
Other farm-related income sources ..... farms..	431	191	482	299	160	52	229
$1,000..	617	318	601	150	349	41	569
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	102	41	117	62	34	16	8
$1,000..	508	182	239	64	19	5	1
Corn ..... farms..	85	32	94	40	21	9	5
$1,000..	251	57	124	27	12	3	1
Wheat ..... farms..	32	12	47	16	9	3	–
$1,000..	62	14	27	10	4	1	–
Soybeans ..... farms..	34	16	36	13	8	3	1
$1,000..	193	(D)	(D)	15	(D)	(D)	(D)
Sorghum, barley, and oats ..... farms..	5	1	6	5	2	1	2
$1,000..	1	(D)	(D)	(D)	(D)	(D)	(D)
Cotton ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	–	–	–	1	–	–	–
$1,000..	–	–	–	(D)	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms..	3 058	1 571	5 415	5 509	4 662	4 293	6 483
acres..	430 369	167 714	481 182	338 913	213 037	155 377	280 077
Harvested cropland ..... farms..	2 999	1 522	5 243	5 159	4 217	3 728	3 190
acres..	357 503	136 121	353 557	222 251	121 627	79 728	45 139
Farms by acres harvested:							
1 to 49 acres	686	378	1 919	3 514	3 608	3 398	3 080
50 to 99 acres	496	526	2 335	1 282	495	263	83
100 to 199 acres	1 408	551	882	321	98	52	25
200 to 499 acres	399	67	99	41	16	12	2
500 to 999 acres	9	–	7	1	–	2	–
1,000 to 1,999 acres	1	–	1	–	–	1	–
2,000 acres or more	–	–	–	–	–	–	–
Cropland:							
Pasture or grazing only ..... farms..	903	449	1 821	2 130	2 002	1 783	2 506
acres..	35 730	17 290	65 042	58 735	46 173	32 973	47 795
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	321	151	570	621	487	470	1 463
acres..	9 457	2 764	14 796	13 943	10 052	11 189	74 825
On which all crops failed ..... farms..	122	66	208	256	198	151	257
acres..	2 411	1 144	4 098	4 495	2 671	2 766	4 253
In cultivated summer fallow ..... farms..	226	102	410	433	344	238	198
acres..	5 684	2 356	8 085	7 549	5 468	3 949	4 251
Idle ..... farms..	674	316	1 211	1 254	1 082	1 071	2 339
acres..	19 584	8 039	35 604	31 940	27 046	24 772	103 814
Total woodland ..... farms..	1 698	819	3 016	3 059	2 663	2 385	4 095
acres..	77 999	37 099	119 123	113 933	99 690	81 541	150 887
Woodland pastured ..... farms..	325	139	659	713	627	506	682
acres..	12 034	6 412	20 524	19 194	15 098	9 580	15 247
Woodland not pastured ..... farms..	1 542	764	2 694	2 695	2 326	2 117	3 705
acres..	65 965	30 687	98 599	94 739	84 592	71 961	135 640

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	5 876	44	64	177	369	344	140
acres..	187 975	4 641	4 116	16 875	22 064	17 587	5 716
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	32 389	340	622	1 363	2 738	2 503	870
acres..	650 347	30 522	38 870	68 852	89 116	56 376	16 798
Irrigated land ..... farms..	3 752	209	286	459	685	448	147
acres..	393 485	122 859	81 002	89 894	59 757	19 631	4 626
Harvested cropland irrigated ..... farms..	3 669	209	286	456	682	448	147
acres..	390 636	(D)	80 205	89 460	59 572	19 511	(D)
Pasture and other land irrigated ..... farms..	161	2	7	10	13	6	3
acres..	2 849	(D)	797	434	185	120	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	5 251	40	59	162	291	215	76
acres..	287 081	4 943	3 138	6 868	12 119	11 117	3 033
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings ..... farms..	46 040	447	864	1 845	3 931	3 705	1 399
$1,000..	16 489 949	1 345 571	1 621 676	2 363 036	2 779 836	1 647 665	429 874
Average per farm ..... dollars..	358 166	3 010 226	1 876 940	1 280 779	707 157	444 714	307 272
Average per acre ..... dollars..	1 671	1 813	1 562	1 516	1 487	1 487	1 479
Farms by value group:							
$1 to $39,999	2 925	1	2	4	10	52	24
$40,000 to $69,999	3 781	3	6	3	38	97	31
$70,000 to $99,999	4 603	5	7	13	40	117	94
$100,000 to $149,999	7 553	7	9	11	158	194	181
$150,000 to $199,999	5 941	6	5	27	212	270	146
$200,000 to $499,999	13 173	23	87	296	1 186	1 797	698
$500,000 to $999,999	4 701	51	191	521	1 405	955	205
$1,000,000 to $1,999,999	2 280	123	258	647	750	192	18
$2,000,000 to $4,999,999	921	141	256	304	130	23	2
$5,000,000 or more	162	87	43	19	2	8	–
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms..	46 039	447	864	1 845	3 931	3 705	1 399
$1,000..	3 055 199	278 222	305 694	476 002	566 632	357 486	78 930
Farms by value group:							
$1 to $4,999	3 530	–	–	8	21	34	24
$5,000 to $9,999	5 476	–	5	7	31	108	75
$10,000 to $19,999	8 759	3	11	25	178	171	232
$20,000 to $49,999	12 691	22	39	109	441	785	373
$50,000 to $99,999	7 258	38	51	142	865	1 117	458
$100,000 to $199,999	4 553	58	150	451	1 370	1 049	210
$200,000 to $499,999	3 116	141	410	924	961	424	27
$500,000 or more	656	185	198	179	64	17	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms..	39 295	447	864	1 845	3 903	3 430	1 247
number..	76 320	3 532	4 423	6 961	10 764	7 458	2 366
Wheel tractors ..... farms..	42 549	406	795	1 660	3 603	3 502	1 341
number..	115 020	3 303	4 797	8 119	13 480	11 794	3 848
Less than 40 horsepower (PTO) ..... farms..	24 842	214	374	823	1 812	1 697	761
number..	38 792	631	807	1 499	3 087	2 882	1 155
40 horsepower (PTO) or more ..... farms..	33 633	374	728	1 500	3 157	3 263	1 190
number..	76 228	2 672	3 990	6 620	10 393	8 912	2 693
40 to 99 horsepower (PTO) ..... farms..	30 648	318	615	1 309	2 747	2 851	1 111
number..	52 624	1 402	1 899	3 344	5 648	5 297	1 893
100 horsepower (PTO) or more ..... farms..	13 905	284	577	1 169	2 304	2 349	609
number..	23 604	1 270	2 091	3 276	4 745	3 615	800
Grain and bean combines ..... farms..	14 570	205	528	1 215	2 197	1 986	703
number..	17 075	317	730	1 517	2 653	2 339	799
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	17 162	118	312	782	1 632	1 551	449
number..	18 578	146	371	882	1 797	1 715	479
Pickup balers ..... farms..	16 864	116	300	778	1 541	1 605	584
number..	20 995	163	427	1 058	2 048	2 094	777
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms..	29 377	400	827	1 772	3 630	3 318	1 185
acres on which used..	5 612 394	575 747	827 828	1 173 427	1 323 427	653 136	159 539
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms..	9 816	305	512	928	1 745	1 391	479
acres on which used..	1 252 567	229 012	228 868	261 673	262 076	116 823	25 295
Nematodes in crops ..... farms..	1 010	40	64	81	177	137	18
acres on which used..	122 416	24 649	18 987	17 315	26 926	14 215	2 623
Diseases in crops and orchards ..... farms..	4 101	160	218	319	726	544	158
acres on which used..	369 437	98 000	67 007	58 059	70 737	29 448	7 468
Weeds, grass, or brush in crops and pasture ..... farms..	20 327	301	648	1 359	3 051	2 747	996
acres on which used..	4 321 549	448 656	663 182	883 688	1 049 600	557 491	125 807
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	1 391	58	91	138	281	216	42
acres on which used..	129 348	25 393	21 158	27 100	23 195	14 029	1 674

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	356	168	661	777	791	719	1 266
acres..	12 136	4 763	21 738	18 528	17 744	14 192	27 875
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	2 154	1 060	3 899	4 120	3 598	3 430	5 692
acres..	39 746	17 428	62 959	57 705	44 396	37 531	90 048
Irrigated land ..... farms..	249	127	317	263	193	207	162
acres..	5 313	2 563	2 970	2 000	1 161	899	810
Harvested cropland irrigated ..... farms..	246	123	311	254	184	192	131
acres..	5 223	2 431	2 762	1 848	1 027	811	481
Pasture and other land irrigated ..... farms..	6	8	12	16	18	26	34
acres..	90	132	208	152	134	88	329
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	180	82	330	351	298	275	2 892
acres..	8 348	3 534	14 257	12 950	12 380	11 326	183 068
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings ..... farms..	3 209	1 683	5 553	5 961	4 907	4 656	7 880
$1,000..	950 914	396 840	1 208 714	1 020 133	785 602	672 221	1 267 866
Average per farm ..... dollars..	296 327	235 793	217 669	171 135	160 098	144 377	160 897
Average per acre ..... dollars..	1 634	1 691	1 732	1 903	2 021	2 540	2 275
Farms by value group:							
$1 to $39,999	134	77	259	466	445	616	835
$40,000 to $69,999	90	90	320	796	576	649	1 082
$70,000 to $99,999	102	121	556	776	700	694	1 378
$100,000 to $149,999	445	272	1 119	1 382	1 137	1 025	1 613
$150,000 to $199,999	452	336	1 013	907	823	717	1 027
$200,000 to $499,999	1 602	637	1 903	1 413	1 048	846	1 637
$500,000 to $999,999	310	131	290	173	144	84	241
$1,000,000 to $1,999,999	46	10	90	35	34	22	55
$2,000,000 to $4,999,999	28	9	3	13	–	2	10
$5,000,000 or more	–	–	–	–	–	1	2
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms..	3 209	1 683	5 553	5 960	4 907	4 656	7 880
$1,000..	144 747	70 312	190 492	172 276	127 745	103 288	183 372
Farms by value group:							
$1 to $4,999	154	45	308	591	470	623	1 252
$5,000 to $9,999	285	179	583	765	857	1 059	1 522
$10,000 to $19,999	494	327	1 283	1 588	1 242	1 175	2 030
$20,000 to $49,999	1 137	532	2 026	2 080	1 692	1 299	2 156
$50,000 to $99,999	802	483	1 062	692	481	359	708
$100,000 to $199,999	272	104	251	201	155	116	166
$200,000 to $499,999	65	13	40	38	10	25	38
$500,000 or more	–	–	–	5	–	–	8
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms..	2 738	1 515	4 743	4 854	3 947	3 713	6 049
number..	4 815	2 453	7 400	6 883	5 765	5 147	8 353
Wheel tractors ..... farms..	3 003	1 544	5 262	5 627	4 535	4 263	7 008
number..	8 406	4 151	13 312	12 634	9 926	8 142	13 108
Less than 40 horsepower (PTO) ..... farms..	1 610	910	3 032	3 360	2 911	2 892	4 446
number..	2 601	1 340	4 746	5 147	4 628	4 121	6 148
40 horsepower (PTO) or more ..... farms..	2 631	1 343	4 551	4 400	3 276	2 740	4 480
number..	5 805	2 811	8 566	7 487	5 298	4 021	6 960
40 to 99 horsepower (PTO) ..... farms..	2 359	1 243	4 158	4 120	3 054	2 554	4 209
number..	4 094	2 121	6 801	6 305	4 434	3 484	5 902
100 horsepower (PTO) or more ..... farms..	1 343	584	1 509	1 005	759	482	931
number..	1 711	690	1 765	1 182	864	537	1 058
Grain and bean combines ..... farms..	1 274	817	2 053	1 568	925	544	555
number..	1 413	950	2 326	1 736	1 064	601	630
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	1 170	614	2 328	2 502	2 158	1 572	1 974
number..	1 278	653	2 523	2 691	2 301	1 650	2 092
Pickup balers ..... farms..	1 220	653	2 284	2 454	2 156	1 468	1 705
number..	1 537	817	2 893	2 969	2 605	1 683	1 924
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms..	2 618	1 334	4 251	3 804	2 472	1 986	1 780
acres on which used..	293 626	107 764	251 429	133 839	58 502	29 157	24 973
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms..	977	424	1 010	897	493	376	279
acres on which used..	51 123	14 849	34 095	15 883	6 920	3 387	2 563
Nematodes in crops ..... farms..	80	65	101	131	44	51	21
acres on which used..	6 394	3 113	2 446	3 423	954	561	810
Diseases in crops and orchards ..... farms..	402	168	410	430	165	259	142
acres on which used..	14 704	4 416	8 370	4 970	1 704	3 958	596
Weeds, grass, or brush in crops and pasture ..... farms..	2 098	1 017	3 189	2 286	1 327	839	469
acres on which used..	223 589	84 545	169 516	69 311	26 853	13 631	5 680
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	101	29	100	144	50	66	75
acres on which used..	5 415	788	5 568	2 932	672	944	480

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
TENURE AND RACE OF OPERATOR							
All operators	46 027	447	864	1 954	4 008	3 663	1 336
Full owners	27 933	116	158	332	943	1 263	618
Part owners	15 497	290	646	1 507	2 806	2 127	631
Tenants	2 597	41	60	115	259	273	87
White	45 708	446	862	1 951	3 990	3 647	1 330
Full owners	27 694	116	158	329	933	1 256	615
Part owners	15 427	289	644	1 507	2 799	2 120	628
Tenants	2 587	41	60	115	258	271	87
Black and other races	319	1	2	3	18	16	6
Full owners	239	–	–	3	10	7	3
Part owners	70	1	2	–	7	7	3
Tenants	10	–	–	–	1	2	–
OWNED AND RENTED LAND							
Land owned farms	43 517	407	806	1 843	3 756	3 394	1 251
acres	6 511 133	358 431	479 780	803 964	1 046 876	672 550	199 563
Owned land in farms farms	43 430	406	804	1 839	3 749	3 390	1 249
acres	6 054 109	341 520	468 688	789 065	1 019 225	643 208	187 630
Land rented or leased from others farms	18 234	332	707	1 629	3 071	2 409	722
acres	3 852 924	404 339	572 332	827 213	920 955	412 963	89 504
landlords	66 298	3 277	5 867	10 847	15 082	8 373	2 089
Rented or leased land in farms farms	18 094	331	706	1 622	3 065	2 400	718
acres	3 818 703	400 694	569 571	824 381	915 935	410 133	89 032
Land rented or leased to others farms	6 290	77	84	150	312	320	114
acres	491 245	20 556	13 853	17 731	32 671	32 172	12 405
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	37 077	269	644	1 576	3 380	3 042	1 137
Not on farm operated	6 043	126	140	192	410	430	145
Not reported	2 907	52	80	186	218	191	54
Operators by principal occupation:							
Farming	22 043	426	825	1 863	3 529	2 748	867
Other	23 984	21	39	91	479	915	469
Operators by days worked off farm:							
None	17 964	361	689	1 447	2 614	1 867	557
Any	25 906	42	105	337	1 184	1 625	714
1 to 99 days	3 489	24	51	176	437	431	145
100 to 199 days	3 849	5	14	45	250	300	130
200 days or more	18 568	13	40	116	497	894	439
Not reported	2 157	44	70	170	210	171	65
Operators by years on present farm:							
2 years or less	1 810	8	20	22	65	101	38
3 or 4 years	2 532	6	23	35	117	134	50
5 to 9 years	5 715	23	45	137	310	353	141
10 years or more	28 751	309	626	1 418	3 007	2 550	923
Average years on present farm	21.6	26.2	25.2	25.1	24.6	23.8	24.2
Not reported	7 219	101	150	342	509	525	184
Operators by age group:							
Under 25 years	459	2	8	9	36	44	26
25 to 34 years	3 114	26	51	156	325	323	107
35 to 44 years	9 770	103	242	528	1 039	870	288
45 to 49 years	5 906	62	142	315	600	419	156
50 to 54 years	5 978	70	129	295	527	456	152
55 to 59 years	5 598	66	106	241	517	450	171
60 to 64 years	4 812	45	77	179	431	433	153
65 to 69 years	3 901	45	48	114	244	277	103
70 years and over	6 489	28	61	117	289	391	180
Average age	53.3	51.7	50.1	49.8	50.3	51.7	52.6
Operators by sex:							
Male	42 094	439	850	1 918	3 900	3 478	1 271
Female	3 933	8	14	36	108	185	65
Operators of Spanish, Hispanic, or Latino origin (see text)	280	5	6	12	23	26	10
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms	40 190	120	366	1 230	3 096	3 083	1 178
acres	7 205 435	191 184	465 778	1 017 786	1 492 210	899 236	244 197
Partnership farms	3 778	129	282	456	602	393	108
acres	1 717 866	276 824	361 398	400 276	318 101	115 312	24 552
Corporation:							
Family held farms	1 662	175	203	246	280	157	42
acres	842 331	241 950	200 712	184 165	114 979	31 276	6 756
More than 10 stockholders farms	30	9	5	2	3	1	1
10 or less stockholders farms	1 632	166	198	244	277	156	41
Other than family held farms	172	17	8	11	22	21	4
acres	41 864	12 692	5 685	3 080	4 947	5 550	486
More than 10 stockholders farms	17	6	1	–	1	2	–
10 or less stockholders farms	155	11	7	11	21	19	4
Other—cooperative, estate or trust, institutional, etc. farms	225	6	5	11	8	9	4
acres	65 316	19 564	4 686	8 139	4 923	1 967	671

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
TENURE AND RACE OF OPERATOR							
All operators	3 136	1 611	5 602	5 800	5 049	4 801	7 756
Full owners	1 501	884	3 373	3 995	3 796	3 917	7 037
Part owners	1 401	589	1 838	1 444	994	674	550
Tenants	234	138	391	361	259	210	169
White	3 120	1 599	5 557	5 768	5 009	4 752	7 677
Full owners	1 489	875	3 339	3 970	3 765	3 881	6 968
Part owners	1 397	586	1 828	1 437	985	666	541
Tenants	234	138	390	361	259	205	168
Black and other races	16	12	45	32	40	49	79
Full owners	12	9	34	25	31	36	69
Part owners	4	3	10	7	9	8	9
Tenants	–	–	1	–	–	5	1
OWNED AND RENTED LAND							
Land owned farms	2 913	1 479	5 222	5 446	4 799	4 600	7 601
acres	414 551	181 696	586 976	484 846	364 396	296 680	620 824
Owned land in farms farms	2 902	1 473	5 211	5 439	4 790	4 591	7 587
acres	384 942	166 356	523 894	431 024	323 494	255 993	519 070
Land rented or leased from others farms	1 641	737	2 248	1 828	1 265	899	746
acres	178 659	62 207	163 429	101 349	52 859	34 071	33 044
landlords	4 474	1 760	5 135	3 989	2 276	1 670	1 459
Rented or leased land in farms farms	1 635	727	2 229	1 805	1 253	884	719
acres	175 308	60 648	161 108	98 055	51 373	32 648	29 817
Land rented or leased to others farms	356	190	798	906	793	826	1 364
acres	32 960	16 899	65 403	57 116	42 388	42 110	104 981
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	2 554	1 297	4 546	4 718	4 145	3 912	5 857
Not on farm operated	419	230	768	789	643	639	1 112
Not reported	163	84	288	293	261	250	787
Operators by principal occupation:							
Farming	1 831	812	2 532	2 152	1 527	1 202	1 729
Other	1 305	799	3 070	3 648	3 522	3 599	6 027
Operators by days worked off farm:							
None	1 258	574	1 825	1 705	1 372	1 247	2 448
Any	1 740	954	3 515	3 849	3 467	3 368	5 006
1 to 99 days	278	117	453	414	290	260	413
100 to 199 days	297	167	554	564	476	412	635
200 days or more	1 165	670	2 508	2 871	2 701	2 696	3 958
Not reported	138	83	262	246	210	186	302
Operators by years on present farm:							
2 years or less	110	56	202	291	262	276	359
3 or 4 years	149	73	311	367	394	374	499
5 to 9 years	302	213	726	834	740	834	1 057
10 years or more	2 140	1 018	3 574	3 489	2 905	2 625	4 167
Average years on present farm	24.0	22.8	22.6	20.6	19.2	17.8	19.5
Not reported	435	251	789	819	748	692	1 674
Operators by age group:							
Under 25 years	36	23	76	69	59	38	33
25 to 34 years	219	127	374	387	351	287	381
35 to 44 years	633	313	1 090	1 132	1 038	1 077	1 417
45 to 49 years	354	169	653	698	663	673	1 002
50 to 54 years	407	222	656	729	655	662	1 018
55 to 59 years	361	169	664	709	618	580	946
60 to 64 years	370	158	609	623	467	427	840
65 to 69 years	287	143	506	520	460	400	754
70 years and over	469	287	974	933	738	657	1 365
Average age	53.7	54.0	54.4	54.1	53.5	53.2	55.4
Operators by sex:							
Male	2 951	1 509	5 263	5 325	4 534	4 239	6 417
Female	185	102	339	475	515	562	1 339
Operators of Spanish, Hispanic, or Latino origin (see text)	20	5	29	39	31	28	46
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms	2 768	1 413	5 110	5 386	4 702	4 535	7 203
acres	497 717	195 735	619 607	479 942	342 896	262 707	496 440
Partnership farms	276	140	363	273	241	189	326
acres	51 829	20 927	47 318	33 578	20 805	20 626	26 320
Corporation:							
Family held farms	71	47	83	89	74	57	138
acres	8 037	8 466	11 509	9 142	8 320	2 849	14 170
More than 10 stockholders farms	2	1	–	2	3	–	1
10 or less stockholders farms	69	46	83	87	71	57	137
Other than family held farms	7	4	16	22	8	5	27
acres	500	354	2 236	2 524	1 130	54	2 626
More than 10 stockholders farms	–	–	2	2	–	–	3
10 or less stockholders farms	7	4	14	20	8	5	24
Other—cooperative, estate or trust, institutional, etc. farms	14	7	30	30	24	15	62
acres	2 167	1 522	4 332	3 893	1 716	2 405	9 331

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members ..... farms..	448	14	21	34	58	39	19
number..	503	19	26	41	63	39	24
Hired workers ..... farms..	364	88	74	68	66	15	7
number..	554	206	102	84	77	17	8
Farm-related deaths:							
Operator and family members ..... farms..	7	1	1	–	2	1	–
number..	7	(D)	(D)	–	(D)	(D)	–
Hired workers ..... farms..	4	1	1	–	–	–	–
number..	4	(D)	(D)	–	–	–	–
FARMS BY SIZE							
1 to 9 acres	2 611	22	35	56	102	101	59
10 to 49 acres	12 075	57	33	54	156	250	120
50 to 69 acres	3 563	11	4	14	53	95	53
70 to 99 acres	5 801	8	11	23	111	207	85
100 to 139 acres	4 572	8	12	36	149	221	111
140 to 179 acres	3 503	6	11	33	172	263	190
180 to 219 acres	2 401	3	6	33	179	338	189
220 to 259 acres	1 683	2	12	41	194	312	147
260 to 499 acres	4 905	26	72	297	1 146	1 450	326
500 to 999 acres	3 201	56	231	674	1 493	391	50
1,000 to 1,999 acres	1 338	96	281	647	242	32	6
2,000 acres or more	374	152	156	46	11	3	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	16 307	52	242	707	1 603	1 577	658
Vegetable and melon farming (1112)	1 428	55	76	93	172	138	43
Fruit and tree nut farming (1113)	2 668	20	64	141	332	327	123
Greenhouse, nursery, and floriculture production (1114)	3 054	93	81	125	308	257	95
Other crop farming (1119)	6 191	20	49	94	156	238	77
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	6 191	20	49	94	156	238	77
Beef cattle ranching and farming (112111)	4 765	6	13	45	115	134	58
Cattle feedlots (112112)	1 791	29	26	32	61	118	43
Dairy cattle and milk production (11212)	3 177	74	231	587	1 026	665	129
Hog and pig farming (1122)	1 178	56	61	103	180	108	52
Poultry and egg production (1123)	400	39	15	12	15	9	5
Sheep and goat farming (1124)	681	–	2	1	2	10	9
Animal aquaculture and other animal production (1125, 1129)	4 387	3	4	14	38	82	44
LIVESTOCK							
Cattle and calves inventory ..... farms..	15 468	145	338	900	1 702	1 466	502
number..	1 025 702	150 302	127 217	200 859	199 072	98 787	22 940
Farms with—							
1 to 9	3 913	3	13	21	78	98	56
10 to 49	6 732	10	11	60	225	460	254
50 to 99	2 148	2	9	43	406	630	158
100 to 199	1 497	4	21	257	786	249	31
200 to 499	955	15	203	497	201	27	3
500 or more	223	111	81	22	6	2	–
Cows and heifers that had calved ..... farms..	11 140	97	284	736	1 357	1 079	342
number..	417 040	50 907	54 514	84 889	86 435	38 617	8 790
Beef cows ..... farms..	7 566	17	35	119	288	373	201
number..	116 399	1 731	2 428	5 321	10 205	9 830	4 820
Farms with—							
1 to 9	3 880	3	6	25	95	123	67
10 to 49	3 289	5	14	63	125	192	108
50 to 99	304	5	7	14	42	45	18
100 to 199	79	2	6	13	23	11	8
200 to 499	11	1	1	4	3	2	–
500 or more	3	1	1	–	–	–	–
Milk cows ..... farms..	3 990	85	261	659	1 137	783	159
number..	300 641	49 176	52 086	79 568	76 230	28 787	3 970
Farms with—							
1 to 4	334	–	–	–	10	10	5
5 to 9	154	–	–	1	5	12	2
10 to 49	1 493	–	3	19	250	614	149
50 to 99	1 048	2	12	166	715	145	3
100 to 199	714	8	120	429	155	2	–
200 to 499	208	37	125	44	2	–	–
500 or more	39	38	1	–	–	–	–
Heifers and heifer calves ..... farms..	10 594	102	280	739	1 346	1 077	347
number..	321 816	44 125	46 398	71 543	67 539	29 995	5 626
Steers, steer calves, bulls, and bull calves ..... farms..	12 981	126	284	698	1 339	1 190	434
number..	286 846	55 270	26 305	44 427	45 098	30 175	8 524

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members ..... farms..	29	14	60	50	38	35	37
number..	32	14	65	55	45	40	40
Hired workers ..... farms..	11	5	6	11	6	2	5
number..	15	5	8	14	9	(D)	(D)
Farm-related deaths:							
Operator and family members ..... farms..	–	–	–	–	1	1	–
number..	–	–	–	–	(D)	(D)	–
Hired workers ..... farms..	1	–	–	–	1	–	–
number..	(D)	–	–	–	(D)	–	–
FARMS BY SIZE							
1 to 9 acres	83	50	219	321	372	565	626
10 to 49 acres	353	216	953	1 862	2 180	2 351	3 490
50 to 69 acres	152	101	588	699	567	459	767
70 to 99 acres	269	263	1 198	1 065	757	583	1 221
100 to 139 acres	460	328	970	715	499	373	690
140 to 179 acres	542	245	637	469	295	224	416
180 to 219 acres	426	151	380	264	146	91	195
220 to 259 acres	296	107	203	149	63	60	97
260 to 499 acres	452	120	364	218	147	78	209
500 to 999 acres	92	29	81	32	20	13	39
1,000 to 1,999 acres	9	1	8	6	1	3	6
2,000 acres or more	2	–	1	–	2	1	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	1 523	759	2 468	1 842	1 178	747	2 951
Vegetable and melon farming (1112)	107	72	205	191	133	70	73
Fruit and tree nut farming (1113)	255	107	297	254	194	177	377
Greenhouse, nursery, and floriculture production (1114)	222	114	337	319	291	634	178
Other crop farming (1119)	282	220	897	1 221	1 121	1 066	750
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	282	220	897	1 221	1 121	1 066	750
Beef cattle ranching and farming (112111)	181	118	546	845	992	892	820
Cattle feedlots (112112)	104	47	285	371	366	261	48
Dairy cattle and milk production (11212)	241	61	122	28	7	1	5
Hog and pig farming (1122)	90	32	107	118	103	93	75
Poultry and egg production (1123)	5	3	19	31	25	78	144
Sheep and goat farming (1124)	11	6	32	101	114	214	179
Animal aquaculture and other animal production (1125, 1129)	115	72	287	479	525	568	2 156
LIVESTOCK							
Cattle and calves inventory ..... farms..	1 101	496	2 025	2 126	1 919	1 504	1 244
number..	43 983	17 503	59 908	46 233	30 990	18 658	9 250
Farms with—							
1 to 9	129	85	438	567	708	747	970
10 to 49	660	284	1 243	1 389	1 142	727	267
50 to 99	254	99	296	154	65	26	6
100 to 199	54	28	44	15	4	4	–
200 to 499	4	–	3	1	–	–	1
500 or more	–	–	1	–	–	–	–
Cows and heifers that had calved ..... farms..	751	355	1 385	1 509	1 381	1 068	796
number..	17 039	7 292	23 892	19 504	13 494	8 075	3 592
Beef cows ..... farms..	476	278	1 228	1 450	1 331	1 027	743
number..	10 657	5 988	21 834	19 042	13 232	7 896	3 415
Farms with—							
1 to 9	153	94	429	679	781	752	673
10 to 49	269	152	739	746	538	269	69
50 to 99	47	30	54	23	12	6	1
100 to 199	7	2	5	2	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	1	–	–	–	–
Milk cows ..... farms..	308	87	190	95	79	72	75
number..	6 382	1 304	2 058	462	262	179	177
Farms with—							
1 to 4	17	12	43	57	56	59	65
5 to 9	20	9	36	23	23	13	10
10 to 49	266	66	111	15	–	–	–
50 to 99	5	–	–	–	–	–	–
100 to 199	–	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms..	744	335	1 344	1 413	1 255	928	684
number..	11 218	4 631	15 326	11 105	7 538	4 606	2 166
Steers, steer calves, bulls, and bull calves ..... farms..	974	432	1 793	1 868	1 663	1 232	948
number..	15 726	5 580	20 690	15 624	9 958	5 977	3 492

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
LIVESTOCK—Con.							
Cattle and calves sold ..... farms..	14 293	146	339	906	1 711	1 452	486
number..	537 681	149 552	56 530	88 256	80 335	44 674	11 654
$1,000..	276 971	90 451	30 877	42 041	39 162	22 621	5 892
Calves ..... farms..	6 739	64	188	524	986	749	205
number..	171 501	35 642	15 514	34 813	29 030	13 481	3 338
$1,000..	27 547	2 883	2 241	5 721	4 860	2 507	661
Cattle ..... farms..	11 752	134	303	795	1 442	1 216	407
number..	366 180	113 910	41 016	53 443	51 305	31 193	8 316
$1,000..	249 424	87 568	28 637	36 319	34 302	20 114	5 231
Fattened on grain and concentrates .... farms..	4 729	72	129	319	526	471	208
number..	210 652	98 711	25 503	25 825	21 659	13 835	3 886
$1,000..	164 956	78 471	20 041	20 975	16 979	10 501	2 944
Hogs and pigs inventory ..... farms..	2 853	79	96	175	324	284	133
number..	1 032 014	401 814	206 373	170 176	143 462	44 928	12 512
Farms with—							
1 to 24	1 424	–	4	17	46	69	41
25 to 49	248	1	2	3	11	19	18
50 to 99	274	1	–	6	20	44	20
100 to 199	226	–	1	13	23	61	33
200 to 499	265	3	8	23	94	75	21
500 or more	416	74	81	113	130	16	–
Used or to be used for breeding ..... farms..	1 524	39	61	96	199	184	91
number..	129 404	45 964	32 481	16 960	18 452	5 637	1 966
Other ..... farms..	2 673	79	92	170	320	272	113
number..	902 610	355 850	173 892	153 216	125 010	39 291	10 546
Hogs and pigs sold..... farms..	2 690	80	97	182	338	283	134
number..	2 206 940	965 680	487 929	303 415	265 723	79 985	23 451
$1,000..	228 488	103 408	44 702	34 449	27 915	8 205	2 530
Feeder pigs ..... farms..	481	14	15	18	56	47	19
number..	358 029	117 014	134 579	20 384	43 616	16 850	3 663
$1,000..	13 272	4 971	3 729	885	1 964	753	171
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	1 604	40	61	99	207	193	96
number..	194 794	74 041	46 926	24 274	28 742	8 263	2 524
Dec. 1 and May 31..... farms..	1 476	39	61	94	201	179	90
number..	97 977	37 567	22 602	11 846	14 996	4 305	1 301
June 1 and Nov. 30 ..... farms..	1 346	39	60	96	191	180	80
number..	96 817	36 474	24 324	12 428	13 746	3 958	1 223
Sheep and lambs of all ages inventory..... farms..	1 628	1	10	21	66	97	44
number..	72 107	(D)	4 477	2 838	8 293	8 385	3 382
Ewes 1 year old or older ..... farms..	1 379	1	8	12	57	79	37
number..	36 241	(D)	1 624	(D)	2 820	3 753	1 634
Sheep and lambs sold..... farms..	1 436	1	9	19	57	82	41
number..	77 146	(D)	12 613	2 515	7 756	6 890	14 501
Sheep and lambs shorn ..... farms..	1 257	1	7	13	53	65	37
number..	61 122	(D)	8 685	2 217	5 580	5 781	2 801
pounds of wool..	431 678	(D)	57 451	17 563	35 875	42 843	20 501
Horses and ponies inventory ..... farms..	9 090	20	50	109	283	352	142
number..	66 201	126	365	727	2 002	3 110	1 187
Horses and ponies sold..... farms..	2 482	2	6	10	46	79	46
number..	9 646	(D)	(D)	114	585	851	267
Goats inventory ..... farms..	1 245	2	3	9	31	42	17
number..	10 603	(D)	(D)	52	852	601	268
Goats sold ..... farms..	371	–	2	4	8	10	4
number..	4 168	–	(D)	(D)	123	236	513
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	2 276	18	9	23	57	101	40
number..	6 043 468	5 179 042	(D)	(D)	(D)	(D)	1 346
Farms with—							
1 to 399	2 216	1	3	15	49	93	40
400 to 3,199	25	1	1	1	3	6	–
3,200 to 9,999.....	3	–	–	–	2	1	–
10,000 to 19,999	3	–	–	1	2	–	–
20,000 to 49,999	9	1	2	4	1	1	–
50,000 to 99,999	5	1	2	2	–	–	–
100,000 or more	15	14	1	–	–	–	–
Layers 20 weeks old and older ..... farms..	2 205	17	6	22	53	94	39
number..	4 928 067	4 476 691	130 445	211 316	36 400	13 109	1 236
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	370	3	4	3	7	17	7
number..	1 115 401	702 351	(D)	(D)	(D)	(D)	110
Layers, pullets, and pullet chicks sold (see text)..... farms..	299	12	5	14	20	14	4
number..	4 494 476	2 534 264	725 500	966 319	214 743	38 797	94
Broilers and other meat-type chickens sold .. farms..	336	–	2	2	9	24	9
number..	393 028	–	(D)	(D)	(D)	20 543	729
Farms with—							
1 to 1,999.....	327	–	1	1	7	23	9
2,000 to 59,999.....	7	–	–	1	1	1	–
60,000 to 99,999	1	–	–	–	1	–	–
100,000 or more	1	–	1	–	–	–	–
Turkey hens kept for breeding ..... farms..	185	2	3	2	3	4	4
number..	(D)	(D)	(D)	(D)	13	12	13
Turkeys sold ..... farms..	241	26	10	4	9	14	6
number..	6 480 843	5 855 496	440 373	(D)	101 680	7 181	8 111

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
LIVESTOCK—Con.							
Cattle and calves sold ..... farms..	1 087	490	1 957	2 046	1 801	1 355	517
number..	23 118	11 076	30 640	21 977	12 943	5 705	1 221
$1,000..	11 235	4 594	13 729	9 163	4 946	1 957	304
Calves ..... farms..	456	198	801	869	814	615	270
number..	6 619	4 259	10 442	8 468	5 880	3 142	873
$1,000..	1 380	697	2 493	1 992	1 304	669	137
Cattle ..... farms..	932	431	1 661	1 731	1 456	961	283
number..	16 499	6 817	20 198	13 509	7 063	2 563	348
$1,000..	9 855	3 896	11 236	7 171	3 642	1 287	166
Fattened on grain and concentrates .... farms..	420	177	743	726	568	320	50
number..	6 221	1 903	6 521	3 949	1 932	654	53
$1,000..	4 514	1 397	4 599	2 753	1 316	434	33
Hogs and pigs inventory ..... farms..	248	102	336	346	280	229	221
number..	19 979	4 632	14 092	7 107	3 643	2 058	1 238
Farms with—							
1 to 24	83	54	184	250	245	216	215
25 to 49	34	13	60	56	22	7	2
50 to 99	56	21	57	33	10	2	4
100 to 199	44	11	29	5	2	4	–
200 to 499	30	3	5	2	1	–	–
500 or more	1	–	1	–	–	–	–
Used or to be used for breeding ..... farms..	159	62	206	174	122	84	47
number..	2 472	736	2 388	1 250	615	352	131
Other ..... farms..	235	94	303	311	264	209	211
number..	17 507	3 896	11 704	5 857	3 028	1 706	1 107
Hogs and pigs sold..... farms..	243	93	331	338	277	206	88
number..	37 640	8 360	19 031	9 252	4 391	1 699	384
$1,000..	3 086	812	1 814	931	428	170	38
Feeder pigs ..... farms..	62	21	79	69	51	19	11
number..	9 500	2 302	5 553	2 562	1 410	508	88
$1,000..	344	95	190	106	45	17	2
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	169	64	213	188	131	88	55
number..	3 932	1 234	2 566	1 217	679	290	106
Dec. 1 and May 31..... farms..	155	60	192	168	114	80	43
number..	2 071	690	1 345	660	361	176	57
June 1 and Nov. 30 ..... farms..	147	55	179	142	100	43	34
number..	1 861	544	1 221	557	318	114	49
Sheep and lambs of all ages inventory..... farms..	80	38	211	288	248	314	210
number..	5 610	(D)	9 863	10 437	8 061	6 583	2 487
Ewes 1 year old or older ..... farms..	71	34	170	258	219	269	164
number..	3 025	919	5 178	6 775	4 705	3 749	1 488
Sheep and lambs sold..... farms..	72	35	184	274	235	293	134
number..	4 477	(D)	7 647	8 546	4 900	4 399	1 081
Sheep and lambs shorn ..... farms..	66	32	152	241	203	252	135
number..	4 904	(D)	7 779	9 159	5 971	4 832	1 717
pounds of wool..	33 000	(D)	57 510	63 216	44 248	35 931	13 223
Horses and ponies inventory ..... farms..	388	201	930	1 199	1 306	1 302	2 808
number..	3 458	1 941	7 220	8 308	8 544	7 070	22 143
Horses and ponies sold..... farms..	132	77	330	524	546	509	175
number..	762	441	1 364	1 598	1 343	906	222
Goats inventory ..... farms..	51	23	125	174	196	248	324
number..	639	566	730	1 456	1 624	1 788	1 954
Goats sold ..... farms..	11	8	33	73	77	88	53
number..	133	285	193	832	822	696	278
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	134	65	247	371	341	408	462
number..	7 031	2 604	11 845	13 523	11 338	12 462	8 212
Farms with—							
1 to 399	131	65	242	368	339	408	462
400 to 3,199	3	–	5	3	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	–	–	–	–	–	–	–
Layers 20 weeks old and older ..... farms..	132	65	236	361	336	398	446
number..	5 949	2 337	10 759	12 206	9 644	10 638	7 337
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	20	12	46	64	61	66	60
number..	1 082	267	1 086	1 317	1 694	1 824	875
Layers, pullets, and pullet chicks sold (see text)..... farms..	14	7	33	46	37	63	30
number..	439	1 413	1 955	6 364	2 059	1 957	572
Broilers and other meat-type chickens sold .. farms..	18	15	39	60	53	61	44
number..	4 111	3 150	7 417	14 523	7 720	6 591	2 654
Farms with—							
1 to 1,999.....	18	15	38	58	52	61	44
2,000 to 59,999.....	–	–	1	2	1	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	6	3	23	28	29	46	32
number..	16	9	110	106	110	122	91
Turkeys sold ..... farms..	8	4	22	28	35	46	29
number..	2 688	(D)	786	2 036	802	638	274

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms..	16 712	252	630	1 492	2 843	2 289	786
acres..	2 122 283	229 293	333 510	501 050	516 043	223 740	55 723
bushels..	238 319 129	28 917 798	40 636 124	59 024 460	56 896 242	23 361 191	5 635 258
Irrigated ..... farms..	780	75	121	168	189	94	27
acres..	164 236	42 028	36 094	44 205	29 035	7 689	1 594
Farms by acres harvested:							
1 to 24 acres	4 915	5	5	17	135	216	103
25 to 99 acres	6 160	7	41	135	710	1 063	502
100 to 249 acres	3 298	29	126	511	1 253	922	176
250 to 499 acres	1 485	42	192	505	652	86	5
500 acres or more	854	169	266	324	93	2	–
Corn for silage or green chop ..... farms..	4 817	112	287	654	1 119	791	195
acres..	279 786	44 243	45 362	64 533	62 962	28 137	4 386
tons, green..	4 001 045	718 656	735 933	946 589	855 719	346 837	51 422
Irrigated ..... farms..	94	13	21	29	14	6	1
acres..	6 165	2 060	2 027	1 193	555	143	(D)
Farms by acres harvested:							
1 to 24 acres	2 012	1	11	37	230	337	127
25 to 99 acres	1 995	10	66	332	730	415	67
100 to 249 acres	665	38	166	257	151	38	1
250 to 499 acres	106	32	37	27	8	1	–
500 acres or more	39	31	7	1	–	–	–
Wheat for grain ..... farms..	8 976	171	387	899	1 693	1 323	481
acres..	499 742	38 340	65 159	100 285	131 139	60 651	17 386
bushels..	28 432 159	2 233 113	4 102 292	6 126 916	7 425 311	3 331 643	937 036
Irrigated ..... farms..	65	12	12	13	13	4	–
acres..	7 737	3 675	1 719	684	1 131	276	–
Farms by acres harvested:							
1 to 24 acres	3 781	7	33	107	290	394	180
25 to 99 acres	3 821	47	145	381	917	819	288
100 to 249 acres	1 107	75	125	327	431	108	13
250 to 499 acres	217	27	58	77	53	2	–
500 acres or more	50	15	26	7	2	–	–
Oats for grain ..... farms..	3 707	21	69	228	542	535	186
acres..	77 588	2 389	3 882	10 782	16 589	12 173	3 554
bushels..	4 624 435	134 929	227 968	684 089	1 101 403	743 847	224 740
Irrigated ..... farms..	18	1	1	5	4	–	1
acres..	727	(D)	(D)	425	175	–	(D)
Soybeans for beans ..... farms..	12 561	164	443	1 057	2 072	1 741	658
acres..	1 694 872	111 893	222 734	362 248	437 864	221 641	59 579
bushels..	62 242 411	4 633 658	8 884 450	14 009 838	16 111 428	7 716 400	2 026 012
Irrigated ..... farms..	384	29	44	96	92	52	13
acres..	47 518	8 971	7 889	14 147	9 421	3 567	873
Farms by acres harvested:							
1 to 24 acres	2 590	4	5	36	88	135	62
25 to 99 acres	5 353	20	69	187	493	577	352
100 to 249 acres	2 728	28	99	257	750	868	227
250 to 499 acres	1 213	36	94	290	614	150	17
500 acres or more	677	76	176	287	127	11	–
Dry edible beans, excluding dry limas ..... farms..	2 172	50	150	308	557	386	90
acres..	302 767	33 876	56 852	75 233	78 727	31 649	5 084
cwt..	4 878 076	656 376	965 087	1 224 583	1 217 020	449 927	72 910
Irrigated ..... farms..	86	4	13	22	19	11	4
acres..	11 390	1 685	2 398	3 680	2 607	600	135
Farms by acres harvested:							
1 to 24 acres	378	–	3	3	25	36	15
25 to 99 acres	859	1	16	41	186	237	63
100 to 249 acres	569	4	32	130	266	105	12
250 to 499 acres	266	15	56	110	77	8	–
500 acres or more	100	30	43	24	3	–	–
Potatoes, excluding sweetpotatoes ..... farms..	328	29	33	36	57	41	4
acres..	44 931	26 035	8 345	4 436	4 337	1 282	70
cwt..	13 632 901	8 831 185	2 385 151	1 118 876	982 857	233 015	16 350
Irrigated ..... farms..	175	25	26	32	33	19	1
acres..	33 519	22 218	5 299	3 165	2 050	620	(D)
Farms by acres harvested:							
0.1 to 4.9 acres	125	1	–	1	8	13	1
5.0 to 24.9 acres	43	–	–	3	6	10	2
25.0 to 99.9 acres	62	–	1	11	27	17	1
100.0 to 249.9 acres	49	1	15	17	15	1	–
250.0 acres or more	49	27	17	4	1	–	–
Sugar beets for sugar ..... farms..	1 182	46	130	256	367	189	34
acres..	163 236	28 951	41 635	45 777	33 594	9 172	1 243
tons..	3 055 112	564 762	787 697	860 251	607 068	162 037	22 072
Irrigated ..... farms..	39	2	8	9	10	4	1
acres..	2 445	(D)	899	739	522	123	(D)

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms..	1 756	805	2 504	1 643	954	519	239
acres..	97 876	32 635	78 856	33 768	13 242	4 986	1 561
bushels..	9 403 137	3 133 004	7 133 068	2 795 414	979 054	319 024	85 355
Irrigated ..... farms..	28	14	19	20	10	8	7
acres..	1 799	651	623	311	143	30	34
Farms by acres harvested:							
1 to 24 acres	343	251	1 115	1 153	840	498	234
25 to 99 acres	1 203	527	1 347	485	114	21	5
100 to 249 acres	209	26	41	5	–	–	–
250 to 499 acres	1	1	1	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Corn for silage or green chop ..... farms..	417	158	429	321	189	102	43
acres..	9 534	3 028	8 259	5 298	2 197	1 383	464
tons, green..	111 430	37 080	99 395	56 230	23 225	13 144	5 385
Irrigated ..... farms..	1	1	3	2	1	1	1
acres..	(D)	(D)	46	(D)	(D)	(D)	(D)
Farms by acres harvested:							
1 to 24 acres	271	123	319	262	171	86	37
25 to 99 acres	141	32	107	57	18	14	6
100 to 249 acres	5	3	3	1	–	2	–
250 to 499 acres	–	–	–	1	–	–	–
500 acres or more	–	–	–	–	–	–	–
Wheat for grain ..... farms..	983	475	1 206	753	358	185	62
acres..	29 349	11 698	25 322	12 677	5 071	2 150	515
bushels..	1 539 081	616 770	1 249 979	560 056	215 214	81 832	12 916
Irrigated ..... farms..	2	4	2	1	2	–	–
acres..	(D)	96	(D)	(D)	(D)	–	–
Farms by acres harvested:							
1 to 24 acres	451	293	854	625	309	177	61
25 to 99 acres	516	178	349	124	49	7	1
100 to 249 acres	16	4	3	4	–	1	–
250 to 499 acres	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Oats for grain ..... farms..	412	184	576	453	260	160	81
acres..	7 142	2 864	7 526	5 854	2 755	1 524	554
bushels..	424 793	178 784	412 090	280 488	125 158	63 552	22 594
Irrigated ..... farms..	1	1	1	2	1	–	–
acres..	(D)	(D)	(D)	(D)	(D)	–	–
Soybeans for beans ..... farms..	1 460	692	2 065	1 232	591	305	81
acres..	104 423	39 144	83 949	35 402	11 252	4 008	735
bushels..	3 476 011	1 298 007	2 661 495	1 026 781	301 614	84 876	11 841
Irrigated ..... farms..	18	8	19	10	1	2	–
acres..	1 072	767	543	229	(D)	(D)	–
Farms by acres harvested:							
1 to 24 acres	148	117	598	612	438	271	76
25 to 99 acres	986	494	1 381	603	152	34	5
100 to 249 acres	315	80	86	17	1	–	–
250 to 499 acres	11	1	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Dry edible beans, excluding dry limas ..... farms..	232	101	169	81	31	7	10
acres..	10 598	3 821	4 525	1 746	548	66	42
cwt..	150 522	54 602	60 569	20 350	4 871	907	352
Irrigated ..... farms..	2	4	3	2	2	–	–
acres..	(D)	192	(D)	(D)	(D)	–	–
Farms by acres harvested:							
1 to 24 acres	65	33	99	55	27	7	10
25 to 99 acres	152	64	70	25	4	–	–
100 to 249 acres	15	4	–	1	–	–	–
250 to 499 acres	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	23	12	28	38	14	10	3
acres..	179	32	95	81	16	20	3
cwt..	33 967	7 008	13 252	8 654	1 164	(D)	(D)
Irrigated ..... farms..	11	4	6	12	3	2	1
acres..	87	(D)	12	13	(D)	(D)	(D)
Farms by acres harvested:							
0.1 to 4.9 acres	15	9	19	34	12	9	3
5.0 to 24.9 acres	4	3	9	3	2	1	–
25.0 to 99.9 acres	4	–	–	1	–	–	–
100.0 to 249.9 acres	–	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–	–
Sugar beets for sugar ..... farms..	66	29	39	17	3	4	2
acres..	1 579	533	587	145	(D)	10	(D)
tons..	29 051	8 976	10 524	2 349	(D)	171	(D)
Irrigated ..... farms..	1	2	1	1	–	–	–
acres..	(D)	(D)	(D)	(D)	–	–	–

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
SELECTED CROPS HARVESTED—Con.							
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	20 858	141	360	933	1 888	1 696	586
acres..	1 264 350	40 572	84 784	166 540	225 803	147 661	37 376
tons, dry..	2 830 915	125 978	232 660	464 994	564 513	344 851	90 872
Irrigated ... farms..	258	13	27	38	35	18	10
acres..	11 154	1 192	2 577	3 156	1 171	576	599
Farms by acres harvested:							
1 to 24 acres ...	9 125	24	33	89	326	418	189
25 to 99 acres ...	8 042	23	49	206	658	749	275
100 to 249 acres ...	2 799	19	139	405	698	425	104
250 to 499 acres ...	719	50	102	192	170	90	15
500 acres or more ...	173	25	37	41	36	14	3
Alfalfa hay ... farms..	17 108	95	272	793	1 683	1 545	527
acres..	788 156	14 650	34 466	91 539	139 218	101 005	28 028
tons, dry..	1 985 404	50 814	114 529	307 118	407 282	272 877	73 678
Irrigated ... farms..	204	7	13	32	30	17	10
acres..	7 300	367	1 063	2 309	1 044	495	599
Vegetables harvested for sale (see text) .... farms..	2 498	67	150	209	351	261	97
acres..	128 349	39 189	26 817	22 608	21 001	7 818	1 805
Irrigated ... farms..	833	48	78	107	141	93	23
acres..	59 247	23 909	13 783	11 140	6 384	2 041	396
Farms by acres harvested:							
0.1 to 4.9 acres ...	907	–	5	8	30	43	19
5.0 to 24.9 acres ...	772	3	9	25	100	93	53
25.0 to 99.9 acres ...	490	6	41	82	146	119	24
100.0 to 249.9 acres ...	224	11	56	80	70	6	1
250.0 acres or more ...	105	47	39	14	5	–	–
Snap beans harvested for sale ... farms..	453	19	25	44	68	50	19
acres..	18 553	4 916	4 158	4 854	3 193	639	254
Irrigated ... farms..	211	15	17	30	26	27	6
acres..	12 622	4 131	3 233	3 451	1 266	296	(D)
Land in orchards ... farms..	2 863	31	79	143	357	328	102
acres..	139 607	14 751	23 184	27 058	34 270	17 619	3 681
Irrigated ... farms..	362	11	21	30	61	47	11
acres..	11 930	1 452	3 441	2 318	1 804	1 463	278
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres ...	907	–	1	1	15	25	5
5.0 to 24.9 acres ...	862	–	3	11	27	48	32
25.0 to 99.9 acres ...	692	8	12	23	160	212	62
100.0 to 249.9 acres ...	299	7	21	75	143	43	3
250.0 acres or more ...	103	16	42	33	12	–	–
Apples ... farms..	1 991	25	68	121	274	225	68
Bearing and nonbearing..acres..	68 987	10 404	11 311	14 075	15 495	7 977	1 594
pounds..	966 592 252	183 347 701	197 322 208	196 709 458	224 192 249	92 916 966	16 762 070
Cherries, total (see text) ... farms..	1 077	16	50	78	223	168	51
Bearing and nonbearing..acres..	47 716	3 367	8 503	8 944	13 717	6 643	1 500
pounds..	272 166 983	21 114 935	51 945 614	53 766 779	82 548 843	36 373 034	7 521 408
Grapes (see text) ... farms..	732	5	14	25	65	61	21
Bearing and nonbearing..acres..	13 045	448	1 674	2 153	2 887	1 842	388
Fresh weight..pounds..	109 863 755	2 467 544	19 761 175	19 733 487	25 062 896	15 647 218	3 631 222
Berries harvested for sale ... farms..	1 147	11	26	68	127	127	62
acres..	18 760	2 711	2 239	4 160	3 368	2 190	812
Irrigated ... farms..	591	9	14	55	94	75	34
acres..	10 808	1 963	902	2 682	2 348	1 207	401

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
SELECTED CROPS HARVESTED—Con.							
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	1 396	680	2 764	3 102	2 772	2 252	2 288
acres..	89 074	39 102	139 117	121 432	81 403	53 607	37 879
tons, dry..	188 735	89 733	272 326	213 109	125 798	73 030	44 316
Irrigated ... farms..	14	4	12	26	28	14	19
acres..	250	113	190	564	396	171	199
Farms by acres harvested:							
1 to 24 acres ...	475	211	1 026	1 340	1 567	1 541	1 886
25 to 99 acres ...	657	345	1 395	1 531	1 114	662	378
100 to 249 acres ...	217	114	308	217	87	44	22
250 to 499 acres ...	39	10	27	13	4	5	2
500 acres or more ...	8	–	8	1	–	–	–
Alfalfa hay ... farms..	1 238	603	2 416	2 525	2 155	1 691	1 565
acres..	62 015	29 137	97 787	82 276	52 444	33 375	22 216
tons, dry..	146 218	72 936	212 618	158 040	88 417	51 049	29 828
Irrigated ... farms..	11	3	12	22	22	12	13
acres..	(D)	(D)	174	462	267	160	119
Vegetables harvested for sale (see text) .... farms..	216	117	348	291	189	108	94
acres..	2 864	1 339	2 859	1 296	471	192	91
Irrigated ... farms..	66	33	78	76	41	28	21
acres..	551	267	397	251	85	31	14
Farms by acres harvested:							
0.1 to 4.9 acres ...	59	36	156	189	169	100	93
5.0 to 24.9 acres ...	121	70	168	101	20	8	1
25.0 to 99.9 acres ...	36	11	24	1	–	–	–
100.0 to 249.9 acres ...	–	–	–	–	–	–	–
250.0 acres or more ...	–	–	–	–	–	–	–
Snap beans harvested for sale ... farms..	40	20	52	43	36	19	18
acres..	266	75	110	34	37	12	5
Irrigated ... farms..	13	7	14	22	17	9	8
acres..	57	35	(D)	10	24	10	3
Land in orchards ... farms..	246	101	312	268	210	228	458
acres..	6 010	2 107	4 332	2 118	946	945	2 585
Irrigated ... farms..	21	11	32	20	20	26	51
acres..	327	61	312	125	63	146	141
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres ...	21	15	81	116	133	176	318
5.0 to 24.9 acres ...	119	55	178	137	76	49	127
25.0 to 99.9 acres ...	104	31	52	15	1	2	10
100.0 to 249.9 acres ...	2	–	1	–	–	1	3
250.0 acres or more ...	–	–	–	–	–	–	–
Apples ... farms..	143	62	184	177	148	153	343
Bearing and nonbearing..acres..	2 317	903	1 713	956	489	455	1 300
pounds..	27 262 387	7 497 314	12 658 933	4 901 681	2 010 873	738 533	271 879
Cherries, total (see text) ... farms..	94	37	98	70	40	56	96
Bearing and nonbearing..acres..	1 941	590	1 400	384	156	129	442
pounds..	8 879 538	1 934 370	5 600 528	912 659	341 143	(D)	(D)
Grapes (see text) ... farms..	61	30	98	100	63	73	116
Bearing and nonbearing..acres..	1 253	374	894	489	186	200	259
Fresh weight..pounds..	9 125 111	2 637 455	7 069 103	3 195 983	1 084 155	388 785	59 621
Berries harvested for sale ... farms..	109	59	154	132	107	93	72
acres..	1 033	495	826	404	254	185	83
Irrigated ... farms..	56	21	71	47	49	40	26
acres..	595	118	316	112	94	59	12

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 51. **Summary by North American Industry Classification System: 1997**

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
FARMS AND LAND IN FARMS									
Farms ..... number..	46 027	16 307	1 428	2 668	3 054	6 191	–	–	6 191
percent..	100.0	35.4	3.1	5.8	6.6	13.5	–	–	13.5
Land in farms ..... acres..	9 872 812	4 894 874	344 407	347 863	241 781	1 017 611	–	–	1 017 611
Average size of farm ..... acres..	215	300	241	130	79	164	–	–	164
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text) ..... farms..	46 027	16 307	1 428	2 668	3 054	6 191	–	–	6 191
$1,000..	3 567 825	990 577	255 674	234 679	476 447	183 380	–	–	183 380
Average per farm ..... dollars..	77 516	60 746	179 044	87 960	156 008	29 620	–	–	29 620
Farms by value of sales:									
Less than $1,000 (see text)	7 756	2 951	73	377	178	750	–	–	750
$1,000 to $2,499	4 801	747	70	177	634	1 066	–	–	1 066
$2,500 to $4,999	5 049	1 178	133	194	291	1 121	–	–	1 121
$5,000 to $9,999	5 800	1 842	191	254	319	1 221	–	–	1 221
$10,000 to $19,999	5 602	2 468	205	297	337	897	–	–	897
$20,000 to $24,999	1 611	759	72	107	114	220	–	–	220
$25,000 to $39,999	3 136	1 523	107	255	222	282	–	–	282
$40,000 to $49,999	1 336	658	43	123	95	77	–	–	77
$50,000 to $99,999	3 663	1 577	138	327	257	238	–	–	238
$100,000 to $249,999	4 008	1 603	172	332	308	156	–	–	156
$250,000 to $499,999	1 954	707	93	141	125	94	–	–	94
$500,000 to $999,999	864	242	76	64	81	49	–	–	49
$1,000,000 to $2,499,999	344	49	39	16	64	19	–	–	19
$2,500,000 to $4,999,999	66	3	13	2	16	1	–	–	1
$5,000,000 or more	37	–	3	2	13	–	–	–	–
Grains ..... farms..	19 502	13 484	452	192	85	1 743	–	–	1 743
$1,000..	1 033 206	838 823	22 209	4 649	1 144	50 674	–	–	50 674
Sales of $50,000 or more ..... farms..	4 880	3 849	93	16	6	236	–	–	236
$1,000..	838 846	694 007	18 043	3 134	534	39 681	–	–	39 681
Corn for grain ..... farms..	13 864	10 144	291	128	41	1 158	–	–	1 158
$1,000..	470 240	375 146	12 695	2 514	438	22 061	–	–	22 061
Wheat ..... farms..	8 875	6 277	145	35	32	615	–	–	615
$1,000..	89 407	69 042	2 365	209	129	4 251	–	–	4 251
Soybeans ..... farms..	12 516	10 056	198	75	36	567	–	–	567
$1,000..	375 311	319 365	4 574	1 871	554	11 319	–	–	11 319
Sorghum for grain ..... farms..	6	3	1	–	1	1	–	–	1
$1,000..	22	(D)	(D)	–	(D)	(D)	–	–	(D)
Barley ..... farms..	295	127	14	1	1	61	–	–	61
$1,000..	1 180	(D)	(D)	(D)	(D)	(D)	–	–	(D)
Oats ..... farms..	1 804	1 006	53	18	4	336	–	–	336
$1,000..	4 311	2 716	339	27	4	546	–	–	546
Other grains ..... farms..	2 667	1 896	104	15	3	315	–	–	315
$1,000..	92 735	72 008	2 131	(D)	(D)	12 327	–	–	12 327
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Tobacco ..... farms..	3	2	–	–	–	1	–	–	1
$1,000..	34	(D)	–	–	–	(D)	–	–	(D)
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	10 938	2 852	174	155	94	5 573	–	–	5 573
$1,000..	83 225	22 619	1 602	684	287	43 025	–	–	43 025
Sales of $50,000 or more ..... farms..	215	50	8	1	–	106	–	–	106
$1,000..	24 307	7 221	827	(D)	–	9 531	–	–	9 531
Vegetables, sweet corn, and melons ..... farms..	2 494	302	1 322	296	146	249	–	–	249
$1,000..	183 645	13 980	141 311	9 972	4 245	12 619	–	–	12 619
Sales of $50,000 or more ..... farms..	601	70	401	45	20	61	–	–	61
$1,000..	163 037	11 095	129 934	7 294	(D)	11 031	–	–	11 031
Fruits, nuts, and berries ..... farms..	3 027	91	198	2 415	80	131	–	–	131
$1,000..	231 595	1 454	6 642	216 512	1 117	3 712	–	–	3 712
Sales of $50,000 or more ..... farms..	925	8	30	846	7	18	–	–	18
$1,000..	204 816	847	5 012	193 511	789	2 932	–	–	2 932
Nursery and greenhouse crops ..... farms..	3 548	70	155	72	3 054	115	–	–	115
$1,000..	478 448	(D)	4 393	1 485	469 303	(D)	–	–	(D)
Sales of $50,000 or more ..... farms..	894	3	25	7	849	6	–	–	6
$1,000..	453 975	376	3 405	1 059	447 309	1 516	–	–	1 516
Other crops ..... farms..	1 725	788	223	26	19	506	–	–	506
$1,000..	189 569	63 831	76 683	96	108	38 916	–	–	38 916
Sales of $50,000 or more ..... farms..	764	386	122	–	1	212	–	–	212
$1,000..	174 245	54 815	75 820	–	(D)	34 793	–	–	34 793
Poultry and poultry products ..... farms..	1 442	155	35	16	35	177	–	–	177
$1,000..	169 053	292	18	6	15	1 412	–	–	1 412
Sales of $50,000 or more ..... farms..	99	2	–	–	–	3	–	–	3
$1,000..	167 358	(D)	–	–	–	(D)	–	–	(D)
Dairy products ..... farms..	3 696	128	6	5	–	91	–	–	91
$1,000..	645 713	8 295	611	381	–	6 670	–	–	6 670
Sales of $50,000 or more ..... farms..	2 645	59	5	3	–	44	–	–	44
$1,000..	619 100	6 756	(D)	(D)	–	5 581	–	–	5 581
Cattle and calves ..... farms..	14 293	2 510	94	87	41	1 500	–	–	1 500
$1,000..	276 971	27 453	1 184	623	123	17 249	–	–	17 249
Sales of $50,000 or more ..... farms..	790	100	3	2	–	66	–	–	66
$1,000..	173 630	10 180	595	(D)	–	9 449	–	–	9 449

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
FARMS AND LAND IN FARMS							
Farms ..... number..	4 765	1 791	3 177	1 178	400	681	4 387
..... percent..	10.4	3.9	6.9	2.6	.9	1.5	9.5
Land in farms ..... acres..	729 423	326 159	1 396 441	261 616	38 575	48 684	225 378
Average size of farm ..... acres..	153	182	440	222	96	71	51
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms..	4 765	1 791	3 177	1 178	400	681	4 387
..... $1,000..	90 889	143 626	735 704	233 720	172 474	5 595	45 060
Average per farm ..... dollars..	19 074	80 193	231 572	198 404	431 184	8 216	10 271
Farms by value of sales:							
Less than $1,000 (see text)	820	48	5	75	144	179	2 156
$1,000 to $2,499	892	261	1	93	78	214	568
$2,500 to $4,999	992	366	7	103	25	114	525
$5,000 to $9,999	845	371	28	118	31	101	479
$10,000 to $19,999	546	285	122	107	19	32	287
$20,000 to $24,999	118	47	61	32	3	6	72
$25,000 to $39,999	181	104	241	90	5	11	115
$40,000 to $49,999	58	43	129	52	5	9	44
$50,000 to $99,999	134	118	665	108	9	10	82
$100,000 to $249,999	115	61	1 026	180	15	2	38
$250,000 to $499,999	45	32	587	103	12	1	14
$500,000 to $999,999	13	26	231	61	15	2	4
$1,000,000 to $2,499,999	5	18	61	47	25	–	1
$2,500,000 to $4,999,999	1	7	10	6	5	–	2
$5,000,000 or more	–	4	3	3	9	–	–
Grains ..... farms..	708	550	1 601	500	52	33	102
..... $1,000..	13 497	17 886	56 969	21 705	3 895	518	1 236
Sales of $50,000 or more ..... farms..	75	71	373	130	23	3	5
..... $1,000..	9 297	13 875	38 686	16 997	3 554	392	647
Corn for grain ..... farms..	456	305	968	258	45	12	58
..... $1,000..	7 360	7 569	30 887	7 891	2 949	169	559
Wheat ..... farms..	257	276	919	261	16	11	31
..... $1,000..	1 430	2 249	7 106	2 345	118	70	92
Soybeans ..... farms..	218	228	737	328	25	16	32
..... $1,000..	3 419	5 865	16 498	10 239	822	275	512
Sorghum for grain ..... farms..	–	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–	–
Barley ..... farms..	29	11	42	5	1	1	2
..... $1,000..	88	45	226	6	(D)	(D)	(D)
Oats ..... farms..	115	73	143	30	4	5	17
..... $1,000..	150	116	331	56	(D)	(D)	(D)
Other grains ..... farms..	56	76	150	44	1	1	6
..... $1,000..	1 051	2 042	1 921	1 168	(D)	(D)	51
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	–	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	769	396	337	194	37	82	275
..... $1,000..	3 224	1 798	7 933	1 057	163	163	670
Sales of $50,000 or more ..... farms..	4	4	40	2	–	–	–
..... $1,000..	373	531	5 624	(D)	–	–	–
Vegetables, sweet corn, and melons ..... farms..	46	27	38	17	16	8	27
..... $1,000..	395	(D)	336	110	(D)	(D)	58
Sales of $50,000 or more ..... farms..	3	–	–	–	1	–	–
..... $1,000..	230	–	–	–	(D)	–	–
Fruits, nuts, and berries ..... farms..	30	10	24	11	12	9	16
..... $1,000..	226	513	906	210	(D)	(D)	65
Sales of $50,000 or more ..... farms..	1	4	8	2	1	–	–
..... $1,000..	(D)	510	760	(D)	(D)	–	–
Nursery and greenhouse crops ..... farms..	32	9	8	6	7	2	18
..... $1,000..	66	(D)	230	121	(D)	(D)	30
Sales of $50,000 or more ..... farms..	–	1	2	1	–	–	–
..... $1,000..	–	(D)	(D)	(D)	–	–	–
Other crops ..... farms..	41	23	68	17	4	–	10
..... $1,000..	1 496	4 160	2 943	1 153	2	–	181
Sales of $50,000 or more ..... farms..	7	12	15	7	–	–	2
..... $1,000..	1 252	4 058	2 273	1 029	–	–	(D)
Poultry and poultry products ..... farms..	210	98	68	97	370	75	106
..... $1,000..	128	359	74	(D)	(D)	20	156
Sales of $50,000 or more ..... farms..	–	1	–	2	90	–	1
..... $1,000..	–	(D)	–	(D)	164 012	–	(D)
Dairy products ..... farms..	225	11	3 174	36	3	–	17
..... $1,000..	14 565	440	612 753	(D)	(D)	–	235
Sales of $50,000 or more ..... farms..	87	2	2 441	2	2	–	–
..... $1,000..	11 691	(D)	592 338	(D)	(D)	–	–
Cattle and calves ..... farms..	4 386	1 791	3 169	345	40	77	253
..... $1,000..	55 087	116 797	51 756	4 259	489	267	1 686
Sales of $50,000 or more ..... farms..	179	217	192	21	3	1	6
..... $1,000..	27 171	102 722	19 528	2 463	311	(D)	971

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)—Con.									
Hogs and pigs ..... farms..	2 690	529	26	20	11	254	–	–	254
$1,000..	228 488	12 033	905	124	7	6 083	–	–	6 083
Sales of $50,000 or more ..... farms..	593	66	2	1	–	25	–	–	25
$1,000..	212 526	8 409	(D)	(D)	–	4 764	–	–	4 764
Sheep, lambs, and wool ..... farms..	1 543	245	20	13	19	183	–	–	183
$1,000..	5 911	693	13	8	13	298	–	–	298
Sales of $50,000 or more ..... farms..	13	2	–	–	–	1	–	–	1
$1,000..	2 178	(D)	–	–	–	(D)	–	–	(D)
Other livestock and livestock products (see text) ..... farms..	3 625	159	44	64	58	261	–	–	261
$1,000..	41 968	518	103	139	86	607	–	–	607
Sales of $50,000 or more ..... farms..	127	2	–	–	–	1	–	–	1
$1,000..	24 296	(D)	–	–	–	(D)	–	–	(D)
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	4 339	465	684	800	148	471	–	–	471
$1,000..	28 720	1 611	8 124	10 308	1 127	1 922	–	–	1 922
FARM PRODUCTION EXPENSES[1]									
Total farm production expenses ..... farms..	46 040	16 639	1 331	2 500	3 077	6 323	–	–	6 323
$1,000..	2 835 658	830 024	180 492	173 547	316 612	146 564	–	–	146 564
Average per farm ..... dollars..	61 591	49 884	135 606	69 419	102 896	23 179	–	–	23 179
Livestock and poultry purchased ..... farms..	11 086	2 080	55	84	65	1 204	–	–	1 204
$1,000..	175 474	14 547	734	350	56	9 698	–	–	9 698
Farms with expenses of—									
$1 to $4,999	7 569	1 494	46	67	64	960	–	–	960
$5,000 to $24,999	2 486	461	5	15	1	161	–	–	161
$25,000 to $99,999	763	113	2	2	–	66	–	–	66
$100,000 to $249,999	152	11	1	–	–	13	–	–	13
$250,000 or more	116	1	1	–	–	4	–	–	4
Feed for livestock and poultry ..... farms..	17 888	2 837	153	162	144	1 999	–	–	1 999
$1,000..	414 770	11 707	1 802	268	142	8 778	–	–	8 778
Farms with expenses of—									
$1 to $4,999	12 187	2 374	142	157	142	1 748	–	–	1 748
$5,000 to $24,999	3 248	374	6	2	2	191	–	–	191
$25,000 to $99,999	1 789	79	4	3	–	46	–	–	46
$100,000 to $249,999	439	10	–	–	–	10	–	–	10
$250,000 or more	225	–	1	–	–	4	–	–	4
Commercially mixed formula feeds ..... farms..	12 036	1 633	87	88	96	1 225	–	–	1 225
$1,000..	256 579	5 831	1 604	157	35	4 394	–	–	4 394
Farms with expenses of—									
$1 to $4,999	8 440	1 375	81	83	96	1 105	–	–	1 105
$5,000 to $24,999	2 191	218	2	3	–	91	–	–	91
$25,000 to $99,999	1 088	37	3	2	–	23	–	–	23
$100,000 or more	317	3	1	–	–	6	–	–	6
Seeds, bulbs, plants, and trees ..... farms..	27 224	13 344	1 229	1 041	1 817	2 761	–	–	2 761
$1,000..	180 800	80 727	16 063	4 798	42 373	9 451	–	–	9 451
Farms with expenses of—									
$1 to $999	11 109	3 996	574	453	916	1 771	–	–	1 771
$1,000 to $4,999	9 282	5 499	309	376	368	634	–	–	634
$5,000 to $24,999	5 470	3 142	223	180	280	277	–	–	277
$25,000 to $49,999	905	549	53	14	107	47	–	–	47
$50,000 or more	458	158	70	18	146	32	–	–	32
Commercial fertilizer ..... farms..	29 576	13 028	1 211	2 010	1 631	3 729	–	–	3 729
$1,000..	244 613	142 241	18 179	7 526	5 188	16 985	–	–	16 985
Farms with expenses of—									
$1 to $4,999	20 093	7 398	824	1 680	1 461	3 213	–	–	3 213
$5,000 to $24,999	7 064	4 125	248	290	121	357	–	–	357
$25,000 to $49,999	1 492	911	53	26	30	89	–	–	89
$50,000 or more	927	594	86	14	19	70	–	–	70
Agricultural chemicals ..... farms..	26 238	12 456	1 113	2 300	1 865	2 234	–	–	2 234
$1,000..	182 494	93 377	19 073	27 919	5 351	8 997	–	–	8 997
Farms with expenses of—									
$1 to $4,999	18 844	8 310	692	1 356	1 733	1 900	–	–	1 900
$5,000 to $24,999	5 753	3 256	258	689	97	241	–	–	241
$25,000 to $49,999	1 061	619	70	143	16	59	–	–	59
$50,000 or more	580	271	93	112	19	34	–	–	34
Petroleum products ..... farms..	42 348	15 274	1 310	2 362	2 930	6 035	–	–	6 035
$1,000..	142 449	55 883	8 360	7 239	18 333	9 069	–	–	9 069
Farms with expenses of—									
$1 to $4,999	35 797	12 341	1 000	1 999	2 433	5 734	–	–	5 734
$5,000 to $24,999	5 662	2 580	225	327	348	251	–	–	251
$25,000 to $49,999	631	292	51	26	68	38	–	–	38
$50,000 or more	258	61	34	10	81	12	–	–	12
Gasoline and gasohol ..... farms..	34 136	12 186	1 160	2 077	2 371	4 738	–	–	4 738
$1,000..	35 499	12 411	2 182	3 000	3 211	2 926	–	–	2 926
Diesel fuel ..... farms..	30 196	12 554	926	1 799	1 530	3 920	–	–	3 920
$1,000..	61 048	27 168	3 859	2 684	3 027	4 515	–	–	4 515
Natural gas ..... farms..	1 932	602	85	117	448	119	–	–	119
$1,000..	17 510	2 542	873	461	10 062	267	–	–	267
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	31 611	12 341	983	1 876	1 980	4 056	–	–	4 056
$1,000..	28 391	13 763	1 446	1 094	2 033	1 361	–	–	1 361

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs ..... farms..	280	131	125	1 165	23	25	101
$1,000..	1 490	1 201	1 542	202 568	913	25	1 597
Sales of $50,000 or more ..... farms..	5	4	6	470	7	–	7
$1,000..	528	886	953	194 162	860	–	1 101
Sheep, lambs, and wool ..... farms..	154	85	53	70	23	584	94
$1,000..	317	99	103	(D)	(D)	3 939	105
Sales of $50,000 or more ..... farms..	–	–	–	–	1	9	–
$1,000..	–	–	–	–	(D)	1 857	–
Other livestock and livestock products (see text) ..... farms..	227	70	90	61	35	162	2 394
$1,000..	397	84	159	63	125	646	39 041
Sales of $50,000 or more ..... farms..	–	–	–	–	1	3	120
$1,000..	–	–	–	–	(D)	209	23 811
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	513	469	193	174	116	126	180
$1,000..	1 101	1 430	1 889	358	218	167	465
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	4 647	1 889	3 185	1 139	403	747	4 160
$1,000..	88 989	135 130	552 928	186 804	160 712	7 121	56 735
Average per farm ..... dollars..	19 150	71 535	173 604	164 007	398 789	9 533	13 638
Livestock and poultry purchased ..... farms..	2 005	1 292	1 575	892	309	331	1 194
$1,000..	15 913	53 524	24 713	30 987	14 775	1 505	8 672
Farms with expenses of—							
$1 to $4,999	1 562	789	766	499	228	309	785
$5,000 to $24,999	325	344	574	200	20	19	361
$25,000 to $99,999	96	90	204	125	24	–	41
$100,000 to $249,999	16	23	20	38	23	1	6
$250,000 or more	6	46	11	30	14	2	1
Feed for livestock and poultry ..... farms..	3 266	1 651	3 067	1 026	363	578	2 642
$1,000..	13 447	21 427	158 646	77 397	106 596	1 097	13 464
Farms with expenses of—							
$1 to $4,999	2 755	1 251	315	404	245	559	2 095
$5,000 to $24,999	437	325	1 160	230	30	15	476
$25,000 to $99,999	59	41	1 245	226	23	4	59
$100,000 to $249,999	12	22	275	91	8	–	11
$250,000 or more	3	12	72	75	57	–	1
Commercially mixed formula feeds ..... farms..	1 849	944	2 844	687	342	423	1 818
$1,000..	6 055	8 928	88 673	29 661	104 790	425	6 025
Farms with expenses of—							
$1 to $4,999	1 629	805	696	337	227	422	1 584
$5,000 to $24,999	177	104	1 207	141	29	–	219
$25,000 to $99,999	35	25	784	143	24	1	11
$100,000 or more	8	10	157	66	62	–	4
Seeds, bulbs, plants, and trees ..... farms..	1 800	1 034	2 887	565	83	163	500
$1,000..	2 327	3 817	16 689	3 697	482	120	255
Farms with expenses of—							
$1 to $999	1 423	610	538	181	44	150	453
$1,000 to $4,999	294	273	1 258	205	12	11	43
$5,000 to $24,999	71	119	1 002	149	22	1	4
$25,000 to $49,999	9	21	79	21	4	1	–
$50,000 or more	3	11	10	9	1	–	–
Commercial fertilizer ..... farms..	2 333	1 192	2 807	564	104	200	767
$1,000..	5 481	7 927	32 727	6 706	642	308	701
Farms with expenses of—							
$1 to $4,999	2 114	935	1 157	315	73	188	735
$5,000 to $24,999	179	208	1 302	169	25	10	30
$25,000 to $49,999	29	20	273	54	4	1	2
$50,000 or more	11	29	75	26	2	1	–
Agricultural chemicals ..... farms..	1 387	951	2 578	564	74	146	570
$1,000..	2 504	4 107	16 391	3 846	466	135	329
Farms with expenses of—							
$1 to $4,999	1 290	822	1 600	382	49	143	567
$5,000 to $24,999	81	92	868	145	22	1	3
$25,000 to $49,999	11	24	86	29	2	2	–
$50,000 or more	5	13	24	8	1	–	–
Petroleum products ..... farms..	4 347	1 782	3 129	1 088	312	614	3 165
$1,000..	5 108	4 468	21 954	6 103	3 216	312	2 405
Farms with expenses of—							
$1 to $4,999	4 206	1 638	1 647	811	255	603	3 130
$5,000 to $24,999	130	122	1 380	222	32	11	34
$25,000 to $49,999	10	10	87	38	10	–	1
$50,000 or more	1	12	15	17	15	–	–
Gasoline and gasohol ..... farms..	3 464	1 403	2 495	937	268	497	2 540
$1,000..	1 934	1 412	5 431	1 351	328	150	1 163
Diesel fuel ..... farms..	2 798	1 165	2 889	694	125	304	1 492
$1,000..	2 047	2 243	12 210	1 822	573	111	791
Natural gas ..... farms..	90	45	227	89	37	–	73
$1,000..	216	210	609	591	1 627	–	52
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	2 980	1 286	3 029	836	196	237	1 811
$1,000..	910	604	3 704	2 339	688	50	399

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
FARM PRODUCTION EXPENSES[1] —Con.									
Total farm production expenses—Con.									
Electricity ..... farms..	31 396	10 764	1 002	1 856	1 938	3 811	–	–	3 811
$1,000..	53 192	11 524	3 571	3 543	6 326	2 406	–	–	2 406
Farms with expenses of—									
$1 to $999	21 800	7 868	596	1 180	1 341	3 278	–	–	3 278
$1,000 to $4,999	7 332	2 493	254	527	341	480	–	–	480
$5,000 to $24,999	2 073	383	124	133	216	49	–	–	49
$25,000 to $49,999	118	16	16	10	18	3	–	–	3
$50,000 or more	73	4	12	6	22	1	–	–	1
Hired farm labor ..... farms..	14 481	3 978	770	1 466	1 432	1 561	–	–	1 561
$1,000..	369 145	38 498	43 569	52 898	115 125	12 797	–	–	12 797
Farms with expenses of—									
$1 to $4,999	8 961	2 768	311	656	661	1 264	–	–	1 264
$5,000 to $24,999	2 809	761	190	376	350	168	–	–	168
$25,000 to $99,999	2 014	400	155	307	228	101	–	–	101
$100,000 to $249,999	471	44	71	89	107	24	–	–	24
$250,000 or more	226	5	43	38	86	4	–	–	4
Workers by days worked:									
150 days or more ..... farms..	6 074	1 324	352	582	718	449	–	–	449
workers..	20 996	2 206	2 240	2 872	5 941	900	–	–	900
Less than 150 days ..... farms..	13 069	3 613	729	1 433	1 360	1 520	–	–	1 520
workers..	74 869	11 558	9 276	20 811	15 197	5 251	–	–	5 251
Contract labor ..... farms..	3 865	966	156	666	436	387	–	–	387
$1,000..	29 043	3 625	2 812	4 921	9 191	1 314	–	–	1 314
Farms with expenses of—									
$1 to $999	1 689	402	39	184	165	220	–	–	220
$1,000 to $4,999	1 330	364	56	256	158	107	–	–	107
$5,000 to $24,999	667	177	43	171	79	52	–	–	52
$25,000 to $49,999	102	18	12	37	15	5	–	–	5
$50,000 or more	77	5	6	18	19	3	–	–	3
Repair and maintenance ..... farms..	37 918	13 698	1 182	2 185	2 469	5 042	–	–	5 042
$1,000..	209 298	75 661	12 369	13 138	18 428	15 280	–	–	15 280
Farms with expenses of—									
$1 to $4,999	28 001	9 498	771	1 589	1 900	4 339	–	–	4 339
$5,000 to $24,999	8 308	3 666	288	498	422	615	–	–	615
$25,000 to $49,999	1 118	406	67	61	69	64	–	–	64
$50,000 or more	491	128	56	37	78	24	–	–	24
Customwork, machine hire, and rental of machinery and equipment..... farms..	13 520	5 941	447	863	493	1 429	–	–	1 429
$1,000..	53 082	22 042	5 102	4 179	3 274	3 138	–	–	3 138
Farms with expenses of—									
$1 to $999	6 439	2 499	202	312	252	872	–	–	872
$1,000 to $4,999	4 866	2 420	100	375	112	407	–	–	407
$5,000 to $24,999	1 896	901	94	144	107	134	–	–	134
$25,000 to $49,999	194	78	25	25	7	12	–	–	12
$50,000 or more	125	43	26	7	15	4	–	–	4
Interest ..... farms..	18 209	7 113	609	1 081	983	1 825	–	–	1 825
$1,000..	189 849	70 985	11 415	10 420	13 957	12 890	–	–	12 890
Farms with expenses of—									
$1 to $4,999	10 247	3 836	318	585	548	1 240	–	–	1 240
$5,000 to $24,999	6 239	2 581	193	418	330	498	–	–	498
$25,000 to $99,999	1 520	635	68	70	87	73	–	–	73
$100,000 or more	203	61	30	8	18	14	–	–	14
Secured by real estate ..... farms..	13 336	5 028	458	756	693	1 411	–	–	1 411
$1,000..	123 249	45 802	6 588	7 096	9 612	9 259	–	–	9 259
Farms with expenses of—									
$1 to $999	1 609	556	41	67	72	218	–	–	218
$1,000 to $4,999	5 936	2 113	206	296	330	780	–	–	780
$5,000 to $24,999	4 711	1 931	136	337	216	353	–	–	353
$25,000 to $49,999	762	314	42	39	51	35	–	–	35
$50,000 or more	318	114	33	17	24	25	–	–	25
Not secured by real estate ..... farms..	10 394	4 407	342	592	499	889	–	–	889
$1,000..	66 600	25 183	4 827	3 324	4 345	3 631	–	–	3 631
Farms with expenses of—									
$1 to $999	2 926	1 054	84	213	128	329	–	–	329
$1,000 to $4,999	4 434	1 976	131	253	206	428	–	–	428
$5,000 to $24,999	2 502	1 183	79	106	141	101	–	–	101
$25,000 to $49,999	371	154	21	12	11	18	–	–	18
$50,000 or more	161	40	27	8	13	13	–	–	13
Cash rent ..... farms..	12 983	6 085	466	431	331	1 316	–	–	1 316
$1,000..	162 012	96 998	9 914	5 968	5 434	10 607	–	–	10 607
Farms with expenses of—									
$1 to $4,999	7 978	3 050	285	288	251	1 000	–	–	1 000
$5,000 to $9,999	1 633	896	35	61	22	111	–	–	111
$10,000 to $24,999	1 753	1 065	58	39	26	108	–	–	108
$25,000 or more	1 619	1 074	88	43	32	97	–	–	97
Property taxes ..... farms..	43 608	15 422	1 268	2 406	2 924	6 082	–	–	6 082
$1,000..	114 049	45 306	4 574	6 803	7 749	12 109	–	–	12 109
Farms with expenses of—									
$1 to $4,999	38 646	13 294	1 072	2 114	2 584	5 681	–	–	5 681
$5,000 to $9,999	3 399	1 448	108	194	255	257	–	–	257
$10,000 to $24,999	1 308	579	67	75	58	125	–	–	125
$25,000 or more	255	101	21	23	27	19	–	–	19
All other farm production expenses ..... farms..	40 748	14 735	1 179	2 245	2 787	5 135	–	–	5 135
$1,000..	315 391	66 904	22 955	23 575	65 686	13 044	–	–	13 044
Farms with expenses of—									
$1 to $4,999	32 337	11 801	762	1 541	2 160	4 689	–	–	4 689
$5,000 to $24,999	6 142	2 438	258	530	346	360	–	–	360
$25,000 to $49,999	1 164	325	53	82	100	50	–	–	50
$50,000 to $99,999	694	127	45	61	95	29	–	–	29
$100,000 or more	411	44	61	31	86	7	–	–	7

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
FARM PRODUCTION EXPENSES[1] —Con.							
Total farm production expenses—Con.							
Electricity ..... farms..	3 189	1 418	3 144	906	293	543	2 532
$1,000..	2 352	1 388	14 988	3 228	1 991	201	1 673
Farms with expenses of—							
$1 to $999	2 724	1 166	387	452	189	507	2 112
$1,000 to $4,999	428	219	1 828	281	46	35	400
$5,000 to $24,999	34	27	887	157	42	1	20
$25,000 to $49,999	2	5	35	6	7	–	–
$50,000 or more	1	1	7	10	9	–	–
Hired farm labor ..... farms..	1 126	560	2 020	385	113	129	941
$1,000..	5 846	6 644	65 313	11 668	12 232	68	4 487
Farms with expenses of—							
$1 to $4,999	1 009	444	627	194	49	128	850
$5,000 to $24,999	85	75	666	75	20	1	42
$25,000 to $99,999	26	30	615	93	22	–	37
$100,000 to $249,999	5	7	84	18	11	–	11
$250,000 or more	1	4	28	5	11	–	1
Workers by days worked:							
150 days or more ..... farms..	313	185	1 506	214	72	15	344
workers..	512	350	4 291	573	544	15	552
Less than 150 days ..... farms..	1 060	479	1 437	332	103	129	874
workers..	2 490	1 348	4 691	1 134	598	262	2 253
Contract labor ..... farms..	231	108	370	75	47	108	315
$1,000..	287	220	3 289	1 498	1 332	60	493
Farms with expenses of—							
$1 to $999	160	84	124	13	29	87	182
$1,000 to $4,999	58	15	132	35	8	21	120
$5,000 to $24,999	13	8	91	19	1	–	13
$25,000 to $49,999	–	–	11	1	3	–	–
$50,000 or more	–	1	12	7	6	–	–
Repair and maintenance ..... farms..	3 774	1 619	3 088	991	277	523	3 070
$1,000..	8 957	7 359	41 584	7 507	2 740	619	5 657
Farms with expenses of—							
$1 to $4,999	3 352	1 360	1 021	675	200	504	2 792
$5,000 to $24,999	401	220	1 605	247	51	19	276
$25,000 to $49,999	15	19	351	50	15	–	1
$50,000 or more	6	20	111	19	11	–	1
Customwork, machine hire, and rental of machinery and equipment..... farms..	1 097	536	1 573	362	70	158	551
$1,000..	1 467	1 211	9 021	2 533	552	129	433
Farms with expenses of—							
$1 to $999	814	361	408	143	29	124	423
$1,000 to $4,999	241	137	746	147	22	33	126
$5,000 to $24,999	37	31	371	61	13	1	2
$25,000 to $49,999	3	4	32	4	4	–	–
$50,000 or more	2	3	16	7	2	–	–
Interest ..... farms..	1 462	638	2 391	629	140	213	1 125
$1,000..	5 461	6 092	39 659	10 041	3 384	800	4 746
Farms with expenses of—							
$1 to $4,999	1 175	392	818	295	80	171	789
$5,000 to $24,999	261	204	1 127	234	24	41	328
$25,000 to $99,999	24	32	412	82	30	1	6
$100,000 or more	2	10	34	18	6	–	2
Secured by real estate ..... farms..	1 090	457	1 809	479	108	181	866
$1,000..	3 823	3 139	24 846	6 616	2 220	725	3 523
Farms with expenses of—							
$1 to $999	233	67	123	49	12	39	132
$1,000 to $4,999	666	265	487	175	48	108	462
$5,000 to $24,999	181	100	943	189	22	33	270
$25,000 to $49,999	6	17	197	43	15	1	2
$50,000 or more	4	8	59	23	11	–	–
Not secured by real estate ..... farms..	714	356	1 626	374	74	67	454
$1,000..	1 638	2 954	14 812	3 424	1 164	75	1 223
Farms with expenses of—							
$1 to $999	370	113	294	104	20	35	182
$1,000 to $4,999	266	131	598	146	23	31	245
$5,000 to $24,999	71	88	595	92	21	1	24
$25,000 to $49,999	6	14	109	21	4	–	1
$50,000 or more	1	10	30	11	6	–	2
Cash rent ..... farms..	1 025	495	2 065	370	34	103	262
$1,000..	2 523	3 491	19 255	5 411	1 556	84	772
Farms with expenses of—							
$1 to $4,999	910	396	1 221	227	16	101	233
$5,000 to $9,999	73	53	328	33	3	1	17
$10,000 to $24,999	28	15	353	52	6	1	2
$25,000 or more	14	31	163	58	9	–	10
Property taxes ..... farms..	4 447	1 806	3 057	1 102	386	723	3 985
$1,000..	7 496	4 197	13 969	3 304	1 204	1 078	6 260
Farms with expenses of—							
$1 to $4,999	4 248	1 676	2 150	951	334	706	3 836
$5,000 to $9,999	160	90	633	89	26	16	123
$10,000 to $24,999	34	25	248	51	20	1	25
$25,000 or more	5	15	26	11	6	–	1
All other farm production expenses..... farms..	4 097	1 764	3 185	1 064	347	638	3 572
$1,000..	9 823	9 257	74 730	12 877	9 546	605	6 388
Farms with expenses of—							
$1 to $4,999	3 756	1 570	1 069	689	265	626	3 409
$5,000 to $24,999	281	143	1 328	252	43	11	152
$25,000 to $49,999	43	22	408	58	17	–	6
$50,000 to $99,999	12	17	258	40	7	1	2
$100,000 or more	5	12	122	25	15	–	3

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]									
All farms ..... number..	46 040	16 639	1 331	2 500	3 077	6 323	–	–	6 323
$1,000..	686 891	169 346	65 690	59 197	152 725	32 453	–	–	32 453
Average per farm ..... dollars..	14 919	10 178	49 354	23 679	49 634	5 133	–	–	5 133
Farms with net gains[2] ..... number..	21 612	7 986	943	1 574	1 902	2 925	–	–	2 925
Average net gain ..... dollars..	40 859	29 207	76 307	43 187	85 399	16 701	–	–	16 701
Gain of—									
Less than $1,000	2 498	800	54	90	207	534	–	–	534
$1,000 to $9,999	8 196	3 147	332	468	549	1 562	–	–	1 562
$10,000 to $49,999	6 919	2 748	346	665	655	631	–	–	631
$50,000 or more	3 999	1 291	211	351	491	198	–	–	198
Farms with net losses ..... number..	24 428	8 653	388	926	1 175	3 398	–	–	3 398
Average net loss ..... dollars..	8 029	7 385	16 154	9 480	8 259	4 825	–	–	4 825
Loss of—									
Less than $1,000	3 584	1 304	75	141	280	702	–	–	702
$1,000 to $9,999	16 745	5 818	248	634	747	2 359	–	–	2 359
$10,000 to $49,999	3 750	1 389	52	130	127	322	–	–	322
$50,000 or more	349	142	13	21	21	15	–	–	15
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments ..... farms..	18 851	10 849	388	462	339	2 026	–	–	2 026
$1,000..	92 806	58 406	2 496	1 559	1 132	5 610	–	–	5 610
Other farm-related income[1] ..... farms..	11 609	4 123	250	810	500	1 633	–	–	1 633
$1,000..	61 699	24 341	2 035	7 700	2 902	5 584	–	–	5 584
Customwork and other agricultural services ..... farms..	3 312	1 504	68	143	63	518	–	–	518
$1,000..	22 647	10 303	615	3 817	550	1 885	–	–	1 885
Gross cash rent or share payments ..... farms..	4 372	1 386	96	262	241	805	–	–	805
$1,000..	19 279	8 453	793	945	510	2 043	–	–	2 043
Forest products, excluding Christmas trees and maple products ..... farms..	1 494	514	16	116	143	255	–	–	255
$1,000..	10 013	2 944	71	1 209	1 526	1 066	–	–	1 066
Other farm-related income sources ..... farms..	4 791	1 669	108	471	132	398	–	–	398
$1,000..	9 761	2 641	556	1 729	315	590	–	–	590
COMMODITY CREDIT CORPORATION LOANS									
Total ..... farms..	1 587	1 042	23	4	1	69	–	–	69
$1,000..	51 618	40 034	643	8	(D)	1 177	–	–	1 177
Corn ..... farms..	1 322	839	17	3	–	50	–	–	50
$1,000..	33 325	24 080	535	(D)	–	810	–	–	810
Wheat ..... farms..	377	271	10	1	1	16	–	–	16
$1,000..	2 101	1 741	17	(D)	(D)	75	–	–	75
Soybeans ..... farms..	489	405	2	–	–	16	–	–	16
$1,000..	16 104	14 174	(D)	–	–	283	–	–	283
Sorghum, barley, and oats ..... farms..	60	20	1	–	–	9	–	–	9
$1,000..	(D)	(D)	(D)	–	–	8	–	–	8
Cotton ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	1	1	–	–	–	–	–	–	–
$1,000..	(D)	(D)	–	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE									
Total cropland ..... farms..	43 017	15 879	1 425	2 668	3 054	6 171	–	–	6 171
acres..	7 891 802	4 239 925	281 374	234 107	144 768	735 756	–	–	735 756
Harvested cropland ..... farms..	37 941	13 724	1 422	2 668	3 054	6 160	–	–	6 160
acres..	6 724 480	3 820 539	239 970	183 768	102 071	596 395	–	–	596 395
Farms by acres harvested:									
1 to 49 acres	17 921	3 653	857	1 854	2 666	3 685	–	–	3 685
50 to 99 acres	6 342	2 783	167	350	183	1 211	–	–	1 211
100 to 199 acres	5 247	2 629	138	266	108	670	–	–	670
200 to 499 acres	4 915	2 496	143	150	66	384	–	–	384
500 to 999 acres	2 289	1 304	60	37	21	131	–	–	131
1,000 to 1,999 acres	950	664	40	9	8	59	–	–	59
2,000 acres or more	277	195	17	2	2	20	–	–	20
Cropland:									
Pasture or grazing only ..... farms..	14 850	2 608	187	285	256	2 136	–	–	2 136
acres..	481 259	79 950	4 660	6 653	5 909	52 606	–	–	52 606
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	5 423	2 389	261	430	256	776	–	–	776
acres..	197 004	113 794	12 610	9 872	6 591	19 870	–	–	19 870
On which all crops failed ..... farms..	1 772	642	133	79	91	284	–	–	284
acres..	39 640	16 590	2 849	2 065	1 410	5 385	–	–	5 385
In cultivated summer fallow ..... farms..	2 749	995	154	145	117	483	–	–	483
acres..	73 243	29 577	5 170	2 674	5 422	9 898	–	–	9 898
Idle ..... farms..	10 334	3 798	469	1 028	861	1 564	–	–	1 564
acres..	376 176	179 475	16 115	29 075	23 365	51 602	–	–	51 602
Total woodland ..... farms..	24 314	8 413	661	1 452	1 219	3 631	–	–	3 631
acres..	1 142 688	366 726	35 942	63 888	58 332	175 397	–	–	175 397
Woodland pastured ..... farms..	4 658	958	81	134	115	603	–	–	603
acres..	151 171	30 551	2 977	3 313	3 663	19 188	–	–	19 188
Woodland not pastured ..... farms..	22 014	7 909	620	1 384	1 159	3 323	–	–	3 323
acres..	991 517	336 175	32 965	60 575	54 669	156 209	–	–	156 209

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]							
All farms ..... number..	4 647	1 889	3 185	1 139	403	747	4 160
$1,000..	–2 075	7 848	167 276	39 504	11 538	–2 004	–14 607
Average per farm ..... dollars..	–446	4 154	52 520	34 683	28 631	–2 683	–3 511
Farms with net gains[2] ..... number..	1 460	640	2 721	634	114	129	584
Average net gain ..... dollars..	12 804	31 465	65 457	69 658	207 424	6 697	22 191
Gain of—							
Less than $1,000	352	150	58	49	21	56	127
$1,000 to $9,999	799	315	454	200	35	47	288
$10,000 to $49,999	234	120	1 169	186	18	24	123
$50,000 or more	75	55	1 040	199	40	2	46
Farms with net losses ..... number..	3 187	1 249	464	505	289	618	3 576
Average net loss ..... dollars..	6 517	9 840	23 348	9 227	41 897	4 641	7 709
Loss of—							
Less than $1,000	438	165	35	59	42	62	281
$1,000 to $9,999	2 366	822	163	328	199	507	2 554
$10,000 to $49,999	376	240	224	103	28	48	711
$50,000 or more	7	22	42	15	20	1	30
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	1 122	578	1 902	474	100	130	481
$1,000..	2 629	3 125	12 136	3 720	730	336	928
Other farm-related income[1] ..... farms..	1 039	597	1 409	341	86	104	717
$1,000..	3 905	3 320	5 548	2 282	411	548	3 123
Customwork and other agricultural services ..... farms..	334	140	241	82	17	22	180
$1,000..	1 218	931	1 467	752	121	39	949
Gross cash rent or share payments ..... farms..	427	317	117	168	54	61	438
$1,000..	1 444	1 540	645	977	175	369	1 385
Forest products, excluding Christmas trees and maple products ..... farms..	177	88	96	38	12	5	34
$1,000..	940	704	1 065	249	27	50	161
Other farm-related income sources ..... farms..	283	191	1 206	133	24	16	160
$1,000..	302	145	2 371	304	89	91	627
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	42	45	285	67	5	1	3
$1,000..	401	1 064	4 951	2 798	402	(D)	(D)
Corn ..... farms..	37	37	270	61	5	1	2
$1,000..	362	909	4 263	2 064	229	(D)	(D)
Wheat ..... farms..	15	5	47	10	1	–	–
$1,000..	37	3	134	92	(D)	–	–
Soybeans ..... farms..	3	8	36	16	1	–	2
$1,000..	(D)	(D)	515	641	(D)	–	(D)
Sorghum, barley, and oats ..... farms..	6	2	21	–	1	–	–
$1,000..	(D)	(D)	39	–	(D)	–	–
Cotton ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms..	4 236	1 612	3 107	946	289	552	3 078
acres..	471 533	246 381	1 162 663	213 974	26 316	29 551	105 454
Harvested cropland ..... farms..	3 536	1 395	3 047	818	171	370	1 576
acres..	287 379	202 021	1 030 003	188 059	20 148	12 359	41 768
Farms by acres harvested:							
1 to 49 acres	2 059	744	246	336	123	322	1 376
50 to 99 acres	733	263	336	132	11	27	146
100 to 199 acres	423	194	650	105	13	15	36
200 to 499 acres	247	104	1 168	126	14	3	14
500 to 999 acres	55	53	536	81	6	2	3
1,000 to 1,999 acres	16	22	96	31	3	1	1
2,000 acres or more	3	15	15	7	1	–	–
Cropland:							
Pasture or grazing only ..... farms..	3 121	1 040	1 901	383	135	441	2 357
acres..	141 046	29 712	91 914	14 976	2 227	10 781	40 825
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	422	179	283	105	31	45	246
acres..	10 153	3 718	9 874	2 402	1 117	2 125	4 878
On which all crops failed ..... farms..	164	55	155	52	13	18	86
acres..	2 473	915	4 797	1 295	118	196	1 547
In cultivated summer fallow ..... farms..	285	124	268	65	17	26	70
acres..	5 893	2 401	8 755	1 333	130	309	1 681
Idle ..... farms..	778	294	457	204	93	133	655
acres..	24 589	7 614	17 320	5 909	2 576	3 781	14 755
Total woodland ..... farms..	2 829	1 007	2 088	580	186	343	1 905
acres..	152 522	49 046	138 573	25 471	5 470	9 737	61 584
Woodland pastured ..... farms..	1 249	314	479	120	37	82	486
acres..	49 351	11 176	18 418	2 782	267	1 236	8 249
Woodland not pastured ..... farms..	2 238	857	1 912	519	172	300	1 621
acres..	103 171	37 870	120 155	22 689	5 203	8 501	53 335

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
LAND IN FARMS ACCORDING TO USE—Con.									
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	5 876	1 196	90	171	158	690	–	–	690
acres..	187 975	36 121	2 541	5 130	7 285	23 151	–	–	23 151
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	32 389	10 793	1 022	2 054	2 031	4 437	–	–	4 437
acres..	650 347	252 102	24 550	44 738	31 396	83 307	–	–	83 307
Irrigated land ..... farms..	3 752	664	575	709	1 228	193	–	–	193
acres..	393 485	186 811	103 536	25 712	24 084	14 209	–	–	14 209
Harvested cropland irrigated ..... farms..	3 669	652	570	706	1 222	185	–	–	185
acres..	390 636	186 546	102 829	25 592	23 708	13 910	–	–	13 910
Pasture and other land irrigated ..... farms..	161	17	13	14	43	11	–	–	11
acres..	2 849	265	707	120	376	299	–	–	299
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	5 251	3 583	70	116	87	532	–	–	532
acres..	287 081	215 315	2 977	4 684	3 152	21 359	–	–	21 359
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings ..... farms..	46 040	16 639	1 331	2 500	3 077	6 323	–	–	6 323
$1,000..	16 489 949	7 546 901	611 798	905 293	874 027	1 658 467	–	–	1 658 467
Average per farm ..... dollars..	358 166	453 567	459 653	362 117	284 052	262 291	–	–	262 291
Average per acre ..... dollars..	1 671	1 514	1 818	2 645	3 589	1 624	–	–	1 624
Farms by value group:									
$1 to $39,999	2 925	770	102	167	281	295	–	–	295
$40,000 to $69,999	3 781	1 112	116	181	387	665	–	–	665
$70,000 to $99,999	4 603	1 380	71	180	366	783	–	–	783
$100,000 to $149,999	7 553	2 438	264	354	491	1 280	–	–	1 280
$150,000 to $199,999	5 941	2 086	99	329	405	973	–	–	973
$200,000 to $499,999	13 173	5 001	376	780	764	1 680	–	–	1 680
$500,000 to $999,999	4 701	2 073	165	327	253	426	–	–	426
$1,000,000 to $1,999,999	2 280	1 140	76	133	95	143	–	–	143
$2,000,000 to $4,999,999	921	547	51	42	23	66	–	–	66
$5,000,000 or more	162	92	11	7	12	12	–	–	12
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment ..... farms..	46 039	16 639	1 331	2 500	3 077	6 322	–	–	6 322
$1,000..	3 055 199	1 314 053	150 401	179 919	180 153	271 012	–	–	271 012
Farms by value group:									
$1 to $4,999	3 530	971	84	200	310	428	–	–	428
$5,000 to $9,999	5 476	1 583	137	193	509	946	–	–	946
$10,000 to $19,999	8 759	2 903	236	445	640	1 474	–	–	1 474
$20,000 to $49,999	12 691	4 226	309	604	821	2 080	–	–	2 080
$50,000 to $99,999	7 258	3 193	186	520	409	795	–	–	795
$100,000 to $199,999	4 553	1 907	200	347	246	392	–	–	392
$200,000 to $499,999	3 116	1 552	122	158	103	159	–	–	159
$500,000 or more	656	304	57	33	39	48	–	–	48
SELECTED MACHINERY AND EQUIPMENT[1]									
Motortrucks, including pickups ..... farms..	39 295	14 492	1 169	2 139	2 529	5 088	–	–	5 088
number..	76 320	30 160	3 545	4 866	5 699	8 255	–	–	8 255
Wheel tractors ..... farms..	42 549	15 726	1 235	2 319	2 733	6 011	–	–	6 011
number..	115 020	46 919	4 095	6 461	5 970	14 627	–	–	14 627
Less than 40 horsepower (PTO) ..... farms..	24 842	8 541	820	1 519	2 035	3 513	–	–	3 513
number..	38 792	13 202	1 733	2 918	3 171	5 560	–	–	5 560
40 horsepower (PTO) or more ..... farms..	33 633	13 801	895	1 661	1 501	4 708	–	–	4 708
number..	76 228	33 717	2 362	3 543	2 799	9 067	–	–	9 067
40 to 99 horsepower (PTO) ..... farms..	30 648	12 093	787	1 615	1 391	4 405	–	–	4 405
number..	52 624	20 629	1 626	3 319	2 324	6 969	–	–	6 969
100 horsepower (PTO) or more ..... farms..	13 905	7 682	361	171	344	1 360	–	–	1 360
number..	23 604	13 088	736	224	475	2 098	–	–	2 098
Grain and bean combines ..... farms..	14 570	9 113	223	149	47	1 524	–	–	1 524
number..	17 075	10 948	271	168	48	1 761	–	–	1 761
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	17 162	4 171	253	483	333	3 859	–	–	3 859
number..	18 578	4 434	277	568	394	4 193	–	–	4 193
Pickup balers ..... farms..	16 864	4 460	198	205	131	3 884	–	–	3 884
number..	20 995	5 150	238	223	145	4 773	–	–	4 773
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer ..... farms..	29 377	13 024	1 200	1 979	1 535	3 725	–	–	3 725
acres on which used..	5 612 394	3 467 690	227 652	159 277	46 785	394 251	–	–	394 251
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ..... farms..	9 816	3 187	881	1 939	1 174	754	–	–	754
acres on which used..	1 252 567	581 298	129 078	142 792	37 247	79 019	–	–	79 019
Nematodes in crops ..... farms..	1 010	386	91	167	96	73	–	–	73
acres on which used..	122 416	56 641	24 164	5 709	1 760	4 847	–	–	4 847
Diseases in crops and orchards ..... farms..	4 101	667	580	1 712	690	245	–	–	245
acres on which used..	369 437	95 804	87 358	131 616	20 819	19 200	–	–	19 200
Weeds, grass, or brush in crops and pasture ..... farms..	20 327	10 715	780	1 523	964	1 647	–	–	1 647
acres on which used..	4 321 549	2 967 159	161 059	119 685	36 042	239 336	–	–	239 336
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	1 391	321	87	679	108	79	–	–	79
acres on which used..	129 348	50 963	21 814	43 742	722	3 497	–	–	3 497

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	1 083	328	551	173	65	178	1 193
acres..	48 528	9 890	23 117	5 150	1 041	3 683	22 338
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	3 342	1 295	2 323	894	337	506	3 355
acres..	56 840	20 842	72 088	17 021	5 748	5 713	36 002
Irrigated land ..... farms..	67	39	134	54	32	9	48
acres..	2 666	4 691	17 477	10 187	3 198	(D)	(D)
Harvested cropland irrigated ..... farms..	52	37	130	51	27	6	31
acres..	2 265	4 653	17 027	10 165	3 160	(D)	(D)
Pasture and other land irrigated ..... farms..	18	4	9	3	5	3	21
acres..	401	38	450	22	38	4	129
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	258	116	146	77	34	50	182
acres..	10 761	5 516	6 989	2 812	1 564	3 927	8 025
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings ..... farms..	4 647	1 889	3 185	1 139	403	747	4 160
$1,000..	1 043 497	547 001	1 837 511	451 309	116 848	132 934	764 363
Average per farm ..... dollars..	224 553	289 572	576 927	396 233	289 946	177 957	183 741
Average per acre ..... dollars..	1 483	1 646	1 342	1 854	3 377	2 568	3 743
Farms by value group:							
$1 to $39,999	389	156	47	127	80	69	442
$40,000 to $69,999	474	109	63	117	34	66	457
$70,000 to $99,999	704	240	93	78	63	124	521
$100,000 to $149,999	889	368	254	160	58	154	843
$150,000 to $199,999	593	231	282	141	41	106	655
$200,000 to $499,999	1 223	585	1 202	292	73	194	1 003
$500,000 to $999,999	254	119	749	104	26	30	175
$1,000,000 to $1,999,999	77	54	398	91	19	1	53
$2,000,000 to $4,999,999	41	22	85	24	7	3	10
$5,000,000 or more	3	5	12	5	2	–	1
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms..	4 647	1 889	3 185	1 139	403	747	4 160
$1,000..	175 637	94 085	452 515	83 974	29 582	15 501	108 367
Farms by value group:							
$1 to $4,999	426	235	65	86	60	129	536
$5,000 to $9,999	613	297	76	114	78	138	792
$10,000 to $19,999	1 043	341	213	202	76	225	961
$20,000 to $49,999	1 664	540	533	362	117	180	1 255
$50,000 to $99,999	553	245	704	134	24	57	438
$100,000 to $199,999	249	139	782	108	17	17	149
$200,000 to $499,999	77	76	710	110	19	1	29
$500,000 or more	22	16	102	23	12	–	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms..	3 862	1 593	2 922	1 034	372	601	3 494
number..	5 955	2 601	6 525	2 061	712	832	5 109
Wheel tractors ..... farms..	4 329	1 770	2 950	1 027	305	694	3 450
number..	10 365	4 560	11 771	2 678	650	1 234	5 690
Less than 40 horsepower (PTO) ..... farms..	2 624	1 027	1 363	499	197	430	2 274
number..	4 098	1 492	2 053	748	268	591	2 958
40 horsepower (PTO) or more ..... farms..	3 443	1 413	2 749	885	213	430	1 934
number..	6 267	3 068	9 718	1 930	382	643	2 732
40 to 99 horsepower (PTO) ..... farms..	3 263	1 355	2 592	771	193	400	1 783
number..	5 191	2 281	5 873	1 217	265	582	2 348
100 horsepower (PTO) or more ..... farms..	824	479	1 823	398	70	57	336
number..	1 076	787	3 845	713	117	61	384
Grain and bean combines ..... farms..	840	559	1 523	369	50	69	104
number..	908	636	1 662	425	54	78	116
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	2 751	1 115	2 639	250	115	277	916
number..	2 940	1 159	2 978	263	116	293	963
Pickup balers ..... farms..	2 818	1 093	2 531	388	99	267	790
number..	3 758	1 319	3 576	468	124	336	885
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms..	2 318	1 192	2 799	564	104	191	746
acres on which used..	164 091	179 214	778 090	151 825	16 379	8 639	18 501
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms..	327	254	993	222	21	9	55
acres on which used..	26 926	38 865	165 888	44 000	5 675	(D)	(D)
Nematodes in crops ..... farms..	20	8	123	35	3	1	7
acres on which used..	2 761	357	19 727	4 909	800	(D)	(D)
Diseases in crops and orchards ..... farms..	53	22	83	19	4	14	12
acres on which used..	2 296	1 916	8 645	1 446	297	15	25
Weeds, grass, or brush in crops and pasture ..... farms..	934	751	2 215	452	53	101	192
acres on which used..	69 560	121 688	459 734	120 394	13 911	5 914	7 067
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	28	24	55	3	1	–	6
acres on which used..	1 049	1 219	6 066	195	(D)	–	(D)

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
TENURE AND RACE OF OPERATOR									
All operators	46 027	16 307	1 428	2 668	3 054	6 191	–	–	6 191
Full owners	27 933	8 437	814	2 071	2 480	4 126	–	–	4 126
Part owners	15 497	6 621	515	490	375	1 833	–	–	1 833
Tenants	2 597	1 249	99	107	199	232	–	–	232
White	45 708	16 250	1 413	2 620	3 025	6 153	–	–	6 153
Full owners	27 694	8 398	804	2 026	2 458	4 099	–	–	4 099
Part owners	15 427	6 605	510	488	368	1 825	–	–	1 825
Tenants	2 587	1 247	99	106	199	229	–	–	229
Black and other races	319	57	15	48	29	38	–	–	38
Full owners	239	39	10	45	22	27	–	–	27
Part owners	70	16	5	2	7	8	–	–	8
Tenants	10	2	–	1	–	3	–	–	3
OWNED AND RENTED LAND									
Land owned ... farms	43 517	15 100	1 334	2 569	2 856	5 969	–	–	5 969
acres	6 511 133	2 803 244	221 035	296 176	218 630	774 014	–	–	774 014
Owned land in farms ... farms	43 430	15 058	1 329	2 561	2 855	5 959	–	–	5 959
acres	6 054 109	2 610 274	206 793	275 841	200 894	718 253	–	–	718 253
Land rented or leased from others ... farms	18 234	7 922	618	601	579	2 072	–	–	2 072
acres	3 852 924	2 298 795	139 426	75 012	41 713	303 316	–	–	303 316
landlords	66 298	35 424	2 342	1 515	1 246	6 141	–	–	6 141
Rented or leased land in farms ... farms	18 094	7 870	614	597	574	2 065	–	–	2 065
acres	3 818 703	2 284 600	137 614	72 022	40 887	299 358	–	–	299 358
Land rented or leased to others ... farms	6 290	2 158	228	440	379	949	–	–	949
acres	491 245	207 165	16 054	23 325	18 562	59 719	–	–	59 719
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	37 077	12 513	1 117	2 012	2 080	5 095	–	–	5 095
Not on farm operated	6 043	2 568	212	543	841	710	–	–	710
Not reported	2 907	1 226	99	113	133	386	–	–	386
Operators by principal occupation:									
Farming	22 043	8 100	858	1 498	1 277	2 371	–	–	2 371
Other	23 984	8 207	570	1 170	1 777	3 820	–	–	3 820
Operators by days worked off farm:									
None	17 964	6 605	629	1 178	1 248	2 080	–	–	2 080
Any	25 906	8 830	717	1 386	1 690	3 822	–	–	3 822
1 to 99 days	3 489	1 247	132	244	286	471	–	–	471
100 to 199 days	3 849	1 180	152	259	313	574	–	–	574
200 days or more	18 568	6 403	433	883	1 091	2 777	–	–	2 777
Not reported	2 157	872	82	104	116	289	–	–	289
Operators by years on present farm:									
2 years or less	1 810	584	82	82	110	221	–	–	221
3 or 4 years	2 532	686	80	136	189	340	–	–	340
5 to 9 years	5 715	1 485	172	336	494	750	–	–	750
10 years or more	28 751	10 564	894	1 833	1 910	3 899	–	–	3 899
Average years on present farm	21.6	24.7	20.5	21.6	17.7	22.5	–	–	22.5
Not reported	7 219	2 988	200	281	351	981	–	–	981
Operators by age group:									
Under 25 years	459	220	17	13	14	49	–	–	49
25 to 34 years	3 114	1 170	115	101	150	345	–	–	345
35 to 44 years	9 770	3 046	315	527	694	1 142	–	–	1 142
45 to 49 years	5 906	1 751	172	362	470	749	–	–	749
50 to 54 years	5 978	1 969	181	315	399	802	–	–	802
55 to 59 years	5 598	1 905	194	322	386	777	–	–	777
60 to 64 years	4 812	1 852	146	288	346	617	–	–	617
65 to 69 years	3 901	1 565	112	252	244	613	–	–	613
70 years and over	6 489	2 829	176	488	351	1 097	–	–	1 097
Average age	53.3	54.5	52.4	55.5	53.0	55.2	–	–	55.2
Operators by sex:									
Male	42 094	15 493	1 330	2 428	2 707	5 752	–	–	5 752
Female	3 933	814	98	240	347	439	–	–	439
Operators of Spanish, Hispanic, or Latino origin (see text)	280	69	17	38	26	37	–	–	37
FARMS BY TYPE OF ORGANIZATION									
Individual or family (sole proprietorship) ... farms	40 190	14 482	1 179	2 182	2 292	5 719	–	–	5 719
acres	7 205 435	3 725 042	189 683	208 819	156 491	812 262	–	–	812 262
Partnership ... farms	3 778	1 349	132	273	255	313	–	–	313
acres	1 717 866	793 902	70 017	59 682	28 875	105 714	–	–	105 714
Corporation:									
Family held ... farms	1 662	358	102	176	438	122	–	–	122
acres	842 331	337 843	83 094	71 981	38 710	92 916	–	–	92 916
More than 10 stockholders ... farms	30	4	2	6	3	1	–	–	1
10 or less stockholders ... farms	1 632	354	100	170	435	121	–	–	121
Other than family held ... farms	172	32	10	17	52	7	–	–	7
acres	41 864	13 599	982	4 329	14 156	2 254	–	–	2 254
More than 10 stockholders ... farms	17	4	–	2	1	–	–	–	–
10 or less stockholders ... farms	155	28	10	15	51	7	–	–	7
Other—cooperative, estate or trust, institutional, etc. ... farms	225	86	5	20	17	30	–	–	30
acres	65 316	24 488	631	3 052	3 549	4 465	–	–	4 465

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
TENURE AND RACE OF OPERATOR							
All operators	4 765	1 791	3 177	1 178	400	681	4 387
Full owners	3 018	1 013	777	656	314	538	3 689
Part owners	1 579	695	2 217	462	69	126	515
Tenants	168	83	183	60	17	17	183
White	4 727	1 786	3 171	1 167	393	665	4 338
Full owners	2 991	1 009	777	649	307	526	3 650
Part owners	1 568	694	2 212	458	69	122	508
Tenants	168	83	182	60	17	17	180
Black and other races	38	5	6	11	7	16	49
Full owners	27	4	–	7	7	12	39
Part owners	11	1	5	4	–	4	7
Tenants	–	–	1	–	–	–	3
OWNED AND RENTED LAND							
Land owned farms	4 605	1 710	2 996	1 120	383	664	4 211
acres	589 934	246 639	880 354	168 390	31 391	50 696	230 630
Owned land in farms farms	4 597	1 708	2 994	1 118	383	664	4 204
acres	542 339	218 507	865 737	154 430	25 779	41 508	193 754
Land rented or leased from others farms	1 769	792	2 412	524	88	144	713
acres	191 008	109 186	533 753	107 589	13 038	7 616	32 472
landlords	4 592	2 124	9 091	1 893	251	286	1 393
Rented or leased land in farms farms	1 747	778	2 400	522	86	143	698
acres	187 084	107 652	530 704	107 186	12 796	7 176	31 624
Land rented or leased to others farms	715	332	151	204	72	144	518
acres	51 519	29 666	17 666	14 363	5 854	9 628	37 724
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	4 086	1 619	2 812	1 005	336	625	3 777
Not on farm operated	392	121	165	88	38	26	339
Not reported	287	51	200	85	26	30	271
Operators by principal occupation:							
Farming	1 875	733	2 986	656	161	217	1 311
Other	2 890	1 058	191	522	239	464	3 076
Operators by days worked off farm:							
None	1 433	533	2 362	449	129	186	1 132
Any	3 123	1 203	613	673	255	473	3 121
1 to 99 days	304	96	245	91	34	42	297
100 to 199 days	435	150	119	109	41	56	461
200 days or more	2 384	957	249	473	180	375	2 363
Not reported	209	55	202	56	16	22	134
Operators by years on present farm:							
2 years or less	206	67	105	44	28	13	268
3 or 4 years	286	118	132	72	49	45	399
5 to 9 years	651	227	317	168	75	144	896
10 years or more	2 834	1 168	2 150	686	193	406	2 214
Average years on present farm	20.9	20.6	23.5	18.4	15.1	17.4	14.3
Not reported	788	211	473	208	55	73	610
Operators by age group:							
Under 25 years	46	19	29	22	3	6	21
25 to 34 years	302	139	275	141	32	39	305
35 to 44 years	1 012	438	853	338	132	170	1 103
45 to 49 years	566	260	459	180	61	110	766
50 to 54 years	650	235	420	144	57	116	690
55 to 59 years	588	203	381	124	48	77	593
60 to 64 years	549	174	295	83	24	55	383
65 to 69 years	440	129	182	65	11	41	247
70 years and over	612	194	283	81	32	67	279
Average age	53.4	51.3	50.2	48.2	48.8	51.3	50.4
Operators by sex:							
Male	4 436	1 693	3 064	1 109	342	528	3 212
Female	329	98	113	69	58	153	1 175
Operators of Spanish, Hispanic, or Latino origin (see text)	22	7	16	7	3	6	32
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms	4 431	1 647	2 371	999	326	648	3 914
acres	610 527	227 585	845 713	178 123	23 903	42 447	184 840
Partnership farms	268	105	676	125	40	25	217
acres	83 293	55 410	441 843	54 129	6 610	5 693	12 698
Corporation:							
Family held farms	49	29	117	45	26	7	193
acres	24 845	42 300	96 408	28 226	(D)	(D)	19 375
More than 10 stockholders farms	2	1	–	4	4	–	3
10 or less stockholders farms	47	28	117	41	22	7	190
Other than family held farms	4	1	1	7	6	–	35
acres	835	(D)	(D)	(D)	(D)	–	3 324
More than 10 stockholders farms	–	–	–	3	2	–	5
10 or less stockholders farms	4	1	1	4	4	–	30
Other—cooperative, estate or trust, institutional, etc. farms	13	9	12	2	2	1	28
acres	9 923	(D)	(D)	(D)	(D)	(D)	5 141

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
INJURIES AND DEATHS									
Farm-related injuries:									
Operator and family members ..... farms..	448	123	6	15	14	51	–	–	51
number..	503	135	8	17	18	57	–	–	57
Hired workers ..... farms..	364	32	28	75	66	14	–	–	14
number..	554	41	49	112	132	18	–	–	18
Farm-related deaths:									
Operator and family members ..... farms..	7	2	2	–	–	1	–	–	1
number..	7	(D)	(D)	–	–	(D)	–	–	(D)
Hired workers ..... farms..	4	2	–	1	–	–	–	–	–
number..	4	(D)	–	(D)	–	–	–	–	–
FARMS BY SIZE									
1 to 9 acres	2 611	114	114	197	704	70	–	–	70
10 to 49 acres	12 075	2 489	448	956	1 275	1 724	–	–	1 724
50 to 69 acres	3 563	1 268	115	244	212	593	–	–	593
70 to 99 acres	5 801	2 337	153	344	284	986	–	–	986
100 to 139 acres	4 572	1 936	131	237	157	790	–	–	790
140 to 179 acres	3 503	1 551	83	178	120	583	–	–	583
180 to 219 acres	2 401	1 062	48	129	68	331	–	–	331
220 to 259 acres	1 683	739	39	90	58	215	–	–	215
260 to 499 acres	4 905	2 207	127	183	104	537	–	–	537
500 to 999 acres	3 201	1 564	86	87	54	242	–	–	242
1,000 to 1,999 acres	1 338	798	59	17	13	92	–	–	92
2,000 acres or more	374	242	25	6	5	28	–	–	28
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM									
Oilseed and grain farming (1111)	16 307	16 307	–	–	–	–	–	–	–
Vegetable and melon farming (1112)	1 428	–	1 428	–	–	–	–	–	–
Fruit and tree nut farming (1113)	2 668	–	–	2 668	–	–	–	–	–
Greenhouse, nursery, and floriculture production (1114)	3 054	–	–	–	3 054	–	–	–	–
Other crop farming (1119)	6 191	–	–	–	–	6 191	–	–	6 191
Tobacco farming (11191)	–	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	6 191	–	–	–	–	6 191	–	–	6 191
Beef cattle ranching and farming (112111)	4 765	–	–	–	–	–	–	–	–
Cattle feedlots (112112)	1 791	–	–	–	–	–	–	–	–
Dairy cattle and milk production (11212)	3 177	–	–	–	–	–	–	–	–
Hog and pig farming (1122)	1 178	–	–	–	–	–	–	–	–
Poultry and egg production (1123)	400	–	–	–	–	–	–	–	–
Sheep and goat farming (1124)	681	–	–	–	–	–	–	–	–
Animal aquaculture and other animal production (1125, 1129)	4 387	–	–	–	–	–	–	–	–
LIVESTOCK									
Cattle and calves inventory ..... farms..	15 468	2 841	133	116	61	1 736	–	–	1 736
number..	1 025 702	104 156	4 536	2 942	805	50 519	–	–	50 519
Farms with—									
1 to 9	3 913	815	59	53	40	676	–	–	676
10 to 49	6 732	1 475	50	47	19	818	–	–	818
50 to 99	2 148	316	9	8	1	143	–	–	143
100 to 199	1 497	170	14	8	1	69	–	–	69
200 to 499	955	55	1	–	–	24	–	–	24
500 or more	223	10	–	–	–	6	–	–	6
Cows and heifers that had calved ..... farms..	11 140	1 564	80	81	43	1 123	–	–	1 123
number..	417 040	28 533	1 600	1 509	380	16 048	–	–	16 048
Beef cows ..... farms..	7 566	1 439	71	74	42	1 014	–	–	1 014
number..	116 399	22 564	1 273	1 278	(D)	11 857	–	–	11 857
Farms with—									
1 to 9	3 880	702	35	38	29	600	–	–	600
10 to 49	3 289	670	29	31	13	384	–	–	384
50 to 99	304	48	6	4	–	23	–	–	23
100 to 199	79	15	1	1	–	6	–	–	6
200 to 499	11	4	–	–	–	1	–	–	1
500 or more	3	–	–	–	–	–	–	–	–
Milk cows ..... farms..	3 990	165	9	11	1	132	–	–	132
number..	300 641	5 969	327	231	(D)	4 191	–	–	4 191
Farms with—									
1 to 4	334	33	3	7	1	40	–	–	40
5 to 9	154	19	–	–	–	16	–	–	16
10 to 49	1 493	65	1	1	–	50	–	–	50
50 to 99	1 048	33	5	3	–	18	–	–	18
100 to 199	714	14	–	–	–	7	–	–	7
200 to 499	208	1	–	–	–	1	–	–	1
500 or more	39	–	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms..	10 594	1 542	73	53	30	1 058	–	–	1 058
number..	321 816	24 039	979	584	208	12 572	–	–	12 572
Steers, steer calves, bulls, and bull calves ..... farms..	12 981	2 496	118	80	49	1 453	–	–	1 453
number..	286 846	51 584	1 957	849	217	21 899	–	–	21 899

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members ..... farms..	52	19	83	20	4	3	58
number..	56	23	96	20	4	3	66
Hired workers ..... farms..	11	4	93	14	3	–	24
number..	17	4	129	17	7	–	28
Farm-related deaths:							
Operator and family members ..... farms..	–	–	2	–	–	–	–
number..	–	–	(D)	–	–	–	–
Hired workers ..... farms..	–	–	1	–	–	–	–
number..	–	–	(D)	–	–	–	–
FARMS BY SIZE							
1 to 9 acres	262	136	28	159	90	69	668
10 to 49 acres	1 242	528	92	312	166	323	2 520
50 to 69 acres	432	141	57	72	28	68	333
70 to 99 acres	698	237	158	131	33	86	354
100 to 139 acres	564	170	226	99	23	45	194
140 to 179 acres	407	144	199	54	13	36	135
180 to 219 acres	274	105	240	52	9	16	67
220 to 259 acres	180	61	220	39	4	11	27
260 to 499 acres	452	144	944	114	20	20	53
500 to 999 acres	189	77	773	92	8	4	25
1,000 to 1,999 acres	52	30	217	43	4	3	10
2,000 acres or more	13	18	23	11	2	–	1
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	–	–	–	–	–	–	–
Vegetable and melon farming (1112)	–	–	–	–	–	–	–
Fruit and tree nut farming (1113)	–	–	–	–	–	–	–
Greenhouse, nursery, and floriculture production (1114)	–	–	–	–	–	–	–
Other crop farming (1119)	–	–	–	–	–	–	–
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	–	–	–	–	–	–	–
Beef cattle ranching and farming (112111)	4 765	–	–	–	–	–	–
Cattle feedlots (112112)	–	1 791	–	–	–	–	–
Dairy cattle and milk production (11212)	–	–	3 177	–	–	–	–
Hog and pig farming (1122)	–	–	–	1 178	–	–	–
Poultry and egg production (1123)	–	–	–	–	400	–	–
Sheep and goat farming (1124)	–	–	–	–	–	681	–
Animal aquaculture and other animal production (1125, 1129)	–	–	–	–	–	–	4 387
LIVESTOCK							
Cattle and calves inventory ..... farms..	4 540	1 718	3 173	432	87	146	485
number..	166 752	129 806	545 416	11 434	1 945	1 634	5 757
Farms with—							
1 to 9	1 074	447	16	201	62	115	355
10 to 49	2 606	826	546	184	22	26	113
50 to 99	580	231	825	23	–	1	11
100 to 199	194	112	906	17	1	3	2
200 to 499	68	58	740	4	1	1	3
500 or more	18	44	140	3	1	–	1
Cows and heifers that had calved ..... farms..	3 538	902	3 167	251	47	77	267
number..	62 915	14 463	284 734	3 513	637	706	2 002
Beef cows ..... farms..	3 321	876	207	190	38	65	229
number..	54 918	14 058	4 523	2 972	(D)	668	1 718
Farms with—							
1 to 9	1 551	445	95	122	35	53	175
10 to 49	1 571	383	88	57	3	9	51
50 to 99	163	37	15	5	–	2	1
100 to 199	30	10	9	5	–	–	2
200 to 499	5	–	–	–	–	1	–
500 or more	1	1	–	1	–	–	–
Milk cows ..... farms..	315	41	3 165	70	13	16	52
number..	7 997	405	280 211	541	(D)	38	284
Farms with—							
1 to 4	119	23	17	35	10	14	32
5 to 9	45	14	30	19	–	2	9
10 to 49	98	1	1 250	15	1	–	11
50 to 99	36	2	950	–	1	–	–
100 to 199	14	1	677	1	–	–	–
200 to 499	3	–	202	–	1	–	–
500 or more	–	–	39	–	–	–	–
Heifers and heifer calves ..... farms..	3 306	907	3 032	225	48	80	240
number..	46 251	21 211	210 926	2 363	625	338	1 720
Steers, steer calves, bulls, and bull calves ..... farms..	3 928	1 596	2 357	365	66	117	356
number..	57 586	94 132	49 756	5 558	683	590	2 035

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
LIVESTOCK—Con.									
Cattle and calves sold ..... farms..	14 293	2 510	94	87	41	1 500	–	–	1 500
number..	537 681	46 404	2 117	1 282	282	29 884	–	–	29 884
$1,000..	276 971	27 453	1 184	623	123	17 249	–	–	17 249
Calves ..... farms..	6 739	750	43	32	15	600	–	–	600
number..	171 501	8 673	561	392	80	7 086	–	–	7 086
$1,000..	27 547	1 887	135	97	21	1 640	–	–	1 640
Cattle ..... farms..	11 752	2 143	70	69	34	1 226	–	–	1 226
number..	366 180	37 731	1 556	890	202	22 798	–	–	22 798
$1,000..	249 424	25 567	1 048	525	101	15 610	–	–	15 610
Fattened on grain and concentrates .... farms..	4 729	1 171	29	20	13	470	–	–	470
number..	210 652	23 522	948	305	39	13 109	–	–	13 109
$1,000..	164 956	17 800	783	236	26	10 315	–	–	10 315
Hogs and pigs inventory ..... farms..	2 853	544	29	25	17	300	–	–	300
number..	1 032 014	76 313	2 770	977	61	24 361	–	–	24 361
Farms with—									
1 to 24	1 424	251	24	20	17	201	–	–	201
25 to 49	248	66	1	–	–	24	–	–	24
50 to 99	274	67	1	2	–	32	–	–	32
100 to 199	226	54	–	1	–	11	–	–	11
200 to 499	265	69	–	2	–	17	–	–	17
500 or more	416	37	3	–	–	15	–	–	15
Used or to be used for breeding ..... farms..	1 524	286	11	4	1	127	–	–	127
number..	129 404	8 546	180	(D)	(D)	1 729	–	–	1 729
Other ..... farms..	2 673	508	29	25	17	275	–	–	275
number..	902 610	67 767	2 590	(D)	(D)	22 632	–	–	22 632
Hogs and pigs sold..... farms..	2 690	529	26	20	11	254	–	–	254
number..	2 206 940	119 145	6 757	1 420	42	55 448	–	–	55 448
$1,000..	228 488	12 033	905	124	7	6 083	–	–	6 083
Feeder pigs ..... farms..	481	80	4	2	–	44	–	–	44
number..	358 029	19 091	(D)	(D)	–	3 283	–	–	3 283
$1,000..	13 272	773	(D)	(D)	–	122	–	–	122
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30 .... farms..	1 604	304	13	4	1	133	–	–	133
number..	194 794	9 660	829	(D)	(D)	2 508	–	–	2 508
Dec. 1 and May 31..... farms..	1 476	265	13	3	–	124	–	–	124
number..	97 977	4 855	419	(D)	–	1 293	–	–	1 293
June 1 and Nov. 30 ..... farms..	1 346	255	7	2	1	106	–	–	106
number..	96 817	4 805	410	(D)	(D)	1 215	–	–	1 215
Sheep and lambs of all ages inventory..... farms..	1 628	265	24	16	21	204	–	–	204
number..	72 107	10 824	286	152	276	6 224	–	–	6 224
Ewes 1 year old or older ..... farms..	1 379	223	20	10	18	171	–	–	171
number..	36 241	5 920	167	53	164	3 153	–	–	3 153
Sheep and lambs sold..... farms..	1 436	225	17	12	15	165	–	–	165
number..	77 146	8 566	243	(D)	223	5 092	–	–	5 092
Sheep and lambs shorn ..... farms..	1 257	205	17	11	17	142	–	–	142
number..	61 122	8 408	202	(D)	210	5 260	–	–	5 260
pounds of wool..	431 678	62 628	1 404	(D)	1 391	35 463	–	–	35 463
Horses and ponies inventory ..... farms..	9 090	1 054	89	133	116	1 362	–	–	1 362
number..	66 201	4 437	462	409	499	6 973	–	–	6 973
Horses and ponies sold..... farms..	2 482	104	9	13	16	164	–	–	164
number..	9 646	297	(D)	17	35	324	–	–	324
Goats inventory ..... farms..	1 245	129	41	22	26	147	–	–	147
number..	10 603	1 304	163	84	144	829	–	–	829
Goats sold ..... farms..	371	25	9	6	8	30	–	–	30
number..	4 168	216	67	63	53	298	–	–	298
POULTRY									
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	2 276	317	55	45	49	316	–	–	316
number..	6 043 468	(D)	2 141	(D)	1 257	21 542	–	–	21 542
Farms with—									
1 to 399	2 216	312	55	45	49	312	–	–	312
400 to 3,199	25	3	–	–	–	3	–	–	3
3,200 to 9,999.....	3	1	–	–	–	–	–	–	–
10,000 to 19,999	3	–	–	–	–	1	–	–	1
20,000 to 49,999	9	1	–	–	–	–	–	–	–
50,000 to 99,999	5	–	–	–	–	–	–	–	–
100,000 or more	15	–	–	–	–	–	–	–	–
Layers 20 weeks old and older ..... farms..	2 205	305	54	45	48	313	–	–	313
number..	4 928 067	(D)	1 931	838	987	20 489	–	–	20 489
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	370	51	9	8	9	45	–	–	45
number..	1 115 401	(D)	210	(D)	270	1 053	–	–	1 053
Layers, pullets, and pullet chicks sold (see text)..... farms..	299	23	8	3	5	35	–	–	35
number..	4 494 476	(D)	254	130	117	(D)	–	–	(D)
Broilers and other meat-type chickens sold .. farms..	336	38	12	5	2	29	–	–	29
number..	393 028	21 102	(D)	599	(D)	1 129	–	–	1 129
Farms with—									
1 to 1,999.....	327	37	12	5	2	29	–	–	29
2,000 to 59,999.....	7	1	–	–	–	–	–	–	–
60,000 to 99,999	1	–	–	–	–	–	–	–	–
100,000 or more	1	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	185	23	3	3	6	22	–	–	22
number..	(D)	76	6	(D)	16	58	–	–	58
Turkeys sold ..... farms..	241	17	6	–	5	29	–	–	29
number..	6 480 843	1 669	262	–	(D)	(D)	–	–	(D)

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
LIVESTOCK—Con.							
Cattle and calves sold ..... farms..	4 386	1 791	3 169	345	40	77	253
number..	143 660	149 515	152 720	7 365	675	590	3 187
$1,000..	55 087	116 797	51 756	4 259	489	267	1 686
Calves ..... farms..	2 348	209	2 450	126	10	32	124
number..	72 559	2 008	77 181	1 661	36	252	1 012
$1,000..	13 059	395	9 712	307	8	46	239
Cattle ..... farms..	3 401	1 791	2 479	275	33	59	172
number..	71 101	147 507	75 539	5 704	639	338	2 175
$1,000..	42 028	116 402	42 043	3 951	481	220	1 446
Fattened on grain and concentrates .... farms..	554	1 791	436	149	14	20	62
number..	8 400	145 245	13 057	4 016	285	160	1 566
$1,000..	6 023	115 406	9 909	2 960	221	127	1 151
Hogs and pigs inventory ..... farms..	341	132	140	1 099	34	32	160
number..	8 234	6 729	6 882	892 438	5 129	250	7 870
Farms with—							
1 to 24	277	108	91	260	24	30	121
25 to 49	28	4	16	100	3	1	5
50 to 99	21	7	14	114	–	1	15
100 to 199	9	6	13	125	–	–	7
200 to 499	4	3	4	158	2	–	6
500 or more	2	4	2	342	5	–	6
Used or to be used for breeding ..... farms..	142	44	66	767	13	8	55
number..	1 219	581	922	115 202	310	39	615
Other ..... farms..	319	123	128	1 038	30	30	151
number..	7 015	6 148	5 960	777 236	4 819	211	7 255
Hogs and pigs sold..... farms..	280	131	125	1 165	23	25	101
number..	14 973	11 410	14 513	1 960 011	9 268	204	13 749
$1,000..	1 490	1 201	1 542	202 568	913	25	1 597
Feeder pigs ..... farms..	51	11	23	247	2	3	14
number..	3 639	1 121	1 464	325 172	(D)	24	928
$1,000..	143	40	55	11 931	(D)	1	35
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	152	47	67	805	13	8	57
number..	1 738	768	1 403	176 291	469	32	1 031
Dec. 1 and May 31..... farms..	131	45	60	762	12	8	53
number..	898	416	840	88 496	235	(D)	474
June 1 and Nov. 30 ..... farms..	110	27	56	727	8	4	43
number..	840	352	563	87 795	234	(D)	557
Sheep and lambs of all ages inventory..... farms..	170	67	66	78	27	568	122
number..	5 195	1 063	1 857	5 067	1 151	38 195	1 817
Ewes 1 year old or older ..... farms..	141	52	50	64	22	519	89
number..	3 030	651	1 106	2 073	492	18 334	1 098
Sheep and lambs sold..... farms..	139	77	47	68	17	566	88
number..	3 933	1 073	1 134	3 815	(D)	50 589	1 297
Sheep and lambs shorn ..... farms..	109	57	39	50	16	525	69
number..	3 912	970	1 154	2 807	(D)	35 099	1 422
pounds of wool..	26 700	7 586	10 061	20 780	(D)	246 298	10 784
Horses and ponies inventory ..... farms..	1 210	356	456	219	101	205	3 789
number..	5 308	1 460	2 670	1 226	485	822	41 450
Horses and ponies sold..... farms..	138	29	65	37	5	18	1 884
number..	315	60	135	70	(D)	28	8 308
Goats inventory ..... farms..	182	56	51	56	50	197	288
number..	1 161	423	229	276	391	4 315	1 284
Goats sold ..... farms..	61	26	11	13	13	120	49
number..	381	147	75	48	47	2 401	372
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	438	129	173	136	219	122	277
number..	14 063	(D)	7 492	4 678	5 904 660	2 481	5 878
Farms with—							
1 to 399	435	128	171	135	175	122	277
400 to 3,199	3	–	2	1	13	–	–
3,200 to 9,999.....	–	–	–	–	2	–	–
10,000 to 19,999	–	–	–	–	2	–	–
20,000 to 49,999	–	1	–	–	7	–	–
50,000 to 99,999	–	–	–	–	5	–	–
100,000 or more	–	–	–	–	15	–	–
Layers 20 weeks old and older ..... farms..	427	125	162	129	208	121	268
number..	12 717	(D)	6 415	3 910	4 824 086	2 018	5 136
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	59	26	30	23	44	25	41
number..	1 346	462	1 077	768	1 080 574	463	742
Layers, pullets, and pullet chicks sold (see text)..... farms..	41	24	13	19	83	20	25
number..	2 146	(D)	3 145	844	4 409 014	467	2 131
Broilers and other meat-type chickens sold .. farms..	57	37	20	29	65	19	23
number..	5 513	5 042	3 800	10 464	339 864	1 241	3 697
Farms with—							
1 to 1,999.....	57	36	20	28	59	19	23
2,000 to 59,999.....	–	1	–	1	4	–	–
60,000 to 99,999	–	–	–	–	1	–	–
100,000 or more	–	–	–	–	1	–	–
Turkey hens kept for breeding ..... farms..	29	10	8	11	32	10	28
number..	71	17	29	27	(D)	38	119
Turkeys sold ..... farms..	26	13	9	19	85	10	22
number..	915	111	492	(D)	6 273 049	121	987

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item		Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
							Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
SELECTED CROPS HARVESTED										
Corn for grain or seed	farms	16 712	10 278	317	144	47	1 320	–	–	1 320
	acres	2 122 283	1 443 528	47 640	13 850	1 871	101 007	–	–	101 007
	bushels	238 319 129	164 186 587	5 460 048	1 462 282	219 675	10 939 255	–	–	10 939 255
Irrigated	farms	780	493	85	11	7	37	–	–	37
	acres	164 236	118 812	18 793	586	116	3 949	–	–	3 949
Farms by acres harvested:										
1 to 24 acres		4 915	2 510	117	58	32	660	–	–	660
25 to 99 acres		6 160	4 103	102	58	9	396	–	–	396
100 to 249 acres		3 298	2 020	48	23	5	165	–	–	165
250 to 499 acres		1 485	1 014	24	2	1	63	–	–	63
500 acres or more		854	631	26	3	–	36	–	–	36
Corn for silage or green chop	farms	4 817	958	31	21	6	292	–	–	292
	acres	279 786	42 578	1 508	457	123	8 647	–	–	8 647
	tons, green	4 001 045	642 596	12 775	3 944	1 071	108 879	–	–	108 879
Irrigated	farms	94	20	2	1	1	2	–	–	2
	acres	6 165	712	(D)	(D)	(D)	(D)	–	–	(D)
Farms by acres harvested:										
1 to 24 acres		2 012	544	18	13	4	178	–	–	178
25 to 99 acres		1 995	324	11	8	2	92	–	–	92
100 to 249 acres		665	68	1	–	–	21	–	–	21
250 to 499 acres		106	14	–	–	–	1	–	–	1
500 acres or more		39	8	1	–	–	–	–	–	–
Wheat for grain	farms	8 976	6 305	150	35	33	629	–	–	629
	acres	499 742	382 270	13 471	1 201	957	24 173	–	–	24 173
	bushels	28 432 159	21 869 972	690 044	63 858	38 809	1 391 697	–	–	1 391 697
Irrigated	farms	65	32	23	–	2	4	–	–	4
	acres	7 737	2 097	5 274	–	(D)	194	–	–	194
Farms by acres harvested:										
1 to 24 acres		3 781	2 450	74	18	23	373	–	–	373
25 to 99 acres		3 821	2 772	39	15	8	200	–	–	200
100 to 249 acres		1 107	853	23	2	2	50	–	–	50
250 to 499 acres		217	184	11	–	–	5	–	–	5
500 acres or more		50	46	3	–	–	1	–	–	1
Oats for grain	farms	3 707	1 376	66	26	7	553	–	–	553
	acres	77 588	30 496	4 665	343	54	9 484	–	–	9 484
	bushels	4 624 435	1 963 665	238 666	18 668	2 245	533 601	–	–	533 601
Irrigated	farms	18	4	5	1	–	2	–	–	2
	acres	727	70	258	(D)	–	(D)	–	–	(D)
Soybeans for beans	farms	12 561	10 077	200	75	39	569	–	–	569
	acres	1 694 872	1 439 935	21 085	9 324	2 726	50 652	–	–	50 652
	bushels	62 242 411	52 636 640	720 985	345 715	94 001	1 874 365	–	–	1 874 365
Irrigated	farms	384	300	29	3	4	10	–	–	10
	acres	47 518	40 475	2 338	(D)	320	679	–	–	679
Farms by acres harvested:										
1 to 24 acres		2 590	1 899	53	25	17	211	–	–	211
25 to 99 acres		5 353	4 327	86	34	16	217	–	–	217
100 to 249 acres		2 728	2 208	40	10	5	92	–	–	92
250 to 499 acres		1 213	1 041	16	2	–	30	–	–	30
500 acres or more		677	602	5	4	1	19	–	–	19
Dry edible beans, excluding dry limas	farms	2 172	1 696	48	1	2	239	–	–	239
	acres	302 767	233 894	5 906	(D)	(D)	42 531	–	–	42 531
	cwt	4 878 076	3 758 869	95 151	(D)	(D)	685 405	–	–	685 405
Irrigated	farms	86	58	17	–	–	10	–	–	10
	acres	11 390	7 684	(D)	–	–	754	–	–	754
Farms by acres harvested:										
1 to 24 acres		378	286	19	1	2	29	–	–	29
25 to 99 acres		859	686	14	–	–	78	–	–	78
100 to 249 acres		569	439	3	–	–	80	–	–	80
250 to 499 acres		266	209	11	–	–	34	–	–	34
500 acres or more		100	76	1	–	–	18	–	–	18
Potatoes, excluding sweetpotatoes	farms	328	25	196	14	5	63	–	–	63
	acres	44 931	1 430	40 882	14	26	2 094	–	–	2 094
	cwt	13 632 901	427 669	12 571 487	1 938	760	485 301	–	–	485 301
Irrigated	farms	175	14	124	3	4	29	–	–	29
	acres	33 519	1 114	31 020	(D)	26	1 351	–	–	1 351
Farms by acres harvested:										
0.1 to 4.9 acres		125	9	51	14	2	31	–	–	31
5.0 to 24.9 acres		43	4	19	–	3	12	–	–	12
25.0 to 99.9 acres		62	6	43	–	–	12	–	–	12
100.0 to 249.9 acres		49	4	38	–	–	7	–	–	7
250.0 acres or more		49	2	45	–	–	1	–	–	1
Sugar beets for sugar	farms	1 182	742	28	–	1	333	–	–	333
	acres	163 236	98 704	2 477	–	(D)	49 529	–	–	49 529
	tons	3 055 112	1 822 185	45 695	–	(D)	941 670	–	–	941 670
Irrigated	farms	39	17	8	–	–	13	–	–	13
	acres	2 445	1 388	(D)	–	–	825	–	–	825

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms..	842	708	2 221	619	53	41	122
acres..	42 178	72 778	274 260	107 484	12 122	1 427	4 138
bushels..	4 197 167	8 177 370	29 604 776	12 060 458	1 426 898	147 591	437 022
Irrigated ..... farms..	10	15	69	39	11	1	2
acres..	1 157	3 752	6 430	8 102	2 208	(D)	(D)
Farms by acres harvested:							
1 to 24 acres	545	364	328	166	15	33	87
25 to 99 acres	186	197	880	188	12	4	25
100 to 249 acres	77	76	733	131	13	2	5
250 to 499 acres	22	38	234	75	6	2	4
500 acres or more.....	12	33	46	59	7	–	1
Corn for silage or green chop..... farms..	623	387	2 346	82	8	15	48
acres..	18 709	21 953	182 921	1 278	594	214	804
tons, green..	237 371	325 125	2 628 502	16 731	7 960	2 963	13 128
Irrigated ..... farms..	5	5	56	–	2	–	–
acres..	238	112	4 801	–	(D)	–	–
Farms by acres harvested:							
1 to 24 acres	406	209	511	68	2	14	45
25 to 99 acres	182	120	1 239	12	3	–	2
100 to 249 acres	27	42	499	2	3	1	1
250 to 499 acres	7	8	76	–	–	–	–
500 acres or more.....	1	8	21	–	–	–	–
Wheat for grain ..... farms..	273	286	928	268	17	19	33
acres..	9 052	12 467	41 038	13 381	661	435	636
bushels..	470 349	713 731	2 323 282	775 122	40 948	21 624	32 723
Irrigated ..... farms..	–	–	2	2	–	–	–
acres..	–	–	(D)	(D)	–	–	–
Farms by acres harvested:							
1 to 24 acres	173	149	358	116	8	16	23
25 to 99 acres	77	102	478	112	7	1	10
100 to 249 acres	21	32	85	35	2	2	–
250 to 499 acres	2	3	7	5	–	–	–
500 acres or more.....	–	–	–	–	–	–	–
Oats for grain..... farms..	447	199	794	118	8	25	88
acres..	6 706	2 510	20 307	1 795	62	191	975
bushels..	344 079	148 481	1 193 172	112 738	2 800	9 553	56 767
Irrigated ..... farms..	1	1	2	2	–	–	–
acres..	(D)	(D)	(D)	(D)	–	–	–
Soybeans for beans ..... farms..	223	234	740	329	26	17	32
acres..	15 960	25 487	77 020	45 573	3 487	1 172	2 451
bushels..	576 089	992 539	2 884 416	1 835 996	153 249	39 254	89 162
Irrigated ..... farms..	2	3	10	18	3	1	1
acres..	(D)	468	1 004	1 344	182	(D)	(D)
Farms by acres harvested:							
1 to 24 acres	85	81	128	63	4	9	15
25 to 99 acres	88	89	346	124	10	4	12
100 to 249 acres	36	39	198	87	9	3	1
250 to 499 acres	12	9	56	41	2	1	3
500 acres or more.....	2	16	12	14	1	–	1
Dry edible beans, excluding dry limas ..... farms..	27	42	89	22	1	–	5
acres..	3 296	7 343	6 222	3 398	(D)	–	(D)
cwt..	46 561	131 244	96 656	60 945	(D)	–	(D)
Irrigated ..... farms..	–	–	–	1	–	–	–
acres..	–	–	–	(D)	–	–	–
Farms by acres harvested:							
1 to 24 acres	4	10	18	4	1	–	4
25 to 99 acres	11	17	47	6	–	–	–
100 to 249 acres	9	6	23	8	–	–	1
250 to 499 acres	2	6	1	3	–	–	–
500 acres or more.....	1	3	–	1	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	11	2	8	–	1	–	3
acres..	(D)	(D)	(D)	–	(D)	–	1
cwt..	(D)	(D)	(D)	–	(D)	–	62
Irrigated ..... farms..	1	–	–	–	–	–	–
acres..	(D)	–	–	–	–	–	–
Farms by acres harvested:							
0.1 to 4.9 acres	10	1	3	–	1	–	3
5.0 to 24.9 acres	–	1	4	–	–	–	–
25.0 to 99.9 acres	1	–	–	–	–	–	–
100.0 to 249.9 acres.....	–	–	–	–	–	–	–
250.0 acres or more	–	–	1	–	–	–	–
Sugar beets for sugar..... farms..	15	15	37	9	–	–	2
acres..	1 936	5 602	3 254	1 514	–	–	(D)
tons..	33 133	113 529	65 093	29 324	–	–	(D)
Irrigated ..... farms..	1	–	–	–	–	–	–
acres..	(D)	–	–	–	–	–	–

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
SELECTED CROPS HARVESTED—Con.									
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	20 858	4 484	254	246	173	5 810	–	–	5 810
acres..	1 264 350	164 016	12 324	6 439	3 940	299 384	–	–	299 384
tons, dry..	2 830 915	397 398	24 464	13 098	5 489	649 998	–	–	649 998
Irrigated ..... farms..	258	57	16	12	9	50	–	–	50
acres..	11 154	2 093	852	156	(D)	1 988	–	–	1 988
Farms by acres harvested:									
1 to 24 acres	9 125	2 584	163	173	132	2 392	–	–	2 392
25 to 99 acres	8 042	1 548	57	60	35	2 691	–	–	2 691
100 to 249 acres	2 799	293	23	11	4	598	–	–	598
250 to 499 acres	719	48	10	2	2	103	–	–	103
500 acres or more	173	11	1	–	–	26	–	–	26
Alfalfa hay ..... farms..	17 108	3 897	202	189	108	4 746	–	–	4 746
acres..	788 156	127 185	9 673	4 716	2 391	212 085	–	–	212 085
tons, dry..	1 985 404	331 019	20 286	10 266	3 656	509 466	–	–	509 466
Irrigated ..... farms..	204	49	13	10	7	44	–	–	44
acres..	7 300	1 059	783	150	(D)	1 606	–	–	1 606
Vegetables harvested for sale (see text) ..... farms..	2 498	303	1 323	297	146	250	–	–	250
acres..	128 349	16 656	85 058	9 782	2 212	12 631	–	–	12 631
Irrigated ..... farms..	833	109	451	103	61	72	–	–	72
acres..	59 247	10 402	41 435	2 878	845	3 022	–	–	3 022
Farms by acres harvested:									
0.1 to 4.9 acres	907	99	384	113	74	106	–	–	106
5.0 to 24.9 acres	772	72	446	112	50	60	–	–	60
25.0 to 99.9 acres	490	84	275	58	19	42	–	–	42
100.0 to 249.9 acres	224	35	142	12	2	30	–	–	30
250.0 acres or more	105	13	76	2	1	12	–	–	12
Snap beans harvested for sale ..... farms..	453	73	264	22	26	45	–	–	45
acres..	18 553	7 505	7 622	(D)	110	1 836	–	–	1 836
Irrigated ..... farms..	211	46	105	19	9	23	–	–	23
acres..	12 622	6 126	5 088	(D)	74	467	–	–	467
Land in orchards ..... farms..	2 863	127	168	2 058	128	192	–	–	192
acres..	139 607	1 908	5 876	125 639	949	3 092	–	–	3 092
Irrigated ..... farms..	362	10	29	273	15	13	–	–	13
acres..	11 930	93	430	11 174	30	127	–	–	127
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres	907	70	67	421	95	123	–	–	123
5.0 to 24.9 acres	862	39	47	672	25	44	–	–	44
25.0 to 99.9 acres	692	12	36	602	6	16	–	–	16
100.0 to 249.9 acres	299	6	16	264	2	7	–	–	7
250.0 acres or more	103	–	2	99	–	2	–	–	2
Apples ..... farms..	1 991	79	116	1 413	88	154	–	–	154
Bearing and nonbearing..acres..	68 987	1 069	2 503	62 307	373	1 672	–	–	1 672
pounds..	966 592 252	7 877 335	36 310 145	882 529 543	3 731 759	21 560 989	–	–	21 560 989
Cherries, total (see text) ... farms..	1 077	16	59	874	26	48	–	–	48
Bearing and nonbearing..acres..	47 716	148	2 350	43 583	260	559	–	–	559
pounds..	272 166 983	408 411	9 598 582	252 418 790	482 890	3 510 434	–	–	3 510 434
Grapes (see text) ..... farms..	732	48	38	496	33	51	–	–	51
Bearing and nonbearing..acres..	13 045	622	422	11 105	140	636	–	–	636
Fresh weight..pounds..	109 863 755	3 327 671	2 130 875	97 362 275	(D)	5 403 981	–	–	5 403 981
Berries harvested for sale .... farms..	1 147	39	131	824	44	59	–	–	59
acres..	18 760	190	434	17 522	205	369	–	–	369
Irrigated ..... farms..	591	14	69	433	19	35	–	–	35
acres..	10 808	58	305	10 221	46	152	–	–	152

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
SELECTED CROPS HARVESTED—Con.							
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	3 373	1 244	2 948	397	102	349	1 478
acres..	196 251	55 575	467 873	14 278	2 636	8 954	32 680
tons, dry..	343 698	119 719	1 178 444	29 064	4 166	13 951	51 426
Irrigated ..... farms..	22	11	57	5	3	–	16
acres..	693	199	4 481	228	(D)	–	268
Farms by acres harvested:							
1 to 24 acres	1 278	577	178	239	82	246	1 081
25 to 99 acres	1 553	519	989	127	13	89	361
100 to 249 acres	435	127	1 233	25	6	13	31
250 to 499 acres	89	18	438	3	1	–	5
500 acres or more	18	3	110	3	–	1	–
Alfalfa hay ..... farms..	2 650	1 072	2 526	306	69	262	1 081
acres..	121 709	39 455	234 256	8 586	1 334	5 366	21 400
tons, dry..	241 241	94 501	704 885	21 084	1 790	9 756	37 454
Irrigated ..... farms..	15	11	36	4	2	–	13
acres..	556	199	2 394	208	(D)	–	208
Vegetables harvested for sale (see text) ..... farms..	46	27	38	17	16	8	27
acres..	420	327	489	166	(D)	(D)	42
Irrigated ..... farms..	8	8	5	1	5	1	9
acres..	93	55	16	(D)	(D)	(D)	12
Farms by acres harvested:							
0.1 to 4.9 acres	32	20	23	10	13	7	26
5.0 to 24.9 acres	10	4	10	5	1	1	1
25.0 to 99.9 acres	3	2	4	2	1	–	–
100.0 to 249.9 acres	1	1	1	–	–	–	–
250.0 acres or more	–	–	–	–	1	–	–
Snap beans harvested for sale ..... farms..	6	3	8	2	–	1	3
acres..	(D)	(D)	282	(D)	–	(D)	(D)
Irrigated ..... farms..	2	2	2	–	–	–	3
acres..	(D)	(D)	(D)	–	–	–	(D)
Land in orchards ..... farms..	64	16	28	9	19	20	34
acres..	325	475	673	214	179	33	244
Irrigated ..... farms..	8	–	3	–	4	3	4
acres..	11	–	44	–	6	8	8
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	47	9	9	4	16	20	26
5.0 to 24.9 acres	13	3	10	2	2	–	5
25.0 to 99.9 acres	4	3	8	2	–	–	3
100.0 to 249.9 acres	–	1	1	1	1	–	–
250.0 acres or more	–	–	–	–	–	–	–
Apples ..... farms..	50	10	17	6	12	17	29
Bearing and nonbearing..acres..	208	32	392	(D)	(D)	26	146
pounds..	1 939 923	(D)	6 814 300	(D)	(D)	47 365	586 036
Cherries, total (see text) ... farms..	20	5	7	3	8	6	5
Bearing and nonbearing..acres..	30	423	261	(D)	10	2	(D)
pounds..	87 518	3 435 633	2 144 267	(D)	–	43	(D)
Grapes (see text) ..... farms..	26	3	6	3	12	5	11
Bearing and nonbearing..acres..	10	1	10	80	10	1	10
Fresh weight..pounds..	16 590	–	77 465	(D)	(D)	(D)	(D)
Berries harvested for sale .... farms..	7	4	7	5	12	4	11
acres..	4	2	5	(D)	5	2	(D)
Irrigated ..... farms..	3	2	3	2	6	–	5
acres..	(D)	(D)	(D)	(D)	1	–	11

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 52. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997

[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..	46 027	461	891	2 027	4 036	3 718
..... percent..	100.0	1.0	1.9	4.4	8.8	8.1
Land in farms ..... acres..	9 872 812	768 355	1 071 614	1 648 572	1 910 724	1 045 426
Average size of farm ..... acres..	215	1 667	1 203	813	473	281
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ..... farms..	46 027	461	891	2 027	4 036	3 718
..... $1,000..	3 567 825	1 071 030	599 505	685 078	623 385	255 662
Average per farm ..... dollars..	77 516	2 323 275	672 846	337 976	154 456	68 763
Farms by value of sales:						
Less than $1,000 (see text)	7 756	–	–	–	–	2
$1,000 to $2,499	4 801	–	–	–	–	–
$2,500 to $4,999	5 049	–	–	–	–	2
$5,000 to $9,999	5 800	–	–	–	–	–
$10,000 to $19,999	5 602	–	–	–	–	–
$20,000 to $24,999	1 611	–	–	–	–	–
$25,000 to $39,999	3 136	–	–	–	–	6
$40,000 to $49,999	1 336	–	–	–	–	187
$50,000 to $99,999	3 663	–	–	–	142	3 521
$100,000 to $249,999	4 008	–	–	114	3 894	–
$250,000 to $499,999	1 954	–	41	1 913	–	–
$500,000 to $999,999	864	14	850	–	–	–
$1,000,000 to $2,499,999	344	344	–	–	–	–
$2,500,000 to $4,999,999	66	66	–	–	–	–
$5,000,000 or more	37	37	–	–	–	–
Grains ..... farms..	19 502	273	633	1 500	2 782	2 415
..... $1,000..	1 033 206	109 014	177 502	256 705	245 885	107 724
Sales of $50,000 or more ..... farms..	4 880	222	489	1 140	1 865	1 164
..... $1,000..	838 846	108 057	174 408	249 768	228 462	78 150
Corn for grain ..... farms..	13 864	197	528	1 259	2 332	1 934
..... $1,000..	470 240	56 389	85 649	122 211	106 782	44 763
Wheat ..... farms..	8 875	175	410	944	1 699	1 341
..... $1,000..	89 407	7 536	13 950	20 208	22 714	10 145
Soybeans ..... farms..	12 516	174	465	1 110	2 086	1 780
..... $1,000..	375 311	30 195	58 287	89 241	94 186	44 564
Sorghum for grain ..... farms..	6	1	–	–	1	–
..... $1,000..	22	(D)	–	–	(D)	–
Barley ..... farms..	295	2	16	40	57	45
..... $1,000..	1 180	(D)	198	296	(D)	136
Oats ..... farms..	1 804	11	35	95	253	247
..... $1,000..	4 311	147	267	549	1 039	700
Other grains ..... farms..	2 667	76	166	383	615	433
..... $1,000..	92 735	14 704	19 151	24 200	20 885	7 417
Cotton and cottonseed ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Tobacco ..... farms..	3	–	–	–	–	–
..... $1,000..	34	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	10 938	62	142	298	710	809
..... $1,000..	83 225	5 737	6 389	8 035	11 794	11 020
Sales of $50,000 or more ..... farms..	215	17	30	43	62	63
..... $1,000..	24 307	5 299	4 925	4 879	5 041	4 163
Vegetables, sweet corn, and melons ..... farms..	2 494	71	149	212	353	259
..... $1,000..	183 645	63 233	47 051	29 741	23 051	8 773
Sales of $50,000 or more ..... farms..	601	63	125	154	178	81
..... $1,000..	163 037	63 044	46 482	28 511	19 722	5 278
Fruits, nuts, and berries ..... farms..	3 027	38	95	187	420	400
..... $1,000..	231 595	43 711	43 562	48 385	50 854	22 701
Sales of $50,000 or more ..... farms..	925	34	82	165	361	283
..... $1,000..	204 816	43 647	43 251	47 968	49 811	20 139
Nursery and greenhouse crops ..... farms..	3 548	106	103	151	360	307
..... $1,000..	478 448	290 100	58 191	42 151	48 146	17 778
Sales of $50,000 or more ..... farms..	894	100	98	134	320	242
..... $1,000..	453 975	290 033	58 107	41 792	47 482	16 560
Other crops ..... farms..	1 725	79	169	307	428	248
..... $1,000..	189 569	75 258	42 371	36 479	25 270	6 543
Sales of $50,000 or more ..... farms..	764	77	159	268	228	32
..... $1,000..	174 245	(D)	42 211	35 390	19 460	(D)
Poultry and poultry products ..... farms..	1 442	43	18	25	48	69
..... $1,000..	169 053	149 984	10 276	4 575	2 054	679
Sales of $50,000 or more ..... farms..	99	42	16	16	16	9
..... $1,000..	167 358	(D)	(D)	4 551	1 989	584
Dairy products ..... farms..	3 696	88	270	684	1 153	779
..... $1,000..	645 713	129 132	134 842	178 381	144 588	43 742
Sales of $50,000 or more ..... farms..	2 645	88	267	678	1 104	508
..... $1,000..	619 100	129 132	134 726	178 196	142 937	34 109
Cattle and calves ..... farms..	14 293	152	355	935	1 714	1 474
..... $1,000..	276 971	91 483	31 414	42 053	38 418	22 748
Sales of $50,000 or more ..... farms..	790	115	137	211	203	124
..... $1,000..	173 630	90 677	26 249	29 020	19 656	8 028

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
FARMS AND LAND IN FARMS						
Farms ..... number..	4 543	7 469	6 346	5 943	5 921	4 672
..... percent..	9.9	16.2	13.8	12.9	12.9	10.2
Land in farms ..... acres..	838 104	955 794	600 027	457 057	351 374	225 765
Average size of farm ..... acres..	184	128	95	77	59	48
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ..... farms..	4 543	7 469	6 346	5 943	5 921	4 672
..... $1,000..	155 077	112 586	39 941	17 281	7 236	1 043
Average per farm ..... dollars..	34 135	15 074	6 294	2 908	1 222	223
Farms by value of sales:						
Less than $1,000 (see text)	10	144	461	964	1 503	4 672
$1,000 to $2,499	2	10	70	301	4 418	–
$2,500 to $4,999	1	28	340	4 678	–	–
$5,000 to $9,999	1	324	5 475	–	–	–
$10,000 to $19,999	33	5 569	–	–	–	–
$20,000 to $24,999	217	1 394	–	–	–	–
$25,000 to $39,999	3 130	–	–	–	–	–
$40,000 to $49,999	1 149	–	–	–	–	–
$50,000 to $99,999	–	–	–	–	–	–
$100,000 to $249,999	–	–	–	–	–	–
$250,000 to $499,999	–	–	–	–	–	–
$500,000 to $999,999	–	–	–	–	–	–
$1,000,000 to $2,499,999	–	–	–	–	–	–
$2,500,000 to $4,999,999	–	–	–	–	–	–
$5,000,000 or more	–	–	–	–	–	–
Grains ..... farms..	2 911	4 209	2 427	1 374	775	203
..... $1,000..	71 329	47 977	12 184	3 704	1 070	111
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Corn for grain ..... farms..	2 228	2 892	1 357	698	353	86
..... $1,000..	28 680	18 894	4 827	1 561	441	43
Wheat ..... farms..	1 453	1 637	720	305	151	40
..... $1,000..	7 305	5 250	1 584	524	170	20
Soybeans ..... farms..	2 128	2 717	1 188	545	269	54
..... $1,000..	30 704	21 240	5 068	1 408	383	34
Sorghum for grain ..... farms..	2	–	–	–	2	–
..... $1,000..	(D)	–	–	–	(D)	–
Barley ..... farms..	41	51	22	18	1	2
..... $1,000..	(D)	110	22	19	(D)	(D)
Oats ..... farms..	281	405	255	123	80	19
..... $1,000..	600	571	278	103	(D)	(D)
Other grains ..... farms..	400	342	150	53	32	17
..... $1,000..	3 944	1 912	404	89	22	7
Cotton and cottonseed ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Tobacco ..... farms..	1	2	–	–	–	–
..... $1,000..	(D)	(D)	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	1 139	2 285	2 000	1 637	1 231	625
..... $1,000..	11 332	15 436	7 851	3 807	1 553	271
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Vegetables, sweet corn, and melons ..... farms..	308	471	288	195	113	75
..... $1,000..	5 309	4 573	1 320	456	117	21
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Fruits, nuts, and berries ..... farms..	456	508	323	236	211	153
..... $1,000..	13 133	6 467	1 777	672	280	53
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Nursery and greenhouse crops ..... farms..	382	559	410	358	636	176
..... $1,000..	10 811	7 072	2 258	1 039	830	72
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Other crops ..... farms..	160	166	85	40	32	11
..... $1,000..	2 168	1 125	238	80	33	4
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Poultry and poultry products ..... farms..	102	193	239	229	302	174
..... $1,000..	481	387	273	144	164	34
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Dairy products ..... farms..	443	222	35	13	8	1
..... $1,000..	12 115	(D)	178	24	2	(D)
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Cattle and calves ..... farms..	1 567	2 491	2 076	1 777	1 289	463
..... $1,000..	16 786	18 261	8 974	4 755	1 807	271
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.						
Total sales (see text)—Con.						
Hogs and pigs ..... farms..	2 690	82	98	193	340	285
$1,000..	228 488	104 924	43 994	34 939	26 961	8 171
Sales of $50,000 or more ..... farms..	593	80	89	146	209	69
$1,000..	212 526	(D)	43 844	34 260	25 003	(D)
Sheep, lambs, and wool ..... farms..	1 543	1	10	21	67	88
$1,000..	5 911	(D)	1 622	82	636	594
Sales of $50,000 or more ..... farms..	13	–	5	–	4	4
$1,000..	2 178	–	1 604	–	301	273
Other livestock and livestock products (see text) ..... farms..	3 625	8	11	34	97	152
$1,000..	41 968	(D)	2 293	3 552	5 728	5 188
Sales of $50,000 or more ..... farms..	127	2	3	12	40	70
$1,000..	24 296	(D)	(D)	3 477	5 457	4 696
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	4 339	27	49	143	327	327
$1,000..	28 720	540	1 311	5 653	7 159	3 845
FARM PRODUCTION EXPENSES[1]						
Total farm production expenses ..... farms..	46 040	461	891	1 905	4 005	3 724
$1,000..	2 835 658	848 610	455 649	486 671	463 028	200 133
Average per farm .....dollars..	61 591	1 840 803	511 390	255 470	115 613	53 741
Livestock and poultry purchased ..... farms..	11 086	208	335	727	1 059	1 108
$1,000..	175 474	76 622	27 840	23 725	15 602	10 209
Farms with expenses of—						
$1 to $4,999	7 569	9	49	170	365	569
$5,000 to $24,999	2 486	17	76	254	504	444
$25,000 to $99,999	763	52	128	254	184	94
$100,000 to $249,999	152	47	54	45	5	1
$250,000 or more	116	83	28	4	1	–
Feed for livestock and poultry ..... farms..	17 888	238	435	988	1 787	1 579
$1,000..	414 770	189 114	62 934	59 798	52 980	18 690
Farms with expenses of—						
$1 to $4,999	12 187	3	21	80	310	562
$5,000 to $24,999	3 248	5	29	183	619	825
$25,000 to $99,999	1 789	25	131	556	824	192
$100,000 to $249,999	439	53	190	161	33	–
$250,000 or more	225	152	64	8	1	–
Commercially mixed formula feeds ..... farms..	12 036	203	369	856	1 373	1 189
$1,000..	256 579	133 616	36 401	34 421	28 679	9 595
Farms with expenses of—						
$1 to $4,999	8 440	6	25	104	302	638
$5,000 to $24,999	2 191	20	59	291	684	465
$25,000 to $99,999	1 088	44	170	402	377	86
$100,000 or more	317	133	115	59	10	–
Seeds, bulbs, plants, and trees ..... farms..	27 224	400	848	1 804	3 573	3 326
$1,000..	180 800	50 978	27 290	32 146	33 477	15 393
Farms with expenses of—						
$1 to $999	11 109	9	16	49	194	437
$1,000 to $4,999	9 282	18	60	165	1 098	1 649
$5,000 to $24,999	5 470	75	336	1 165	2 085	1 233
$25,000 to $49,999	905	84	279	362	173	7
$50,000 or more	458	214	157	63	23	–
Commercial fertilizer ..... farms..	29 576	414	854	1 830	3 723	3 340
$1,000..	244 613	35 890	39 434	53 828	54 335	25 183
Farms with expenses of—						
$1 to $4,999	20 093	42	79	170	844	1 417
$5,000 to $24,999	7 064	89	244	744	2 257	1 868
$25,000 to $49,999	1 492	82	203	581	560	55
$50,000 or more	927	201	328	335	62	–
Agricultural chemicals ..... farms..	26 238	384	772	1 630	3 494	3 252
$1,000..	182 494	30 489	30 227	36 800	40 498	18 636
Farms with expenses of—						
$1 to $4,999	18 844	55	79	253	1 008	1 771
$5,000 to $24,999	5 753	85	262	819	2 125	1 444
$25,000 to $49,999	1 061	70	195	410	341	37
$50,000 or more	580	174	236	148	20	–
Petroleum products ..... farms..	42 348	459	887	1 895	3 950	3 702
$1,000..	142 449	28 198	21 351	25 688	26 892	13 428
Farms with expenses of—						
$1 to $4,999	35 797	9	40	197	1 628	2 750
$5,000 to $24,999	5 662	116	512	1 512	2 289	951
$25,000 to $49,999	631	147	271	179	33	1
$50,000 or more	258	187	64	7	–	–
Gasoline and gasohol ..... farms..	34 136	414	778	1 590	3 203	2 887
$1,000..	35 499	4 537	3 837	4 957	6 762	3 756
Diesel fuel ..... farms..	30 196	424	841	1 805	3 664	3 392
$1,000..	61 048	9 746	9 972	12 333	12 555	6 112
Natural gas ..... farms..	1 932	175	220	337	395	269
$1,000..	17 510	9 332	3 150	2 557	1 338	663
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	31 611	444	876	1 869	3 884	3 571
$1,000..	28 391	4 583	4 394	5 840	6 237	2 897

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.						
Total sales (see text)—Con.						
Hogs and pigs ..... farms..	376	423	333	283	197	80
$1,000..	5 475	2 508	891	434	157	34
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sheep, lambs, and wool ..... farms..	118	238	302	253	303	142
$1,000..	(D)	697	725	392	289	(D)
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	279	594	728	702	740	280
$1,000..	5 323	5 362	3 272	1 774	932	(D)
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	460	838	746	639	540	243
$1,000..	3 288	3 506	1 851	990	504	73
FARM PRODUCTION EXPENSES[1]						
Total farm production expenses ..... farms..	4 722	7 474	6 420	5 946	5 663	4 829
$1,000..	135 069	111 645	49 749	34 970	27 110	23 025
Average per farm .....dollars..	28 604	14 938	7 749	5 881	4 787	4 768
Livestock and poultry purchased ..... farms..	1 349	1 906	1 413	1 282	953	746
$1,000..	8 635	5 477	2 954	2 320	1 263	827
Farms with expenses of—						
$1 to $4,999	835	1 580	1 236	1 153	909	694
$5,000 to $24,999	465	324	177	129	44	52
$25,000 to $99,999	49	2	–	–	–	–
$100,000 to $249,999	–	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–
Feed for livestock and poultry ..... farms..	1 810	2 682	2 314	2 310	1 812	1 933
$1,000..	11 544	7 643	4 057	2 860	2 113	3 038
Farms with expenses of—						
$1 to $4,999	989	2 177	2 206	2 251	1 773	1 815
$5,000 to $24,999	785	481	107	59	39	116
$25,000 to $99,999	36	24	1	–	–	–
$100,000 to $249,999	–	–	–	–	–	2
$250,000 or more	–	–	–	–	–	–
Commercially mixed formula feeds ..... farms..	1 118	1 552	1 392	1 390	1 273	1 321
$1,000..	5 378	3 060	1 822	1 295	1 026	1 287
Farms with expenses of—						
$1 to $4,999	712	1 393	1 351	1 375	1 259	1 275
$5,000 to $24,999	399	159	41	15	14	44
$25,000 to $99,999	7	–	–	–	–	2
$100,000 or more	–	–	–	–	–	–
Seeds, bulbs, plants, and trees ..... farms..	3 827	5 381	3 486	2 042	1 601	936
$1,000..	9 934	7 569	2 240	906	671	194
Farms with expenses of—						
$1 to $999	919	2 374	2 760	1 885	1 537	929
$1,000 to $4,999	2 468	2 879	726	155	57	7
$5,000 to $24,999	440	128	–	2	6	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	1	–
Commercial fertilizer ..... farms..	3 893	5 629	3 828	2 508	1 989	1 568
$1,000..	16 122	12 297	3 964	1 733	1 173	654
Farms with expenses of—						
$1 to $4,999	2 512	5 183	3 800	2 504	1 981	1 561
$5,000 to $24,999	1 375	446	28	4	2	7
$25,000 to $49,999	6	–	–	–	5	–
$50,000 or more	–	–	–	–	1	–
Agricultural chemicals ..... farms..	3 822	5 243	3 242	1 956	1 551	892
$1,000..	12 783	8 572	2 377	1 069	724	319
Farms with expenses of—						
$1 to $4,999	3 022	5 037	3 239	1 944	1 544	892
$5,000 to $24,999	792	205	3	12	6	–
$25,000 to $49,999	7	1	–	–	–	–
$50,000 or more	1	–	–	–	1	–
Petroleum products ..... farms..	4 658	7 262	6 056	5 272	4 695	3 512
$1,000..	8 828	8 011	3 973	2 799	1 908	1 373
Farms with expenses of—						
$1 to $4,999	4 423	7 224	6 056	5 266	4 693	3 511
$5,000 to $24,999	235	38	–	6	2	1
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Gasoline and gasohol ..... farms..	3 723	5 906	4 668	4 235	3 891	2 841
$1,000..	3 182	3 258	1 928	1 440	1 068	775
Diesel fuel ..... farms..	3 947	5 623	3 990	2 802	2 094	1 614
$1,000..	3 842	3 331	1 435	861	500	359
Natural gas ..... farms..	155	152	91	48	47	43
$1,000..	179	139	63	18	44	28
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	4 153	5 778	3 880	3 143	2 313	1 700
$1,000..	1 626	1 283	547	480	295	211

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
FARM PRODUCTION EXPENSES[1] —Con.						
Total farm production expenses—Con.						
Electricity ..... farms..	31 396	455	878	1 862	3 710	3 377
$1,000..	53 192	12 774	7 928	8 917	9 496	4 461
Farms with expenses of—						
$1 to $999	21 800	6	24	190	1 012	1 726
$1,000 to $4,999	7 332	58	282	901	2 252	1 597
$5,000 to $24,999	2 073	240	540	765	445	54
$25,000 to $49,999	118	82	28	6	1	–
$50,000 or more	73	69	4	–	–	–
Hired farm labor ..... farms..	14 481	446	831	1 542	2 644	1 731
$1,000..	369 145	166 358	72 406	60 628	47 937	10 731
Farms with expenses of—						
$1 to $4,999	8 961	4	37	191	830	1 073
$5,000 to $24,999	2 809	26	138	474	1 142	602
$25,000 to $99,999	2 014	114	405	754	652	56
$100,000 to $249,999	471	123	206	121	20	–
$250,000 or more	226	179	45	2	–	–
Workers by days worked:						
150 days or more ..... farms..	6 074	415	727	1 204	1 506	702
workers..	20 996	7 900	3 566	3 548	3 086	1 167
Less than 150 days ..... farms..	13 069	362	698	1 216	2 170	1 544
workers..	74 869	12 614	11 317	11 369	13 360	6 759
Contract labor ..... farms..	3 865	139	187	348	503	406
$1,000..	29 043	13 296	3 213	3 492	4 007	1 703
Farms with expenses of—						
$1 to $999	1 689	7	25	25	112	111
$1,000 to $4,999	1 330	24	61	147	204	186
$5,000 to $24,999	667	51	71	145	140	95
$25,000 to $49,999	102	17	14	20	37	14
$50,000 or more	77	40	16	11	10	–
Repair and maintenance ..... farms..	37 918	455	882	1 891	3 919	3 564
$1,000..	209 298	36 313	28 930	35 479	38 348	19 236
Farms with expenses of—						
$1 to $4,999	28 001	8	36	142	937	2 075
$5,000 to $24,999	8 308	83	304	1 253	2 840	1 447
$25,000 to $49,999	1 118	100	395	434	132	42
$50,000 or more	491	264	147	62	10	–
Customwork, machine hire, and rental of machinery and equipment..... farms..	13 520	283	554	1 067	1 891	1 421
$1,000..	53 082	13 174	8 510	8 868	9 573	3 819
Farms with expenses of—						
$1 to $999	6 439	6	44	128	358	441
$1,000 to $4,999	4 866	39	137	409	922	782
$5,000 to $24,999	1 896	124	277	461	577	192
$25,000 to $49,999	194	48	62	52	26	6
$50,000 or more	125	66	34	17	8	–
Interest ..... farms..	18 209	433	840	1 610	3 031	2 438
$1,000..	189 849	41 195	31 391	36 528	33 791	16 371
Farms with expenses of—						
$1 to $4,999	10 247	21	83	215	970	1 207
$5,000 to $24,999	6 239	72	285	809	1 788	1 182
$25,000 to $99,999	1 520	200	420	577	271	49
$100,000 or more	203	140	52	9	2	–
Secured by real estate ..... farms..	13 336	342	651	1 263	2 224	1 692
$1,000..	123 249	24 340	19 285	23 075	21 186	11 604
Farms with expenses of—						
$1 to $999	1 609	2	13	46	142	118
$1,000 to $4,999	5 936	16	50	172	652	679
$5,000 to $24,999	4 711	78	287	707	1 275	856
$25,000 to $49,999	762	100	188	284	150	39
$50,000 or more	318	146	113	54	5	–
Not secured by real estate ..... farms..	10 394	289	615	1 135	2 147	1 611
$1,000..	66 600	16 855	12 106	13 454	12 606	4 767
Farms with expenses of—						
$1 to $999	2 926	3	21	72	232	363
$1,000 to $4,999	4 434	24	85	244	1 019	933
$5,000 to $24,999	2 502	89	324	691	850	315
$25,000 to $49,999	371	65	147	114	45	–
$50,000 or more	161	108	38	14	1	–
Cash rent ..... farms..	12 983	334	696	1 511	2 653	2 019
$1,000..	162 012	35 088	34 546	37 828	32 342	11 052
Farms with expenses of—						
$1 to $4,999	7 978	34	94	296	1 139	1 234
$5,000 to $9,999	1 633	15	62	262	400	409
$10,000 to $24,999	1 753	51	162	408	692	356
$25,000 or more	1 619	234	378	545	422	20
Property taxes ..... farms..	43 608	433	851	1 837	3 765	3 493
$1,000..	114 049	9 579	9 679	13 272	16 737	11 196
Farms with expenses of—						
$1 to $4,999	38 646	69	221	751	2 503	2 847
$5,000 to $9,999	3 399	85	248	665	964	567
$10,000 to $24,999	1 308	156	310	389	280	79
$25,000 or more	255	123	72	32	18	–
All other farm production expenses..... farms..	40 748	460	888	1 904	4 003	3 724
$1,000..	315 391	109 543	49 971	49 674	47 012	20 025
Farms with expenses of—						
$1 to $4,999	32 337	6	27	191	1 250	2 273
$5,000 to $24,999	6 142	53	237	946	2 318	1 411
$25,000 to $49,999	1 164	65	215	501	341	40
$50,000 to $99,999	694	89	278	235	92	–
$100,000 or more	411	247	131	31	2	–

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
FARM PRODUCTION EXPENSES[1] —Con.						
Total farm production expenses—Con.						
Electricity ..... farms..	3 793	5 449	3 761	3 192	2 743	2 176
$1,000..	2 984	2 544	1 395	1 118	789	786
Farms with expenses of—						
$1 to $999	2 797	4 862	3 540	3 000	2 636	2 007
$1,000 to $4,999	971	587	221	187	107	169
$5,000 to $24,999	24	–	–	5	–	–
$25,000 to $49,999	1	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Hired farm labor ..... farms..	1 611	1 851	1 300	1 013	821	691
$1,000..	4 914	3 467	1 140	758	472	335
Farms with expenses of—						
$1 to $4,999	1 306	1 709	1 294	1 007	820	690
$5,000 to $24,999	299	122	5	1	–	–
$25,000 to $99,999	5	20	1	5	1	1
$100,000 to $249,999	1	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–
Workers by days worked:						
150 days or more ..... farms..	364	305	213	201	194	243
workers..	459	367	241	218	201	243
Less than 150 days ..... farms..	1 535	1 783	1 284	1 000	813	664
workers..	5 948	4 789	3 357	2 153	1 896	1 307
Contract labor ..... farms..	467	545	377	351	280	262
$1,000..	1 290	826	550	253	239	175
Farms with expenses of—						
$1 to $999	214	297	206	264	218	210
$1,000 to $4,999	151	199	163	87	56	52
$5,000 to $24,999	102	49	8	–	6	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Repair and maintenance ..... farms..	4 336	6 477	5 048	4 341	3 752	3 253
$1,000..	14 866	14 903	7 337	5 666	4 437	3 783
Farms with expenses of—						
$1 to $4,999	3 303	5 818	4 794	4 101	3 659	3 128
$5,000 to $24,999	1 032	651	252	240	82	124
$25,000 to $49,999	1	8	2	–	3	1
$50,000 or more	–	–	–	–	8	–
Customwork, machine hire, and rental of machinery and equipment..... farms..	1 787	2 418	1 511	1 173	841	574
$1,000..	3 776	3 126	1 141	569	324	202
Farms with expenses of—						
$1 to $999	727	1 284	1 155	1 018	758	520
$1,000 to $4,999	862	1 076	347	155	83	54
$5,000 to $24,999	198	58	9	–	–	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Interest ..... farms..	2 382	2 630	1 500	1 204	1 267	874
$1,000..	10 286	8 065	3 826	3 005	3 100	2 291
Farms with expenses of—						
$1 to $4,999	1 547	2 060	1 299	1 041	1 099	705
$5,000 to $24,999	834	568	201	163	168	169
$25,000 to $99,999	1	2	–	–	–	–
$100,000 or more	–	–	–	–	–	–
Secured by real estate ..... farms..	1 535	1 869	1 079	971	1 002	708
$1,000..	7 184	6 107	3 208	2 636	2 601	2 023
Farms with expenses of—						
$1 to $999	150	359	261	154	221	143
$1,000 to $4,999	813	1 130	656	676	661	431
$5,000 to $24,999	572	379	162	141	120	134
$25,000 to $49,999	–	1	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Not secured by real estate ..... farms..	1 512	1 320	625	440	423	277
$1,000..	3 101	1 959	618	369	499	268
Farms with expenses of—						
$1 to $999	541	606	401	302	224	161
$1,000 to $4,999	821	650	216	138	188	116
$5,000 to $24,999	150	64	8	–	11	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Cash rent ..... farms..	1 793	1 877	973	603	317	207
$1,000..	5 508	3 704	1 046	607	189	101
Farms with expenses of—						
$1 to $4,999	1 414	1 702	954	588	316	207
$5,000 to $9,999	311	147	19	8	–	–
$10,000 to $24,999	55	21	–	7	1	–
$25,000 or more	13	7	–	–	–	–
Property taxes ..... farms..	4 404	6 965	5 994	5 695	5 454	4 717
$1,000..	10 642	13 166	8 733	7 788	6 846	6 414
Farms with expenses of—						
$1 to $4,999	4 090	6 733	5 845	5 591	5 384	4 612
$5,000 to $9,999	287	201	132	103	60	87
$10,000 to $24,999	23	30	15	–	9	17
$25,000 or more	4	1	2	1	1	1
All other farm production expenses..... farms..	4 720	7 344	5 219	4 695	4 160	3 631
$1,000..	12 958	12 274	5 016	3 519	2 864	2 534
Farms with expenses of—						
$1 to $4,999	3 995	6 946	5 205	4 680	4 150	3 614
$5,000 to $24,999	725	397	14	14	10	17
$25,000 to $49,999	–	1	–	1	–	–
$50,000 to $99,999	–	–	–	–	–	–
$100,000 or more	–	–	–	–	–	–

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
NET CASH RETURN FROM AGRICULTURAL SALES AND GOVERNMENT PAYMENTS FOR THE FARM UNIT (SEE TEXT)[1]						
All farms ..... number..	46 040	461	891	1 905	4 005	3 724
$1,000..	779 447	231 019	156 906	181 550	156 926	68 112
Average per farm ..... dollars..	16 930	501 126	176 101	95 302	39 182	18 290
Farms with net gains[2] ..... number..	24 617	421	813	1 699	3 486	2 999
Average net gain ..... dollars..	38 682	599 174	201 540	113 587	49 929	26 478
Gain of—						
Less than $1,000	3 030	1	2	8	19	44
$1,000 to $9,999	9 999	4	11	44	236	457
$10,000 to $49,999	7 267	18	67	250	1 697	2 239
$50,000 or more	4 321	398	733	1 397	1 534	259
Farms with net losses ..... number..	21 423	40	78	206	519	725
Average net loss ..... dollars..	8 065	530 827	89 052	55 507	33 000	15 579
Loss of—						
Less than $1,000	3 340	–	1	7	13	50
$1,000 to $9,999	14 534	2	12	35	136	311
$10,000 to $49,999	3 258	9	23	93	294	340
$50,000 or more	291	29	42	71	76	24
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ..... farms..	18 851	281	645	1 504	2 666	2 151
$1,000..	92 806	8 600	13 050	19 496	18 320	8 619
Other farm-related income[1] ..... farms..	11 609	191	380	769	1 538	1 347
$1,000..	61 699	5 840	5 373	7 459	9 012	6 452
Customwork and other agricultural services ..... farms..	3 312	77	151	322	607	393
$1,000..	22 647	3 392	2 773	4 419	4 525	2 166
Gross cash rent or share payments ..... farms..	4 372	49	47	99	177	266
$1,000..	19 279	1 079	869	762	1 322	1 796
Forest products, excluding Christmas trees and maple products ..... farms..	1 494	14	27	63	107	158
$1,000..	10 013	202	329	854	1 217	1 418
Other farm-related income sources ..... farms..	4 791	129	288	542	990	883
$1,000..	9 761	1 166	1 401	1 425	1 948	1 072
COMMODITY CREDIT CORPORATION LOANS						
Total ..... farms..	1 587	57	173	298	429	204
$1,000..	51 618	9 455	16 158	13 237	9 784	1 762
Corn ..... farms..	1 322	54	158	245	369	174
$1,000..	33 325	6 912	10 851	8 173	5 665	1 142
Wheat ..... farms..	377	10	21	60	99	54
$1,000..	2 101	400	330	701	468	78
Soybeans ..... farms..	489	15	55	103	129	63
$1,000..	16 104	2 144	4 953	4 332	3 635	540
Sorghum, barley, and oats ..... farms..	60	–	3	10	14	10
$1,000..	(D)	–	25	32	15	2
Cotton ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	1	–	–	–	–	–
$1,000..	(D)	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE						
Total cropland ..... farms..	43 017	430	870	1 993	3 979	3 650
acres..	7 891 802	691 492	982 579	1 467 683	1 653 173	858 467
Harvested cropland ..... farms..	37 941	420	869	1 977	3 937	3 604
acres..	6 724 480	653 748	942 708	1 397 830	1 519 904	747 080
Farms by acres harvested:						
1 to 49 acres	17 921	69	64	103	323	523
50 to 99 acres	6 342	6	13	52	264	405
100 to 199 acres	5 247	13	34	115	518	797
200 to 499 acres	4 915	32	129	467	1 603	1 785
500 to 999 acres	2 289	75	243	716	1 140	94
1,000 to 1,999 acres	950	98	255	506	88	–
2,000 acres or more	277	127	131	18	1	–
Cropland:						
Pasture or grazing only ..... farms..	14 850	72	168	473	1 121	1 110
acres..	481 259	9 573	12 186	27 962	59 812	54 185
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	5 423	62	107	215	462	384
acres..	197 004	10 080	6 241	10 905	17 540	12 335
On which all crops failed ..... farms..	1 772	14	29	64	169	180
acres..	39 640	856	1 632	3 959	5 423	4 570
In cultivated summer fallow ..... farms..	2 749	28	50	114	275	250
acres..	73 243	3 944	3 493	6 292	10 732	8 797
Idle ..... farms..	10 334	105	197	360	772	731
acres..	376 176	13 291	16 319	20 735	39 762	31 500
Total woodland ..... farms..	24 314	210	462	1 093	2 216	2 011
acres..	1 142 688	40 792	44 305	93 120	147 485	111 728
Woodland pastured ..... farms..	4 658	34	62	150	315	352
acres..	151 171	4 496	2 617	8 886	19 413	14 475
Woodland not pastured ..... farms..	22 014	196	436	1 040	2 081	1 876
acres..	991 517	36 296	41 688	84 234	128 072	97 253

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
NET CASH RETURN FROM AGRICULTURAL SALES AND GOVERNMENT PAYMENTS FOR THE FARM UNIT (SEE TEXT)[1]						
All farms ..... number..	4 722	7 474	6 420	5 946	5 663	4 829
$1,000..	34 354	8 516	–4 870	–13 486	–17 785	–21 794
Average per farm ..... dollars..	7 275	1 139	–759	–2 268	–3 141	–4 513
Farms with net gains[2] ..... number..	3 542	4 700	3 290	2 365	1 184	118
Average net gain ..... dollars..	12 981	6 310	3 018	1 396	663	264
Gain of—						
Less than $1,000	150	391	494	903	900	118
$1,000 to $9,999	1 328	3 377	2 796	1 462	284	–
$10,000 to $49,999	2 064	932	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Farms with net losses ..... number..	1 180	2 774	3 130	3 581	4 479	4 711
Average net loss ..... dollars..	9 853	7 620	4 728	4 688	4 146	4 633
Loss of—						
Less than $1,000	100	327	532	711	1 087	512
$1,000 to $9,999	670	1 841	2 253	2 456	3 059	3 759
$10,000 to $49,999	409	580	341	413	319	437
$50,000 or more	1	26	4	1	14	3
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ..... farms..	2 227	3 024	2 146	1 970	1 892	345
$1,000..	6 072	6 767	5 108	4 143	2 522	109
Other farm-related income[1] ..... farms..	1 282	1 742	1 408	1 190	1 070	692
$1,000..	5 987	8 486	3 938	4 091	3 320	1 742
Customwork and other agricultural services ..... farms..	414	464	322	268	173	121
$1,000..	1 855	1 637	831	547	347	154
Gross cash rent or share payments ..... farms..	373	791	754	644	723	449
$1,000..	1 831	4 148	2 204	2 016	2 314	939
Forest products, excluding Christmas trees and maple products ..... farms..	186	236	221	226	176	80
$1,000..	1 509	1 820	745	1 141	586	192
Other farm-related income sources ..... farms..	603	661	300	184	84	127
$1,000..	791	881	159	388	72	457
COMMODITY CREDIT CORPORATION LOANS						
Total ..... farms..	154	157	61	31	18	5
$1,000..	732	403	68	13	4	1
Corn ..... farms..	124	125	40	20	9	4
$1,000..	366	(D)	32	(D)	(D)	(D)
Wheat ..... farms..	47	59	17	7	3	–
$1,000..	69	40	10	3	1	–
Soybeans ..... farms..	49	52	12	7	4	–
$1,000..	295	188	14	3	1	–
Sorghum, barley, and oats ..... farms..	6	7	5	2	2	1
$1,000..	1	(D)	(D)	(D)	(D)	(D)
Cotton ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	–	–	1	–	–	–
$1,000..	–	–	(D)	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE						
Total cropland ..... farms..	4 426	7 220	5 983	5 410	5 173	3 883
acres..	647 948	673 358	377 949	254 412	181 075	103 666
Harvested cropland ..... farms..	4 326	6 865	5 249	4 217	3 612	2 865
acres..	534 403	479 964	216 086	116 849	74 949	40 959
Farms by acres harvested:						
1 to 49 acres	962	2 466	3 687	3 648	3 312	2 764
50 to 99 acres	695	2 904	1 227	460	240	76
100 to 199 acres	1 975	1 335	298	92	47	23
200 to 499 acres	682	152	36	17	10	2
500 to 999 acres	11	7	1	–	2	–
1,000 to 1,999 acres	1	1	–	–	1	–
2,000 acres or more	–	–	–	–	–	–
Cropland:						
Pasture or grazing only ..... farms..	1 288	2 323	2 239	2 102	1 871	2 083
acres..	53 373	83 462	63 304	48 927	33 667	34 808
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	483	826	796	846	874	368
acres..	16 470	34 238	31 290	30 989	22 031	4 885
On which all crops failed ..... farms..	190	290	260	208	174	194
acres..	4 262	5 415	4 739	2 761	3 044	2 979
In cultivated summer fallow ..... farms..	324	542	460	342	234	130
acres..	9 216	11 790	7 675	5 831	3 815	1 658
Idle ..... farms..	972	1 637	1 509	1 483	1 601	967
acres..	30 224	58 489	54 855	49 055	43 569	18 377
Total woodland ..... farms..	2 456	4 011	3 383	3 225	2 996	2 251
acres..	113 470	167 760	131 251	124 011	100 731	68 035
Woodland pastured ..... farms..	439	837	745	661	551	512
acres..	15 818	28 079	20 946	16 199	10 197	10 045
Woodland not pastured ..... farms..	2 246	3 611	2 999	2 867	2 699	1 963
acres..	97 652	139 681	110 305	107 812	90 534	57 990

See footnotes at end of table.

Table 52. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
LAND IN FARMS ACCORDING TO USE—Con.						
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	5 876	44	65	185	375	351
acres..	187 975	4 641	4 146	17 421	21 947	18 379
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	32 389	349	640	1 415	2 758	2 538
acres..	650 347	31 430	40 584	70 348	88 119	56 852
Irrigated land ..... farms..	3 752	216	288	467	681	447
acres..	393 485	126 770	81 092	90 064	57 014	19 038
Harvested cropland irrigated ..... farms..	3 669	216	288	464	678	446
acres..	390 636	(D)	80 295	89 630	56 829	18 873
Pasture and other land irrigated ..... farms..	161	2	7	10	13	7
acres..	2 849	(D)	797	434	185	165
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	5 251	41	63	170	296	226
acres..	287 081	4 970	3 594	6 996	13 635	13 757
VALUE OF LAND AND BUILDINGS[1]						
Estimated market value of land and buildings ..... farms..	46 040	461	891	1 905	4 005	3 724
$1,000..	16 489 949	1 383 424	1 670 407	2 411 538	2 795 357	1 574 041
Average per farm ..... dollars..	358 166	3 000 919	1 874 755	1 265 899	697 967	422 675
Average per acre ..... dollars..	1 671	1 801	1 559	1 521	1 498	1 446
Farms by value group:						
$1 to $39,999	2 925	1	2	4	10	52
$40,000 to $69,999	3 781	3	6	3	38	97
$70,000 to $99,999	4 603	5	7	13	40	124
$100,000 to $149,999	7 553	7	9	11	166	191
$150,000 to $199,999	5 941	6	5	29	215	278
$200,000 to $499,999	13 173	23	87	297	1 225	1 865
$500,000 to $999,999	4 701	52	195	542	1 458	934
$1,000,000 to $1,999,999	2 280	128	272	688	724	161
$2,000,000 to $4,999,999	921	148	264	300	121	21
$5,000,000 or more	162	88	44	18	8	1
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ..... farms..	46 039	461	891	1 905	4 005	3 724
$1,000..	3 055 199	285 443	312 309	488 253	566 268	344 451
Farms by value group:						
$1 to $4,999	3 530	–	–	8	21	40
$5,000 to $9,999	5 476	–	5	7	31	108
$10,000 to $19,999	8 759	3	12	25	178	193
$20,000 to $49,999	12 691	22	40	110	452	802
$50,000 to $99,999	7 258	38	53	146	889	1 191
$100,000 to $199,999	4 553	59	155	479	1 424	976
$200,000 to $499,999	3 116	148	426	947	958	397
$500,000 or more	656	191	200	183	52	17
SELECTED MACHINERY AND EQUIPMENT[1]						
Motortrucks, including pickups ..... farms..	39 295	461	891	1 905	3 966	3 450
number..	76 320	3 644	4 497	7 120	10 925	7 299
Wheel tractors ..... farms..	42 549	419	822	1 714	3 681	3 508
number..	115 020	3 406	4 909	8 403	13 744	11 529
Less than 40 horsepower (PTO) ..... farms..	24 842	221	382	863	1 817	1 719
number..	38 792	644	817	1 566	3 151	2 832
40 horsepower (PTO) or more ..... farms..	33 633	386	752	1 552	3 229	3 268
number..	76 228	2 762	4 092	6 837	10 593	8 697
40 to 99 horsepower (PTO) ..... farms..	30 648	325	640	1 353	2 814	2 866
number..	52 624	1 423	1 976	3 436	5 789	5 238
100 horsepower (PTO) or more ..... farms..	13 905	296	594	1 221	2 363	2 323
number..	23 604	1 339	2 116	3 401	4 804	3 459
Grain and bean combines ..... farms..	14 570	216	551	1 267	2 256	1 988
number..	17 075	333	762	1 577	2 725	2 311
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–
number..	–	–	–	–	–	–
Mower conditioners ..... farms..	17 162	122	327	817	1 636	1 550
number..	18 578	153	384	918	1 803	1 723
Pickup balers ..... farms..	16 864	119	319	813	1 562	1 615
number..	20 995	167	449	1 114	2 080	2 114
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer ..... farms..	29 377	414	854	1 830	3 706	3 322
acres on which used..	5 612 394	597 726	852 844	1 196 404	1 312 113	627 237
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops ..... farms..	9 816	317	519	964	1 756	1 358
acres on which used..	1 252 567	237 932	230 046	265 368	258 674	108 153
Nematodes in crops ..... farms..	1 010	40	66	83	183	127
acres on which used..	122 416	24 649	19 203	18 606	27 259	12 375
Diseases in crops and orchards ..... farms..	4 101	165	218	324	724	545
acres on which used..	369 437	102 212	63 999	58 428	69 707	29 411
Weeds, grass, or brush in crops and pasture ..... farms..	20 327	313	669	1 408	3 126	2 746
acres on which used..	4 321 549	470 000	680 001	904 560	1 046 962	528 217
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	1 391	59	91	139	287	208
acres on which used..	129 348	26 323	20 261	27 322	23 478	13 491

See footnotes at end of table.

Table 52. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
LAND IN FARMS ACCORDING TO USE—Con.						
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	505	864	841	858	828	960
acres..	17 502	28 673	20 260	18 897	17 978	18 131
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	3 086	5 137	4 547	4 235	4 201	3 483
acres..	59 184	86 003	70 567	59 737	51 590	35 933
Irrigated land ..... farms..	394	440	269	197	211	142
acres..	9 636	5 219	1 963	1 158	912	619
Harvested cropland irrigated ..... farms..	392	429	259	183	192	122
acres..	9 497	4 844	1 741	982	805	(D)
Pasture and other land irrigated ..... farms..	9	20	19	23	28	23
acres..	139	375	222	176	107	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	305	640	861	1 196	1 371	82
acres..	20 012	55 532	63 600	62 674	41 584	727
VALUE OF LAND AND BUILDINGS[1]						
Estimated market value of land and buildings ..... farms..	4 722	7 474	6 420	5 946	5 663	4 829
$1,000..	1 396 107	1 672 665	1 072 510	940 751	807 438	765 713
Average per farm ..... dollars..	295 660	223 798	167 058	158 216	142 581	158 566
Average per acre ..... dollars..	1 575	1 730	1 839	1 964	2 428	3 205
Farms by value group:						
$1 to $39,999	158	348	491	539	716	604
$40,000 to $69,999	121	447	841	679	819	727
$70,000 to $99,999	189	719	856	859	916	875
$100,000 to $149,999	643	1 450	1 478	1 442	1 189	967
$150,000 to $199,999	636	1 385	1 012	1 008	848	519
$200,000 to $499,999	2 391	2 562	1 517	1 213	1 044	949
$500,000 to $999,999	491	443	184	161	97	144
$1,000,000 to $1,999,999	62	101	34	45	32	33
$2,000,000 to $4,999,999	31	19	7	–	1	9
$5,000,000 or more	–	–	–	–	1	2
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ..... farms..	4 722	7 474	6 419	5 946	5 663	4 829
$1,000..	225 351	264 536	182 155	144 229	126 566	115 638
Farms by value group:						
$1 to $4,999	183	384	642	740	788	724
$5,000 to $9,999	376	816	909	1 017	1 308	899
$10,000 to $19,999	747	1 703	1 676	1 481	1 521	1 220
$20,000 to $49,999	1 585	2 628	2 212	2 001	1 428	1 411
$50,000 to $99,999	1 254	1 534	731	543	449	430
$100,000 to $199,999	496	356	202	154	122	130
$200,000 to $499,999	81	52	42	10	47	8
$500,000 or more	–	1	5	–	–	7
SELECTED MACHINERY AND EQUIPMENT[1]						
Motortrucks, including pickups ..... farms..	4 100	6 423	5 198	4 614	4 451	3 836
number..	7 383	10 086	7 299	6 643	6 137	5 287
Wheel tractors ..... farms..	4 456	7 032	6 069	5 429	5 177	4 242
number..	12 665	17 844	13 585	11 357	9 871	7 707
Less than 40 horsepower (PTO) ..... farms..	2 449	4 105	3 580	3 400	3 530	2 776
number..	3 931	6 251	5 542	5 198	5 007	3 853
40 horsepower (PTO) or more ..... farms..	3 916	6 050	4 713	3 922	3 242	2 603
number..	8 734	11 593	8 043	6 159	4 864	3 854
40 to 99 horsepower (PTO) ..... farms..	3 559	5 539	4 412	3 654	3 051	2 435
number..	6 157	9 097	6 797	5 193	4 192	3 326
100 horsepower (PTO) or more ..... farms..	2 005	2 086	1 092	860	596	469
number..	2 577	2 496	1 246	966	672	528
Grain and bean combines ..... farms..	2 041	2 856	1 585	888	581	341
number..	2 336	3 235	1 759	1 011	653	373
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–
number..	–	–	–	–	–	–
Mower conditioners ..... farms..	1 697	2 994	2 620	2 321	1 597	1 481
number..	1 845	3 213	2 813	2 492	1 688	1 546
Pickup balers ..... farms..	1 824	3 043	2 493	2 153	1 451	1 472
number..	2 318	3 815	3 044	2 592	1 647	1 655
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer ..... farms..	3 890	5 598	3 796	2 477	1 973	1 517
acres on which used..	448 351	347 011	125 915	56 210	29 667	18 916
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops ..... farms..	1 464	1 434	905	461	368	270
acres on which used..	76 294	49 443	14 516	6 409	3 301	2 431
Nematodes in crops ..... farms..	107	170	118	52	44	20
acres on which used..	9 419	5 888	2 692	1 058	458	809
Diseases in crops and orchards ..... farms..	568	580	426	155	254	142
acres on which used..	22 250	13 149	4 130	1 698	3 857	596
Weeds, grass, or brush in crops and pasture ..... farms..	3 157	4 184	2 232	1 307	818	367
acres on which used..	345 760	238 972	63 773	25 863	13 187	4 254
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	143	142	131	60	58	73
acres on which used..	7 089	6 863	2 425	818	800	478

See footnotes at end of table.

USDA, National Agricultural Statistics Service

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
TENURE AND RACE OF OPERATOR						
All operators	46 027	461	891	2 027	4 036	3 718
Full owners	27 933	117	162	337	954	1 319
Part owners	15 497	301	670	1 566	2 824	2 127
Tenants	2 597	43	59	124	258	272
White	45 708	460	889	2 024	4 018	3 702
Full owners	27 694	117	162	334	944	1 312
Part owners	15 427	300	668	1 566	2 817	2 120
Tenants	2 587	43	59	124	257	270
Black and other races	319	1	2	3	18	16
Full owners	239	–	–	3	10	7
Part owners	70	1	2	–	7	7
Tenants	10	–	–	–	1	2
OWNED AND RENTED LAND						
Land owned ... farms	43 517	419	834	1 908	3 784	3 451
acres	6 511 133	368 576	500 665	819 445	1 037 153	681 443
Owned land in farms ... farms	43 430	418	832	1 903	3 778	3 446
acres	6 054 109	351 521	489 462	804 483	1 009 028	651 045
Land rented or leased from others ... farms	18 234	345	730	1 697	3 088	2 408
acres	3 852 924	420 479	584 998	847 038	906 694	397 392
landlords	66 298	3 411	6 131	11 088	15 049	8 194
Rented or leased land in farms ... farms	18 094	344	729	1 690	3 082	2 399
acres	3 818 703	416 834	582 152	844 089	901 696	394 381
Land rented or leased to others ... farms	6 290	79	86	155	320	316
acres	491 245	20 700	14 049	17 911	33 123	33 409
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	37 077	280	667	1 641	3 408	3 090
Not on farm operated	6 043	128	141	198	411	436
Not reported	2 907	53	83	188	217	192
Operators by principal occupation:						
Farming	22 043	439	851	1 933	3 547	2 778
Other	23 984	22	40	94	489	940
Operators by days worked off farm:						
None	17 964	373	709	1 498	2 614	1 893
Any	25 906	44	109	357	1 210	1 653
1 to 99 days	3 489	25	53	188	442	436
100 to 199 days	3 849	6	14	47	253	308
200 days or more	18 568	13	42	122	515	909
Not reported	2 157	44	73	172	212	172
Operators by years on present farm:						
2 years or less	1 810	8	20	23	68	100
3 or 4 years	2 532	6	23	37	115	141
5 to 9 years	5 715	23	47	140	318	349
10 years or more	28 751	322	645	1 479	3 025	2 594
Average years on present farm	21.6	26.3	25.3	25.1	24.7	24.0
Not reported	7 219	102	156	348	510	534
Operators by age group:						
Under 25 years	459	2	8	10	37	43
25 to 34 years	3 114	26	52	158	339	316
35 to 44 years	9 770	105	247	552	1 037	885
45 to 49 years	5 906	66	147	322	597	424
50 to 54 years	5 978	71	136	306	523	458
55 to 59 years	5 598	72	103	256	514	459
60 to 64 years	4 812	46	82	190	442	432
65 to 69 years	3 901	45	51	116	248	292
70 years and over	6 489	28	65	117	299	409
Average age	53.3	51.7	50.3	49.8	50.4	51.8
Operators by sex:						
Male	42 094	453	876	1 991	3 924	3 531
Female	3 933	8	15	36	112	187
Operators of Spanish, Hispanic, or Latino origin (see text)	280	5	6	13	22	30
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship) ... farms	40 190	129	380	1 288	3 141	3 134
acres	7 205 435	206 462	482 871	1 054 552	1 485 888	891 267
Partnership ... farms	3 778	130	294	465	592	392
acres	1 717 866	279 941	379 992	394 608	308 177	112 920
Corporation:						
Family held ... farms	1 662	179	203	252	272	161
acres	842 331	249 696	197 450	188 385	107 385	33 096
More than 10 stockholders ... farms	30	9	5	2	3	1
10 or less stockholders ... farms	1 632	170	198	250	269	160
Other than family held ... farms	172	17	8	12	23	21
acres	41 864	12 692	5 685	3 818	4 351	5 866
More than 10 stockholders ... farms	17	6	1	–	1	2
10 or less stockholders ... farms	155	11	7	12	22	19
Other—cooperative, estate or trust, institutional, etc. ... farms	225	6	6	10	8	10
acres	65 316	19 564	5 616	7 209	4 923	2 277

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
TENURE AND RACE OF OPERATOR						
All operators	4 543	7 469	6 346	5 943	5 921	4 672
Full owners	2 200	4 497	4 554	4 683	5 039	4 071
Part owners	2 022	2 435	1 432	996	669	455
Tenants	321	537	360	264	213	146
White	4 521	7 408	6 314	5 897	5 863	4 612
Full owners	2 185	4 450	4 529	4 647	4 994	4 020
Part owners	2 015	2 422	1 425	986	661	447
Tenants	321	536	360	264	208	145
Black and other races	22	61	32	46	58	60
Full owners	15	47	25	36	45	51
Part owners	7	13	7	10	8	8
Tenants	–	1	–	–	5	1
OWNED AND RENTED LAND						
Land owned ... farms	4 234	6 950	5 994	5 691	5 719	4 533
acres	625 824	828 282	569 267	464 017	384 273	232 188
Owned land in farms ... farms	4 222	6 932	5 986	5 679	5 708	4 526
acres	580 699	735 571	503 743	405 926	320 404	202 227
Land rented or leased from others ... farms	2 359	2 998	1 820	1 276	902	611
acres	261 742	223 662	100 127	53 140	32 859	24 793
landlords	6 421	6 901	4 117	2 291	1 669	1 026
Rented or leased land in farms ... farms	2 343	2 972	1 792	1 260	882	601
acres	257 405	220 223	96 284	51 131	30 970	23 538
Land rented or leased to others ... farms	505	1 052	1 012	1 015	1 093	657
acres	49 462	96 150	69 367	60 100	65 758	31 216
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	3 753	6 019	5 085	4 697	4 566	3 871
Not on farm operated	571	1 047	861	846	910	494
Not reported	219	403	400	400	445	307
Operators by principal occupation:						
Farming	2 696	3 413	2 313	1 678	1 354	1 041
Other	1 847	4 056	4 033	4 265	4 567	3 631
Operators by days worked off farm:						
None	1 805	2 515	1 972	1 757	1 641	1 187
Any	2 531	4 597	4 085	3 923	4 040	3 357
1 to 99 days	433	583	433	321	312	263
100 to 199 days	434	736	601	532	469	449
200 days or more	1 664	3 278	3 051	3 070	3 259	2 645
Not reported	207	357	289	263	240	128
Operators by years on present farm:						
2 years or less	150	272	292	286	311	280
3 or 4 years	202	387	385	411	407	418
5 to 9 years	455	958	862	814	950	799
10 years or more	3 111	4 751	3 801	3 414	3 183	2 426
Average years on present farm	24.0	22.9	21.3	20.0	18.4	16.0
Not reported	625	1 101	1 006	1 018	1 070	749
Operators by age group:						
Under 25 years	61	100	74	60	44	20
25 to 34 years	334	502	395	375	321	296
35 to 44 years	915	1 434	1 164	1 139	1 219	1 073
45 to 49 years	510	846	739	750	790	715
50 to 54 years	581	884	792	746	799	682
55 to 59 years	540	859	761	710	737	587
60 to 64 years	528	804	683	596	566	443
65 to 69 years	400	697	605	567	512	368
70 years and over	674	1 343	1 133	1 000	933	488
Average age	53.5	54.6	54.9	54.5	54.2	52.3
Operators by sex:						
Male	4 291	6 993	5 787	5 270	5 177	3 801
Female	252	476	559	673	744	871
Operators of Spanish, Hispanic, or Latino origin (see text)	26	36	42	38	30	32
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship) ... farms	4 008	6 757	5 891	5 525	5 583	4 354
acres	739 708	856 405	546 247	418 142	321 137	202 756
Partnership ... farms	394	522	290	295	238	166
acres	80 477	70 007	34 940	25 013	22 845	8 946
Corporation:						
Family held ... farms	114	130	96	80	65	110
acres	14 833	20 060	9 801	9 416	3 414	8 795
More than 10 stockholders ... farms	3	1	2	3	–	1
10 or less stockholders ... farms	111	129	94	77	65	109
Other than family held ... farms	9	21	23	10	10	18
acres	528	2 635	2 676	1 619	1 193	801
More than 10 stockholders ... farms	–	2	2	–	1	2
10 or less stockholders ... farms	9	19	21	10	9	16
Other—cooperative, estate or trust, institutional, etc. ... farms	18	39	46	33	25	24
acres	2 558	6 687	6 363	2 867	2 785	4 467

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
INJURIES AND DEATHS						
Farm-related injuries:						
Operator and family members ..... farms..	448	14	21	34	59	47
number..	503	19	26	41	64	49
Hired workers ..... farms..	364	89	74	68	66	15
number..	554	207	103	83	77	17
Farm-related deaths:						
Operator and family members ..... farms..	7	1	1	–	2	1
number..	7	(D)	(D)	–	(D)	(D)
Hired workers ..... farms..	4	1	1	–	–	–
number..	4	(D)	(D)	–	–	–
FARMS BY SIZE						
1 to 9 acres	2 611	23	34	56	102	104
10 to 49 acres	12 075	57	33	54	157	249
50 to 69 acres	3 563	11	4	14	53	96
70 to 99 acres	5 801	8	11	23	113	207
100 to 139 acres	4 572	8	12	36	150	225
140 to 179 acres	3 503	6	11	35	172	275
180 to 219 acres	2 401	3	6	34	179	365
220 to 259 acres	1 683	2	12	43	195	348
260 to 499 acres	4 905	26	72	308	1 203	1 464
500 to 999 acres	3 201	58	243	727	1 486	352
1,000 to 1,999 acres	1 338	103	292	660	215	30
2,000 acres or more	374	156	161	37	11	3
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM						
Oilseed and grain farming (1111)	16 307	58	256	758	1 629	1 631
Vegetable and melon farming (1112)	1 428	55	78	92	173	138
Fruit and tree nut farming (1113)	2 668	20	64	145	334	324
Greenhouse, nursery, and floriculture production (1114)	3 054	94	81	124	308	259
Other crop farming (1119)	6 191	21	50	96	161	234
Tobacco farming (11191)	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	6 191	21	50	96	161	234
Beef cattle ranching and farming (112111)	4 765	6	14	46	114	143
Cattle feedlots (112112)	1 791	30	26	34	61	120
Dairy cattle and milk production (11212)	3 177	77	239	599	1 023	656
Hog and pig farming (1122)	1 178	58	61	107	177	111
Poultry and egg production (1123)	400	39	15	12	15	9
Sheep and goat farming (1124)	681	–	3	–	3	9
Animal aquaculture and other animal production (1125, 1129)	4 387	3	4	14	38	84
LIVESTOCK						
Cattle and calves inventory ..... farms..	15 468	152	353	928	1 709	1 486
number..	1 025 702	153 099	130 729	201 755	195 796	99 893
Farms with—						
1 to 9	3 913	4	12	22	87	92
10 to 49	6 732	11	10	69	227	477
50 to 99	2 148	3	9	47	422	640
100 to 199	1 497	4	28	268	782	247
200 to 499	955	15	215	502	185	28
500 or more	223	115	79	20	6	2
Cows and heifers that had calved ..... farms..	11 140	101	296	753	1 356	1 098
number..	417 040	51 874	55 658	85 302	85 221	39 118
Beef cows ..... farms..	7 566	18	38	122	295	397
number..	116 399	1 756	2 552	5 316	10 312	10 913
Farms with—						
1 to 9	3 880	3	6	28	98	124
10 to 49	3 289	6	16	63	129	208
50 to 99	304	5	8	14	42	49
100 to 199	79	2	6	13	23	14
200 to 499	11	1	1	4	3	2
500 or more	3	1	1	–	–	–
Milk cows ..... farms..	3 990	88	270	674	1 132	777
number..	300 641	50 118	53 106	79 986	74 909	28 205
Farms with—						
1 to 4	334	–	–	–	11	10
5 to 9	154	–	–	1	6	11
10 to 49	1 493	–	3	20	256	620
50 to 99	1 048	2	13	180	713	134
100 to 199	714	8	126	434	144	2
200 to 499	208	40	127	39	2	–
500 or more	39	38	1	–	–	–
Heifers and heifer calves ..... farms..	10 594	106	295	755	1 347	1 096
number..	321 816	44 872	48 626	70 928	66 184	30 074
Steers, steer calves, bulls, and bull calves ..... farms..	12 981	133	293	727	1 346	1 208
number..	286 846	56 353	26 445	45 525	44 391	30 701

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
INJURIES AND DEATHS						
Farm-related injuries:						
Operator and family members ..... farms..	42	76	51	36	35	33
number..	48	81	56	44	40	35
Hired workers ..... farms..	18	10	11	6	2	5
number..	23	12	14	9	(D)	(D)
Farm-related deaths:						
Operator and family members ..... farms..	–	–	1	–	1	–
number..	–	–	(D)	–	(D)	–
Hired workers ..... farms..	1	–	–	1	–	–
number..	(D)	–	–	(D)	–	–
FARMS BY SIZE						
1 to 9 acres	139	274	330	385	587	577
10 to 49 acres	480	1 197	1 923	2 270	2 908	2 747
50 to 69 acres	207	715	738	673	664	388
70 to 99 acres	378	1 502	1 121	1 156	822	460
100 to 139 acres	608	1 325	870	659	442	237
140 to 179 acres	760	911	602	376	248	107
180 to 219 acres	628	557	314	163	96	56
220 to 259 acres	436	321	163	75	55	33
260 to 499 acres	750	542	244	165	81	50
500 to 999 acres	141	114	35	18	16	11
1,000 to 1,999 acres	14	10	6	1	1	6
2,000 acres or more	2	1	–	2	1	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM						
Oilseed and grain farming (1111)	2 227	3 362	2 259	1 935	1 869	323
Vegetable and melon farming (1112)	148	282	191	135	77	59
Fruit and tree nut farming (1113)	379	404	259	202	189	348
Greenhouse, nursery, and floriculture production (1114)	318	455	333	311	607	164
Other crop farming (1119)	379	1 178	1 248	1 154	1 008	662
Tobacco farming (11191)	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	379	1 178	1 248	1 154	1 008	662
Beef cattle ranching and farming (112111)	242	693	877	1 017	871	742
Cattle feedlots (112112)	151	349	377	354	247	42
Dairy cattle and milk production (11212)	365	177	28	7	2	4
Hog and pig farming (1122)	143	138	114	110	90	69
Poultry and egg production (1123)	11	24	31	36	97	111
Sheep and goat farming (1124)	22	39	117	126	213	149
Animal aquaculture and other animal production (1125, 1129)	158	368	512	556	651	1 999
LIVESTOCK						
Cattle and calves inventory ..... farms..	1 596	2 571	2 156	1 919	1 459	1 139
number..	64 941	77 699	45 929	30 217	17 309	8 335
Farms with—						
1 to 9	190	542	589	733	749	893
10 to 49	928	1 558	1 400	1 125	685	242
50 to 99	395	397	154	55	23	3
100 to 199	76	71	13	6	2	–
200 to 499	7	2	–	–	–	1
500 or more	–	1	–	–	–	–
Cows and heifers that had calved ..... farms..	1 095	1 771	1 535	1 369	1 037	729
number..	25 158	31 241	19 612	13 106	7 531	3 219
Beef cows ..... farms..	686	1 542	1 475	1 319	997	677
number..	15 164	27 991	19 130	12 856	7 364	3 045
Farms with—						
1 to 9	230	543	696	790	745	617
10 to 49	379	909	756	517	247	59
50 to 99	65	82	21	12	5	1
100 to 199	12	7	2	–	–	–
200 to 499	–	–	–	–	–	–
500 or more	–	1	–	–	–	–
Milk cows ..... farms..	457	273	98	79	70	72
number..	9 994	3 250	482	250	167	174
Farms with—						
1 to 4	21	56	59	57	58	62
5 to 9	23	45	24	22	12	10
10 to 49	407	172	15	–	–	–
50 to 99	6	–	–	–	–	–
100 to 199	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–
500 or more	–	–	–	–	–	–
Heifers and heifer calves ..... farms..	1 085	1 716	1 433	1 241	895	625
number..	16 768	19 937	10 920	7 322	4 252	1 933
Steers, steer calves, bulls, and bull calves ..... farms..	1 398	2 274	1 879	1 662	1 192	869
number..	23 015	26 521	15 397	9 789	5 526	3 183

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
LIVESTOCK—Con.						
Cattle and calves sold ..... farms..	14 293	152	355	935	1 714	1 474
number..	537 681	151 056	57 519	88 449	79 335	44 962
$1,000..	276 971	91 483	31 414	42 053	38 418	22 748
Calves ..... farms..	6 739	65	196	534	991	758
number..	171 501	35 807	15 766	35 065	28 793	13 653
$1,000..	27 547	2 897	2 270	5 794	4 804	2 572
Cattle ..... farms..	11 752	140	317	819	1 448	1 230
number..	366 180	115 249	41 753	53 384	50 542	31 309
$1,000..	249 424	88 586	29 145	36 259	33 615	20 177
Fattened on grain and concentrates .... farms..	4 729	76	131	331	532	482
number..	210 652	99 820	25 428	26 022	21 088	13 842
$1,000..	164 956	79 380	19 960	21 188	16 438	10 502
Hogs and pigs inventory ..... farms..	2 853	81	96	187	325	287
number..	1 032 014	408 954	201 963	176 732	135 927	44 391
Farms with—						
1 to 24	1 424	–	4	19	47	74
25 to 49	248	1	2	3	11	19
50 to 99	274	1	–	6	27	42
100 to 199	226	–	1	17	21	63
200 to 499	265	3	8	25	95	73
500 or more	416	76	81	117	124	16
Used or to be used for breeding ..... farms..	1 524	41	59	104	203	185
number..	129 404	46 624	31 821	18 078	17 553	5 684
Other ..... farms..	2 673	81	92	182	321	271
number..	902 610	362 330	170 142	158 654	118 374	38 707
Hogs and pigs sold..... farms..	2 690	82	98	193	340	285
number..	2 206 940	977 997	481 031	311 462	256 102	78 851
$1,000..	228 488	104 924	43 994	34 939	26 961	8 171
Feeder pigs ..... farms..	481	14	15	24	55	44
number..	358 029	117 014	134 579	24 477	41 037	15 534
$1,000..	13 272	4 971	3 729	1 021	1 902	686
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 .... farms..	1 604	42	59	109	210	194
number..	194 794	75 350	45 617	26 398	27 044	8 226
Dec. 1 and May 31..... farms..	1 476	41	59	103	205	179
number..	97 977	38 244	21 925	12 885	14 214	4 263
June 1 and Nov. 30 ..... farms..	1 346	41	58	105	193	181
number..	96 817	37 106	23 692	13 513	12 830	3 963
Sheep and lambs of all ages inventory..... farms..	1 628	1	11	23	70	97
number..	72 107	(D)	6 348	(D)	9 367	7 181
Ewes 1 year old or older ..... farms..	1 379	1	9	13	61	80
number..	36 241	(D)	1 720	(D)	3 089	3 444
Sheep and lambs sold..... farms..	1 436	1	10	20	61	83
number..	77 146	(D)	14 425	(D)	8 551	6 113
Sheep and lambs shorn ..... farms..	1 257	1	8	14	57	65
number..	61 122	(D)	10 515	(D)	5 892	5 461
pounds of wool..	431 678	(D)	72 091	(D)	38 423	40 182
Horses and ponies inventory ..... farms..	9 090	21	51	114	287	358
number..	66 201	127	367	743	2 016	3 151
Horses and ponies sold..... farms..	2 482	3	5	12	44	81
number..	9 646	(D)	(D)	118	581	853
Goats inventory ..... farms..	1 245	2	3	9	32	44
number..	10 603	(D)	(D)	52	858	614
Goats sold ..... farms..	371	–	2	4	8	10
number..	4 168	–	(D)	(D)	123	236
POULTRY						
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	2 276	18	9	24	58	103
number..	6 043 468	5 179 042	(D)	(D)	(D)	(D)
Farms with—						
1 to 399	2 216	1	3	16	50	95
400 to 3,199	25	1	1	1	3	6
3,200 to 9,999.....	3	–	–	–	2	1
10,000 to 19,999	3	–	–	1	2	–
20,000 to 49,999	9	1	2	4	1	1
50,000 to 99,999	5	1	2	2	–	–
100,000 or more	15	14	1	–	–	–
Layers 20 weeks old and older ..... farms..	2 205	17	6	23	54	96
number..	4 928 067	4 476 691	130 445	211 336	36 430	13 138
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	370	3	4	3	8	16
number..	1 115 401	702 351	(D)	(D)	(D)	(D)
Layers, pullets, and pullet chicks sold (see text)..... farms..	299	12	5	14	20	14
number..	4 494 476	2 534 264	725 500	966 319	214 743	38 797
Broilers and other meat-type chickens sold .. farms..	336	–	2	2	9	24
number..	393 028	–	(D)	(D)	(D)	20 543
Farms with—						
1 to 1,999.....	327	–	1	1	7	23
2,000 to 59,999.....	7	–	–	1	1	1
60,000 to 99,999	1	–	–	–	1	–
100,000 or more	1	–	1	–	–	–
Turkey hens kept for breeding ..... farms..	185	2	3	2	3	4
number..	(D)	(D)	(D)	(D)	13	12
Turkeys sold ..... farms..	241	26	10	4	10	14
number..	6 480 843	5 855 496	440 373	(D)	101 688	7 343

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
LIVESTOCK—Con.						
Cattle and calves sold ..... farms..	1 567	2 491	2 076	1 777	1 289	463
number..	34 073	41 852	21 567	12 511	5 288	1 069
$1,000..	16 786	18 261	8 974	4 755	1 807	271
Calves ..... farms..	652	1 025	884	805	588	241
number..	9 766	14 924	8 329	5 727	2 915	756
$1,000..	2 015	3 223	1 971	1 266	615	123
Cattle ..... farms..	1 337	2 126	1 745	1 426	909	255
number..	24 307	26 928	13 238	6 784	2 373	313
$1,000..	14 771	15 039	7 003	3 490	1 192	148
Fattened on grain and concentrates .... farms..	621	934	731	548	299	44
number..	9 728	8 412	3 852	1 804	609	47
$1,000..	7 180	5 961	2 681	1 230	405	29
Hogs and pigs inventory ..... farms..	375	438	345	285	225	209
number..	31 825	18 553	6 957	3 766	1 768	1 178
Farms with—						
1 to 24	121	243	249	249	215	203
25 to 49	55	70	56	22	7	2
50 to 99	73	77	33	10	1	4
100 to 199	75	38	6	3	2	–
200 to 499	50	9	1	1	–	–
500 or more	1	1	–	–	–	–
Used or to be used for breeding ..... farms..	244	267	170	128	80	43
number..	4 305	3 016	1 249	703	249	122
Other ..... farms..	344	398	311	269	203	201
number..	27 520	15 537	5 708	3 063	1 519	1 056
Hogs and pigs sold..... farms..	376	423	333	283	197	80
number..	59 933	26 264	8 959	4 512	1 481	348
$1,000..	5 475	2 508	891	434	157	34
Feeder pigs ..... farms..	80	99	71	51	19	9
number..	13 221	7 599	2 623	1 489	377	79
$1,000..	518	274	108	47	14	2
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 .... farms..	259	276	183	137	84	51
number..	6 256	3 640	1 213	708	245	97
Dec. 1 and May 31..... farms..	240	251	163	120	75	40
number..	3 260	1 948	655	379	152	52
June 1 and Nov. 30 ..... farms..	222	233	138	101	43	31
number..	2 996	1 692	558	329	93	45
Sheep and lambs of all ages inventory..... farms..	123	255	305	258	305	180
number..	9 191	11 060	10 979	7 835	6 232	2 187
Ewes 1 year old or older ..... farms..	106	209	273	224	260	143
number..	4 787	6 087	7 043	4 608	3 556	1 281
Sheep and lambs sold..... farms..	112	225	288	238	284	114
number..	19 324	8 948	8 677	4 920	4 127	909
Sheep and lambs shorn ..... farms..	103	187	256	206	246	114
number..	8 015	8 854	9 458	5 896	4 557	1 500
pounds of wool..	55 544	64 709	65 586	43 191	34 491	11 263
Horses and ponies inventory ..... farms..	538	1 137	1 245	1 365	1 367	2 607
number..	4 687	9 275	8 516	8 734	7 418	21 167
Horses and ponies sold..... farms..	180	415	530	543	503	166
number..	1 033	1 824	1 608	1 332	896	208
Goats inventory ..... farms..	68	148	185	214	247	293
number..	1 302	889	1 507	1 747	1 784	1 777
Goats sold ..... farms..	16	40	79	80	89	43
number..	696	428	874	820	702	232
POULTRY						
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	175	315	384	363	419	408
number..	8 579	14 747	13 377	12 286	11 993	7 300
Farms with—						
1 to 399	172	309	382	361	419	408
400 to 3,199	3	6	2	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	–	–	–	–	–	–
Layers 20 weeks old and older ..... farms..	172	304	373	357	410	393
number..	7 331	13 439	11 992	10 433	10 372	6 460
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	29	57	67	61	65	57
number..	1 248	1 308	1 385	1 853	1 621	840
Layers, pullets, and pullet chicks sold (see text)..... farms..	20	40	45	39	66	24
number..	624	7 292	2 474	1 956	2 062	445
Broilers and other meat-type chickens sold .. farms..	28	53	62	53	62	41
number..	4 875	10 532	14 583	8 060	6 411	2 434
Farms with—						
1 to 1,999.....	28	52	60	52	62	41
2,000 to 59,999.....	–	1	2	1	–	–
60,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	10	28	27	33	47	26
number..	29	125	101	129	124	69
Turkeys sold ..... farms..	13	26	29	38	48	23
number..	10 629	2 061	2 051	819	640	(D)

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
SELECTED CROPS HARVESTED						
Corn for grain or seed ..... farms..	16 712	265	654	1 559	2 866	2 322
acres..	2 122 283	239 624	345 374	511 792	502 229	218 570
bushels..	238 319 129	30 305 544	41 665 334	60 360 052	55 094 725	22 807 301
Irrigated ..... farms..	780	80	122	175	182	94
acres..	164 236	44 785	35 802	44 948	26 545	7 411
Farms by acres harvested:						
1 to 24 acres	4 915	5	5	18	140	218
25 to 99 acres	6 160	7	42	140	740	1 123
100 to 249 acres	3 298	29	127	541	1 290	908
250 to 499 acres	1 485	48	201	539	620	71
500 acres or more	854	176	279	321	76	2
Corn for silage or green chop ..... farms..	4 817	117	303	665	1 118	791
acres..	279 786	45 080	47 003	64 323	62 407	27 379
tons, green..	4 001 045	733 222	756 502	948 382	835 931	339 561
Irrigated ..... farms..	94	14	21	29	13	6
acres..	6 165	2 224	1 893	1 213	505	143
Farms by acres harvested:						
1 to 24 acres	2 012	2	13	40	230	348
25 to 99 acres	1 995	10	72	342	733	409
100 to 249 acres	665	41	172	258	147	33
250 to 499 acres	106	33	39	24	8	1
500 acres or more	39	31	7	1	–	–
Wheat for grain ..... farms..	8 976	175	410	946	1 701	1 351
acres..	499 742	38 745	69 240	103 652	129 170	59 553
bushels..	28 432 159	2 259 796	4 346 031	6 333 871	7 268 642	3 262 079
Irrigated ..... farms..	65	12	12	13	14	3
acres..	7 737	3 675	1 719	684	1 331	76
Farms by acres harvested:						
1 to 24 acres	3 781	8	33	114	292	417
25 to 99 acres	3 821	47	152	405	936	841
100 to 249 acres	1 107	78	136	342	424	91
250 to 499 acres	217	27	63	78	47	2
500 acres or more	50	15	26	7	2	–
Oats for grain ..... farms..	3 707	22	71	240	546	551
acres..	77 588	2 467	3 998	10 914	16 925	12 198
bushels..	4 624 435	142 192	230 077	701 067	1 112 748	753 913
Irrigated ..... farms..	18	1	1	5	4	–
acres..	727	(D)	(D)	425	175	–
Soybeans for beans ..... farms..	12 561	174	465	1 110	2 086	1 785
acres..	1 694 872	116 378	233 114	372 752	430 248	217 648
bushels..	62 242 411	4 794 470	9 283 579	14 422 067	15 755 064	7 584 084
Irrigated ..... farms..	384	32	44	100	88	50
acres..	47 518	9 271	7 771	14 683	9 055	3 335
Farms by acres harvested:						
1 to 24 acres	2 590	4	6	35	93	143
25 to 99 acres	5 353	22	69	194	503	622
100 to 249 acres	2 728	30	104	277	778	876
250 to 499 acres	1 213	40	101	319	591	136
500 acres or more	677	78	185	285	121	8
Dry edible beans, excluding dry limas ..... farms..	2 172	55	149	334	551	369
acres..	302 767	37 398	55 294	78 971	75 896	29 286
cwt..	4 878 076	705 811	939 462	1 288 843	1 168 347	417 139
Irrigated ..... farms..	86	4	13	22	19	11
acres..	11 390	1 685	2 398	3 680	2 607	600
Farms by acres harvested:						
1 to 24 acres	378	–	3	3	28	34
25 to 99 acres	859	1	16	46	190	231
100 to 249 acres	569	4	32	145	261	98
250 to 499 acres	266	16	58	117	69	6
500 acres or more	100	34	40	23	3	–
Potatoes, excluding sweetpotatoes ..... farms..	328	29	34	35	58	41
acres..	44 931	26 035	8 445	4 336	4 402	1 219
cwt..	13 632 901	8 831 185	2 425 151	1 078 876	989 557	227 115
Irrigated ..... farms..	175	25	27	31	33	19
acres..	33 519	22 218	5 399	3 065	2 050	620
Farms by acres harvested:						
0.1 to 4.9 acres	125	1	–	1	8	14
5.0 to 24.9 acres	43	–	–	3	6	10
25.0 to 99.9 acres	62	–	1	11	28	16
100.0 to 249.9 acres	49	1	16	16	15	1
250.0 acres or more	49	27	17	4	1	–
Sugar beets for sugar ..... farms..	1 182	50	133	264	360	182
acres..	163 236	31 499	40 772	45 850	32 291	8 764
tons..	3 055 112	608 983	775 877	863 040	580 270	154 458
Irrigated ..... farms..	39	2	9	8	10	4
acres..	2 445	(D)	979	659	522	123

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
SELECTED CROPS HARVESTED						
Corn for grain or seed ..... farms..	2 548	3 287	1 620	899	490	202
acres..	148 474	106 579	31 817	12 029	4 463	1 332
bushels..	14 490 551	9 753 788	2 608 974	875 722	285 541	71 597
Irrigated ..... farms..	53	31	20	9	8	6
acres..	3 189	1 086	273	136	37	24
Farms by acres harvested:						
1 to 24 acres	467	1 425	1 163	802	475	197
25 to 99 acres	1 736	1 800	455	97	15	5
100 to 249 acres	340	61	2	–	–	–
250 to 499 acres	5	1	–	–	–	–
500 acres or more	–	–	–	–	–	–
Corn for silage or green chop ..... farms..	600	589	317	176	103	38
acres..	13 625	11 113	5 044	2 042	1 376	394
tons, green..	162 777	131 487	53 376	21 895	13 108	4 804
Irrigated ..... farms..	2	4	2	1	1	1
acres..	(D)	51	(D)	(D)	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	393	445	261	160	87	33
25 to 99 acres	200	140	54	16	14	5
100 to 249 acres	7	4	1	–	2	–
250 to 499 acres	–	–	1	–	–	–
500 acres or more	–	–	–	–	–	–
Wheat for grain ..... farms..	1 464	1 652	745	321	160	51
acres..	45 290	35 482	12 164	4 361	1 624	461
bushels..	2 402 204	1 767 313	535 248	184 072	61 398	11 505
Irrigated ..... farms..	2	6	2	1	–	–
acres..	(D)	139	(D)	(D)	–	–
Farms by acres harvested:						
1 to 24 acres	650	1 156	627	278	156	50
25 to 99 acres	788	490	114	43	4	1
100 to 249 acres	26	6	4	–	–	–
250 to 499 acres	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–
Oats for grain ..... farms..	587	768	446	246	155	75
acres..	10 508	10 575	5 517	2 482	1 502	502
bushels..	635 367	593 433	257 517	115 604	61 169	21 348
Irrigated ..... farms..	2	2	2	1	–	–
acres..	(D)	(D)	(D)	(D)	–	–
Soybeans for beans ..... farms..	2 131	2 724	1 194	548	278	66
acres..	159 363	117 923	33 254	10 116	3 436	640
bushels..	5 323 742	3 767 858	959 801	270 526	71 921	9 299
Irrigated ..... farms..	32	28	7	1	2	–
acres..	2 105	1 127	132	(D)	(D)	–
Farms by acres harvested:						
1 to 24 acres	221	746	610	421	250	61
25 to 99 acres	1 385	1 830	569	126	28	5
100 to 249 acres	500	147	15	1	–	–
250 to 499 acres	25	1	–	–	–	–
500 acres or more	–	–	–	–	–	–
Dry edible beans, excluding dry limas ..... farms..	339	253	83	26	5	8
acres..	15 992	7 700	1 741	424	30	35
cwt..	228 268	105 852	19 672	4 119	285	278
Irrigated ..... farms..	6	7	3	1	–	–
acres..	138	251	(D)	(D)	–	–
Farms by acres harvested:						
1 to 24 acres	87	127	60	23	5	8
25 to 99 acres	228	122	22	3	–	–
100 to 249 acres	24	4	1	–	–	–
250 to 499 acres	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	27	41	36	14	10	3
acres..	249	159	48	16	20	3
cwt..	50 317	22 030	6 084	1 164	(D)	(D)
Irrigated ..... farms..	12	10	12	3	2	1
acres..	118	21	13	(D)	(D)	(D)
Farms by acres harvested:						
0.1 to 4.9 acres	16	28	33	12	9	3
5.0 to 24.9 acres	6	12	3	2	1	–
25.0 to 99.9 acres	5	1	–	–	–	–
100.0 to 249.9 acres	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–
Sugar beets for sugar ..... farms..	104	63	19	2	3	2
acres..	2 841	1 054	149	(D)	7	(D)
tons..	51 540	18 270	2 421	(D)	117	(D)
Irrigated ..... farms..	2	3	1	–	–	–
acres..	(D)	42	(D)	–	–	–

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
SELECTED CROPS HARVESTED—Con.						
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	20 858	147	378	965	1 902	1 727
acres..	1 264 350	41 618	87 471	169 197	225 339	148 923
tons, dry..	2 830 915	129 092	240 945	471 680	563 582	346 808
Irrigated ... farms..	258	15	26	39	33	20
acres..	11 154	1 232	2 797	2 936	1 131	678
Farms by acres harvested:						
1 to 24 acres ...	9 125	25	36	98	334	428
25 to 99 acres ...	8 042	23	53	220	663	775
100 to 249 acres ...	2 799	23	147	411	703	419
250 to 499 acres ...	719	51	104	195	167	90
500 acres or more ...	173	25	38	41	35	15
Alfalfa hay ... farms..	17 108	99	290	818	1 703	1 571
acres..	788 156	14 943	36 593	92 837	140 226	101 668
tons, dry..	1 985 404	51 472	122 323	311 862	409 163	273 417
Irrigated ... farms..	204	7	13	34	28	19
acres..	7 300	367	1 063	2 349	1 004	597
Vegetables harvested for sale (see text) .... farms..	2 498	71	149	212	353	259
acres..	128 349	40 006	27 484	21 500	21 089	7 546
Irrigated ... farms..	833	50	79	106	142	92
acres..	59 247	24 638	14 139	10 130	6 377	2 041
Farms by acres harvested:						
0.1 to 4.9 acres ...	907	1	4	8	30	44
5.0 to 24.9 acres ...	772	3	9	27	98	94
25.0 to 99.9 acres ...	490	7	40	86	149	116
100.0 to 249.9 acres ...	224	12	56	79	71	5
250.0 acres or more ...	105	48	40	12	5	–
Snap beans harvested for sale ... farms..	453	22	24	43	70	49
acres..	18 553	5 600	4 753	3 639	3 188	658
Irrigated ... farms..	211	17	17	29	26	27
acres..	12 622	4 730	3 514	2 636	1 259	303
Land in orchards ... farms..	2 863	31	80	146	360	324
acres..	139 607	14 751	23 189	27 871	33 893	17 283
Irrigated ... farms..	362	11	22	29	61	48
acres..	11 930	1 452	3 446	2 313	1 804	1 481
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres ...	907	–	1	1	15	25
5.0 to 24.9 acres ...	862	–	4	10	29	47
25.0 to 99.9 acres ...	692	8	12	24	162	211
100.0 to 249.9 acres ...	299	7	21	77	143	41
250.0 acres or more ...	103	16	42	34	11	–
Apples ... farms..	1 991	25	69	124	276	219
Bearing and nonbearing..acres..	68 987	10 404	11 316	14 415	15 434	7 693
pounds..	966 592 252	183 347 701	197 322 208	200 815 258	222 616 659	90 386 756
Cherries, total (see text) ... farms..	1 077	16	50	81	224	166
Bearing and nonbearing..acres..	47 716	3 367	8 503	9 212	13 563	6 558
pounds..	272 166 983	21 114 935	51 945 614	55 380 425	81 159 217	36 298 242
Grapes (see text) ... farms..	732	5	14	25	65	62
Bearing and nonbearing..acres..	13 045	448	1 674	2 153	2 887	1 900
Fresh weight..pounds..	109 863 755	2 467 544	19 761 175	19 733 487	25 062 896	15 881 218
Berries harvested for sale ... farms..	1 147	11	26	70	129	125
acres..	18 760	2 711	2 239	4 240	3 400	2 124
Irrigated ... farms..	591	9	14	57	95	73
acres..	10 808	1 963	902	2 762	2 359	1 152

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
SELECTED CROPS HARVESTED—Con.						
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	1 989	3 539	3 169	2 785	2 192	2 065
acres..	125 854	180 449	119 958	80 105	51 048	34 388
tons, dry..	276 134	362 862	209 324	122 517	67 930	40 041
Irrigated ... farms..	23	15	26	28	14	19
acres..	753	297	564	396	171	199
Farms by acres harvested:						
1 to 24 acres	675	1 286	1 413	1 607	1 515	1 708
25 to 99 acres	927	1 790	1 537	1 087	632	335
100 to 249 acres	323	418	208	87	40	20
250 to 499 acres	54	37	10	4	5	2
500 acres or more	10	8	1	–	–	–
Alfalfa hay ... farms..	1 767	3 106	2 559	2 167	1 630	1 398
acres..	89 330	128 805	80 787	51 764	31 402	19 801
tons, dry..	216 706	286 505	153 874	86 406	47 182	26 494
Irrigated ... farms..	19	15	22	22	12	13
acres..	641	271	462	267	160	119
Vegetables harvested for sale (see text) .... farms..	308	472	288	195	113	78
acres..	4 479	4 248	1 257	470	190	81
Irrigated ... farms..	87	111	78	41	30	17
acres..	878	664	255	84	29	12
Farms by acres harvested:						
0.1 to 4.9 acres	78	195	190	175	105	77
5.0 to 24.9 acres	173	242	97	20	8	1
25.0 to 99.9 acres	56	35	1	–	–	–
100.0 to 249.9 acres	1	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–
Snap beans harvested for sale ... farms..	57	72	43	37	21	15
acres..	441	185	34	37	13	4
Irrigated ... farms..	18	21	22	17	9	8
acres..	91	41	10	24	10	3
Land in orchards ... farms..	349	413	278	213	245	424
acres..	9 691	6 391	2 114	953	1 004	2 467
Irrigated ... farms..	31	44	19	20	28	49
acres..	588	405	93	63	150	137
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	26	96	126	137	188	292
5.0 to 24.9 acres	152	234	138	75	54	119
25.0 to 99.9 acres	166	82	14	1	2	10
100.0 to 249.9 acres	5	1	–	–	1	3
250.0 acres or more	–	–	–	–	–	–
Apples ... farms..	214	244	185	150	165	320
Bearing and nonbearing..acres..	3 961	2 577	974	479	480	1 255
pounds..	44 277 057	19 975 647	4 857 521	2 011 017	718 493	263 935
Cherries, total (see text) ... farms..	145	133	73	43	60	86
Bearing and nonbearing..acres..	3 437	1 964	386	156	145	424
pounds..	16 283 098	7 503 518	912 659	341 143	(D)	(D)
Grapes (see text) ... farms..	82	130	103	66	73	107
Bearing and nonbearing..acres..	1 603	1 292	459	200	176	254
Fresh weight..pounds..	12 764 333	9 686 558	3 034 411	1 089 739	323 785	58 609
Berries harvested for sale ... farms..	170	212	138	106	94	66
acres..	1 799	1 320	409	253	190	74
Irrigated ... farms..	89	92	49	48	41	24
acres..	960	434	114	93	58	12

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to government payments and market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 1. **County Summary Highlights: 1997**

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Farms ..... number..	46 027	207	60	1 337	412	261	325
Land in farms ..... acres..	9 872 812	43 383	16 029	236 936	78 047	55 166	86 240
Average size of farm ..... acres..	215	210	267	177	189	211	265
Median size of farm ..... acres..	90	140	163	68	117	108	131
Estimated market value of land and buildings[1]:							
Average per farm ..... dollars..	358 166	215 500	229 290	352 657	228 078	253 068	325 842
Average per acre ..... dollars..	1 671	965	858	1 979	1 172	1 231	1 286
Estimated market value of all machinery and equipment[1]:							
Average per farm ..... dollars..	66 361	51 270	40 863	74 878	45 679	44 885	86 691
Farms by size:							
1 to 9 acres	2 611	5	1	113	14	15	8
10 to 49 acres	12 075	32	10	430	85	54	50
50 to 179 acres	17 439	91	20	489	195	112	135
180 to 499 acres	8 989	62	21	194	84	58	90
500 to 999 acres	3 201	15	6	68	25	14	25
1,000 acres or more	1 712	2	2	43	9	8	17
Total cropland ..... farms..	43 017	194	58	1 239	385	243	305
acres..	7 891 802	29 826	8 703	198 357	55 779	32 625	69 417
Harvested cropland ..... farms..	37 941	176	56	1 116	351	220	237
acres..	6 724 480	18 148	6 431	175 394	39 323	21 583	56 792
Irrigated land ..... farms..	3 752	4	5	185	13	38	10
acres..	393 485	(D)	29	12 948	516	2 971	870
Market value of agricultural products sold ..... $1,000..	3 567 825	5 592	2 028	186 757	11 156	17 206	23 118
Average per farm ..... dollars..	77 516	27 016	33 806	139 684	27 078	65 922	71 133
Crops, including nursery and greenhouse crops ..... $1,000..	2 199 721	2 185	584	73 725	4 399	12 543	16 441
Livestock, poultry, and their products ..... $1,000..	1 368 104	3 407	1 444	113 032	6 757	4 663	6 677
Farms by value of sales:							
Less than $2,500	12 557	51	14	327	143	84	115
$2,500 to $4,999	5 049	39	9	156	65	31	23
$5,000 to $9,999	5 800	40	11	143	67	29	31
$10,000 to $24,999	7 213	32	9	199	59	36	37
$25,000 to $49,999	4 472	16	5	110	22	27	26
$50,000 to $99,999	3 663	16	3	100	26	17	32
$100,000 or more	7 273	13	9	302	30	37	61
Total farm production expenses[1] ..... $1,000..	2 835 658	3 850	1 711	154 725	9 838	11 681	15 490
Average per farm ..... dollars..	61 591	18 598	28 512	115 899	23 937	44 754	47 808
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms..	46 040	207	60	1 335	411	261	324
$1,000..	686 891	822	318	27 169	190	4 267	6 944
Average per farm ..... dollars..	14 919	3 971	5 294	20 352	461	16 348	21 432
Operators by principal occupation:							
Farming	22 043	95	29	647	172	120	167
Other	23 984	112	31	690	240	141	158
Operators by days worked off farm:							
Any	25 906	105	32	774	246	155	157
200 days or more	18 568	69	21	591	187	99	103
Livestock and poultry:							
Cattle and calves inventory ..... farms..	15 468	105	25	474	206	77	82
number..	1 025 702	4 744	2 060	41 416	10 494	4 686	7 177
Beef cows ..... farms..	7 566	76	14	190	128	42	27
number..	116 399	1 619	325	2 701	1 970	875	430
Milk cows ..... farms..	3 990	15	9	145	41	14	25
number..	300 641	728	491	15 816	2 551	815	2 379
Cattle and calves sold ..... farms..	14 293	101	25	442	201	72	75
number..	537 681	3 221	837	20 261	4 021	2 260	2 366
Hogs and pigs inventory ..... farms..	2 853	9	6	134	24	7	13
number..	1 032 014	129	35	121 752	519	1 209	1 207
Hogs and pigs sold ..... farms..	2 690	8	2	127	23	8	9
number..	2 206 940	479	(D)	266 776	1 258	(D)	1 628
Sheep and lambs inventory ..... farms..	1 628	11	2	46	24	9	3
number..	72 107	236	(D)	2 358	437	431	(D)
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	2 276	11	5	53	36	18	8
number..	6 043 468	317	(D)	1 374 885	1 342	(D)	(D)
Broilers and other meat-type chickens sold ..... farms..	336	–	–	10	2	5	–
number..	393 028	–	–	795	(D)	155	–
Selected crops harvested:							
Corn for grain or seed ..... farms..	16 712	24	–	490	59	37	121
acres..	2 122 283	1 237	–	71 499	5 735	1 843	14 348
bushels..	238 319 129	74 183	–	7 864 562	461 617	159 829	1 650 694
Wheat for grain ..... farms..	8 976	15	1	190	42	7	93
acres..	499 742	595	(D)	10 185	2 160	117	5 430
bushels..	28 432 159	26 340	(D)	645 327	90 999	4 085	334 443
Soybeans for beans ..... farms..	12 561	5	1	235	6	–	98
acres..	1 694 872	215	(D)	33 913	339	–	8 408
bushels..	62 242 411	4 440	(D)	1 323 641	6 063	–	293 071
Dry edible beans, excluding dry limas ..... farms..	2 172	13	–	1	17	1	67
acres..	302 767	1 107	–	(D)	3 679	(D)	8 663
cwt..	4 878 076	13 628	–	(D)	37 727	(D)	134 784
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	20 858	155	45	590	290	133	121
acres..	1 264 350	13 757	5 744	32 306	21 386	9 979	9 751
tons, dry..	2 830 915	24 116	8 345	82 285	38 426	17 502	20 428
Vegetables harvested for sale (see text) ..... farms..	2 498	5	5	86	18	20	27
acres..	128 349	24	7	6 982	133	174	1 857
Land in orchards ..... farms..	2 863	5	4	97	19	63	4
acres..	139 607	17	9	4 314	95	4 587	31

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Farms ..... number..	54	881	730	140	1 182	980	1 085
Land in farms ..... acres..	14 988	164 815	175 931	22 556	173 958	234 076	243 151
Average size of farm ..... acres..	278	187	241	161	147	239	224
Median size of farm ..... acres..	169	85	105	87	50	93	110
Estimated market value of land and buildings[1]:							
Average per farm ..... dollars..	231 249	319 143	388 338	296 703	282 701	304 986	301 037
Average per acre ..... dollars..	833	1 813	1 606	2 026	1 913	1 352	1 333
Estimated market value of all machinery and equipment[1]:							
Average per farm ..... dollars..	43 304	45 277	89 046	41 306	62 587	62 585	53 199
Farms by size:							
1 to 9 acres	1	28	41	8	113	47	40
10 to 49 acres	8	211	165	35	467	210	225
50 to 179 acres	20	430	279	56	378	421	462
180 to 499 acres	11	139	141	31	156	185	239
500 to 999 acres	14	52	70	9	42	68	85
1,000 acres or more	–	21	34	1	26	49	34
Total cropland ..... farms..	53	800	698	124	1 120	906	1 010
acres..	8 944	125 824	162 368	12 086	146 334	185 213	188 318
Harvested cropland ..... farms..	52	625	646	110	1 043	733	876
acres..	5 820	95 387	152 564	8 102	126 637	160 318	157 288
Irrigated land ..... farms..	5	25	65	16	196	122	62
acres..	(D)	2 253	5 065	210	10 625	30 563	8 962
Market value of agricultural products sold ..... $1,000..	1 134	47 801	61 423	6 636	81 376	77 249	60 985
Average per farm ..... dollars..	21 001	54 258	84 141	47 400	68 846	78 826	56 208
Crops, including nursery and greenhouse crops ..... $1,000..	416	14 446	57 212	4 728	72 026	44 609	34 924
Livestock, poultry, and their products ..... $1,000..	718	33 355	4 211	1 908	9 350	32 641	26 061
Farms by value of sales:							
Less than $2,500	19	372	135	47	281	301	299
$2,500 to $4,999	7	110	56	19	119	91	103
$5,000 to $9,999	8	121	74	17	157	115	136
$10,000 to $24,999	11	99	128	16	218	143	203
$25,000 to $49,999	3	56	87	12	123	102	136
$50,000 to $99,999	3	41	77	6	93	71	83
$100,000 or more	3	82	173	23	191	157	125
Total farm production expenses[1] ..... $1,000..	926	41 677	46 583	4 586	63 106	60 307	51 967
Average per farm ..... dollars..	17 142	47 307	63 813	32 758	53 344	61 538	47 896
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms..	54	881	730	140	1 183	980	1 085
$1,000..	208	5 201	12 860	1 618	17 820	17 018	7 349
Average per farm ..... dollars..	3 859	5 904	17 617	11 556	15 063	17 365	6 773
Operators by principal occupation:							
Farming	28	339	409	71	641	447	493
Other	26	542	321	69	541	533	592
Operators by days worked off farm:							
Any	27	546	354	74	581	567	604
200 days or more	21	404	251	49	409	409	445
Livestock and poultry:							
Cattle and calves inventory ..... farms..	24	328	85	42	162	353	375
number..	1 327	24 888	4 245	1 556	4 972	24 193	19 738
Beef cows ..... farms..	14	209	50	28	91	182	229
number..	425	3 140	568	(D)	1 130	2 406	2 923
Milk cows ..... farms..	10	59	16	3	25	82	75
number..	306	8 843	1 325	(D)	1 350	3 996	4 987
Cattle and calves sold ..... farms..	23	298	79	39	128	298	345
number..	468	9 579	1 959	921	1 785	15 157	10 575
Hogs and pigs inventory ..... farms..	1	43	12	11	64	114	94
number..	(D)	18 864	554	(D)	20 364	61 982	41 965
Hogs and pigs sold ..... farms..	1	46	11	7	60	115	90
number..	(D)	33 659	1 786	(D)	52 219	115 900	76 721
Sheep and lambs inventory ..... farms..	–	37	6	5	17	44	50
number..	–	2 096	(D)	26	345	1 444	1 593
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	1	64	20	17	41	36	45
number..	(D)	1 679	(D)	378	786	727	1 829
Broilers and other meat-type chickens sold ..... farms..	–	1	1	–	4	4	9
number..	–	(D)	(D)	–	(D)	(D)	539
Selected crops harvested:							
Corn for grain or seed ..... farms..	–	261	374	32	291	501	533
acres..	–	29 410	44 992	1 383	43 846	83 638	71 687
bushels..	–	2 873 526	5 832 241	96 529	5 012 867	9 823 560	6 883 919
Wheat for grain ..... farms..	–	118	184	2	98	192	256
acres..	–	8 503	6 489	(D)	4 945	7 674	13 675
bushels..	–	470 784	432 136	(D)	250 823	381 062	638 998
Soybeans for beans ..... farms..	–	157	397	–	303	391	459
acres..	–	20 905	35 768	–	41 765	52 500	48 722
bushels..	–	747 937	1 405 659	–	1 582 827	2 126 596	1 837 575
Dry edible beans, excluding dry limas ..... farms..	–	1	266	–	–	3	2
acres..	–	(D)	33 331	–	–	215	(D)
cwt..	–	(D)	560 713	–	–	2 700	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	44	461	140	53	241	387	474
acres..	5 001	27 239	5 930	1 704	7 403	11 855	17 979
tons, dry..	6 763	73 242	15 690	2 569	21 074	32 200	44 728
Vegetables harvested for sale (see text) ..... farms..	2	19	67	6	185	30	24
acres..	(D)	128	2 559	82	5 903	1 305	447
Land in orchards ..... farms..	5	17	11	47	479	14	12
acres..	33	43	35	3 205	19 768	193	98

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Farms ..... number..	700	188	210	319	350	1 123	27
Land in farms ..... acres..	176 831	31 077	50 582	98 979	62 831	243 850	2 568
Average size of farm ..... acres..	253	165	241	310	180	217	95
Median size of farm ..... acres..	100	100	126	167	100	91	51
Estimated market value of land and buildings[1]:							
Average per farm ..... dollars..	399 530	240 551	249 054	264 891	239 355	358 399	158 085
Average per acre ..... dollars..	1 590	1 511	1 052	881	1 317	1 583	1 662
Estimated market value of all machinery and equipment[1]:							
Average per farm ..... dollars..	75 908	33 398	42 882	40 451	30 662	70 353	24 804
Farms by size:							
1 to 9 acres	39	9	8	4	10	57	3
10 to 49 acres	164	37	36	32	74	273	10
50 to 179 acres	252	92	82	128	171	462	11
180 to 499 acres	145	35	59	90	62	221	2
500 to 999 acres	62	13	20	50	28	66	1
1,000 acres or more	38	2	5	15	5	44	–
Total cropland ..... farms..	669	173	204	306	318	1 065	24
acres..	141 434	18 266	27 514	67 900	41 377	209 822	752
Harvested cropland ..... farms..	602	153	189	291	274	967	19
acres..	123 647	12 162	17 564	45 562	26 481	188 811	436
Irrigated land ..... farms..	79	13	11	7	6	44	1
acres..	14 599	56	72	35	(D)	2 547	(D)
Market value of agricultural products sold ..... $1,000..	67 491	4 151	5 848	7 351	12 950	91 515	117
Average per farm ..... dollars..	96 416	22 080	27 847	23 043	36 999	81 492	4 326
Crops, including nursery and greenhouse crops ..... $1,000..	31 695	1 631	1 211	2 887	1 737	40 994	40
Livestock, poultry, and their products ..... $1,000..	35 796	2 520	4 637	4 463	11 213	50 522	77
Farms by value of sales:							
Less than $2,500	171	81	76	98	128	245	18
$2,500 to $4,999	79	27	33	52	37	99	2
$5,000 to $9,999	72	24	41	54	50	160	3
$10,000 to $24,999	105	24	29	48	44	220	4
$25,000 to $49,999	71	12	10	26	35	132	–
$50,000 to $99,999	61	10	3	22	27	93	–
$100,000 or more	141	10	18	19	29	174	–
Total farm production expenses[1] ..... $1,000..	55 517	3 371	4 574	5 399	10 074	72 550	234
Average per farm ..... dollars..	79 310	18 027	21 883	16 924	28 783	64 432	8 677
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms..	700	187	209	319	350	1 126	27
$1,000..	11 472	863	1 658	1 431	1 822	20 444	–117
Average per farm ..... dollars..	16 389	4 617	7 932	4 486	5 205	18 156	–4 351
Operators by principal occupation:							
Farming	364	74	82	139	176	490	13
Other	336	114	128	180	174	633	14
Operators by days worked off farm:							
Any	378	118	138	220	182	654	17
200 days or more	267	73	88	144	116	506	12
Livestock and poultry:							
Cattle and calves inventory ..... farms..	196	81	93	165	189	365	10
number..	7 082	3 217	5 261	8 429	13 916	41 204	163
Beef cows ..... farms..	116	58	68	113	102	107	7
number..	2 079	705	1 280	2 267	2 583	1 479	52
Milk cows ..... farms..	26	13	12	30	60	113	–
number..	1 164	773	1 538	1 173	3 176	16 151	–
Cattle and calves sold ..... farms..	178	78	88	156	180	352	4
number..	3 246	1 373	2 367	4 352	7 496	16 458	111
Hogs and pigs inventory ..... farms..	106	6	11	15	31	67	5
number..	172 740	20	245	538	4 550	20 815	21
Hogs and pigs sold ..... farms..	115	4	7	12	26	60	1
number..	274 095	18	165	1 145	12 214	36 907	(D)
Sheep and lambs inventory ..... farms..	44	7	7	19	11	34	4
number..	1 147	81	361	1 206	695	2 054	(D)
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	37	21	14	13	36	24	3
number..	978	1 086	(D)	(D)	1 217	755	(D)
Broilers and other meat-type chickens sold ..... farms..	3	1	2	1	4	4	–
number..	(D)	(D)	(D)	(D)	240	212	–
Selected crops harvested:							
Corn for grain or seed ..... farms..	352	34	15	1	57	545	3
acres..	63 940	1 812	482	(D)	3 509	57 880	33
bushels..	6 785 517	121 579	38 333	(D)	350 065	6 801 104	1 950
Wheat for grain ..... farms..	98	6	9	2	42	420	1
acres..	4 565	171	138	(D)	1 250	20 203	(D)
bushels..	233 719	5 758	3 962	(D)	61 844	1 210 421	(D)
Soybeans for beans ..... farms..	288	–	1	–	11	601	–
acres..	37 699	–	(D)	–	460	70 045	–
bushels..	1 391 697	–	(D)	–	12 215	2 614 109	–
Dry edible beans, excluding dry limas ..... farms..	–	–	2	–	1	13	–
acres..	–	–	(D)	–	(D)	1 221	–
cwt..	–	–	(D)	–	(D)	17 114	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	327	126	151	273	248	460	13
acres..	12 210	8 396	13 631	43 590	18 077	24 176	291
tons, dry..	27 160	15 100	21 675	48 743	35 017	75 406	364
Vegetables harvested for sale (see text) ..... farms..	38	7	9	2	3	32	3
acres..	1 222	111	25	(D)	19	582	23
Land in orchards ..... farms..	36	15	3	7	7	30	1
acres..	2 246	797	(D)	15	21	391	(D)

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Farms ..... number..	253	116	1 062	207	796	424	48
Land in farms ..... acres..	70 232	28 298	231 870	40 115	117 968	68 036	4 197
Average size of farm ..... acres..	278	244	218	194	148	160	87
Median size of farm ..... acres..	160	160	85	100	50	105	80
Estimated market value of land and buildings[1]:							
Average per farm ..... dollars..	204 889	229 988	333 533	352 044	301 229	173 013	98 742
Average per acre ..... dollars..	759	943	1 524	1 820	2 106	1 204	1 129
Estimated market value of all machinery and equipment[1]:							
Average per farm ..... dollars..	46 530	50 021	54 650	43 863	51 684	31 431	27 670
Farms by size:							
1 to 9 acres	9	5	65	11	56	8	3
10 to 49 acres	28	26	295	37	338	83	9
50 to 179 acres	95	29	375	92	269	215	32
180 to 499 acres	81	43	227	50	82	95	4
500 to 999 acres	29	11	56	12	26	20	–
1,000 acres or more	11	2	44	5	25	3	–
Total cropland ..... farms..	238	115	985	190	725	402	42
acres..	41 158	13 546	190 456	25 034	98 966	48 516	2 190
Harvested cropland ..... farms..	224	104	826	178	631	343	38
acres..	28 923	9 492	161 765	16 188	84 103	32 296	1 249
Irrigated land ..... farms..	16	10	35	25	50	10	1
acres..	903	377	1 033	360	798	34	(D)
Market value of agricultural products sold ..... $1,000..	8 162	3 941	54 948	5 449	27 995	9 557	232
Average per farm ..... dollars..	32 260	33 975	51 740	26 321	35 169	22 539	4 830
Crops, including nursery and greenhouse crops ..... $1,000..	3 712	1 834	39 474	1 957	20 496	4 009	180
Livestock, poultry, and their products ..... $1,000..	4 450	2 108	15 474	3 491	7 499	5 548	52
Farms by value of sales:							
Less than $2,500	65	34	328	59	284	136	29
$2,500 to $4,999	47	15	132	23	118	74	11
$5,000 to $9,999	40	18	127	42	106	58	3
$10,000 to $24,999	39	20	156	41	112	75	3
$25,000 to $49,999	15	8	92	20	75	45	1
$50,000 to $99,999	27	9	93	9	39	16	1
$100,000 or more	20	12	134	13	62	20	–
Total farm production expenses[1] ..... $1,000..	5 811	3 506	45 406	4 120	24 547	6 430	239
Average per farm ..... dollars..	23 152	30 221	42 796	19 903	30 761	15 164	4 984
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms..	251	116	1 061	207	798	424	48
$1,000..	1 999	435	9 120	963	1 425	1 843	–7
Average per farm ..... dollars..	7 962	3 753	8 596	4 654	1 786	4 347	–154
Operators by principal occupation:							
Farming	124	49	465	87	354	198	15
Other	129	67	597	120	442	226	33
Operators by days worked off farm:							
Any	151	79	644	129	443	221	36
200 days or more	98	61	470	83	339	143	21
Livestock and poultry:							
Cattle and calves inventory ..... farms..	136	53	355	111	194	228	19
number..	7 979	2 630	15 879	5 852	7 526	7 845	251
Beef cows ..... farms..	86	35	211	74	106	122	15
number..	2 003	730	3 579	1 618	1 076	2 192	110
Milk cows ..... farms..	35	10	71	17	27	76	–
number..	1 933	626	2 854	1 113	1 843	1 480	–
Cattle and calves sold ..... farms..	128	46	316	101	165	219	14
number..	2 873	848	8 849	2 406	3 700	3 420	76
Hogs and pigs inventory ..... farms..	15	6	56	13	48	58	1
number..	230	120	20 573	577	4 183	3 216	(D)
Hogs and pigs sold ..... farms..	10	5	54	7	41	60	2
number..	457	(D)	34 090	929	5 216	5 501	(D)
Sheep and lambs inventory ..... farms..	5	3	37	7	41	20	–
number..	37	11	2 194	268	1 024	1 074	–
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	18	11	50	24	40	57	1
number..	633	(D)	3 831	590	768	2 403	(D)
Broilers and other meat-type chickens sold ..... farms..	5	–	5	4	7	12	–
number..	355	–	(D)	452	901	2 953	–
Selected crops harvested:							
Corn for grain or seed ..... farms..	32	10	447	35	190	142	–
acres..	2 152	398	62 224	1 209	27 126	7 222	–
bushels..	170 250	32 691	7 066 301	82 815	2 753 644	712 171	–
Wheat for grain ..... farms..	5	–	264	5	134	64	–
acres..	891	–	22 315	38	7 648	2 859	–
bushels..	29 134	–	1 304 944	1 347	421 823	136 749	–
Soybeans for beans ..... farms..	3	–	380	–	212	24	–
acres..	590	–	55 355	–	32 355	1 415	–
bushels..	13 520	–	2 073 950	–	1 021 645	44 839	–
Dry edible beans, excluding dry limas ..... farms..	6	–	19	–	7	17	–
acres..	1 062	–	1 473	–	861	1 761	–
cwt..	11 290	–	16 050	–	11 260	25 726	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	188	78	456	134	365	295	32
acres..	20 473	5 866	15 887	11 712	12 565	15 667	1 136
tons, dry..	33 311	10 594	42 155	18 176	27 010	28 027	1 561
Vegetables harvested for sale (see text) ..... farms..	13	4	30	17	53	14	2
acres..	78	(D)	727	197	631	96	(D)
Land in orchards ..... farms..	18	5	22	11	34	6	–
acres..	90	39	145	47	391	15	–

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Farms ..... number..	413	873	1 236	128	1 184	827	1 004	238
Land in farms ..... acres..	61 767	276 833	257 469	23 126	424 122	190 405	236 652	42 667
Average size of farm ..... acres..	150	317	208	181	358	230	236	179
Median size of farm ..... acres..	76	111	83	120	175	70	100	110
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars..	329 574	453 741	271 212	164 622	605 935	390 202	334 448	206 358
Average per acre ..... dollars..	2 051	1 401	1 276	818	1 681	1 680	1 439	1 235
Estimated market value of all machinery and equipment[1]:								
Average per farm ..... dollars..	41 953	89 884	46 586	34 213	116 372	70 804	65 138	42 219
Farms by size:								
1 to 9 acres	30	53	49	4	62	54	49	9
10 to 49 acres	134	174	317	23	181	294	233	64
50 to 179 acres	158	321	538	62	352	252	414	86
180 to 499 acres	67	167	210	33	336	140	190	59
500 to 999 acres	16	91	73	4	152	51	74	18
1,000 acres or more	8	67	49	2	101	36	44	2
Total cropland ..... farms..	387	816	1 145	119	1 100	758	941	226
acres..	41 530	244 531	210 468	12 041	383 635	158 791	197 400	28 890
Harvested cropland ..... farms..	357	715	807	107	967	692	815	192
acres..	32 745	226 252	168 425	8 075	355 965	143 455	173 040	18 674
Irrigated land ..... farms..	65	28	32	18	28	33	31	10
acres..	1 912	2 012	4 428	76	2 270	2 369	2 152	697
Market value of agricultural products sold ..... $1,000..	17 155	102 439	71 729	2 206	211 414	53 394	87 194	6 769
Average per farm ..... dollars..	41 537	117 342	58 033	17 238	178 559	64 564	86 846	28 442
Crops, including nursery and greenhouse crops ..... $1,000..	13 702	65 499	41 793	676	100 392	32 462	35 077	1 614
Livestock, poultry, and their products ..... $1,000..	3 453	36 940	29 936	1 531	111 022	20 933	52 117	5 155
Farms by value of sales:								
Less than $2,500	113	186	508	49	201	217	263	92
$2,500 to $4,999	43	68	98	24	44	86	90	27
$5,000 to $9,999	60	97	108	18	82	130	130	35
$10,000 to $24,999	66	142	170	19	154	131	183	42
$25,000 to $49,999	42	95	106	6	139	73	91	15
$50,000 to $99,999	43	67	94	8	163	65	75	10
$100,000 or more	46	218	152	4	401	125	172	17
Total farm production expenses[1] ..... $1,000..	13 352	77 585	53 709	2 251	171 252	49 755	75 257	4 952
Average per farm ..... dollars..	32 174	88 871	43 524	17 587	144 639	60 236	74 808	20 892
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms..	415	873	1 234	128	1 184	826	1 006	237
$1,000..	4 197	24 262	15 293	234	40 916	4 868	11 447	1 220
Average per farm ..... dollars..	10 112	27 792	12 393	1 831	34 558	5 893	11 379	5 150
Operators by principal occupation:								
Farming	198	479	495	43	791	374	467	114
Other	215	394	741	85	393	453	537	124
Operators by days worked off farm:								
Any	245	467	716	84	520	490	571	112
200 days or more	167	328	559	60	343	367	423	88
Livestock and poultry:								
Cattle and calves inventory ..... farms..	102	270	387	50	450	278	406	116
number..	6 072	25 575	21 633	2 123	59 918	21 243	32 661	7 013
Beef cows ..... farms..	44	109	163	33	66	132	160	72
number..	1 391	1 813	1 960	418	926	2 203	2 800	1 659
Milk cows ..... farms..	13	64	103	13	188	80	100	25
number..	670	7 220	7 001	530	13 275	6 097	10 772	1 728
Cattle and calves sold ..... farms..	96	248	337	48	454	251	377	114
number..	2 220	18 058	9 980	721	64 243	8 688	13 029	3 115
Hogs and pigs inventory ..... farms..	17	42	86	5	69	40	77	11
number..	3 281	19 325	36 181	17	80 889	6 769	19 484	172
Hogs and pigs sold ..... farms..	13	42	84	1	69	37	78	11
number..	(D)	49 318	78 030	(D)	302 982	15 761	36 929	288
Sheep and lambs inventory ..... farms..	4	20	50	5	10	48	37	19
number..	(D)	411	1 503	116	242	2 105	895	567
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	16	28	63	18	19	41	23	18
number..	733	111 654	(D)	(D)	(D)	2 378	(D)	679
Broilers and other meat-type chickens sold ..... farms..	–	4	10	3	3	5	4	–
number..	–	295	1 158	44	(D)	156	655	–
Selected crops harvested:								
Corn for grain or seed ..... farms..	81	494	490	4	699	296	521	49
acres..	7 039	76 573	67 985	43	109 087	49 310	63 232	2 837
bushels..	561 091	9 491 547	7 580 871	(D)	13 655 552	5 403 825	7 370 009	260 653
Wheat for grain ..... farms..	43	228	273	–	491	213	324	22
acres..	1 876	11 907	14 179	–	30 967	18 481	20 852	905
bushels..	69 771	754 464	771 233	–	2 058 462	1 056 354	1 161 818	60 386
Soybeans for beans ..... farms..	9	494	461	–	356	305	375	17
acres..	338	77 248	62 120	–	35 377	48 705	49 949	801
bushels..	6 852	2 947 133	2 384 960	–	1 225 714	1 755 431	1 988 723	26 776
Dry edible beans, excluding dry limas ..... farms..	3	137	–	2	577	4	7	1
acres..	(D)	20 712	–	(D)	91 450	(D)	1 021	(D)
cwt..	(D)	311 063	–	(D)	1 539 326	(D)	14 523	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	161	260	443	84	445	396	488	153
acres..	9 832	13 640	19 977	7 630	25 601	18 466	27 609	11 841
tons, dry..	19 222	36 937	57 829	11 036	69 902	50 741	77 753	23 606
Vegetables harvested for sale (see text) ..... farms..	40	37	15	14	10	24	18	4
acres..	1 537	4 522	85	46	35	457	527	17
Land in orchards ..... farms..	154	7	13	6	7	21	34	11
acres..	8 682	173	260	9	36	302	1 518	48

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Farms ..... number..	86	911	987	696	139	1 136	5	126
Land in farms ..... acres..	23 823	216 651	181 287	146 927	21 375	186 453	(D)	22 971
Average size of farm ..... acres..	277	238	184	211	154	164	(D)	182
Median size of farm ..... acres..	167	118	80	65	80	63	40	119
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars..	189 793	290 127	271 990	439 497	170 902	453 387	79 931	189 780
Average per acre ..... dollars..	685	1 217	1 600	2 038	1 111	2 686	1 249	992
Estimated market value of all machinery and equipment[1]:								
Average per farm ..... dollars..	39 426	54 772	50 523	74 017	39 702	74 189	17 825	43 749
Farms by size:								
1 to 9 acres	1	30	46	69	6	97	–	2
10 to 49 acres	14	183	296	237	37	383	3	29
50 to 179 acres	34	362	398	213	62	399	2	53
180 to 499 acres	25	219	168	88	28	178	–	34
500 to 999 acres	8	80	54	56	2	45	–	6
1,000 acres or more	4	37	25	33	4	34	–	2
Total cropland ..... farms..	80	855	916	649	127	1 043	5	115
acres..	11 957	176 440	137 956	119 557	13 200	149 898	112	13 929
Harvested cropland ..... farms..	72	752	797	585	114	934	5	99
acres..	7 566	147 697	119 144	107 349	9 351	127 476	50	8 451
Irrigated land ..... farms..	8	25	58	144	12	128	–	4
acres..	496	1 266	3 475	18 144	3 657	6 120	–	18
Market value of agricultural products sold ..... $1,000..	1 593	56 825	44 311	105 494	5 060	121 041	5	2 073
Average per farm ..... dollars..	18 525	62 377	44 895	151 572	36 405	106 550	994	16 454
Crops, including nursery and greenhouse crops ..... $1,000..	1 037	26 899	23 816	67 704	3 945	91 987	–	1 001
Livestock, poultry, and their products ..... $1,000..	556	29 926	20 495	37 789	1 115	29 054	5	1 072
Farms by value of sales:								
Less than $2,500	34	223	312	176	56	309	4	53
$2,500 to $4,999	13	108	121	65	29	152	1	24
$5,000 to $9,999	13	107	142	78	15	127	–	17
$10,000 to $24,999	10	146	159	121	16	158	–	17
$25,000 to $49,999	9	101	112	56	9	87	–	7
$50,000 to $99,999	4	81	51	45	5	89	–	4
$100,000 or more	3	145	90	155	9	214	–	4
Total farm production expenses[1] ..... $1,000..	1 458	44 791	38 452	73 163	4 084	93 300	22	1 662
Average per farm ..... dollars..	16 956	49 113	38 919	105 119	29 385	82 131	4 371	13 292
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms..	86	912	988	696	139	1 136	5	125
$1,000..	135	12 770	2 778	30 526	976	27 844	–17	345
Average per farm ..... dollars..	1 568	14 002	2 812	43 859	7 020	24 510	–3 376	2 762
Operators by principal occupation:								
Farming	37	471	375	336	49	487	2	37
Other	49	440	612	360	90	649	3	89
Operators by days worked off farm:								
Any	54	490	607	370	94	667	3	74
200 days or more	36	346	465	263	72	501	2	54
Livestock and poultry:								
Cattle and calves inventory ..... farms..	47	384	339	149	39	356	3	64
number..	2 038	30 100	21 773	12 872	917	27 633	26	2 248
Beef cows ..... farms..	38	170	182	76	21	189	3	54
number..	991	2 817	2 671	1 996	239	2 769	14	939
Milk cows ..... farms..	5	125	47	17	6	93	–	9
number..	126	9 860	3 936	3 157	230	9 097	–	269
Cattle and calves sold ..... farms..	47	372	308	140	34	336	3	58
number..	963	11 336	14 816	6 014	520	11 272	8	884
Hogs and pigs inventory ..... farms..	6	49	71	53	13	52	–	14
number..	59	7 833	9 393	50 323	993	7 949	–	491
Hogs and pigs sold ..... farms..	4	48	69	59	9	49	–	11
number..	37	11 379	14 548	87 760	3 711	14 364	–	456
Sheep and lambs inventory ..... farms..	3	7	51	42	3	27	–	6
number..	(D)	295	1 982	7 204	107	523	–	774
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	5	35	58	34	12	32	–	8
number..	201	883	1 463	291 435	(D)	976	–	438
Broilers and other meat-type chickens sold ..... farms..	1	3	7	5	2	5	–	–
number..	(D)	470	(D)	375	(D)	283	–	–
Selected crops harvested:								
Corn for grain or seed ..... farms..	1	381	440	272	23	373	–	16
acres..	(D)	42 012	53 883	49 764	1 099	42 188	–	319
bushels..	(D)	4 320 231	5 202 067	5 375 459	103 904	4 550 863	–	22 870
Wheat for grain ..... farms..	2	228	193	106	4	155	–	5
acres..	(D)	11 156	9 598	7 422	(D)	6 918	–	68
bushels..	(D)	573 483	464 683	364 480	(D)	361 368	–	3 850
Soybeans for beans ..... farms..	–	289	231	229	–	123	–	–
acres..	–	32 446	26 859	32 025	–	14 120	–	–
bushels..	–	1 122 410	930 885	1 208 891	–	526 560	–	–
Dry edible beans, excluding dry limas ..... farms..	–	74	1	4	2	17	–	–
acres..	–	7 920	(D)	484	(D)	2 876	–	–
cwt..	–	109 863	(D)	6 026	(D)	50 270	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	57	508	504	260	56	553	5	85
acres..	6 081	38 157	22 544	10 797	3 361	30 713	45	6 848
tons, dry..	9 699	94 320	55 752	27 096	4 328	78 350	51	12 387
Vegetables harvested for sale (see text) ..... farms..	3	14	39	49	9	80	–	2
acres..	12	1 941	1 086	1 728	691	3 747	–	(D)
Land in orchards ..... farms..	8	6	16	34	–	184	–	6
acres..	21	57	159	1 150	–	15 143	–	30

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Farms ..... number..	1 020	369	1 317	637	31	72	523	284
Land in farms ..... acres..	178 249	62 129	336 468	98 297	(D)	21 513	68 829	47 521
Average size of farm ..... acres..	175	168	255	154	(D)	299	132	167
Median size of farm ..... acres..	79	107	100	44	205	184	50	101
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars..	433 252	499 928	444 451	398 766	335 710	196 313	429 797	238 599
Average per acre ..... dollars..	2 425	3 087	1 720	2 360	902	657	3 446	1 368
Estimated market value of all machinery and equipment[1]:								
Average per farm ..... dollars..	65 710	70 220	71 551	70 608	52 670	34 037	61 118	46 852
Farms by size:								
1 to 9 acres	52	21	70	56	2	3	78	11
10 to 49 acres	334	76	326	274	7	8	181	55
50 to 179 acres	399	174	493	179	6	25	157	138
180 to 499 acres	154	80	234	84	9	25	78	61
500 to 999 acres	50	12	113	27	4	7	22	18
1,000 acres or more	31	6	81	17	3	4	7	1
Total cropland ..... farms..	959	359	1 216	565	30	67	495	272
acres..	144 491	38 420	302 470	75 367	6 588	13 576	59 140	28 403
Harvested cropland ..... farms..	835	340	991	483	30	63	446	258
acres..	119 906	28 007	275 112	64 554	3 972	8 718	50 551	18 866
Irrigated land ..... farms..	58	77	50	47	8	3	93	39
acres..	2 308	2 362	2 667	1 548	(D)	(D)	1 996	3 064
Market value of agricultural products sold ..... $1,000..	54 255	28 725	102 849	28 455	2 326	2 547	44 734	9 096
Average per farm ..... dollars..	53 191	77 845	78 093	44 671	75 029	35 373	85 534	32 030
Crops, including nursery and greenhouse crops ..... $1,000..	32 266	23 805	78 336	18 519	1 896	345	41 310	8 118
Livestock, poultry, and their products ..... $1,000..	21 989	4 919	24 513	9 936	430	2 202	3 424	979
Farms by value of sales:								
Less than $2,500	314	63	370	200	9	28	124	103
$2,500 to $4,999	139	30	105	71	4	9	63	45
$5,000 to $9,999	140	39	121	96	4	9	53	40
$10,000 to $24,999	164	55	219	113	6	8	100	36
$25,000 to $49,999	79	50	128	47	1	7	52	28
$50,000 to $99,999	67	56	116	40	1	8	45	10
$100,000 or more	117	76	258	70	6	3	86	22
Total farm production expenses[1] ..... $1,000..	43 867	20 733	78 591	25 194	1 048	2 418	31 411	8 533
Average per farm ..... dollars..	42 880	55 884	59 719	39 676	33 794	33 582	60 290	29 837
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms..	1 023	371	1 316	635	31	72	521	286
$1,000..	9 254	7 146	22 137	3 335	1 278	129	10 056	1 489
Average per farm ..... dollars..	9 046	19 260	16 821	5 251	41 236	1 791	19 302	5 205
Operators by principal occupation:								
Farming	488	225	593	278	9	33	273	136
Other	532	144	724	359	22	39	250	148
Operators by days worked off farm:								
Any	574	200	787	404	17	42	259	157
200 days or more	421	124	576	295	12	31	182	93
Livestock and poultry:								
Cattle and calves inventory ..... farms..	402	64	280	190	13	39	93	88
number..	23 621	5 161	20 026	10 896	1 073	2 701	3 289	2 435
Beef cows ..... farms..	212	33	103	96	13	23	50	63
number..	2 473	539	1 116	1 139	433	567	577	703
Milk cows ..... farms..	101	12	57	47	–	12	16	7
number..	5 879	508	5 441	3 042	–	751	892	116
Cattle and calves sold ..... farms..	363	62	256	178	13	37	82	81
number..	12 623	4 286	13 457	4 777	776	1 097	1 164	1 105
Hogs and pigs inventory ..... farms..	60	5	70	30	–	3	18	13
number..	4 354	54	13 273	2 329	–	27	(D)	414
Hogs and pigs sold ..... farms..	48	6	73	28	1	2	18	12
number..	6 738	65	28 410	3 061	(D)	(D)	7 569	916
Sheep and lambs inventory ..... farms..	50	2	57	37	–	1	16	9
number..	1 488	(D)	1 725	1 229	–	(D)	272	367
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	78	14	46	45	–	7	25	16
number..	2 167	(D)	(D)	1 144	–	(D)	1 307	380
Broilers and other meat-type chickens sold ..... farms..	14	1	5	8	–	–	2	1
number..	(D)	(D)	870	997	–	–	(D)	(D)
Selected crops harvested:								
Corn for grain or seed ..... farms..	316	47	631	164	4	1	127	50
acres..	40 124	3 826	92 720	23 948	41	(D)	11 379	1 519
bushels..	4 256 713	349 863	11 718 484	2 430 321	4 270	(D)	1 241 058	117 319
Wheat for grain ..... farms..	191	12	484	99	–	6	114	5
acres..	7 929	275	35 396	6 184	–	77	4 342	500
bushels..	419 911	8 476	2 308 403	292 915	–	3 096	222 756	20 060
Soybeans for beans ..... farms..	207	–	692	112	–	1	172	1
acres..	28 400	–	124 489	13 693	–	(D)	23 844	(D)
bushels..	940 492	–	5 141 670	504 644	–	(D)	808 061	(D)
Dry edible beans, excluding dry limas ..... farms..	20	–	4	1	–	1	–	4
acres..	2 863	–	217	(D)	–	(D)	–	956
cwt..	87 742	–	3 916	(D)	–	(D)	–	15 895
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	585	104	343	311	18	53	125	145
acres..	30 884	5 595	13 047	15 683	2 734	7 945	4 853	6 458
tons, dry..	75 668	10 768	37 800	36 663	4 661	9 802	11 220	9 800
Vegetables harvested for sale (see text) ..... farms..	53	18	42	37	1	4	83	25
acres..	3 041	273	4 135	1 569	(D)	23	3 524	945
Land in orchards ..... farms..	35	232	42	21	2	4	33	55
acres..	658	16 698	836	546	(D)	7	816	3 789

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Farms ..... number..	108	413	597	348	418	335	1 058	954
Land in farms ..... acres..	26 624	77 103	111 974	109 661	79 667	90 027	209 715	237 771
Average size of farm ..... acres..	247	187	188	315	191	269	198	249
Median size of farm ..... acres..	105	100	115	200	80	160	65	101
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars..	261 325	244 920	217 447	225 950	345 912	288 719	447 310	315 690
Average per acre ..... dollars..	1 060	1 127	1 270	728	1 642	1 046	2 293	1 262
Estimated market value of all machinery and equipment[1]:								
Average per farm ..... dollars..	37 017	49 514	49 615	59 720	64 081	79 790	76 566	75 520
Farms by size:								
1 to 9 acres	3	17	8	4	18	9	105	35
10 to 49 acres	33	107	99	45	123	51	360	206
50 to 179 acres	39	160	300	104	170	115	306	398
180 to 499 acres	21	93	142	128	67	99	168	193
500 to 999 acres	6	27	42	47	30	50	77	75
1,000 acres or more	6	9	6	20	10	11	42	47
Total cropland ..... farms..	90	389	568	334	379	321	996	910
acres..	12 378	55 961	81 882	62 984	61 712	66 425	196 283	186 146
Harvested cropland ..... farms..	76	365	488	312	335	299	926	786
acres..	7 616	44 358	57 535	49 565	54 793	54 266	188 144	159 105
Irrigated land ..... farms..	4	54	34	6	16	22	79	104
acres..	29	3 251	6 822	100	551	2 396	5 047	45 345
Market value of agricultural products sold ..... $1,000..	2 946	23 621	24 866	18 302	17 254	34 697	94 138	87 860
Average per farm ..... dollars..	27 278	57 194	41 651	52 592	41 278	103 575	88 977	92 096
Crops, including nursery and greenhouse crops ..... $1,000..	1 125	16 019	10 049	2 426	13 125	4 698	84 578	63 194
Livestock, poultry, and their products ..... $1,000..	1 821	7 602	14 817	15 876	4 129	29 999	9 560	24 666
Farms by value of sales:								
Less than $2,500	53	88	195	95	120	95	226	274
$2,500 to $4,999	12	54	90	39	53	32	90	116
$5,000 to $9,999	15	73	86	54	68	40	131	118
$10,000 to $24,999	17	62	86	49	70	39	205	140
$25,000 to $49,999	3	39	46	15	33	16	127	79
$50,000 to $99,999	1	40	41	38	29	32	92	75
$100,000 or more	7	57	53	58	45	81	187	152
Total farm production expenses[1] ..... $1,000..	2 894	20 715	17 511	14 489	14 667	26 418	70 369	65 365
Average per farm ..... dollars..	26 792	50 036	29 332	41 634	35 088	78 625	66 448	68 373
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms..	108	414	597	348	418	336	1 059	956
$1,000..	52	5 335	3 115	4 359	1 921	9 321	22 148	21 193
Average per farm ..... dollars..	486	12 887	5 218	12 526	4 596	27 740	20 914	22 169
Operators by principal occupation:								
Farming	33	190	261	177	169	191	470	460
Other	75	223	336	171	249	144	588	494
Operators by days worked off farm:								
Any	75	252	338	181	253	161	648	500
200 days or more	51	162	244	124	189	114	509	349
Livestock and poultry:								
Cattle and calves inventory ..... farms..	43	147	297	197	128	171	170	404
number..	2 556	9 025	15 760	18 694	4 552	23 695	5 529	21 352
Beef cows ..... farms..	32	63	153	103	87	63	57	175
number..	568	693	2 563	2 104	1 011	1 013	484	1 813
Milk cows ..... farms..	6	46	117	88	13	91	18	120
number..	772	2 838	5 257	6 415	704	10 355	751	7 617
Cattle and calves sold ..... farms..	36	128	285	190	117	170	129	368
number..	726	2 906	6 111	5 292	2 184	8 779	5 084	8 238
Hogs and pigs inventory ..... farms..	10	28	62	11	34	17	66	55
number..	159	951	11 612	191	4 375	2 590	13 788	22 737
Hogs and pigs sold ..... farms..	6	19	56	13	31	15	63	57
number..	153	1 129	80 329	218	8 913	(D)	36 856	36 129
Sheep and lambs inventory ..... farms..	2	11	19	8	13	13	36	16
number..	(D)	899	1 416	63	216	340	1 229	571
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	8	24	45	21	26	8	54	45
number..	(D)	(D)	2 046	476	(D)	286	3 198	1 849
Broilers and other meat-type chickens sold ..... farms..	1	3	8	1	4	3	14	7
number..	(D)	(D)	2 428	(D)	775	(D)	1 453	604
Selected crops harvested:								
Corn for grain or seed ..... farms..	1	123	181	74	173	72	489	419
acres..	(D)	10 058	12 061	6 763	20 477	6 418	59 851	52 909
bushels..	(D)	943 540	1 105 855	544 167	2 249 613	643 890	7 843 209	5 920 893
Wheat for grain ..... farms..	1	96	58	2	52	27	408	160
acres..	(D)	4 284	1 409	(D)	1 899	771	25 646	14 383
bushels..	(D)	222 836	61 037	(D)	117 079	42 958	1 630 969	678 115
Soybeans for beans ..... farms..	2	22	4	4	152	1	639	118
acres..	(D)	1 090	152	104	16 244	(D)	91 890	14 081
bushels..	(D)	36 515	(D)	3 120	619 812	(D)	3 563 077	496 302
Dry edible beans, excluding dry limas ..... farms..	–	2	14	1	40	3	4	119
acres..	–	(D)	2 406	(D)	4 892	(D)	300	17 675
cwt..	–	(D)	38 395	(D)	82 263	(D)	3 884	273 964
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	52	199	408	247	164	233	205	537
acres..	5 617	12 975	32 852	31 999	5 980	33 692	4 008	28 816
tons, dry..	10 055	27 507	65 233	65 061	10 960	73 135	12 263	66 365
Vegetables harvested for sale (see text) ..... farms..	4	81	33	13	17	5	72	48
acres..	18	5 470	1 637	40	178	25	2 964	5 240
Land in orchards ..... farms..	10	51	13	20	12	7	35	19
acres..	45	5 004	177	61	24	15	318	966

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Farms ..... number..	103	410	670	544	573	261	92	496
Land in farms ..... acres..	21 025	73 113	122 294	45 366	127 994	73 239	32 516	108 250
Average size of farm ..... acres..	204	178	183	83	223	281	353	218
Median size of farm ..... acres..	118	58	100	25	100	151	244	129
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars..	200 437	283 432	236 346	486 079	294 547	294 322	169 141	242 019
Average per acre ..... dollars..	993	1 631	1 341	5 645	1 327	1 111	479	1 120
Estimated market value of all machinery and equipment[1]:								
Average per farm ..... dollars..	45 917	68 752	56 972	49 275	67 795	74 121	37 216	59 242
Farms by size:								
1 to 9 acres	–	37	20	93	15	5	–	6
10 to 49 acres	16	146	165	271	146	35	5	76
50 to 179 acres	49	144	279	115	217	109	25	226
180 to 499 acres	24	54	148	53	132	76	43	146
500 to 999 acres	13	21	46	6	44	30	16	29
1,000 acres or more	1	8	12	6	19	6	3	13
Total cropland ..... farms..	95	371	635	436	554	253	91	470
acres..	13 605	53 392	89 663	32 793	86 370	51 262	16 504	72 253
Harvested cropland ..... farms..	82	333	579	333	523	230	86	423
acres..	9 864	46 071	70 695	24 121	67 165	40 469	11 387	51 420
Irrigated land ..... farms..	3	55	51	75	46	7	–	16
acres..	(D)	7 661	4 319	586	3 238	102	–	1 273
Market value of agricultural products sold ..... $1,000..	3 271	44 435	48 541	32 452	49 792	22 144	2 205	19 284
Average per farm ..... dollars..	31 755	108 379	72 449	59 654	86 896	84 841	23 963	38 879
Crops, including nursery and greenhouse crops ..... $1,000..	1 200	23 995	20 155	29 719	37 179	3 010	549	3 406
Livestock, poultry, and their products ..... $1,000..	2 070	20 440	28 386	2 733	12 612	19 133	1 655	15 878
Farms by value of sales:								
Less than $2,500	26	136	180	233	122	56	22	151
$2,500 to $4,999	21	49	82	61	61	30	19	84
$5,000 to $9,999	15	50	87	69	72	38	23	77
$10,000 to $24,999	16	54	111	69	90	51	13	70
$25,000 to $49,999	8	30	48	37	60	19	6	33
$50,000 to $99,999	8	21	57	27	65	16	4	26
$100,000 or more	9	70	105	48	103	51	5	55
Total farm production expenses[1] ..... $1,000..	2 202	34 487	39 745	32 747	38 861	18 051	1 676	15 213
Average per farm ..... dollars..	21 379	83 911	59 321	60 308	67 701	69 427	18 222	30 609
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms..	103	411	670	543	574	260	92	497
$1,000..	1 107	9 463	10 293	1 672	8 121	3 220	528	2 004
Average per farm ..... dollars..	10 748	23 025	15 362	3 080	14 149	12 383	5 741	4 032
Operators by principal occupation:								
Farming	44	184	317	189	295	131	52	225
Other	59	226	353	355	278	130	40	271
Operators by days worked off farm:								
Any	65	241	382	338	328	134	46	313
200 days or more	53	181	277	228	220	96	24	202
Livestock and poultry:								
Cattle and calves inventory ..... farms..	67	130	341	81	160	158	49	303
number..	2 963	13 741	22 412	2 029	11 592	20 997	3 193	20 059
Beef cows ..... farms..	43	61	156	54	76	75	34	181
number..	716	563	1 635	584	928	1 708	1 092	3 968
Milk cows ..... farms..	13	41	127	11	48	58	17	85
number..	683	6 677	8 868	373	3 360	5 714	682	5 956
Cattle and calves sold ..... farms..	62	126	316	69	162	151	45	290
number..	1 236	6 917	8 842	913	5 189	11 672	1 343	7 400
Hogs and pigs inventory ..... farms..	8	25	45	9	30	10	–	40
number..	(D)	6 202	9 690	418	2 380	219	–	808
Hogs and pigs sold ..... farms..	6	18	34	12	29	10	–	33
number..	(D)	9 083	20 094	1 007	6 680	281	–	1 338
Sheep and lambs inventory ..... farms..	4	6	17	35	11	9	2	30
number..	28	53	1 103	967	89	283	(D)	1 084
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	7	24	40	34	19	14	2	33
number..	(D)	797	(D)	856	(D)	(D)	(D)	1 190
Broilers and other meat-type chickens sold ..... farms..	1	4	5	3	8	2	–	2
number..	(D)	192	(D)	123	1 986	(D)	–	(D)
Selected crops harvested:								
Corn for grain or seed ..... farms..	13	128	259	54	171	79	–	74
acres..	1 569	14 635	22 778	7 073	10 646	6 706	–	4 111
bushels..	151 095	1 500 850	2 354 588	654 155	941 491	680 743	–	389 483
Wheat for grain ..... farms..	15	41	73	32	58	27	1	21
acres..	710	1 893	1 802	2 500	1 840	1 570	(D)	497
bushels..	32 061	97 580	83 684	112 663	90 093	99 852	(D)	23 135
Soybeans for beans ..... farms..	5	23	33	25	14	4	–	2
acres..	111	3 453	1 604	4 432	803	308	–	(D)
bushels..	3 460	112 720	52 597	138 161	20 162	3 800	–	(D)
Dry edible beans, excluding dry limas ..... farms..	5	–	2	1	4	–	–	–
acres..	471	–	(D)	(D)	255	–	–	–
cwt..	4 870	–	(D)	(D)	(D)	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	72	205	439	164	258	211	81	384
acres..	5 677	13 198	29 786	8 293	13 665	25 035	10 760	41 531
tons, dry..	10 393	32 999	67 821	17 371	31 707	53 911	19 443	76 871
Vegetables harvested for sale (see text) ..... farms..	5	44	46	21	191	1	–	2
acres..	11	3 098	4 988	503	14 607	(D)	–	(D)
Land in orchards ..... farms..	3	31	40	33	142	5	2	16
acres..	8	3 734	2 297	519	15 159	42	(D)	48

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Farms ..... number..	80	139	1 292	296	36	1 163	940	791
Land in farms ..... acres..	13 904	34 450	170 627	82 466	4 139	297 842	162 887	217 345
Average size of farm ..... acres..	174	248	132	279	115	256	173	275
Median size of farm ..... acres..	120	150	51	180	58	105	80	102
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars..	194 910	343 229	395 504	203 546	149 296	459 033	416 014	504 172
Average per acre ..... dollars..	1 121	1 300	3 066	878	1 299	1 711	2 517	1 762
Estimated market value of all machinery and equipment[1]:								
Average per farm ..... dollars..	24 958	61 613	78 117	37 274	22 629	80 319	55 699	95 080
Farms by size:								
1 to 9 acres	3	1	149	1	2	70	55	43
10 to 49 acres	14	23	476	35	14	279	274	180
50 to 179 acres	37	60	426	111	15	419	362	311
180 to 499 acres	22	36	171	111	4	235	186	132
500 to 999 acres	3	12	48	22	–	91	41	75
1,000 acres or more	1	7	22	16	1	69	22	50
Total cropland ..... farms..	73	134	1 199	288	32	1 101	882	749
acres..	8 419	18 584	140 978	53 961	2 814	268 428	140 705	184 840
Harvested cropland ..... farms..	66	113	1 096	265	27	1 036	809	664
acres..	5 110	12 215	119 789	38 626	1 880	257 817	118 551	170 772
Irrigated land ..... farms..	5	8	323	22	4	41	45	224
acres..	10	723	14 811	3 096	182	2 919	725	91 191
Market value of agricultural products sold ..... $1,000..	1 880	3 810	299 985	13 085	513	84 034	36 076	81 103
Average per farm ..... dollars..	23 494	27 407	232 187	44 206	14 255	72 256	38 378	102 533
Crops, including nursery and greenhouse crops ..... $1,000..	360	2 503	160 066	7 816	375	74 753	27 664	62 513
Livestock, poultry, and their products ..... $1,000..	1 520	1 307	139 919	5 269	138	9 281	8 412	18 590
Farms by value of sales:								
Less than $2,500	20	46	252	75	13	190	269	179
$2,500 to $4,999	11	18	140	50	5	109	117	59
$5,000 to $9,999	14	33	150	49	3	125	143	85
$10,000 to $24,999	14	18	177	41	8	238	155	141
$25,000 to $49,999	8	9	117	29	5	169	101	112
$50,000 to $99,999	10	5	118	17	2	122	78	57
$100,000 or more	3	10	338	35	–	210	77	158
Total farm production expenses[1] ..... $1,000..	1 463	3 179	243 970	8 262	320	65 020	29 955	61 648
Average per farm ..... dollars..	18 291	22 871	188 685	28 005	8 894	55 907	31 934	77 740
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms..	80	139	1 293	295	36	1 163	938	793
$1,000..	416	595	56 728	3 292	193	17 280	4 512	19 511
Average per farm ..... dollars..	5 203	4 280	43 873	11 158	5 361	14 858	4 810	24 604
Operators by principal occupation:								
Farming	43	50	658	143	14	640	426	413
Other	37	89	634	153	22	523	514	378
Operators by days worked off farm:								
Any	46	89	713	160	23	605	558	467
200 days or more	27	67	506	114	16	417	417	342
Livestock and poultry:								
Cattle and calves inventory ..... farms..	52	43	451	166	14	218	316	269
number..	2 388	2 548	36 159	9 247	428	8 659	10 084	11 680
Beef cows ..... farms..	24	21	184	97	10	74	206	119
number..	593	589	2 421	1 867	256	697	2 399	1 598
Milk cows ..... farms..	18	6	137	37	–	40	38	76
number..	539	336	13 177	2 344	–	2 654	1 770	3 710
Cattle and calves sold ..... farms..	52	43	429	161	12	203	273	243
number..	980	1 497	46 743	3 496	231	4 239	4 758	5 036
Hogs and pigs inventory ..... farms..	4	4	96	9	2	27	45	94
number..	(D)	(D)	69 018	60	(D)	4 277	1 997	38 684
Hogs and pigs sold ..... farms..	4	3	97	8	2	29	39	96
number..	(D)	70	162 430	97	(D)	7 097	5 984	79 829
Sheep and lambs inventory ..... farms..	13	5	35	7	2	25	24	51
number..	610	78	713	113	(D)	433	362	3 009
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	16	8	46	23	4	36	64	48
number..	683	(D)	2 336 067	843	97	854	2 625	1 597
Broilers and other meat-type chickens sold ..... farms..	5	2	20	4	–	6	10	5
number..	456	(D)	9 166	(D)	–	1 790	2 474	(D)
Selected crops harvested:								
Corn for grain or seed ..... farms..	8	19	410	76	–	671	242	479
acres..	388	563	42 224	4 985	–	82 406	18 226	94 519
bushels..	27 615	37 327	4 862 900	417 090	–	9 886 948	1 881 850	11 840 274
Wheat for grain ..... farms..	2	13	199	32	–	375	231	72
acres..	(D)	289	6 118	1 611	–	17 280	11 136	2 402
bushels..	(D)	8 695	318 173	58 179	–	1 093 064	568 561	119 090
Soybeans for beans ..... farms..	–	3	132	8	–	777	386	345
acres..	–	19	9 232	653	–	110 723	64 317	47 485
bushels..	–	155	369 525	19 357	–	3 836 000	2 117 505	1 912 228
Dry edible beans, excluding dry limas ..... farms..	–	1	2	28	–	153	7	1
acres..	–	(D)	(D)	2 737	–	15 606	1 094	(D)
cwt..	–	(D)	(D)	30 688	–	266 520	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	60	89	535	223	20	265	462	335
acres..	4 225	9 656	29 015	18 869	1 689	8 073	20 088	11 425
tons, dry..	6 822	13 166	71 942	35 075	2 417	23 815	41 743	27 689
Vegetables harvested for sale (see text) ..... farms..	6	4	103	10	1	44	43	68
acres..	14	(D)	3 362	89	(D)	3 125	827	9 763
Land in orchards ..... farms..	2	6	65	12	4	24	19	14
acres..	(D)	14	6 170	29	73	169	89	284

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Farms ..... number..	1 448	45	915	1 140	1 059	1 030	303	251
Land in farms ..... acres..	429 706	15 742	214 153	333 099	177 360	180 223	39 102	43 321
Average size of farm ..... acres..	297	350	234	292	167	175	129	173
Median size of farm ..... acres..	150	160	100	115	73	76	22	110
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars..	400 889	294 470	366 206	512 315	322 034	507 203	447 041	200 038
Average per acre ..... dollars..	1 379	842	1 547	1 800	1 789	2 892	3 790	1 171
Estimated market value of all machinery and equipment[1]:								
Average per farm ..... dollars..	92 024	36 711	85 339	104 055	66 559	55 575	65 639	35 992
Farms by size:								
1 to 9 acres	42	–	43	46	55	66	80	5
10 to 49 acres	269	10	232	243	342	345	118	50
50 to 179 acres	525	13	325	426	438	351	67	127
180 to 499 acres	377	12	197	234	159	177	20	55
500 to 999 acres	150	5	83	116	45	62	8	11
1,000 acres or more	85	5	35	75	20	29	10	3
Total cropland ..... farms..	1 365	40	863	1 081	1 029	956	261	236
acres..	380 837	8 761	184 076	291 711	135 761	153 147	30 266	29 386
Harvested cropland ..... farms..	1 182	38	800	948	936	826	209	214
acres..	334 433	5 037	170 733	267 218	111 235	134 302	22 740	21 581
Irrigated land ..... farms..	35	3	19	44	188	83	69	14
acres..	3 614	(D)	993	9 315	19 805	4 715	557	254
Market value of agricultural products sold ..... $1,000..	132 513	1 230	45 200	105 723	100 641	56 521	27 159	8 690
Average per farm ..... dollars..	91 514	27 326	49 399	92 739	95 034	54 874	89 635	34 621
Crops, including nursery and greenhouse crops ..... $1,000..	75 027	585	32 637	85 343	87 167	34 517	26 133	5 542
Livestock, poultry, and their products ..... $1,000..	57 486	644	12 563	20 380	13 474	22 004	1 026	3 148
Farms by value of sales:								
Less than $2,500	302	9	181	275	250	266	115	96
$2,500 to $4,999	108	8	112	108	108	117	18	32
$5,000 to $9,999	160	8	118	109	151	156	30	42
$10,000 to $24,999	190	8	167	159	156	178	41	35
$25,000 to $49,999	184	4	131	124	127	101	34	11
$50,000 to $99,999	166	5	80	102	87	79	21	17
$100,000 or more	338	3	126	263	180	133	44	18
Total farm production expenses[1] ..... $1,000..	102 825	992	37 260	83 841	78 805	50 013	20 920	6 715
Average per farm ..... dollars..	71 061	22 043	40 632	73 416	74 414	48 509	68 592	26 645
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms..	1 447	45	917	1 142	1 059	1 031	305	252
$1,000..	26 873	238	7 030	19 460	24 001	5 212	7 553	2 391
Average per farm ..... dollars..	18 571	5 283	7 667	17 040	22 664	5 055	24 763	9 490
Operators by principal occupation:								
Farming	898	20	413	611	530	478	137	103
Other	550	25	502	529	529	552	166	148
Operators by days worked off farm:								
Any	686	30	532	605	605	591	162	143
200 days or more	442	23	409	437	397	433	118	93
Livestock and poultry:								
Cattle and calves inventory ..... farms..	659	22	270	368	230	270	43	89
number..	59 423	1 462	13 691	19 247	8 413	17 654	1 091	3 602
Beef cows ..... farms..	184	17	109	185	141	100	27	50
number..	2 733	(D)	1 105	2 060	1 927	1 317	492	622
Milk cows ..... farms..	310	4	63	84	38	64	7	20
number..	22 294	(D)	4 555	6 015	1 997	4 985	105	857
Cattle and calves sold ..... farms..	641	22	233	340	186	253	29	83
number..	21 931	825	5 287	8 974	3 156	9 474	500	1 585
Hogs and pigs inventory ..... farms..	74	3	70	55	60	60	11	15
number..	10 339	11	2 792	10 044	29 477	21 881	648	107
Hogs and pigs sold ..... farms..	61	3	69	52	58	62	11	11
number..	18 555	24	6 839	25 616	56 245	27 917	737	287
Sheep and lambs inventory ..... farms..	22	1	34	25	22	115	14	4
number..	567	(D)	1 041	941	1 344	11 315	521	120
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	54	3	45	52	45	59	16	8
number..	2 113	71	(D)	(D)	(D)	2 038	(D)	(D)
Broilers and other meat-type chickens sold ..... farms..	11	–	12	10	3	12	1	2
number..	919	–	1 640	2 092	(D)	1 955	(D)	(D)
Selected crops harvested:								
Corn for grain or seed ..... farms..	669	4	426	591	229	429	49	34
acres..	90 245	214	45 943	78 793	34 695	47 511	6 258	2 632
bushels..	10 394 096	21 740	4 846 427	9 505 971	3 197 253	4 951 383	623 444	224 342
Wheat for grain ..... farms..	472	2	356	276	50	339	32	7
acres..	31 433	(D)	21 835	16 831	2 539	17 399	1 606	69
bushels..	1 808 861	(D)	1 188 692	1 120 706	130 130	947 230	72 113	2 433
Soybeans for beans ..... farms..	638	3	535	475	154	353	57	1
acres..	103 213	(D)	81 564	57 939	24 702	38 716	10 498	(D)
bushels..	3 666 136	6 455	2 578 669	2 138 823	811 635	1 389 030	313 781	(D)
Dry edible beans, excluding dry limas ..... farms..	176	1	7	305	1	–	–	–
acres..	19 103	(D)	145	54 397	(D)	–	–	–
cwt..	286 008	(D)	2 171	868 803	(D)	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	744	30	362	443	312	496	54	147
acres..	54 697	3 801	16 172	21 020	12 456	22 311	2 053	10 864
tons, dry..	154 177	5 815	39 063	55 655	31 733	62 206	4 142	17 302
Vegetables harvested for sale (see text) ..... farms..	28	4	22	36	104	56	38	6
acres..	1 238	18	87	2 474	12 069	2 229	887	15
Land in orchards ..... farms..	23	6	26	10	256	30	16	8
acres..	388	16	163	144	15 480	341	197	39

[1]Data are based on a sample of farms.

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms, 1997..	46 027	207	60	1 337	412	261	325
1992..	46 562	209	58	1 469	379	247	276
$1,000, 1997..	3 567 825	5 592	2 028	186 757	11 156	17 206	23 118
1992..	3 028 547	4 360	1 601	154 039	10 334	13 057	19 651
Average per farm ..... dollars, 1997..	77 516	27 016	33 806	139 684	27 078	65 922	71 133
1992..	65 043	20 863	27 602	104 860	27 267	52 862	71 198
1997 value of sales:							
Less than $1,000 (see text) ..... farms..	7 756	28	5	187	82	46	93
$1,000..	1 198	(D)	1	42	(D)	11	5
$1,000 to $2,499 ..... farms..	4 801	23	9	140	61	38	22
$1,000..	7 833	37	15	223	108	54	36
$2,500 to $4,999 ..... farms..	5 049	39	9	156	65	31	23
$1,000..	18 208	134	36	556	239	116	87
$5,000 to $9,999 ..... farms..	5 800	40	11	143	67	29	31
$1,000..	41 220	273	75	1 029	475	201	222
$10,000 to $19,999 ..... farms..	5 602	28	7	148	46	28	22
$1,000..	79 536	386	93	2 056	645	403	326
$20,000 to $24,999 ..... farms..	1 611	4	2	51	13	8	15
$1,000..	35 798	88	(D)	1 119	287	174	331
$25,000 to $39,999 ..... farms..	3 136	11	5	86	16	16	16
$1,000..	98 944	347	136	2 673	502	486	485
$40,000 to $49,999 ..... farms..	1 336	5	–	24	6	11	10
$1,000..	59 500	223	–	1 079	281	493	431
$50,000 to $99,999 ..... farms..	3 663	16	3	100	26	17	32
$1,000..	260 190	1 281	187	6 972	1 937	1 209	2 322
$100,000 to $249,999 ..... farms..	4 008	11	8	143	21	22	33
$1,000..	637 327	1 555	1 180	22 832	3 144	3 326	5 300
$250,000 to $499,999 ..... farms..	1 954	–	1	81	7	11	19
$1,000..	677 385	–	(D)	28 838	2 355	3 916	6 529
$500,000 or more ..... farms..	1 311	2	–	78	2	4	9
$1,000..	1 650 687	(D)	–	119 339	(D)	6 816	7 044
1992 value of sales:							
Less than $1,000 ..... farms..	5 716	36	12	168	54	43	27
$1,000..	1 597	8	3	42	14	12	9
$1,000 to $2,499 ..... farms..	5 207	29	6	161	68	36	23
$1,000..	8 669	50	10	267	116	60	37
$2,500 to $4,999 ..... farms..	5 579	34	8	168	62	28	20
$1,000..	20 216	120	29	594	219	100	72
$5,000 to $9,999 ..... farms..	6 387	43	7	187	61	31	42
$1,000..	45 454	310	45	1 327	424	210	289
$10,000 to $19,999 ..... farms..	6 045	31	9	156	47	21	34
$1,000..	85 706	451	141	2 186	598	320	481
$20,000 to $24,999 ..... farms..	1 707	8	5	53	10	8	4
$1,000..	37 974	178	110	1 160	219	183	88
$25,000 to $39,999 ..... farms..	3 228	7	1	91	22	17	24
$1,000..	102 141	228	(D)	2 974	700	548	745
$40,000 to $49,999 ..... farms..	1 455	3	1	41	8	7	12
$1,000..	64 521	140	(D)	1 825	343	296	523
$50,000 to $99,999 ..... farms..	4 163	11	4	138	19	28	37
$1,000..	296 306	717	319	10 162	1 308	1 980	2 785
$100,000 to $249,999 ..... farms..	4 363	4	4	170	20	17	28
$1,000..	685 054	716	605	26 610	2 808	2 663	4 021
$250,000 to $499,999 ..... farms..	1 793	2	1	70	5	8	20
$1,000..	617 171	(D)	(D)	24 948	1 760	2 926	6 337
$500,000 or more ..... farms..	919	1	–	66	3	3	5
$1,000..	1 063 739	(D)	–	81 946	1 824	3 760	4 264
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms, 1997..	31 679	128	44	898	235	176	203
1992..	33 778	101	35	1 003	215	167	213
$1,000, 1997..	2 199 721	2 185	584	73 725	4 399	12 543	16 441
1992..	1 671 563	864	335	65 246	3 833	8 700	13 355
Grains ..... farms, 1997..	19 502	39	6	466	97	33	153
1992..	22 701	30	5	583	125	36	172
$1,000, 1997..	1 033 206	538	28	23 623	2 475	208	8 113
1992..	766 941	364	(D)	17 714	1 829	231	6 368
Corn for grain ..... farms, 1997..	13 864	13	–	363	37	22	104
1992..	15 075	8	–	462	38	20	109
$1,000, 1997..	470 240	107	–	13 790	927	160	2 909
1992..	362 334	129	–	13 181	301	123	1 929
Wheat ..... farms, 1997..	8 875	13	–	187	37	7	92
1992..	12 186	18	–	245	60	10	105
$1,000, 1997..	89 407	76	–	2 006	266	12	1 054
1992..	85 584	104	–	1 241	208	26	773
Soybeans ..... farms, 1997..	12 516	5	1	235	6	–	97
1992..	13 099	1	–	196	4	1	79
$1,000, 1997..	375 311	30	(D)	7 651	37	–	1 710
1992..	220 044	(D)	–	3 115	16	(D)	695
Sorghum for grain ..... farms, 1997..	6	–	–	–	–	–	–
1992..	5	–	–	–	–	–	–
$1,000, 1997..	22	–	–	–	–	–	–
1992..	45	–	–	–	–	–	–
Barley ..... farms, 1997..	295	3	4	2	11	–	2
1992..	319	1	2	1	4	2	5
$1,000, 1997..	1 180	3	7	(D)	23	–	(D)
1992..	1 317	(D)	(D)	(D)	13	(D)	6
Oats ..... farms, 1997..	1 804	14	1	45	51	8	24
1992..	2 591	8	3	58	76	9	29
$1,000, 1997..	4 311	67	(D)	90	252	22	(D)
1992..	5 281	(D)	2	(D)	371	37	66
Other grains ..... farms, 1997..	2 667	14	2	17	19	6	69
1992..	3 889	9	–	39	31	12	88
$1,000, 1997..	92 735	256	(D)	(D)	970	14	2 345
1992..	92 336	108	–	102	922	41	2 899

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms, 1997..	54	881	730	140	1 182	980	1 085
1992..	57	833	795	120	1 312	935	1 080
$1,000, 1997..	1 134	47 801	61 423	6 636	81 376	77 249	60 985
1992..	1 008	38 354	60 966	4 568	68 223	66 203	52 793
Average per farm ..... dollars, 1997..	21 001	54 258	84 141	47 400	68 846	78 826	56 208
1992..	17 681	46 043	76 687	38 063	51 999	70 806	48 883
1997 value of sales:							
Less than $1,000 (see text) ..... farms..	11	266	96	25	161	238	208
$1,000..	(D)	36	14	4	29	18	31
$1,000 to $2,499 ..... farms..	8	106	39	22	120	63	91
$1,000..	11	179	66	33	198	102	157
$2,500 to $4,999 ..... farms..	7	110	56	19	119	91	103
$1,000..	27	384	209	64	438	341	370
$5,000 to $9,999 ..... farms..	8	121	74	17	157	115	136
$1,000..	60	874	563	121	1 098	804	944
$10,000 to $19,999 ..... farms..	9	79	94	14	153	111	163
$1,000..	130	1 118	1 343	190	2 258	1 602	2 303
$20,000 to $24,999 ..... farms..	2	20	34	2	65	32	40
$1,000..	(D)	450	761	(D)	1 442	728	886
$25,000 to $39,999 ..... farms..	3	43	66	7	89	66	88
$1,000..	105	1 332	2 080	215	2 816	2 148	2 814
$40,000 to $49,999 ..... farms..	–	13	21	5	34	36	48
$1,000..	–	590	951	229	1 515	1 608	2 133
$50,000 to $99,999 ..... farms..	3	41	77	6	93	71	83
$1,000..	260	2 842	5 483	396	6 497	4 988	5 720
$100,000 to $249,999 ..... farms..	3	38	101	19	105	90	77
$1,000..	492	6 157	16 723	3 061	16 731	14 233	12 444
$250,000 to $499,999 ..... farms..	–	28	52	2	56	40	30
$1,000..	–	10 528	17 319	(D)	18 974	13 223	10 657
$500,000 or more ..... farms..	–	16	20	2	30	27	18
$1,000..	–	23 310	15 911	(D)	29 380	37 455	22 527
1992 value of sales:							
Less than $1,000 ..... farms..	13	122	37	22	183	78	124
$1,000..	4	41	10	3	46	26	32
$1,000 to $2,499 ..... farms..	5	123	41	17	164	98	131
$1,000..	9	207	69	(D)	266	155	218
$2,500 to $4,999 ..... farms..	13	128	54	13	165	91	141
$1,000..	47	474	196	49	606	321	515
$5,000 to $9,999 ..... farms..	8	138	105	13	181	116	165
$1,000..	56	983	754	84	1 294	845	1 178
$10,000 to $19,999 ..... farms..	4	90	131	14	164	134	159
$1,000..	52	1 235	1 863	205	2 299	1 883	2 286
$20,000 to $24,999 ..... farms..	–	22	42	2	47	43	40
$1,000..	–	507	936	(D)	1 039	940	899
$25,000 to $39,999 ..... farms..	8	37	78	9	99	84	53
$1,000..	243	1 188	2 463	300	3 044	2 577	1 639
$40,000 to $49,999 ..... farms..	1	11	44	5	45	37	38
$1,000..	(D)	473	1 956	208	1 981	1 638	1 685
$50,000 to $99,999 ..... farms..	3	57	94	14	100	115	99
$1,000..	250	3 907	6 446	1 031	6 835	8 174	6 995
$100,000 to $249,999 ..... farms..	2	72	103	6	102	90	90
$1,000..	(D)	11 426	16 246	1 004	15 852	13 577	13 720
$250,000 to $499,999 ..... farms..	–	22	54	5	38	32	31
$1,000..	–	7 556	18 356	1 613	12 184	10 913	10 671
$500,000 or more ..... farms..	–	11	12	–	24	17	9
$1,000..	–	10 357	11 671	–	22 776	25 153	12 956
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms, 1997..	32	470	600	91	983	600	769
1992..	26	519	723	78	1 105	708	799
$1,000, 1997..	416	14 446	57 212	4 728	72 026	44 609	34 924
1992..	115	12 397	55 817	3 640	60 548	34 778	28 858
Grains ..... farms, 1997..	7	273	514	20	385	515	611
1992..	1	322	617	13	451	636	655
$1,000, 1997..	3	11 252	32 908	150	22 158	35 516	26 302
1992..	(D)	9 900	24 393	(D)	13 770	25 330	19 927
Corn for grain ..... farms, 1997..	–	195	360	16	274	409	473
1992..	–	218	374	10	308	525	525
$1,000, 1997..	–	5 235	12 751	130	11 420	21 046	13 057
1992..	–	5 154	8 712	46	7 694	16 597	12 496
Wheat ..... farms, 1997..	–	117	184	2	98	190	255
1992..	–	192	256	2	132	244	340
$1,000, 1997..	–	1 556	1 362	(D)	839	1 208	1 965
1992..	–	1 497	1 373	(D)	755	1 015	1 881
Soybeans ..... farms, 1997..	–	157	397	–	303	390	458
1992..	–	172	377	–	347	473	415
$1,000, 1997..	–	4 351	8 569	–	9 785	12 872	11 004
1992..	–	3 155	4 091	–	5 294	7 177	5 261
Sorghum for grain ..... farms, 1997..	–	–	1	–	–	–	–
1992..	–	1	–	–	–	–	–
$1,000, 1997..	–	–	(D)	–	–	–	–
1992..	–	(D)	–	–	–	–	–
Barley ..... farms, 1997..	–	2	2	–	–	–	–
1992..	–	2	–	–	–	1	2
$1,000, 1997..	–	(D)	(D)	–	–	–	–
1992..	–	(D)	–	–	–	(D)	(D)
Oats ..... farms, 1997..	7	28	28	3	8	31	38
1992..	–	23	17	–	3	19	45
$1,000, 1997..	3	63	65	(D)	14	78	90
1992..	–	27	23	–	3	(D)	(D)
Other grains ..... farms, 1997..	–	9	269	4	15	13	10
1992..	1	21	408	4	16	26	29
$1,000, 1997..	–	(D)	10 153	3	100	312	186
1992..	(D)	64	10 196	7	25	513	197

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms, 1997..	700	188	210	319	350	1 123	27
1992..	735	196	170	332	292	1 207	17
$1,000, 1997..	67 491	4 151	5 848	7 351	12 950	91 515	117
1992..	72 885	4 907	4 602	6 124	10 651	72 396	(D)
Average per farm ..... dollars, 1997..	96 416	22 080	27 847	23 043	36 999	81 492	4 326
1992..	99 163	25 036	27 072	18 446	36 476	59 980	(D)
1997 value of sales:							
Less than $1,000 (see text) ..... farms..	103	52	36	55	60	160	9
$1,000..	17	(D)	9	14	(D)	19	2
$1,000 to $2,499 ..... farms..	68	29	40	43	68	85	9
$1,000..	112	47	64	69	110	135	14
$2,500 to $4,999 ..... farms..	79	27	33	52	37	99	2
$1,000..	283	100	113	189	140	353	(D)
$5,000 to $9,999 ..... farms..	72	24	41	54	50	160	3
$1,000..	529	167	292	381	357	1 142	25
$10,000 to $19,999 ..... farms..	89	17	27	42	35	170	3
$1,000..	1 268	236	407	555	487	2 479	49
$20,000 to $24,999 ..... farms..	16	7	2	6	9	50	1
$1,000..	367	160	(D)	130	194	1 109	(D)
$25,000 to $39,999 ..... farms..	50	11	5	19	25	85	–
$1,000..	1 627	346	153	610	784	2 677	–
$40,000 to $49,999 ..... farms..	21	1	5	7	10	47	–
$1,000..	932	(D)	209	329	433	2 085	–
$50,000 to $99,999 ..... farms..	61	10	3	22	27	93	–
$1,000..	4 239	710	227	1 637	1 925	6 675	–
$100,000 to $249,999 ..... farms..	73	7	13	16	19	94	–
$1,000..	12 067	1 210	1 851	2 375	3 097	15 042	–
$250,000 to $499,999 ..... farms..	38	3	3	3	8	44	–
$1,000..	13 033	1 125	1 088	1 060	2 555	14 451	–
$500,000 or more ..... farms..	30	–	2	–	2	36	–
$1,000..	33 017	–	(D)	–	(D)	45 349	–
1992 value of sales:							
Less than $1,000 ..... farms..	65	41	41	66	46	96	3
$1,000..	19	8	12	14	13	34	2
$1,000 to $2,499 ..... farms..	70	35	21	64	52	100	4
$1,000..	120	59	31	(D)	(D)	171	(D)
$2,500 to $4,999 ..... farms..	88	34	30	39	34	134	2
$1,000..	326	119	99	139	121	502	(D)
$5,000 to $9,999 ..... farms..	82	23	23	58	40	171	3
$1,000..	571	177	161	402	272	1 253	20
$10,000 to $19,999 ..... farms..	92	21	28	37	33	212	5
$1,000..	1 277	302	396	508	477	2 995	61
$20,000 to $24,999 ..... farms..	28	4	2	8	9	71	–
$1,000..	621	85	(D)	181	196	1 590	–
$25,000 to $39,999 ..... farms..	67	7	3	20	14	98	–
$1,000..	2 148	199	88	647	458	3 051	–
$40,000 to $49,999 ..... farms..	15	6	1	3	8	45	–
$1,000..	653	255	(D)	127	359	2 046	–
$50,000 to $99,999 ..... farms..	56	11	10	20	28	117	–
$1,000..	4 016	660	693	1 450	2 073	8 202	–
$100,000 to $249,999 ..... farms..	103	10	6	16	20	102	–
$1,000..	16 641	1 696	942	2 285	3 182	16 335	–
$250,000 to $499,999 ..... farms..	40	4	4	1	7	41	–
$1,000..	13 483	1 347	1 325	(D)	2 411	14 051	–
$500,000 or more ..... farms..	29	–	1	–	1	20	–
$1,000..	33 012	–	(D)	–	(D)	22 165	–
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms, 1997..	523	92	134	197	179	863	13
1992..	553	94	77	183	149	1 021	9
$1,000, 1997..	31 695	1 631	1 211	2 887	1 737	40 994	40
1992..	22 763	1 484	547	1 231	835	29 131	35
Grains ..... farms, 1997..	393	27	20	35	60	714	2
1992..	416	27	23	38	68	884	2
$1,000, 1997..	20 416	197	56	64	684	32 844	(D)
1992..	15 427	72	86	108	415	23 237	(D)
Corn for grain ..... farms, 1997..	293	18	8	1	28	456	2
1992..	293	13	4	2	27	505	–
$1,000, 1997..	11 216	163	14	(D)	366	12 730	(D)
1992..	9 406	39	5	(D)	177	7 920	–
Wheat ..... farms, 1997..	98	5	9	2	42	419	–
1992..	144	4	10	10	52	627	–
$1,000, 1997..	778	19	8	(D)	187	3 857	–
1992..	809	6	21	5	180	3 892	–
Soybeans ..... farms, 1997..	288	–	1	–	11	596	–
1992..	283	–	–	–	5	747	–
$1,000, 1997..	8 307	–	(D)	–	78	15 780	–
1992..	4 968	–	–	–	5	10 807	–
Sorghum for grain ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	1	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	(D)	–
Barley ..... farms, 1997..	4	3	5	3	2	2	–
1992..	3	3	7	2	1	1	–
$1,000, 1997..	2	(D)	(D)	1	(D)	(D)	–
1992..	2	3	19	(D)	(D)	(D)	–
Oats ..... farms, 1997..	14	6	8	29	14	44	–
1992..	25	10	13	32	21	63	2
$1,000, 1997..	13	8	11	54	28	(D)	–
1992..	40	14	15	96	42	(D)	(D)
Other grains ..... farms, 1997..	11	5	5	1	8	20	–
1992..	16	5	6	3	2	38	–
$1,000, 1997..	99	(D)	17	(D)	(D)	399	–
1992..	201	10	26	(D)	(D)	526	–

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms, 1997..	253	116	1 062	207	796	424	48
1992..	237	99	1 069	188	799	400	50
$1,000, 1997..	8 162	3 941	54 948	5 449	27 995	9 557	232
1992..	8 379	3 987	47 218	4 848	30 897	7 120	414
Average per farm ..... dollars, 1997..	32 260	33 975	51 740	26 321	35 169	22 539	4 830
1992..	35 356	40 275	44 170	25 787	38 669	17 800	8 275
1997 value of sales:							
Less than $1,000 (see text) ..... farms..	30	17	224	35	170	95	15
$1,000..	6	4	21	(D)	25	(D)	(D)
$1,000 to $2,499 ..... farms..	35	17	104	24	114	41	14
$1,000..	55	25	179	46	189	66	25
$2,500 to $4,999 ..... farms..	47	15	132	23	118	74	11
$1,000..	170	58	478	78	423	265	41
$5,000 to $9,999 ..... farms..	40	18	127	42	106	58	3
$1,000..	290	126	917	298	734	429	23
$10,000 to $19,999 ..... farms..	31	16	122	38	92	55	3
$1,000..	426	227	1 744	540	1 276	814	38
$20,000 to $24,999 ..... farms..	8	4	34	3	20	20	–
$1,000..	174	91	751	72	438	450	–
$25,000 to $39,999 ..... farms..	11	5	58	17	50	32	1
$1,000..	367	153	1 853	522	1 565	1 016	(D)
$40,000 to $49,999 ..... farms..	4	3	34	3	25	13	–
$1,000..	179	135	1 577	132	1 093	565	–
$50,000 to $99,999 ..... farms..	27	9	93	9	39	16	1
$1,000..	1 876	734	6 545	607	2 704	1 139	(D)
$100,000 to $249,999 ..... farms..	13	9	80	8	37	15	–
$1,000..	2 066	1 481	12 613	1 301	5 863	2 562	–
$250,000 to $499,999 ..... farms..	7	3	33	3	14	4	–
$1,000..	2 552	908	11 169	772	5 030	1 234	–
$500,000 or more ..... farms..	–	–	21	2	11	1	–
$1,000..	–	–	17 100	(D)	8 653	(D)	–
1992 value of sales:							
Less than $1,000 ..... farms..	36	18	117	38	120	73	18
$1,000..	11	8	28	11	30	17	5
$1,000 to $2,499 ..... farms..	37	10	105	20	143	59	13
$1,000..	67	15	179	31	237	99	23
$2,500 to $4,999 ..... farms..	31	12	126	31	115	60	5
$1,000..	112	46	462	111	412	229	19
$5,000 to $9,999 ..... farms..	20	15	163	28	135	65	4
$1,000..	143	115	1 152	191	978	455	29
$10,000 to $19,999 ..... farms..	24	13	139	22	94	57	4
$1,000..	352	189	1 915	311	1 291	805	60
$20,000 to $24,999 ..... farms..	7	–	52	7	18	18	–
$1,000..	152	–	1 151	158	400	402	–
$25,000 to $39,999 ..... farms..	20	–	83	13	45	13	3
$1,000..	649	–	2 625	412	1 416	389	102
$40,000 to $49,999 ..... farms..	8	1	49	3	17	20	1
$1,000..	346	(D)	2 147	123	760	860	(D)
$50,000 to $99,999 ..... farms..	34	17	103	16	50	20	2
$1,000..	2 471	1 284	7 201	1 164	3 483	1 332	(D)
$100,000 to $249,999 ..... farms..	14	11	96	7	34	12	–
$1,000..	2 181	1 661	15 070	1 181	4 952	1 631	–
$250,000 to $499,999 ..... farms..	6	2	27	2	15	3	–
$1,000..	1 895	(D)	8 946	(D)	5 376	899	–
$500,000 or more ..... farms..	–	–	9	1	13	–	–
$1,000..	–	–	6 342	(D)	11 560	–	–
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms, 1997..	152	69	710	117	518	231	28
1992..	118	56	809	100	569	213	23
$1,000, 1997..	3 712	1 834	39 474	1 957	20 496	4 009	180
1992..	2 674	2 383	30 628	1 485	16 842	2 273	100
Grains ..... farms, 1997..	44	15	518	24	290	116	–
1992..	61	11	643	26	364	123	3
$1,000, 1997..	846	132	32 365	86	13 194	2 248	–
1992..	643	36	24 683	104	11 044	1 471	(D)
Corn for grain ..... farms, 1997..	14	6	401	16	163	67	–
1992..	5	3	476	12	202	46	–
$1,000, 1997..	280	46	15 124	49	5 575	1 065	–
1992..	(D)	(D)	11 023	63	5 587	549	–
Wheat ..... farms, 1997..	5	–	262	5	133	63	–
1992..	15	–	402	6	203	92	–
$1,000, 1997..	93	–	4 171	(D)	1 219	401	–
1992..	91	–	3 856	6	1 379	281	–
Soybeans ..... farms, 1997..	3	–	380	–	209	23	–
1992..	2	–	449	–	260	25	–
$1,000, 1997..	89	–	12 711	–	6 136	256	–
1992..	(D)	–	8 335	–	3 898	111	–
Sorghum for grain ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Barley ..... farms, 1997..	12	4	1	–	–	4	–
1992..	16	4	1	2	3	–	–
$1,000, 1997..	59	29	(D)	–	–	5	–
1992..	80	(D)	(D)	(D)	70	–	–
Oats ..... farms, 1997..	16	10	21	15	25	21	–
1992..	29	8	40	14	37	24	3
$1,000, 1997..	63	57	(D)	31	41	32	–
1992..	78	19	(D)	26	50	40	(D)
Other grains ..... farms, 1997..	10	–	20	2	16	27	–
1992..	19	–	80	3	15	27	–
$1,000, 1997..	264	–	314	(D)	223	487	–
1992..	326	–	1 416	(D)	60	491	–

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997..	413	873	1 236	128	1 184	827	1 004	238
1992..	409	914	1 018	139	1 325	835	1 007	206
$1,000, 1997..	17 155	102 439	71 729	2 206	211 414	53 394	87 194	6 769
1992..	14 891	78 632	56 053	2 528	180 246	45 725	75 770	9 574
Average per farm ..... dollars, 1997..	41 537	117 342	58 033	17 238	178 559	64 564	86 846	28 442
1992..	36 409	86 031	55 062	18 190	136 035	54 760	75 244	46 474
1997 value of sales:								
Less than $1,000 (see text) ..... farms..	71	126	403	28	161	114	167	53
$1,000..	(D)	15	33	7	10	22	22	(D)
$1,000 to $2,499 ..... farms..	42	60	105	21	40	103	96	39
$1,000..	66	101	171	36	59	162	162	62
$2,500 to $4,999 ..... farms..	43	68	98	24	44	86	90	27
$1,000..	155	245	357	87	156	310	317	92
$5,000 to $9,999 ..... farms..	60	97	108	18	82	130	130	35
$1,000..	436	703	763	127	621	931	908	242
$10,000 to $19,999 ..... farms..	54	116	138	18	106	109	140	37
$1,000..	787	1 634	1 965	255	1 512	1 475	2 034	512
$20,000 to $24,999 ..... farms..	12	26	32	1	48	22	43	5
$1,000..	268	571	729	(D)	1 086	485	964	110
$25,000 to $39,999 ..... farms..	27	64	83	5	96	51	64	12
$1,000..	827	1 979	2 661	160	3 050	1 660	2 055	354
$40,000 to $49,999 ..... farms..	15	31	23	1	43	22	27	3
$1,000..	683	1 433	1 003	(D)	1 886	968	1 206	135
$50,000 to $99,999 ..... farms..	43	67	94	8	163	65	75	10
$1,000..	3 089	4 857	6 503	598	11 908	4 663	5 419	733
$100,000 to $249,999 ..... farms..	32	101	86	3	203	61	90	10
$1,000..	5 018	16 222	14 193	372	32 962	9 383	14 446	1 720
$250,000 to $499,999 ..... farms..	12	73	41	1	114	40	53	6
$1,000..	4 081	26 607	14 525	(D)	39 442	13 431	18 977	2 084
$500,000 or more ..... farms..	2	44	25	–	84	24	29	1
$1,000..	(D)	48 071	28 824	–	118 722	19 906	40 685	(D)
1992 value of sales:								
Less than $1,000 ..... farms..	69	38	114	38	49	118	93	33
$1,000..	18	21	33	10	19	40	27	9
$1,000 to $2,499 ..... farms..	45	70	103	21	45	117	92	31
$1,000..	74	112	176	36	74	193	158	49
$2,500 to $4,999 ..... farms..	53	76	125	25	70	110	117	33
$1,000..	195	282	450	91	265	408	442	123
$5,000 to $9,999 ..... farms..	47	121	144	19	99	119	135	38
$1,000..	338	879	1 030	136	701	860	998	269
$10,000 to $19,999 ..... farms..	41	154	146	8	165	88	155	28
$1,000..	576	2 207	2 069	111	2 377	1 240	2 173	398
$20,000 to $24,999 ..... farms..	23	39	38	6	68	38	38	7
$1,000..	500	876	847	134	1 505	849	866	157
$25,000 to $39,999 ..... farms..	28	75	80	4	140	54	77	11
$1,000..	909	2 289	2 490	139	4 463	1 760	2 487	338
$40,000 to $49,999 ..... farms..	19	28	24	2	74	17	29	2
$1,000..	844	1 239	1 055	(D)	3 240	779	1 287	(D)
$50,000 to $99,999 ..... farms..	41	105	103	9	185	58	92	6
$1,000..	2 964	7 690	6 931	716	13 541	4 241	6 502	426
$100,000 to $249,999 ..... farms..	34	109	89	6	267	59	113	11
$1,000..	4 788	16 808	13 628	677	41 895	9 757	18 769	1 700
$250,000 to $499,999 ..... farms..	6	66	36	1	103	46	51	4
$1,000..	2 034	22 877	11 923	(D)	35 325	15 972	18 218	1 425
$500,000 or more ..... farms..	3	33	16	–	60	11	15	2
$1,000..	1 653	23 353	15 421	–	76 843	9 625	23 843	(D)
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997..	315	667	697	73	903	572	705	131
1992..	303	794	766	66	1 144	608	777	118
$1,000, 1997..	13 702	65 499	41 793	676	100 392	32 462	35 077	1 614
1992..	11 433	50 683	26 391	714	76 823	22 644	25 549	906
Grains ..... farms, 1997..	81	594	568	11	824	385	551	47
1992..	65	714	687	8	1 077	438	640	55
$1,000, 1997..	1 275	47 558	31 795	7	66 020	24 393	29 127	763
1992..	748	34 064	20 929	(D)	51 353	16 365	20 441	390
Corn for grain ..... farms, 1997..	61	455	416	2	617	258	420	29
1992..	37	522	526	–	716	306	455	23
$1,000, 1997..	866	20 433	14 847	(D)	25 298	10 109	12 919	360
1992..	418	14 191	11 652	–	16 118	8 165	8 869	146
Wheat ..... farms, 1997..	40	225	267	–	491	213	324	21
1992..	39	353	305	–	819	260	445	32
$1,000, 1997..	229	2 446	2 529	–	6 362	3 314	3 670	189
1992..	217	2 344	1 352	–	9 063	2 635	3 578	134
Soybeans ..... farms, 1997..	9	494	460	–	354	304	374	17
1992..	1	590	487	–	212	279	417	8
$1,000, 1997..	(D)	18 008	14 355	–	7 621	10 816	12 191	154
1992..	(D)	10 146	7 486	–	1 658	5 461	6 787	(D)
Sorghum for grain ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	1	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	(D)	–	–	–	–	–
Barley ..... farms, 1997..	1	1	–	1	43	1	2	1
1992..	7	3	1	1	57	2	2	1
$1,000, 1997..	(D)	(D)	–	(D)	251	(D)	(D)	(D)
1992..	(D)	(D)	(D)	(D)	418	(D)	(D)	(D)
Oats ..... farms, 1997..	23	14	20	10	116	24	34	16
1992..	25	20	42	8	192	26	56	18
$1,000, 1997..	58	(D)	31	4	293	82	(D)	41
1992..	41	(D)	(D)	10	542	(D)	(D)	42
Other grains ..... farms, 1997..	16	143	9	4	576	8	9	4
1992..	18	254	20	–	791	19	52	9
$1,000, 1997..	74	6 639	32	1	26 194	(D)	270	(D)
1992..	42	7 297	365	–	23 554	77	1 129	52

USDA, National Agricultural Statistics Service

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997..	86	911	987	696	139	1 136	5	126
1992..	75	883	1 041	745	79	1 190	3	101
$1,000, 1997..	1 593	56 825	44 311	105 494	5 060	121 041	5	2 073
1992..	1 832	49 110	44 654	87 635	3 096	105 990	(D)	1 148
Average per farm ..... dollars, 1997..	18 525	62 377	44 895	151 572	36 405	106 550	994	16 454
1992..	24 429	55 617	42 895	117 631	39 186	89 067	(D)	11 366
1997 value of sales:								
Less than $1,000 (see text) ..... farms..	18	137	185	100	23	180	4	29
$1,000..	5	18	24	18	8	26	(D)	9
$1,000 to $2,499 ..... farms..	16	86	127	76	33	129	–	24
$1,000..	27	141	206	119	51	215	–	41
$2,500 to $4,999 ..... farms..	13	108	121	65	29	152	1	24
$1,000..	44	397	439	233	104	545	(D)	89
$5,000 to $9,999 ..... farms..	13	107	142	78	15	127	–	17
$1,000..	90	769	1 018	559	110	879	–	126
$10,000 to $19,999 ..... farms..	9	109	123	103	13	120	–	15
$1,000..	127	1 564	1 754	1 390	174	1 658	–	209
$20,000 to $24,999 ..... farms..	1	37	36	18	3	38	–	2
$1,000..	(D)	830	798	388	65	850	–	(D)
$25,000 to $39,999 ..... farms..	8	72	81	45	7	67	–	5
$1,000..	238	2 269	2 628	1 425	224	2 007	–	164
$40,000 to $49,999 ..... farms..	1	29	31	11	2	20	–	2
$1,000..	(D)	1 279	1 418	492	(D)	865	–	(D)
$50,000 to $99,999 ..... farms..	4	81	51	45	5	89	–	4
$1,000..	282	6 028	3 526	3 250	313	6 235	–	276
$100,000 to $249,999 ..... farms..	2	84	47	59	5	107	–	3
$1,000..	(D)	12 844	7 215	9 461	873	16 119	–	542
$250,000 to $499,999 ..... farms..	1	41	31	41	1	60	–	1
$1,000..	(D)	14 480	10 875	14 242	(D)	20 561	–	(D)
$500,000 or more ..... farms..	–	20	12	55	3	47	–	–
$1,000..	–	16 208	14 410	73 917	2 771	71 081	–	–
1992 value of sales:								
Less than $1,000 ..... farms..	13	83	174	90	22	166	2	19
$1,000..	2	31	48	25	6	47	–	4
$1,000 to $2,499 ..... farms..	16	101	140	84	10	159	–	22
$1,000..	(D)	168	223	151	15	264	–	(D)
$2,500 to $4,999 ..... farms..	13	92	152	94	13	139	1	24
$1,000..	47	333	547	333	52	472	(D)	89
$5,000 to $9,999 ..... farms..	3	118	137	115	11	157	–	16
$1,000..	20	824	975	838	75	1 108	–	114
$10,000 to $19,999 ..... farms..	9	126	140	72	11	131	–	7
$1,000..	131	1 766	2 022	983	155	1 872	–	107
$20,000 to $24,999 ..... farms..	3	40	34	18	2	30	–	3
$1,000..	66	879	748	399	(D)	669	–	69
$25,000 to $39,999 ..... farms..	3	74	80	42	1	62	–	–
$1,000..	83	2 355	2 497	1 309	(D)	1 951	–	–
$40,000 to $49,999 ..... farms..	4	37	18	18	–	37	–	5
$1,000..	170	1 661	790	809	–	1 669	–	216
$50,000 to $99,999 ..... farms..	6	92	59	62	1	96	–	4
$1,000..	469	6 562	4 156	4 310	(D)	6 791	–	280
$100,000 to $249,999 ..... farms..	4	77	59	64	5	106	–	1
$1,000..	506	12 437	8 831	11 289	705	16 756	–	(D)
$250,000 to $499,999 ..... farms..	1	28	38	46	1	63	–	–
$1,000..	(D)	10 001	12 909	16 552	(D)	22 427	–	–
$500,000 or more ..... farms..	–	15	10	40	2	44	–	–
$1,000..	–	12 092	10 909	50 638	(D)	51 963	–	–
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997..	44	599	663	523	99	787	–	59
1992..	31	628	721	567	44	858	–	41
$1,000, 1997..	1 037	26 899	23 816	67 704	3 945	91 987	–	1 001
1992..	931	14 608	17 786	52 216	2 117	73 688	–	131
Grains ..... farms, 1997..	13	444	469	291	20	374	–	12
1992..	10	488	532	345	10	395	–	10
$1,000, 1997..	88	19 176	16 542	20 115	(D)	13 539	–	22
1992..	(D)	10 947	13 349	15 294	(D)	7 425	–	(D)
Corn for grain ..... farms, 1997..	–	297	400	249	15	307	–	5
1992..	–	305	441	270	6	295	–	4
$1,000, 1997..	–	8 236	9 648	11 374	166	7 931	–	11
1992..	–	4 960	9 215	9 623	20	4 602	–	10
Wheat ..... farms, 1997..	2	228	193	105	4	153	–	5
1992..	3	295	268	154	3	204	–	1
$1,000, 1997..	(D)	1 739	1 428	1 144	(D)	1 198	–	10
1992..	8	1 590	1 499	1 057	(D)	964	–	(D)
Soybeans ..... farms, 1997..	–	289	230	229	–	122	–	–
1992..	–	243	196	239	–	81	–	1
$1,000, 1997..	–	6 873	5 381	7 355	–	3 059	–	–
1992..	–	2 630	2 411	4 430	–	812	–	(D)
Sorghum for grain ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Barley ..... farms, 1997..	5	8	–	–	1	2	–	–
1992..	2	3	6	–	–	2	–	–
$1,000, 1997..	(D)	43	–	–	(D)	(D)	–	–
1992..	(D)	9	7	–	–	(D)	–	–
Oats ..... farms, 1997..	10	49	45	19	1	51	–	3
1992..	8	76	57	29	1	74	–	4
$1,000, 1997..	33	120	64	66	(D)	(D)	–	2
1992..	26	114	124	46	(D)	(D)	–	8
Other grains ..... farms, 1997..	5	82	6	10	5	31	–	–
1992..	1	111	18	15	3	35	–	–
$1,000, 1997..	22	2 165	20	177	(D)	1 206	–	–
1992..	(D)	1 644	92	136	(Z)	913	–	–

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997..	1 020	369	1 317	637	31	72	523	284
1992..	1 119	374	1 259	683	31	70	558	252
$1,000, 1997..	54 255	28 725	102 849	28 455	2 326	2 547	44 734	9 096
1992..	48 103	25 039	88 993	29 189	1 001	3 128	34 223	7 774
Average per farm ..... dollars, 1997..	53 191	77 845	78 093	44 671	75 029	35 373	85 534	32 030
1992..	42 987	66 949	70 685	42 736	32 291	44 679	61 332	30 851
1997 value of sales:								
Less than $1,000 (see text) ..... farms..	175	35	280	123	3	12	70	46
$1,000..	24	5	24	15	–	6	10	13
$1,000 to $2,499 ..... farms..	139	28	90	77	6	16	54	57
$1,000..	228	44	148	126	10	26	92	92
$2,500 to $4,999 ..... farms..	139	30	105	71	4	9	63	45
$1,000..	493	109	377	247	13	33	219	169
$5,000 to $9,999 ..... farms..	140	39	121	96	4	9	53	40
$1,000..	991	269	872	659	30	69	382	277
$10,000 to $19,999 ..... farms..	127	44	165	89	4	8	81	25
$1,000..	1 759	624	2 407	1 290	59	131	1 133	349
$20,000 to $24,999 ..... farms..	37	11	54	24	2	–	19	11
$1,000..	836	245	1 218	515	(D)	–	417	242
$25,000 to $39,999 ..... farms..	55	36	82	33	–	7	35	23
$1,000..	1 699	1 104	2 546	1 057	–	219	1 050	693
$40,000 to $49,999 ..... farms..	24	14	46	14	1	–	17	5
$1,000..	1 063	626	2 066	602	(D)	–	751	229
$50,000 to $99,999 ..... farms..	67	56	116	40	1	8	45	10
$1,000..	4 629	3 979	8 509	2 786	(D)	545	3 290	702
$100,000 to $249,999 ..... farms..	65	54	146	47	4	1	48	13
$1,000..	10 442	8 896	24 504	7 405	509	(D)	7 096	1 996
$250,000 to $499,999 ..... farms..	30	15	77	16	–	–	24	5
$1,000..	10 636	4 954	24 823	5 340	–	–	8 565	1 804
$500,000 or more ..... farms..	22	7	35	7	2	2	14	4
$1,000..	21 454	7 870	35 356	8 412	(D)	(D)	21 727	2 532
1992 value of sales:								
Less than $1,000 ..... farms..	185	42	99	116	4	9	69	58
$1,000..	46	8	24	31	(Z)	3	21	13
$1,000 to $2,499 ..... farms..	148	34	94	99	1	10	61	38
$1,000..	242	62	157	158	(D)	18	105	(D)
$2,500 to $4,999 ..... farms..	159	27	107	103	7	11	58	29
$1,000..	583	97	391	370	27	37	208	95
$5,000 to $9,999 ..... farms..	159	33	163	105	3	5	85	39
$1,000..	1 105	224	1 181	751	17	36	578	281
$10,000 to $19,999 ..... farms..	140	52	192	92	6	7	82	23
$1,000..	1 966	734	2 738	1 283	84	101	1 199	327
$20,000 to $24,999 ..... farms..	44	9	56	25	3	6	27	10
$1,000..	976	202	1 243	558	62	126	596	234
$25,000 to $39,999 ..... farms..	57	32	105	21	2	6	38	19
$1,000..	1 752	1 035	3 391	674	(D)	196	1 194	571
$40,000 to $49,999 ..... farms..	23	18	50	14	–	4	14	4
$1,000..	1 027	797	2 190	638	–	183	632	177
$50,000 to $99,999 ..... farms..	76	57	143	41	1	4	49	15
$1,000..	5 066	4 203	10 149	2 970	(D)	295	3 528	971
$100,000 to $249,999 ..... farms..	82	54	163	43	4	5	45	12
$1,000..	12 570	8 254	26 925	6 891	649	659	7 196	1 972
$250,000 to $499,999 ..... farms..	34	10	58	18	–	1	22	2
$1,000..	11 792	3 447	19 338	6 308	–	(D)	7 161	(D)
$500,000 or more ..... farms..	12	6	29	6	–	2	8	3
$1,000..	10 977	5 977	21 266	8 556	–	(D)	11 806	2 349
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997..	662	304	920	383	23	42	405	205
1992..	740	301	1 045	449	20	38	459	166
$1,000, 1997..	32 266	23 805	78 336	18 519	1 896	345	41 310	8 118
1992..	24 218	20 982	61 486	15 842	329	331	27 620	6 724
Grains ..... farms, 1997..	373	40	795	190	5	10	219	40
1992..	463	48	923	249	4	11	251	42
$1,000, 1997..	17 086	468	64 279	8 017	27	35	8 350	665
1992..	11 493	313	50 323	6 463	(D)	55	6 405	490
Corn for grain ..... farms, 1997..	246	35	592	137	3	1	110	30
1992..	306	30	690	180	–	1	141	20
$1,000, 1997..	8 418	414	24 919	4 227	8	(D)	2 795	210
1992..	6 575	186	22 548	4 133	–	(D)	2 599	57
Wheat ..... farms, 1997..	188	12	482	99	–	5	114	4
1992..	271	9	526	145	1	7	124	10
$1,000, 1997..	1 277	27	7 647	726	–	8	647	(D)
1992..	1 427	17	5 257	905	(D)	43	660	27
Soybeans ..... farms, 1997..	203	–	691	112	–	1	171	1
1992..	186	3	792	105	–	–	188	–
$1,000, 1997..	5 389	–	31 549	3 011	–	(D)	4 893	(D)
1992..	1 898	(D)	22 264	1 385	–	–	3 020	–
Sorghum for grain ..... farms, 1997..	–	–	1	–	–	–	–	–
1992..	–	–	1	–	–	–	–	–
$1,000, 1997..	–	–	(D)	–	–	–	–	–
1992..	–	–	(D)	–	–	–	–	–
Barley ..... farms, 1997..	7	–	1	–	–	3	–	1
1992..	16	1	1	–	1	1	1	–
$1,000, 1997..	24	–	(D)	–	–	(D)	–	(D)
1992..	66	(D)	(D)	–	(D)	(D)	(D)	–
Oats ..... farms, 1997..	39	11	27	13	2	5	4	5
1992..	74	13	54	24	3	4	18	4
$1,000, 1997..	84	19	(D)	22	(D)	6	10	3
1992..	116	15	(D)	(D)	9	6	(D)	5
Other grains ..... farms, 1997..	22	6	12	7	1	1	5	17
1992..	39	10	22	2	1	1	13	19
$1,000, 1997..	1 895	8	104	31	(D)	(D)	4	369
1992..	1 412	13	134	(D)	(D)	(D)	102	400

USDA, National Agricultural Statistics Service

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997..	108	413	597	348	418	335	1 058	954
1992..	84	402	592	309	442	289	1 135	900
$1,000, 1997..	2 946	23 621	24 866	18 302	17 254	34 697	94 138	87 860
1992..	1 743	20 373	22 062	16 732	20 347	29 085	66 291	64 873
Average per farm ..... dollars, 1997..	27 278	57 194	41 651	52 592	41 278	103 575	88 977	92 096
1992..	20 746	50 679	37 267	54 147	46 033	100 640	58 406	72 081
1997 value of sales:								
Less than $1,000 (see text) ..... farms..	30	37	124	48	78	32	128	173
$1,000..	5	7	22	9	19	(D)	29	28
$1,000 to $2,499 ..... farms..	23	51	71	47	42	63	98	101
$1,000..	35	81	118	72	68	101	162	168
$2,500 to $4,999 ..... farms..	12	54	90	39	53	32	90	116
$1,000..	39	193	329	142	195	114	323	417
$5,000 to $9,999 ..... farms..	15	73	86	54	68	40	131	118
$1,000..	106	516	616	397	491	265	945	829
$10,000 to $19,999 ..... farms..	14	53	66	42	61	27	156	106
$1,000..	200	774	912	590	879	410	2 206	1 492
$20,000 to $24,999 ..... farms..	3	9	20	7	9	12	49	34
$1,000..	69	203	444	158	200	262	1 079	757
$25,000 to $39,999 ..... farms..	3	26	31	14	27	14	88	62
$1,000..	(D)	830	1 002	419	880	437	2 833	1 979
$40,000 to $49,999 ..... farms..	–	13	15	1	6	2	39	17
$1,000..	–	579	697	(D)	269	(D)	1 727	773
$50,000 to $99,999 ..... farms..	1	40	41	38	29	32	92	75
$1,000..	(D)	2 694	2 777	2 604	2 094	2 430	6 562	5 357
$100,000 to $249,999 ..... farms..	5	36	30	39	29	45	116	79
$1,000..	727	6 002	4 576	6 098	4 206	7 834	18 278	12 744
$250,000 to $499,999 ..... farms..	1	11	15	17	8	16	42	36
$1,000..	(D)	3 802	4 622	6 527	2 902	6 022	14 364	13 363
$500,000 or more ..... farms..	1	10	8	2	8	20	29	37
$1,000..	(D)	7 939	8 751	(D)	5 051	16 724	45 632	49 954
1992 value of sales:								
Less than $1,000 ..... farms..	27	58	100	49	49	34	104	130
$1,000..	3	12	30	12	14	12	33	43
$1,000 to $2,499 ..... farms..	12	51	74	33	49	28	113	106
$1,000..	20	84	124	(D)	79	(D)	191	173
$2,500 to $4,999 ..... farms..	11	44	76	38	78	36	127	110
$1,000..	35	161	274	136	281	125	448	397
$5,000 to $9,999 ..... farms..	12	46	100	40	72	27	183	121
$1,000..	82	318	703	283	505	190	1 291	884
$10,000 to $19,999 ..... farms..	8	49	61	32	68	22	172	128
$1,000..	97	682	870	440	936	319	2 462	1 819
$20,000 to $24,999 ..... farms..	4	12	20	3	16	6	46	14
$1,000..	87	267	447	67	359	134	1 030	307
$25,000 to $39,999 ..... farms..	1	29	40	11	37	16	111	45
$1,000..	(D)	899	1 336	347	1 128	480	3 499	1 458
$40,000 to $49,999 ..... farms..	2	14	16	10	20	2	28	26
$1,000..	(D)	630	730	455	894	(D)	1 220	1 189
$50,000 to $99,999 ..... farms..	1	52	54	35	16	22	107	68
$1,000..	(D)	3 640	3 710	2 702	1 231	1 768	7 661	4 868
$100,000 to $249,999 ..... farms..	5	30	32	41	21	57	90	96
$1,000..	950	4 538	5 419	5 780	3 230	8 960	13 840	15 093
$250,000 to $499,999 ..... farms..	1	11	15	15	7	30	34	32
$1,000..	(D)	4 048	5 095	5 220	2 279	10 204	11 666	11 447
$500,000 or more ..... farms..	–	6	4	2	9	9	20	24
$1,000..	–	5 094	3 324	(D)	9 409	6 755	22 948	27 195
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997..	53	319	329	204	279	212	881	637
1992..	42	281	313	127	310	135	990	614
$1,000, 1997..	1 125	16 019	10 049	2 426	13 125	4 698	84 578	63 194
1992..	602	11 001	6 521	806	13 714	1 441	56 968	42 838
Grains ..... farms, 1997..	7	138	145	65	196	58	724	406
1992..	6	122	150	63	246	51	844	457
$1,000, 1997..	57	2 646	2 981	863	10 305	692	44 308	22 986
1992..	(D)	(D)	1 854	223	9 255	298	32 482	15 054
Corn for grain ..... farms, 1997..	–	89	102	41	159	30	474	338
1992..	–	70	91	26	170	15	533	313
$1,000, 1997..	–	1 649	1 938	690	4 524	473	16 735	11 721
1992..	–	790	878	127	3 745	181	12 937	6 242
Wheat ..... farms, 1997..	–	93	54	2	52	27	407	155
1992..	–	71	84	7	89	24	413	251
$1,000, 1997..	–	662	186	(D)	363	129	5 304	2 289
1992..	–	300	252	13	445	65	3 428	1 881
Soybeans ..... farms, 1997..	2	22	4	4	151	1	637	117
1992..	–	14	6	3	179	–	753	118
$1,000, 1997..	(D)	232	29	(D)	3 756	(D)	22 014	2 940
1992..	–	56	(D)	8	3 036	–	15 787	1 308
Sorghum for grain ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Barley ..... farms, 1997..	3	1	3	18	–	2	1	9
1992..	2	2	2	14	–	2	3	8
$1,000, 1997..	(D)	(D)	3	95	–	(D)	(D)	23
1992..	(D)	(D)	(D)	26	–	(D)	1	25
Oats ..... farms, 1997..	4	33	23	23	11	14	38	51
1992..	2	26	33	28	13	23	51	43
$1,000, 1997..	4	64	32	47	30	45	(D)	126
1992..	(D)	30	25	41	21	49	77	55
Other grains ..... farms, 1997..	1	22	37	2	41	6	7	136
1992..	2	22	36	6	75	2	20	152
$1,000, 1997..	(D)	(D)	793	(D)	1 631	35	133	5 887
1992..	(D)	60	677	7	2 009	(D)	252	5 541

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997..	103	410	670	544	573	261	92	496
1992..	112	417	667	503	594	261	95	458
$1,000, 1997..	3 271	44 435	48 541	32 452	49 792	22 144	2 205	19 284
1992..	2 564	29 658	39 451	25 009	44 054	15 724	1 981	17 112
Average per farm ..... dollars, 1997..	31 755	108 379	72 449	59 654	86 896	84 841	23 963	38 879
1992..	22 892	71 123	59 147	49 720	74 166	60 245	20 855	37 362
1997 value of sales:								
Less than $1,000 (see text) ..... farms..	12	75	85	165	61	33	7	69
$1,000..	(D)	13	16	19	12	(D)	(D)	13
$1,000 to $2,499 ..... farms..	14	61	95	68	61	23	15	82
$1,000..	23	101	154	106	99	37	23	139
$2,500 to $4,999 ..... farms..	21	49	82	61	61	30	19	84
$1,000..	76	179	295	211	218	112	72	298
$5,000 to $9,999 ..... farms..	15	50	87	69	72	38	23	77
$1,000..	100	351	626	457	510	276	171	550
$10,000 to $19,999 ..... farms..	13	40	88	56	71	39	8	57
$1,000..	166	530	1 200	743	979	545	115	770
$20,000 to $24,999 ..... farms..	3	14	23	13	19	12	5	13
$1,000..	66	303	521	284	427	270	113	284
$25,000 to $39,999 ..... farms..	7	18	32	26	39	17	6	24
$1,000..	228	543	1 024	816	1 235	540	184	740
$40,000 to $49,999 ..... farms..	1	12	16	11	21	2	–	9
$1,000..	(D)	534	711	492	926	(D)	–	416
$50,000 to $99,999 ..... farms..	8	21	57	27	65	16	4	26
$1,000..	600	1 489	3 912	1 879	4 426	1 193	316	1 888
$100,000 to $249,999 ..... farms..	6	32	53	29	56	24	3	34
$1,000..	753	5 101	8 422	4 459	9 422	3 967	467	5 404
$250,000 to $499,999 ..... farms..	2	19	25	6	22	20	2	16
$1,000..	(D)	6 511	8 653	1 985	7 833	6 939	(D)	5 273
$500,000 or more ..... farms..	1	19	27	13	25	7	–	5
$1,000..	(D)	28 781	23 008	21 003	23 704	8 175	–	3 510
1992 value of sales:								
Less than $1,000 ..... farms..	13	75	101	127	79	33	15	89
$1,000..	2	21	31	24	21	11	3	29
$1,000 to $2,499 ..... farms..	24	66	94	80	59	27	11	60
$1,000..	(D)	110	156	134	92	46	16	(D)
$2,500 to $4,999 ..... farms..	17	59	107	73	53	37	16	86
$1,000..	59	200	404	274	184	141	61	320
$5,000 to $9,999 ..... farms..	20	60	83	56	74	39	20	67
$1,000..	135	420	609	384	516	249	135	487
$10,000 to $19,999 ..... farms..	17	30	64	50	87	35	11	44
$1,000..	205	394	907	687	1 244	492	142	606
$20,000 to $24,999 ..... farms..	1	11	21	17	28	6	2	6
$1,000..	(D)	240	474	368	622	133	(D)	136
$25,000 to $39,999 ..... farms..	6	22	32	22	32	10	6	22
$1,000..	211	662	997	690	998	309	186	711
$40,000 to $49,999 ..... farms..	–	9	11	7	23	9	3	11
$1,000..	–	394	483	294	1 014	395	144	468
$50,000 to $99,999 ..... farms..	9	25	66	26	47	13	6	21
$1,000..	631	1 854	4 686	1 792	3 407	1 065	408	1 468
$100,000 to $249,999 ..... farms..	4	36	46	25	64	31	4	31
$1,000..	825	5 906	6 846	3 775	10 298	4 738	592	5 022
$250,000 to $499,999 ..... farms..	1	10	26	12	27	17	1	19
$1,000..	(D)	3 753	9 171	4 340	9 336	5 784	(D)	6 631
$500,000 or more ..... farms..	–	14	16	8	21	4	–	2
$1,000..	–	15 703	14 688	12 249	16 323	2 359	–	(D)
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997..	51	286	410	278	452	136	46	254
1992..	59	275	410	279	454	130	46	200
$1,000, 1997..	1 200	23 995	20 155	29 719	37 179	3 010	549	3 406
1992..	468	17 582	13 035	22 157	33 343	1 680	220	1 280
Grains ..... farms, 1997..	22	108	209	59	164	58	5	56
1992..	33	113	181	63	134	69	9	52
$1,000, 1997..	615	(D)	4 475	2 759	2 175	1 131	(D)	292
1992..	258	(D)	1 526	2 652	914	824	26	189
Corn for grain ..... farms, 1997..	10	95	180	45	136	28	–	31
1992..	10	91	134	53	97	32	–	14
$1,000, 1997..	269	2 660	3 781	1 584	1 609	671	–	163
1992..	42	1 313	1 211	2 002	626	474	–	99
Wheat ..... farms, 1997..	14	41	72	32	57	25	1	18
1992..	21	50	75	34	52	45	1	24
$1,000, 1997..	98	298	261	370	281	294	(D)	81
1992..	84	172	193	356	144	260	(D)	41
Soybeans ..... farms, 1997..	5	23	31	25	14	4	–	2
1992..	1	16	7	16	10	–	–	4
$1,000, 1997..	22	712	333	781	127	24	–	(D)
1992..	(D)	315	35	261	29	–	–	19
Sorghum for grain ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Barley ..... farms, 1997..	6	2	5	–	1	10	–	3
1992..	6	1	4	–	2	3	–	3
$1,000, 1997..	43	(D)	20	–	(D)	73	–	6
1992..	21	(D)	4	–	(D)	(D)	–	(D)
Oats ..... farms, 1997..	6	12	29	3	36	15	4	6
1992..	13	21	29	8	16	21	8	18
$1,000, 1997..	15	23	37	(D)	(D)	60	3	8
1992..	51	33	31	33	(D)	37	(D)	20
Other grains ..... farms, 1997..	8	3	11	2	39	5	–	5
1992..	2	5	11	–	47	5	–	4
$1,000, 1997..	168	3	43	(D)	102	8	–	(D)
1992..	(D)	6	52	–	96	(D)	–	(D)

USDA, National Agricultural Statistics Service

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997..	80	139	1 292	296	36	1 163	940	791
1992..	76	133	1 367	278	36	1 294	988	855
$1,000, 1997..	1 880	3 810	299 985	13 085	513	84 034	36 076	81 103
1992..	1 870	2 853	232 853	10 891	237	74 553	36 448	66 660
Average per farm ..... dollars, 1997..	23 494	27 407	232 187	44 206	14 255	72 256	38 378	102 533
1992..	24 605	21 451	170 339	39 176	6 591	57 614	36 891	77 965
1997 value of sales:								
Less than $1,000 (see text) ..... farms..	13	26	135	38	6	106	158	114
$1,000..	(D)	2	28	11	(D)	17	28	15
$1,000 to $2,499 ..... farms..	7	20	117	37	7	84	111	65
$1,000..	13	32	188	63	11	134	176	110
$2,500 to $4,999 ..... farms..	11	18	140	50	5	109	117	59
$1,000..	37	67	503	187	19	406	425	213
$5,000 to $9,999 ..... farms..	14	33	150	49	3	125	143	85
$1,000..	104	237	1 061	348	23	906	1 027	599
$10,000 to $19,999 ..... farms..	13	15	128	26	6	174	130	108
$1,000..	183	208	1 820	381	92	2 481	1 844	1 529
$20,000 to $24,999 ..... farms..	1	3	49	15	2	64	25	33
$1,000..	(D)	67	1 083	336	(D)	1 401	558	739
$25,000 to $39,999 ..... farms..	4	8	72	20	3	122	69	72
$1,000..	143	261	2 271	620	96	3 857	2 112	2 231
$40,000 to $49,999 ..... farms..	4	1	45	9	2	47	32	40
$1,000..	184	(D)	1 941	400	(D)	2 093	1 400	1 793
$50,000 to $99,999 ..... farms..	10	5	118	17	2	122	78	57
$1,000..	785	381	8 342	1 222	(D)	8 389	5 605	3 884
$100,000 to $249,999 ..... farms..	3	8	143	23	–	120	54	74
$1,000..	402	1 220	22 178	3 622	–	18 497	8 094	12 017
$250,000 to $499,999 ..... farms..	–	1	94	8	–	61	15	49
$1,000..	–	(D)	32 375	2 700	–	21 369	5 132	17 082
$500,000 or more ..... farms..	–	1	101	4	–	29	8	35
$1,000..	–	(D)	228 195	3 195	–	24 484	9 674	40 891
1992 value of sales:								
Less than $1,000 ..... farms..	9	22	124	30	11	93	168	63
$1,000..	2	4	37	8	3	26	58	20
$1,000 to $2,499 ..... farms..	10	19	127	33	6	87	124	68
$1,000..	17	(D)	211	(D)	(D)	151	203	110
$2,500 to $4,999 ..... farms..	14	27	132	46	2	119	134	81
$1,000..	48	84	473	171	(D)	414	498	301
$5,000 to $9,999 ..... farms..	9	24	180	45	11	184	169	110
$1,000..	59	167	1 252	318	75	1 346	1 206	805
$10,000 to $19,999 ..... farms..	6	18	141	38	3	211	122	143
$1,000..	89	260	2 071	522	34	3 033	1 712	2 019
$20,000 to $24,999 ..... farms..	4	6	29	10	–	76	29	32
$1,000..	92	139	638	217	–	1 684	633	727
$25,000 to $39,999 ..... farms..	11	4	79	16	3	127	49	67
$1,000..	367	129	2 475	517	106	4 036	1 544	2 085
$40,000 to $49,999 ..... farms..	4	–	44	9	–	49	29	26
$1,000..	181	–	1 958	400	–	2 195	1 277	1 171
$50,000 to $99,999 ..... farms..	6	2	155	17	–	148	86	97
$1,000..	375	(D)	11 068	1 157	–	10 970	6 102	6 595
$100,000 to $249,999 ..... farms..	2	8	198	26	–	138	61	103
$1,000..	(D)	1 101	31 151	4 144	–	21 772	9 093	15 533
$250,000 to $499,999 ..... farms..	1	3	95	6	–	47	10	45
$1,000..	(D)	809	32 372	1 913	–	16 671	3 574	15 783
$500,000 or more ..... farms..	–	–	63	2	–	15	7	20
$1,000..	–	–	149 147	(D)	–	12 255	10 549	21 510
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997..	39	83	937	184	21	996	686	563
1992..	24	72	981	167	18	1 172	728	657
$1,000, 1997..	360	2 503	160 066	7 816	375	74 753	27 664	62 513
1992..	67	1 016	108 015	4 831	122	61 387	20 845	46 077
Grains ..... farms, 1997..	7	31	410	105	1	853	466	452
1992..	5	22	449	111	2	1 073	531	562
$1,000, 1997..	53	193	10 552	2 055	(D)	53 337	17 878	43 270
1992..	(D)	(D)	5 552	1 134	(D)	43 013	14 324	38 691
Corn for grain ..... farms, 1997..	5	12	295	46	–	646	196	402
1992..	1	6	326	17	–	720	228	467
$1,000, 1997..	49	41	7 271	708	–	21 317	3 751	30 716
1992..	(D)	25	4 693	165	–	14 318	4 306	29 066
Wheat ..... farms, 1997..	2	12	198	28	–	373	228	72
1992..	–	10	199	37	1	563	357	111
$1,000, 1997..	(D)	19	1 000	161	–	3 423	1 714	369
1992..	–	15	585	122	(D)	4 035	2 273	400
Soybeans ..... farms, 1997..	–	1	132	8	–	776	386	341
1992..	–	–	33	1	–	956	409	407
$1,000, 1997..	–	(D)	2 154	112	–	23 738	11 738	11 495
1992..	–	–	190	(D)	–	19 639	7 409	7 727
Sorghum for grain ..... farms, 1997..	–	–	1	1	–	1	1	–
1992..	–	–	–	–	–	–	1	–
$1,000, 1997..	–	–	(D)	(D)	–	(D)	(D)	–
1992..	–	–	–	–	–	–	(D)	–
Barley ..... farms, 1997..	–	3	5	23	–	–	3	–
1992..	–	–	5	13	–	5	8	1
$1,000, 1997..	–	(D)	(D)	(D)	–	–	36	–
1992..	–	–	6	(D)	–	12	(D)	(D)
Oats ..... farms, 1997..	1	11	36	49	1	36	29	23
1992..	3	12	64	60	–	48	66	22
$1,000, 1997..	(D)	35	58	187	(D)	(D)	70	27
1992..	1	32	56	210	–	55	176	(D)
Other grains ..... farms, 1997..	2	11	21	32	–	157	8	21
1992..	1	5	35	57	1	228	15	55
$1,000, 1997..	(D)	92	49	812	–	4 803	(D)	664
1992..	(D)	(D)	22	593	(D)	4 955	121	1 475

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997..	1 448	45	915	1 140	1 059	1 030	303	251
1992..	1 433	49	1 086	1 128	1 164	1 057	303	178
$1,000, 1997..	132 513	1 230	45 200	105 723	100 641	56 521	27 159	8 690
1992..	116 977	1 522	42 186	97 374	84 931	52 585	21 465	4 065
Average per farm ..... dollars, 1997..	91 514	27 326	49 399	92 739	95 034	54 874	89 635	34 621
1992..	81 631	31 064	38 845	86 324	72 965	49 749	70 842	22 835
1997 value of sales:								
Less than $1,000 (see text) ..... farms..	218	4	111	169	152	172	74	53
$1,000..	23	(D)	28	25	30	24	10	11
$1,000 to $2,499 ..... farms..	84	5	70	106	98	94	41	43
$1,000..	140	9	115	175	158	149	70	67
$2,500 to $4,999 ..... farms..	108	8	112	108	108	117	18	32
$1,000..	404	25	402	402	365	418	70	118
$5,000 to $9,999 ..... farms..	160	8	118	109	151	156	30	42
$1,000..	1 125	56	832	786	1 062	1 072	200	299
$10,000 to $19,999 ..... farms..	132	8	130	111	121	149	33	26
$1,000..	1 867	113	1 942	1 648	1 742	2 152	466	358
$20,000 to $24,999 ..... farms..	58	–	37	48	35	29	8	9
$1,000..	1 285	–	830	1 064	767	634	176	199
$25,000 to $39,999 ..... farms..	130	3	88	88	88	69	22	5
$1,000..	4 178	105	2 810	2 815	2 735	2 173	702	151
$40,000 to $49,999 ..... farms..	54	1	43	36	39	32	12	6
$1,000..	2 383	(D)	1 935	1 610	1 707	1 409	541	271
$50,000 to $99,999 ..... farms..	166	5	80	102	87	79	21	17
$1,000..	12 261	303	5 438	7 168	6 471	5 415	1 529	1 222
$100,000 to $249,999 ..... farms..	186	2	88	153	98	82	21	11
$1,000..	30 152	(D)	13 160	24 538	14 848	13 083	3 573	1 833
$250,000 to $499,999 ..... farms..	107	1	30	66	43	33	11	4
$1,000..	37 588	(D)	10 310	22 953	14 798	11 145	3 840	1 341
$500,000 or more ..... farms..	45	–	8	44	39	18	12	3
$1,000..	41 106	–	7 399	42 539	55 958	18 848	15 982	2 820
1992 value of sales:								
Less than $1,000 ..... farms..	95	5	98	89	175	148	57	46
$1,000..	27	2	28	19	58	34	11	10
$1,000 to $2,499 ..... farms..	130	6	99	96	135	136	39	29
$1,000..	212	11	168	163	227	225	65	50
$2,500 to $4,999 ..... farms..	144	3	157	124	132	129	35	28
$1,000..	528	12	570	436	480	472	130	106
$5,000 to $9,999 ..... farms..	130	4	152	131	164	169	58	29
$1,000..	954	27	1 119	882	1 171	1 213	405	204
$10,000 to $19,999 ..... farms..	178	12	193	131	147	132	34	8
$1,000..	2 631	187	2 804	1 950	2 066	1 867	480	118
$20,000 to $24,999 ..... farms..	65	4	35	44	44	28	11	2
$1,000..	1 472	85	781	988	966	637	241	(D)
$25,000 to $39,999 ..... farms..	122	8	122	95	87	54	9	6
$1,000..	3 988	239	3 907	3 031	2 794	1 644	299	190
$40,000 to $49,999 ..... farms..	70	–	27	48	40	38	6	3
$1,000..	3 128	–	1 212	2 115	1 794	1 663	266	125
$50,000 to $99,999 ..... farms..	170	4	79	112	97	80	21	13
$1,000..	12 014	283	5 783	7 882	6 928	5 748	1 379	940
$100,000 to $249,999 ..... farms..	209	1	92	150	86	98	15	12
$1,000..	34 214	(D)	14 083	23 889	13 503	15 275	2 265	1 578
$250,000 to $499,999 ..... farms..	81	2	29	75	25	31	8	2
$1,000..	27 145	(D)	9 555	26 283	9 104	10 150	2 920	(D)
$500,000 or more ..... farms..	39	–	3	33	32	14	10	–
$1,000..	30 663	–	2 175	29 735	45 840	13 656	13 003	–
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997..	998	24	728	817	837	748	191	164
1992..	1 100	25	891	880	942	797	218	91
$1,000, 1997..	75 027	585	32 637	85 343	87 167	34 517	26 133	5 542
1992..	53 356	571	25 440	74 425	67 964	26 762	20 887	1 096
Grains ..... farms, 1997..	843	7	603	673	265	521	77	35
1992..	984	9	790	768	327	567	86	22
$1,000, 1997..	52 191	116	28 495	54 443	10 405	20 010	3 705	438
1992..	37 014	75	22 854	44 537	9 263	14 986	2 186	284
Corn for grain ..... farms, 1997..	509	4	395	539	186	383	44	20
1992..	537	4	402	578	240	396	34	11
$1,000, 1997..	19 397	56	10 041	21 001	5 445	8 670	1 539	416
1992..	14 171	26	7 016	17 198	5 631	8 336	1 238	162
Wheat ..... farms, 1997..	468	2	353	275	48	334	27	5
1992..	760	1	521	449	80	380	25	8
$1,000, 1997..	5 541	(D)	3 568	3 559	423	2 883	226	7
1992..	7 464	(D)	3 577	4 394	358	2 273	181	28
Soybeans ..... farms, 1997..	637	3	534	473	154	352	55	1
1992..	622	–	676	470	167	292	74	1
$1,000, 1997..	21 822	42	14 726	13 682	4 424	8 318	1 922	(D)
1992..	9 534	–	11 854	7 385	3 164	4 083	743	(D)
Sorghum for grain ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Barley ..... farms, 1997..	29	–	5	10	5	3	1	–
1992..	30	5	4	13	3	8	–	1
$1,000, 1997..	123	–	11	78	10	(D)	(D)	–
1992..	110	31	9	69	3	7	–	(D)
Oats ..... farms, 1997..	94	3	36	46	16	48	9	8
1992..	214	4	97	77	13	104	8	5
$1,000, 1997..	318	(D)	89	108	38	77	15	11
1992..	608	9	248	217	12	201	(D)	2
Other grains ..... farms, 1997..	178	2	11	316	10	11	3	8
1992..	285	2	28	395	10	21	4	7
$1,000, 1997..	4 990	(D)	61	16 015	64	(D)	(D)	(D)
1992..	5 126	(D)	150	15 275	96	85	(D)	(D)

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Sales by commodity or commodity group—Con.							
Crops, including nursery and greenhouse crops—Con.							
Cotton and cottonseed ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Tobacco ..... farms, 1997..	3	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	34	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997..	10 938	95	32	280	154	84	60
1992..	10 791	75	24	317	126	72	66
$1,000, 1997..	83 225	877	328	1 960	1 195	656	490
1992..	55 317	401	146	1 261	424	285	301
Vegetables, sweet corn, and melons ..... farms, 1997..	2 494	5	5	86	18	20	27
1992..	3 006	7	4	102	14	14	36
$1,000, 1997..	183 645	13	13	10 665	215	(D)	2 375
1992..	159 144	38	(D)	11 396	221	115	2 074
Fruits, nuts, and berries ..... farms, 1997..	3 027	1	6	145	20	53	3
1992..	3 540	3	5	166	16	66	12
$1,000, 1997..	231 595	(D)	47	8 535	163	5 223	(D)
1992..	205 459	(D)	23	6 163	119	4 262	19
Nursery and greenhouse crops ..... farms, 1997..	3 548	15	6	127	18	36	14
1992..	1 928	5	3	73	6	15	5
$1,000, 1997..	478 448	728	102	27 892	(D)	859	(D)
1992..	309 521	(D)	(D)	25 335	94	483	41
Other crops ..... farms, 1997..	1 725	2	3	10	9	11	46
1992..	1 996	–	–	13	8	7	47
$1,000, 1997..	189 569	(D)	66	1 051	(D)	(D)	4 640
1992..	175 181	–	–	3 375	1 147	3 325	4 552
Livestock, poultry, and their products ..... farms, 1997..	19 541	122	33	657	241	112	94
1992..	22 300	134	31	812	221	112	118
$1,000, 1997..	1 368 104	3 407	1 444	113 032	6 757	4 663	6 677
1992..	1 356 984	3 497	1 266	88 794	6 501	4 356	6 296
Poultry and poultry products ..... farms, 1997..	1 442	4	2	47	21	16	3
1992..	1 582	4	–	48	18	14	8
$1,000, 1997..	169 053	3	(D)	32 253	54	675	(D)
1992..	136 649	2	–	19 426	8	339	5
Dairy products ..... farms, 1997..	3 696	12	9	137	41	12	27
1992..	4 836	8	9	196	43	18	38
$1,000, 1997..	645 713	1 578	1 054	37 091	4 857	1 772	5 356
1992..	616 567	1 230	757	31 488	4 550	1 887	4 720
Cattle and calves ..... farms, 1997..	14 293	101	25	442	201	72	75
1992..	15 780	118	27	523	184	75	85
$1,000, 1997..	276 971	1 511	322	8 166	1 650	1 250	1 129
1992..	345 457	2 042	428	15 036	1 571	1 519	1 035
Hogs and pigs ..... farms, 1997..	2 690	8	2	127	23	8	9
1992..	4 770	5	1	234	23	19	18
$1,000, 1997..	228 488	47	(D)	34 358	84	(D)	156
1992..	213 440	134	(D)	22 102	246	294	500
Sheep, lambs, and wool ..... farms, 1997..	1 543	9	2	43	20	9	2
1992..	1 798	12	6	54	11	12	8
$1,000, 1997..	5 911	18	(D)	135	28	(D)	(D)
1992..	5 400	21	(D)	128	39	30	6
Other livestock and livestock products (see text) ..... farms, 1997..	3 625	14	5	125	32	28	11
1992..	3 661	15	9	112	22	22	11
$1,000, 1997..	41 968	250	13	1 031	84	466	28
1992..	39 471	69	10	614	87	287	29
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	16 307	22	–	295	54	19	182
Vegetable and melon farming (1112)	1 428	3	1	61	9	11	20
Fruit and tree nut farming (1113)	2 668	3	5	142	17	57	2
Greenhouse, nursery, and floriculture production (1114)	3 054	13	6	112	13	33	13
Other crop farming (1119)	6 191	66	22	129	104	55	41
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	6 191	66	22	129	104	55	41
Beef cattle ranching and farming (112111)	4 765	61	10	126	98	29	19
Cattle feedlots (112112)	1 791	5	1	71	16	8	5
Dairy cattle and milk production (11212)	3 177	11	9	127	36	13	24
Hog and pig farming (1122)	1 178	3	1	87	6	5	3
Poultry and egg production (1123)	400	1	1	19	7	8	1
Sheep and goat farming (1124)	681	3	–	23	11	3	1
Animal aquaculture and other animal production (1125, 1129)	4 387	16	4	145	41	20	14

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Sales by commodity or commodity group—Con.							
Crops, including nursery and greenhouse crops—Con.							
Cotton and cottonseed ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Tobacco ..... farms, 1997..	–	–	1	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	(D)	–	–	–	–
1992..	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997..	20	246	79	28	164	152	230
1992..	20	244	68	24	144	169	217
$1,000, 1997..	137	1 966	593	128	1 187	994	1 108
1992..	81	1 306	347	42	580	926	963
Vegetables, sweet corn, and melons ..... farms, 1997..	1	19	67	6	185	30	24
1992..	1	32	89	8	245	27	29
$1,000, 1997..	(D)	150	3 557	73	13 880	1 974	1 011
1992..	(D)	609	3 911	240	8 983	1 257	3 362
Fruits, nuts, and berries ..... farms, 1997..	3	10	15	42	490	13	13
1992..	1	14	24	48	578	17	10
$1,000, 1997..	(D)	(D)	(D)	3 512	27 741	207	108
1992..	(D)	(D)	96	3 099	29 015	295	(D)
Nursery and greenhouse crops ..... farms, 1997..	9	18	42	21	134	25	42
1992..	3	15	30	5	90	18	23
$1,000, 1997..	241	971	2 395	848	7 037	5 909	6 325
1992..	33	449	1 956	197	8 158	6 970	4 393
Other crops ..... farms, 1997..	5	5	228	6	14	4	7
1992..	–	3	313	1	20	–	7
$1,000, 1997..	13	(D)	17 671	18	23	9	71
1992..	–	(D)	25 113	(D)	42	–	(D)
Livestock, poultry, and their products ..... farms, 1997..	27	423	114	57	242	408	483
1992..	39	479	146	39	282	523	577
$1,000, 1997..	718	33 355	4 211	1 908	9 350	32 641	26 061
1992..	893	25 957	5 149	928	7 675	31 426	23 936
Poultry and poultry products ..... farms, 1997..	2	26	11	8	23	21	34
1992..	2	34	9	6	21	22	28
$1,000, 1997..	(D)	3 229	(D)	17	13	(D)	34
1992..	(D)	2 910	6	2	7	76	146
Dairy products ..... farms, 1997..	9	53	16	2	13	64	74
1992..	10	86	29	1	29	78	93
$1,000, 1997..	548	21 052	2 603	(D)	2 781	8 477	10 781
1992..	636	14 292	3 303	(D)	2 789	7 559	9 507
Cattle and calves ..... farms, 1997..	23	298	79	39	128	298	345
1992..	33	348	101	28	154	345	387
$1,000, 1997..	162	4 395	1 117	701	761	10 388	5 888
1992..	246	5 497	1 310	810	1 596	11 746	7 259
Hogs and pigs ..... farms, 1997..	1	46	11	7	60	115	90
1992..	3	97	25	6	83	238	163
$1,000, 1997..	(D)	3 731	190	161	5 251	12 535	8 999
1992..	(D)	2 698	275	90	2 820	11 725	6 750
Sheep, lambs, and wool ..... farms, 1997..	–	32	4	6	23	36	51
1992..	–	39	5	2	20	42	65
$1,000, 1997..	–	92	(D)	1	20	(D)	62
1992..	–	180	8	(D)	14	68	84
Other livestock and livestock products (see text) ..... farms, 1997..	5	87	24	12	76	43	79
1992..	5	87	29	6	80	54	84
$1,000, 1997..	7	856	290	(D)	524	782	297
1992..	8	381	247	12	449	252	190
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	–	298	442	11	321	582	561
Vegetable and melon farming (1112)	–	9	53	4	89	12	12
Fruit and tree nut farming (1113)	2	14	10	43	404	8	8
Greenhouse, nursery, and floriculture production (1114)	7	17	34	16	102	22	39
Other crop farming (1119)	20	165	91	11	103	58	108
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	20	165	91	11	103	58	108
Beef cattle ranching and farming (112111)	14	138	28	16	34	80	105
Cattle feedlots (112112)	1	34	10	13	20	37	31
Dairy cattle and milk production (11212)	7	45	11	1	8	52	56
Hog and pig farming (1122)	–	25	3	4	23	67	43
Poultry and egg production (1123)	–	11	4	3	3	5	12
Sheep and goat farming (1124)	–	20	2	–	9	11	13
Animal aquaculture and other animal production (1125, 1129)	3	105	42	18	66	46	97

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Sales by commodity or commodity group—Con.							
Crops, including nursery and greenhouse crops—Con.							
Cotton and cottonseed ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Tobacco ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997..	197	61	84	171	133	211	5
1992..	210	68	57	172	100	255	4
$1,000, 1997..	1 205	523	411	1 668	756	3 455	6
1992..	1 021	283	196	1 045	330	1 496	7
Vegetables, sweet corn, and melons ..... farms, 1997..	38	7	9	2	3	32	3
1992..	62	10	10	1	2	24	3
$1,000, 1997..	(D)	197	36	(D)	29	927	17
1992..	2 465	297	98	(D)	(D)	798	12
Fruits, nuts, and berries ..... farms, 1997..	35	8	3	5	2	23	1
1992..	49	11	5	3	1	24	–
$1,000, 1997..	3 533	396	(D)	(D)	(D)	824	(D)
1992..	2 886	693	41	(D)	(D)	244	–
Nursery and greenhouse crops ..... farms, 1997..	41	19	35	12	16	47	5
1992..	20	8	10	3	4	31	2
$1,000, 1997..	2 520	275	650	955	242	2 141	15
1992..	(D)	(D)	126	12	(D)	2 103	(D)
Other crops ..... farms, 1997..	6	6	6	5	2	17	–
1992..	5	2	–	1	2	17	–
$1,000, 1997..	(D)	42	(D)	52	(D)	803	–
1992..	(D)	(D)	–	(D)	(D)	1 253	–
Livestock, poultry, and their products ..... farms, 1997..	318	102	107	175	223	457	13
1992..	413	131	100	189	203	532	16
$1,000, 1997..	35 796	2 520	4 637	4 463	11 213	50 522	77
1992..	50 122	3 423	4 055	4 893	9 816	43 265	(D)
Poultry and poultry products ..... farms, 1997..	19	10	9	7	14	18	2
1992..	18	11	9	11	15	20	2
$1,000, 1997..	(D)	11	2	1	8	16	(D)
1992..	47	(D)	3	4	6	12	(D)
Dairy products ..... farms, 1997..	23	12	14	28	55	111	–
1992..	31	18	14	34	57	131	–
$1,000, 1997..	2 116	1 764	3 162	2 096	6 577	37 817	–
1992..	2 778	1 893	2 662	2 535	5 279	29 369	–
Cattle and calves ..... farms, 1997..	178	78	88	156	180	352	4
1992..	196	96	83	164	169	392	5
$1,000, 1997..	1 818	579	856	2 024	3 551	8 062	44
1992..	2 254	933	1 152	2 030	3 394	8 999	(D)
Hogs and pigs ..... farms, 1997..	115	4	7	12	26	60	1
1992..	223	10	12	23	30	119	2
$1,000, 1997..	31 451	2	17	120	832	4 121	(D)
1992..	44 538	66	23	98	874	4 490	(D)
Sheep, lambs, and wool ..... farms, 1997..	41	10	7	18	9	35	2
1992..	39	8	9	24	16	51	2
$1,000, 1997..	(D)	8	11	124	44	197	(D)
1992..	62	(D)	11	66	65	112	(D)
Other livestock and livestock products (see text) ..... farms, 1997..	48	17	22	23	46	44	9
1992..	53	33	21	28	35	60	9
$1,000, 1997..	235	155	588	98	200	309	31
1992..	443	482	205	160	198	284	31
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	319	15	8	4	42	613	–
Vegetable and melon farming (1112)	21	3	6	–	1	17	1
Fruit and tree nut farming (1113)	28	11	4	6	–	19	–
Greenhouse, nursery, and floriculture production (1114)	33	16	31	12	13	42	5
Other crop farming (1119)	74	41	64	131	80	100	4
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	74	41	64	131	80	100	4
Beef cattle ranching and farming (112111)	41	39	45	93	87	73	5
Cattle feedlots (112112)	29	16	6	9	19	44	1
Dairy cattle and milk production (11212)	17	11	12	24	51	98	–
Hog and pig farming (1122)	78	–	2	4	12	25	1
Poultry and egg production (1123)	2	3	1	–	5	2	–
Sheep and goat farming (1124)	9	4	2	6	5	18	2
Animal aquaculture and other animal production (1125, 1129)	49	29	29	30	35	72	8

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Sales by commodity or commodity group—Con.							
Crops, including nursery and greenhouse crops—Con.							
Cotton and cottonseed ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Tobacco ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997..	92	42	231	68	205	143	22
1992..	56	30	222	65	195	114	20
$1,000, 1997..	808	313	1 298	517	1 076	697	58
1992..	214	103	939	310	625	363	45
Vegetables, sweet corn, and melons ..... farms, 1997..	13	4	30	17	53	14	2
1992..	15	6	32	15	50	13	1
$1,000, 1997..	109	(D)	1 235	276	884	69	(D)
1992..	117	(D)	1 431	275	601	(D)	(D)
Fruits, nuts, and berries ..... farms, 1997..	14	5	22	12	26	5	–
1992..	15	1	31	7	40	5	–
$1,000, 1997..	130	(D)	(D)	38	558	(D)	–
1992..	119	(D)	206	36	822	(D)	–
Nursery and greenhouse crops ..... farms, 1997..	20	20	49	26	80	13	6
1992..	6	8	25	8	56	5	2
$1,000, 1997..	296	441	2 409	783	3 591	(D)	(D)
1992..	343	695	1 883	447	2 931	33	(D)
Other crops ..... farms, 1997..	19	12	13	14	7	21	–
1992..	20	17	5	8	7	14	–
$1,000, 1997..	1 522	843	(D)	258	1 193	918	–
1992..	1 239	1 518	1 484	314	819	316	–
Livestock, poultry, and their products ..... farms, 1997..	152	57	432	128	310	256	21
1992..	150	58	501	122	356	258	31
$1,000, 1997..	4 450	2 108	15 474	3 491	7 499	5 548	52
1992..	5 705	1 604	16 590	3 363	14 055	4 848	314
Poultry and poultry products ..... farms, 1997..	11	5	31	15	30	33	2
1992..	10	4	29	8	30	34	1
$1,000, 1997..	4	3	92	4	137	120	(D)
1992..	7	(D)	496	3	79	23	(D)
Dairy products ..... farms, 1997..	33	10	54	13	20	67	–
1992..	46	14	86	17	29	69	1
$1,000, 1997..	3 159	1 292	5 567	2 312	3 760	3 018	–
1992..	3 771	983	7 041	1 954	4 546	2 444	(D)
Cattle and calves ..... farms, 1997..	128	46	316	101	165	219	14
1992..	129	54	350	103	205	217	18
$1,000, 1997..	1 068	294	5 826	964	2 136	1 446	37
1992..	1 322	295	4 208	1 226	7 477	1 406	53
Hogs and pigs ..... farms, 1997..	10	5	54	7	41	60	2
1992..	15	4	105	13	59	70	6
$1,000, 1997..	50	(D)	3 294	101	475	616	(D)
1992..	206	(D)	4 170	135	1 421	713	11
Sheep, lambs, and wool ..... farms, 1997..	5	3	33	7	39	18	–
1992..	3	–	52	13	38	24	4
$1,000, 1997..	5	(D)	158	7	58	110	–
1992..	1	–	172	7	62	52	(D)
Other livestock and livestock products (see text) ..... farms, 1997..	17	16	85	21	106	51	5
1992..	22	11	95	20	106	40	10
$1,000, 1997..	164	495	537	104	933	238	13
1992..	399	307	503	37	469	209	213
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	14	8	531	9	250	72	–
Vegetable and melon farming (1112)	19	8	19	14	24	5	–
Fruit and tree nut farming (1113)	8	5	23	10	32	4	–
Greenhouse, nursery, and floriculture production (1114)	16	15	44	19	65	11	6
Other crop farming (1119)	66	28	109	40	115	96	17
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	66	28	109	40	115	96	17
Beef cattle ranching and farming (112111)	61	21	116	58	50	105	13
Cattle feedlots (112112)	8	1	34	17	32	24	–
Dairy cattle and milk production (11212)	29	10	45	13	18	44	–
Hog and pig farming (1122)	6	1	21	4	13	15	–
Poultry and egg production (1123)	4	2	9	2	6	5	–
Sheep and goat farming (1124)	2	–	13	–	20	4	–
Animal aquaculture and other animal production (1125, 1129)	20	17	98	21	171	39	12

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997..	109	121	220	45	189	190	225	82
1992..	89	131	204	36	235	217	250	75
$1,000, 1997..	667	932	1 898	218	2 058	1 257	1 271	588
1992..	409	844	1 430	144	2 369	992	1 244	288
Vegetables, sweet corn, and melons ..... farms, 1997..	40	37	15	14	10	24	18	4
1992..	37	63	16	8	12	29	37	13
$1,000, 1997..	813	5 365	128	80	43	1 178	709	(D)
1992..	839	4 261	(D)	27	51	1 692	651	75
Fruits, nuts, and berries ..... farms, 1997..	143	18	8	16	8	15	36	9
1992..	169	19	16	21	13	17	47	8
$1,000, 1997..	9 630	(D)	521	116	64	488	2 297	76
1992..	8 867	397	397	124	83	(D)	2 589	(D)
Nursery and greenhouse crops ..... farms, 1997..	50	18	23	11	10	67	32	16
1992..	20	14	14	6	6	36	14	7
$1,000, 1997..	1 268	(D)	(D)	209	150	4 969	1 637	137
1992..	570	439	(D)	347	107	2 888	624	88
Other crops ..... farms, 1997..	5	74	3	7	318	16	8	3
1992..	–	113	–	3	357	6	–	2
$1,000, 1997..	49	10 485	(D)	46	32 056	178	36	(D)
1992..	–	10 677	–	(D)	22 858	(D)	–	(D)
Livestock, poultry, and their products ..... farms, 1997..	134	318	469	64	527	384	492	134
1992..	140	356	541	75	703	444	570	127
$1,000, 1997..	3 453	36 940	29 936	1 531	111 022	20 933	52 117	5 155
1992..	3 459	27 949	29 662	1 814	103 423	23 081	50 221	8 667
Poultry and poultry products ..... farms, 1997..	11	21	35	13	12	25	16	10
1992..	16	19	39	15	28	16	11	5
$1,000, 1997..	13	3 023	389	(D)	(D)	72	(D)	3
1992..	5	1 619	(D)	(D)	8 755	23	(D)	1
Dairy products ..... farms, 1997..	11	62	99	12	187	75	96	21
1992..	11	84	129	17	278	92	138	21
$1,000, 1997..	1 426	19 410	14 480	1 131	28 847	13 634	24 752	3 674
1992..	1 364	15 828	15 203	1 262	31 069	13 783	23 864	2 805
Cattle and calves ..... farms, 1997..	96	248	337	48	454	251	377	114
1992..	89	273	353	58	602	299	448	108
$1,000, 1997..	1 123	10 584	5 232	280	45 521	4 182	6 667	1 368
1992..	1 117	6 810	6 961	414	54 524	4 900	8 439	5 471
Hogs and pigs ..... farms, 1997..	13	42	84	1	69	37	78	11
1992..	32	95	186	6	99	75	124	16
$1,000, 1997..	(D)	3 594	9 156	(D)	21 818	1 749	4 923	33
1992..	755	3 505	6 821	(D)	8 823	3 646	4 739	333
Sheep, lambs, and wool ..... farms, 1997..	5	20	40	4	9	53	34	15
1992..	7	17	49	9	16	60	35	8
$1,000, 1997..	(D)	38	81	9	(D)	144	(D)	25
1992..	1	24	(D)	13	13	108	(D)	18
Other livestock and livestock products (see text) ..... farms, 1997..	35	32	76	10	22	99	70	20
1992..	42	28	68	9	25	98	69	15
$1,000, 1997..	382	290	598	54	137	1 152	318	52
1992..	216	163	224	25	239	621	256	38
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	39	541	720	2	666	299	479	40
Vegetable and melon farming (1112)	16	12	7	5	4	14	7	4
Fruit and tree nut farming (1113)	143	10	7	10	6	16	27	8
Greenhouse, nursery, and floriculture production (1114)	44	14	21	6	8	55	29	13
Other crop farming (1119)	56	70	99	44	153	104	100	53
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	56	70	99	44	153	104	100	53
Beef cattle ranching and farming (112111)	30	71	104	25	72	78	87	60
Cattle feedlots (112112)	19	27	51	2	77	26	56	10
Dairy cattle and milk production (11212)	10	57	76	11	133	64	86	21
Hog and pig farming (1122)	4	22	43	–	32	18	29	1
Poultry and egg production (1123)	1	10	15	4	9	7	7	–
Sheep and goat farming (1124)	1	8	21	4	4	27	17	6
Animal aquaculture and other animal production (1125, 1129)	50	31	72	15	20	119	80	22

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997..	30	262	258	163	35	307	–	43
1992..	20	262	314	150	35	346	–	36
$1,000, 1997..	145	2 831	1 651	1 177	195	3 242	–	517
1992..	52	1 787	1 562	777	108	1 743	–	99
Vegetables, sweet corn, and melons ..... farms, 1997..	3	14	39	49	9	80	–	2
1992..	–	14	35	65	6	113	–	1
$1,000, 1997..	(D)	2 197	1 768	1 863	449	7 037	–	(D)
1992..	–	1 038	1 288	3 175	375	8 233	–	(D)
Fruits, nuts, and berries ..... farms, 1997..	4	12	16	34	1	175	–	2
1992..	–	12	19	49	–	224	–	1
$1,000, 1997..	(D)	103	201	(D)	(D)	24 311	–	(D)
1992..	–	(D)	183	1 651	–	26 722	–	(D)
Nursery and greenhouse crops ..... farms, 1997..	4	23	62	105	48	121	–	14
1992..	2	2	33	99	2	90	–	–
$1,000, 1997..	13	643	3 641	42 777	778	42 908	–	420
1992..	(D)	(D)	1 273	31 297	(D)	28 101	–	–
Other crops ..... farms, 1997..	7	19	4	6	8	13	–	–
1992..	6	13	8	5	4	9	–	–
$1,000, 1997..	719	1 949	13	(D)	2 199	950	–	–
1992..	826	693	132	23	1 546	1 463	–	–
Livestock, poultry, and their products ..... farms, 1997..	53	443	453	257	52	483	3	74
1992..	51	507	565	301	47	552	1	64
$1,000, 1997..	556	29 926	20 495	37 789	1 115	29 054	5	1 072
1992..	901	34 501	26 868	35 419	979	32 302	(D)	1 017
Poultry and poultry products ..... farms, 1997..	2	15	40	21	8	15	–	5
1992..	6	17	45	31	10	27	–	1
$1,000, 1997..	(D)	32	41	(D)	6	(D)	–	3
1992..	(D)	(D)	118	2 983	3	(D)	–	(D)
Dairy products ..... farms, 1997..	3	123	46	15	5	87	–	5
1992..	7	167	69	20	4	141	–	12
$1,000, 1997..	(D)	22 162	8 098	8 260	465	20 316	–	493
1992..	360	20 733	10 012	4 692	463	21 216	–	509
Cattle and calves ..... farms, 1997..	47	372	308	140	34	336	3	58
1992..	47	416	369	160	35	391	1	49
$1,000, 1997..	356	6 048	10 205	3 484	197	5 101	5	435
1992..	371	9 962	11 221	5 363	207	7 219	(D)	295
Hogs and pigs ..... farms, 1997..	4	48	69	59	9	49	–	11
1992..	–	88	129	70	14	89	–	19
$1,000, 1997..	6	1 340	1 541	9 447	289	1 497	–	50
1992..	–	2 139	4 726	4 738	201	2 313	–	67
Sheep, lambs, and wool ..... farms, 1997..	2	9	47	43	3	29	–	6
1992..	5	23	61	43	5	26	–	3
$1,000, 1997..	(D)	19	103	(D)	6	(D)	–	50
1992..	(D)	(D)	345	(D)	7	(D)	–	(D)
Other livestock and livestock products (see text) ..... farms, 1997..	8	48	107	71	16	128	–	16
1992..	6	47	122	94	11	115	–	8
$1,000, 1997..	12	326	508	8 992	154	1 129	–	41
1992..	111	171	447	(D)	98	692	–	119
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	5	379	389	244	9	239	–	9
Vegetable and melon farming (1112)	5	8	19	21	5	33	–	1
Fruit and tree nut farming (1113)	5	7	15	30	1	144	–	2
Greenhouse, nursery, and floriculture production (1114)	3	20	54	103	46	107	–	12
Other crop farming (1119)	19	136	133	82	30	174	–	36
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	19	136	133	82	30	174	–	36
Beef cattle ranching and farming (112111)	35	117	103	32	11	103	3	36
Cattle feedlots (112112)	2	48	47	25	8	59	–	3
Dairy cattle and milk production (11212)	3	115	37	11	5	77	–	4
Hog and pig farming (1122)	–	21	26	22	5	21	–	5
Poultry and egg production (1123)	–	6	8	8	–	2	–	1
Sheep and goat farming (1124)	–	9	23	18	2	11	–	2
Animal aquaculture and other animal production (1125, 1129)	9	45	133	100	17	166	2	15

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997..	–	–	–	–	–	–	2	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	(D)	–
1992..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997..	301	60	188	175	9	27	73	74
1992..	331	62	182	237	10	27	86	71
$1,000, 1997..	1 848	337	842	1 348	82	111	368	250
1992..	1 641	213	777	1 246	55	194	264	294
Vegetables, sweet corn, and melons ..... farms, 1997..	53	18	42	37	1	4	83	25
1992..	56	18	74	41	2	5	108	37
$1,000, 1997..	6 228	535	9 456	(D)	(D)	(D)	5 368	1 204
1992..	6 883	(D)	6 754	(D)	(D)	(D)	3 683	(D)
Fruits, nuts, and berries ..... farms, 1997..	28	214	42	19	2	1	28	58
1992..	36	222	44	22	2	2	32	61
$1,000, 1997..	995	21 495	1 599	530	(D)	(D)	1 377	3 989
1992..	819	20 041	546	415	(D)	(D)	1 377	3 390
Nursery and greenhouse crops ..... farms, 1997..	78	46	30	82	10	8	121	65
1992..	46	16	26	43	9	2	109	16
$1,000, 1997..	5 646	948	839	4 195	1 096	144	25 761	1 980
1992..	2 435	274	693	2 490	209	(D)	15 866	1 176
Other crops ..... farms, 1997..	15	8	23	3	1	4	12	3
1992..	13	3	47	5	–	2	9	4
$1,000, 1997..	462	23	1 321	(D)	(D)	20	(D)	31
1992..	947	(D)	2 392	(D)	–	(D)	24	(D)
Livestock, poultry, and their products ..... farms, 1997..	520	92	426	304	13	41	146	111
1992..	628	111	476	355	18	54	152	107
$1,000, 1997..	21 989	4 919	24 513	9 936	430	2 202	3 424	979
1992..	23 885	4 057	27 507	13 347	672	2 797	6 603	1 050
Poultry and poultry products ..... farms, 1997..	52	7	37	30	–	4	20	12
1992..	46	13	40	42	1	5	22	13
$1,000, 1997..	116	(D)	(D)	20	–	6	(D)	4
1992..	202	(D)	524	37	(D)	5	38	3
Dairy products ..... farms, 1997..	97	10	58	42	–	9	15	5
1992..	122	16	87	66	–	16	23	11
$1,000, 1997..	11 533	997	10 828	5 953	–	1 645	1 594	172
1992..	13 982	1 293	11 540	8 499	–	2 166	2 364	300
Cattle and calves ..... farms, 1997..	363	62	256	178	13	37	82	81
1992..	431	76	288	232	15	45	77	83
$1,000, 1997..	8 484	3 211	8 592	2 342	(D)	509	550	529
1992..	7 728	2 393	9 481	3 732	611	600	3 406	512
Hogs and pigs ..... farms, 1997..	48	6	73	28	1	2	18	12
1992..	99	17	134	49	4	8	23	16
$1,000, 1997..	674	11	3 314	354	(D)	(D)	(D)	107
1992..	1 288	41	4 568	436	(D)	9	553	67
Sheep, lambs, and wool ..... farms, 1997..	48	2	48	39	–	1	14	9
1992..	53	2	47	40	–	4	17	5
$1,000, 1997..	87	(D)	(D)	68	–	(D)	30	19
1992..	84	(D)	335	88	–	(D)	11	7
Other livestock and livestock products (see text) ..... farms, 1997..	130	27	89	98	1	4	42	26
1992..	135	28	77	89	2	3	43	22
$1,000, 1997..	1 096	688	1 294	1 200	(D)	(D)	332	146
1992..	601	324	1 059	555	(D)	(D)	231	163
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	241	14	863	128	1	1	180	18
Vegetable and melon farming (1112)	38	7	12	18	1	2	55	15
Fruit and tree nut farming (1113)	26	213	31	15	3	–	25	49
Greenhouse, nursery, and floriculture production (1114)	70	37	25	78	9	8	100	56
Other crop farming (1119)	177	27	68	97	6	25	39	45
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	177	27	68	97	6	25	39	45
Beef cattle ranching and farming (112111)	107	19	54	52	9	22	14	45
Cattle feedlots (112112)	50	13	35	29	1	1	16	10
Dairy cattle and milk production (11212)	87	8	46	31	–	9	14	5
Hog and pig farming (1122)	21	–	34	12	–	–	11	6
Poultry and egg production (1123)	13	3	7	8	–	–	4	1
Sheep and goat farming (1124)	30	1	25	19	–	–	3	7
Animal aquaculture and other animal production (1125, 1129)	160	27	117	150	1	4	62	27

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997..	28	112	199	103	80	124	132	275
1992..	30	86	213	88	58	89	140	252
$1,000, 1997..	129	729	1 717	749	266	1 584	685	1 594
1992..	228	454	1 239	505	150	919	491	1 312
Vegetables, sweet corn, and melons ..... farms, 1997..	4	81	33	10	17	5	72	48
1992..	6	85	26	9	15	2	101	44
$1,000, 1997..	33	3 548	1 975	29	(D)	23	6 974	3 253
1992..	(D)	2 562	813	38	649	(D)	5 643	2 857
Fruits, nuts, and berries ..... farms, 1997..	6	56	11	5	4	4	28	23
1992..	5	58	10	5	9	4	35	19
$1,000, 1997..	(D)	4 547	(D)	24	(D)	6	1 458	1 336
1992..	14	4 735	206	(D)	16	15	588	649
Nursery and greenhouse crops ..... farms, 1997..	16	46	22	52	21	65	108	60
1992..	5	23	7	6	12	7	84	14
$1,000, 1997..	245	4 473	263	699	335	2 380	28 126	9 408
1992..	(D)	1 985	246	29	215	206	13 618	426
Other crops ..... farms, 1997..	5	5	12	8	26	4	15	33
1992..	6	1	10	3	36	1	50	49
$1,000, 1997..	(D)	77	(D)	62	2 066	13	3 027	24 617
1992..	45	(D)	2 164	(D)	3 428	(D)	4 146	22 542
Livestock, poultry, and their products ..... farms, 1997..	53	168	337	210	176	196	254	442
1992..	45	179	403	225	189	212	320	493
$1,000, 1997..	1 821	7 602	14 817	15 876	4 129	29 999	9 560	24 666
1992..	1 141	9 372	15 541	15 926	6 633	27 644	9 323	22 035
Poultry and poultry products ..... farms, 1997..	5	10	27	5	19	7	35	29
1992..	6	14	33	8	17	9	36	26
$1,000, 1997..	(D)	(D)	44	2	18	(D)	116	158
1992..	4	21	51	5	11	4	398	21
Dairy products ..... farms, 1997..	6	41	109	86	10	89	14	114
1992..	9	48	126	111	12	109	18	135
$1,000, 1997..	1 423	5 833	9 787	12 974	1 714	24 685	1 482	15 722
1992..	862	5 199	10 246	12 940	1 037	21 575	1 789	15 529
Cattle and calves ..... farms, 1997..	36	128	285	190	117	170	129	368
1992..	30	119	337	200	116	189	153	361
$1,000, 1997..	256	1 330	2 372	2 221	1 007	3 395	3 589	3 559
1992..	231	2 976	3 804	2 356	4 303	5 314	4 017	4 390
Hogs and pigs ..... farms, 1997..	6	19	56	13	31	15	63	57
1992..	6	30	80	10	52	19	103	98
$1,000, 1997..	21	110	2 231	22	1 004	(D)	3 233	4 337
1992..	5	801	928	17	1 038	629	2 523	1 569
Sheep, lambs, and wool ..... farms, 1997..	2	10	14	5	14	12	40	17
1992..	4	17	21	13	13	15	43	25
$1,000, 1997..	(D)	(D)	70	1	15	28	67	42
1992..	3	219	93	28	10	20	74	42
Other livestock and livestock products (see text) ..... farms, 1997..	15	35	46	20	42	15	65	71
1992..	11	44	54	13	35	18	81	76
$1,000, 1997..	116	171	313	657	372	109	1 073	847
1992..	34	156	419	579	235	101	521	484
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	2	72	103	24	176	22	649	354
Vegetable and melon farming (1112)	3	51	18	9	7	4	40	33
Fruit and tree nut farming (1113)	8	45	11	8	8	2	19	19
Greenhouse, nursery, and floriculture production (1114)	14	44	14	50	18	57	87	50
Other crop farming (1119)	26	72	147	62	59	71	63	153
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	26	72	147	62	59	71	63	153
Beef cattle ranching and farming (112111)	21	37	107	67	55	55	31	129
Cattle feedlots (112112)	2	12	27	14	8	9	22	30
Dairy cattle and milk production (11212)	5	38	84	83	9	87	8	98
Hog and pig farming (1122)	2	3	21	4	17	6	25	16
Poultry and egg production (1123)	–	–	10	–	–	–	7	6
Sheep and goat farming (1124)	–	4	3	1	5	9	13	7
Animal aquaculture and other animal production (1125, 1129)	25	35	52	26	56	13	94	59

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997..	37	124	223	107	159	94	43	193
1992..	33	122	246	132	139	81	42	171
$1,000, 1997..	414	1 609	1 624	917	1 179	1 194	533	1 613
1992..	137	414	1 411	915	776	508	189	795
Vegetables, sweet corn, and melons ..... farms, 1997..	5	44	46	21	191	1	–	2
1992..	3	41	48	31	252	8	2	7
$1,000, 1997..	13	5 798	9 443	(D)	16 507	(D)	–	(D)
1992..	16	3 611	6 514	(D)	13 368	33	(D)	17
Fruits, nuts, and berries ..... farms, 1997..	2	48	37	23	135	2	–	4
1992..	2	45	35	36	168	8	1	1
$1,000, 1997..	(D)	6 536	2 958	1 171	14 731	(D)	–	7
1992..	(D)	7 371	2 815	922	17 542	82	(D)	(D)
Nursery and greenhouse crops ..... farms, 1997..	3	53	36	128	87	13	4	38
1992..	–	34	18	91	8	5	–	4
$1,000, 1997..	(D)	6 240	1 355	24 270	2 558	396	4	1 216
1992..	–	4 335	461	17 095	(D)	(D)	–	55
Other crops ..... farms, 1997..	2	5	6	2	7	3	1	7
1992..	2	3	7	2	3	5	–	5
$1,000, 1997..	(D)	(D)	300	(D)	29	(D)	(D)	(D)
1992..	(D)	(D)	309	(D)	(D)	(D)	–	(D)
Livestock, poultry, and their products ..... farms, 1997..	67	181	393	192	209	177	53	334
1992..	82	207	391	206	234	178	66	320
$1,000, 1997..	2 070	20 440	28 386	2 733	12 612	19 133	1 655	15 878
1992..	2 096	12 077	26 415	2 853	10 711	14 043	1 761	15 832
Poultry and poultry products ..... farms, 1997..	4	18	19	21	16	8	–	20
1992..	8	20	22	25	17	6	3	14
$1,000, 1997..	(D)	(D)	2 001	(D)	(D)	2	–	11
1992..	(D)	12	5 558	9	(D)	1	(D)	3
Dairy products ..... farms, 1997..	11	37	123	6	42	54	13	79
1992..	19	42	127	8	39	66	14	84
$1,000, 1997..	1 443	14 462	19 487	746	8 442	12 205	1 025	12 194
1992..	1 576	6 211	15 155	791	5 967	10 610	950	12 060
Cattle and calves ..... farms, 1997..	62	126	316	69	162	151	45	290
1992..	68	137	309	76	172	147	53	264
$1,000, 1997..	587	3 013	4 113	448	2 220	6 663	538	3 000
1992..	421	4 613	4 302	664	3 262	3 029	761	3 184
Hogs and pigs ..... farms, 1997..	6	18	34	12	29	10	–	33
1992..	12	54	48	20	54	11	–	37
$1,000, 1997..	22	1 193	1 371	99	538	24	–	147
1992..	74	1 132	795	272	867	286	–	412
Sheep, lambs, and wool ..... farms, 1997..	3	5	11	34	10	9	2	32
1992..	1	10	19	45	16	10	6	17
$1,000, 1997..	(D)	(D)	146	(D)	(D)	33	(D)	66
1992..	(D)	5	22	50	(D)	18	(D)	45
Other livestock and livestock products (see text) ..... farms, 1997..	6	43	68	94	37	22	9	38
1992..	4	45	66	105	38	22	10	39
$1,000, 1997..	17	155	1 268	1 277	303	207	(D)	460
1992..	17	104	583	1 068	192	99	27	127
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	13	62	113	41	52	29	1	37
Vegetable and melon farming (1112)	2	26	31	11	125	1	–	1
Fruit and tree nut farming (1113)	2	43	33	23	100	3	1	5
Greenhouse, nursery, and floriculture production (1114)	2	43	29	122	53	9	4	26
Other crop farming (1119)	25	66	124	80	72	56	33	139
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	25	66	124	80	72	56	33	139
Beef cattle ranching and farming (112111)	36	46	81	35	45	60	29	140
Cattle feedlots (112112)	5	7	45	10	22	20	1	22
Dairy cattle and milk production (11212)	10	33	116	6	38	52	13	70
Hog and pig farming (1122)	1	12	13	5	12	2	–	13
Poultry and egg production (1123)	–	12	6	1	6	1	–	7
Sheep and goat farming (1124)	–	1	12	20	3	5	1	8
Animal aquaculture and other animal production (1125, 1129)	7	59	67	190	45	23	9	28

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997..	21	58	285	107	14	153	255	181
1992..	19	57	290	79	14	117	237	184
$1,000, 1997..	212	729	2 242	980	108	809	1 577	1 147
1992..	48	380	1 394	534	42	368	1 042	715
Vegetables, sweet corn, and melons ..... farms, 1997..	6	4	103	10	1	44	43	68
1992..	1	3	126	11	–	50	58	65
$1,000, 1997..	(D)	(D)	8 162	50	(D)	2 447	1 664	9 510
1992..	(D)	22	7 470	33	–	1 676	818	5 256
Fruits, nuts, and berries ..... farms, 1997..	2	2	192	4	3	37	12	14
1992..	–	1	235	10	2	36	31	11
$1,000, 1997..	(D)	(D)	33 380	9	(D)	402	178	257
1992..	–	(D)	21 288	(D)	(D)	582	331	(D)
Nursery and greenhouse crops ..... farms, 1997..	4	17	213	13	5	66	69	30
1992..	1	–	171	2	2	31	37	21
$1,000, 1997..	15	282	105 721	241	148	4 976	5 314	1 547
1992..	(D)	–	72 229	(D)	(D)	3 708	3 483	1 217
Other crops ..... farms, 1997..	9	3	8	22	–	164	12	14
1992..	–	5	18	33	–	205	16	6
$1,000, 1997..	66	1 271	9	4 481	–	12 783	1 053	6 783
1992..	–	527	82	3 100	–	12 038	847	(D)
Livestock, poultry, and their products ..... farms, 1997..	62	59	595	172	17	286	375	329
1992..	66	74	703	183	16	334	434	446
$1,000, 1997..	1 520	1 307	139 919	5 269	138	9 281	8 412	18 590
1992..	1 803	1 837	124 838	6 059	115	13 166	15 603	20 583
Poultry and poultry products ..... farms, 1997..	10	5	69	17	1	17	39	17
1992..	20	3	70	13	1	25	54	49
$1,000, 1997..	(D)	(D)	80 480	7	(D)	10	(D)	(D)
1992..	13	(D)	68 922	7	(D)	19	(D)	838
Dairy products ..... farms, 1997..	17	6	133	35	–	40	34	59
1992..	25	10	176	34	–	65	76	70
$1,000, 1997..	978	539	28 999	3 680	–	5 468	3 371	6 701
1992..	1 249	732	28 229	3 820	–	7 414	5 708	5 604
Cattle and calves ..... farms, 1997..	52	43	429	161	12	203	273	243
1992..	49	56	517	172	11	234	303	258
$1,000, 1997..	379	679	11 176	1 491	(D)	2 364	2 591	2 491
1992..	449	928	12 051	1 952	89	4 156	6 821	3 923
Hogs and pigs ..... farms, 1997..	4	3	97	8	2	29	39	96
1992..	10	5	181	10	4	56	70	211
$1,000, 1997..	(D)	6	18 467	14	(D)	765	682	8 444
1992..	35	(D)	15 247	(D)	15	924	434	9 691
Sheep, lambs, and wool ..... farms, 1997..	13	5	32	5	2	24	23	51
1992..	11	2	32	2	3	30	32	62
$1,000, 1997..	40	(D)	35	9	(D)	33	(D)	(D)
1992..	33	(D)	31	(D)	(D)	18	(D)	142
Other livestock and livestock products (see text) ..... farms, 1997..	12	12	91	17	5	60	73	59
1992..	11	15	79	14	7	57	88	62
$1,000, 1997..	45	58	762	69	20	641	628	284
1992..	25	58	358	33	6	636	455	385
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	1	15	199	51	1	786	411	408
Vegetable and melon farming (1112)	4	4	73	19	1	25	30	22
Fruit and tree nut farming (1113)	–	2	172	2	3	25	12	7
Greenhouse, nursery, and floriculture production (1114)	2	15	198	9	4	60	60	22
Other crop farming (1119)	15	46	119	69	12	79	132	74
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	15	46	119	69	12	79	132	74
Beef cattle ranching and farming (112111)	17	25	138	81	9	39	89	55
Cattle feedlots (112112)	5	4	68	10	1	30	48	40
Dairy cattle and milk production (11212)	17	6	118	34	–	32	30	40
Hog and pig farming (1122)	1	–	57	2	1	5	7	47
Poultry and egg production (1123)	3	1	41	–	–	4	9	4
Sheep and goat farming (1124)	6	3	17	2	1	7	14	20
Animal aquaculture and other animal production (1125, 1129)	9	18	92	17	3	71	98	52

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997..	316	13	216	211	172	307	33	88
1992..	306	17	224	203	166	314	35	67
$1,000, 1997..	3 726	96	1 409	1 647	893	2 160	239	470
1992..	2 670	170	1 404	1 016	681	1 501	136	202
Vegetables, sweet corn, and melons ..... farms, 1997..	28	4	22	36	104	56	38	6
1992..	17	3	19	41	158	61	64	7
$1,000, 1997..	1 380	(D)	111	1 869	(D)	2 884	1 069	22
1992..	326	(D)	61	1 591	16 637	3 045	1 123	261
Fruits, nuts, and berries ..... farms, 1997..	19	7	13	17	414	27	9	3
1992..	19	8	11	15	457	48	23	4
$1,000, 1997..	755	25	250	320	40 867	(D)	91	(D)
1992..	411	29	35	385	29 195	1 106	334	(D)
Nursery and greenhouse crops ..... farms, 1997..	31	1	29	34	105	88	87	64
1992..	20	–	19	14	60	54	82	5
$1,000, 1997..	6 531	(D)	2 260	736	17 950	8 128	21 025	4 476
1992..	2 355	–	741	135	12 159	5 711	17 101	294
Other crops ..... farms, 1997..	77	9	7	202	6	5	5	3
1992..	85	7	7	283	7	10	4	1
$1,000, 1997..	10 444	324	113	26 328	(D)	(D)	4	(D)
1992..	10 581	(D)	345	26 761	29	414	7	(D)
Livestock, poultry, and their products ..... farms, 1997..	721	27	342	444	274	458	75	106
1992..	779	36	441	475	355	519	70	101
$1,000, 1997..	57 486	644	12 563	20 380	13 474	22 004	1 026	3 148
1992..	63 620	951	16 746	22 948	16 967	25 823	578	2 969
Poultry and poultry products ..... farms, 1997..	32	3	38	23	27	44	15	7
1992..	33	3	30	33	29	46	16	9
$1,000, 1997..	55	(D)	68	(D)	1 384	50	237	(D)
1992..	63	(D)	55	2 717	1 225	194	277	(D)
Dairy products ..... farms, 1997..	300	3	59	77	31	54	4	18
1992..	369	1	93	95	36	83	–	20
$1,000, 1997..	45 363	(D)	9 223	12 034	3 127	9 737	(D)	1 629
1992..	48 562	(D)	11 152	12 092	2 771	13 109	–	2 039
Cattle and calves ..... farms, 1997..	641	22	233	340	186	253	29	83
1992..	658	29	315	350	189	267	28	79
$1,000, 1997..	10 166	329	2 452	4 381	1 450	6 169	234	641
1992..	13 005	588	3 585	4 440	2 656	5 820	145	607
Hogs and pigs ..... farms, 1997..	61	3	69	52	58	62	11	11
1992..	125	5	122	103	116	103	7	10
$1,000, 1997..	1 572	3	504	2 872	7 141	3 271	85	37
1992..	1 870	73	1 667	3 366	9 983	4 149	(D)	20
Sheep, lambs, and wool ..... farms, 1997..	20	1	35	20	19	113	12	4
1992..	29	–	40	17	28	137	1	3
$1,000, 1997..	21	(D)	95	(D)	66	1 587	(D)	(D)
1992..	17	–	71	85	66	1 381	(D)	(D)
Other livestock and livestock products (see text) ..... farms, 1997..	63	5	56	74	61	122	34	29
1992..	50	3	63	73	65	126	34	18
$1,000, 1997..	309	5	222	476	305	1 190	220	713
1992..	103	(D)	217	248	266	1 172	142	235
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	687	2	541	588	203	397	75	14
Vegetable and melon farming (1112)	13	4	8	23	57	26	24	2
Fruit and tree nut farming (1113)	20	4	10	10	375	20	12	6
Greenhouse, nursery, and floriculture production (1114)	26	–	25	30	89	77	83	59
Other crop farming (1119)	139	12	94	132	100	132	13	64
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	139	12	94	132	100	132	13	64
Beef cattle ranching and farming (112111)	140	15	48	104	73	50	16	38
Cattle feedlots (112112)	63	1	33	52	23	36	5	9
Dairy cattle and milk production (11212)	266	2	42	70	25	44	2	17
Hog and pig farming (1122)	27	–	21	24	26	17	2	4
Poultry and egg production (1123)	7	1	9	7	6	9	11	2
Sheep and goat farming (1124)	4	1	20	13	15	43	3	1
Animal aquaculture and other animal production (1125, 1129)	56	3	64	87	67	179	57	35

USDA, National Agricultural Statistics Service

Table 3. **Farm Production Expenses: 1997 and 1992**

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

Item		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Total farm production expenses	farms, 1997	46 040	207	60	1 335	411	261	324
	1992	46 558	208	58	1 468	378	247	276
	$1,000, 1997	2 835 658	3 850	1 711	154 725	9 838	11 681	15 490
	1992	2 583 189	3 450	1 505	126 332	7 468	10 159	13 588
Average per farm	dollars, 1997	61 591	18 598	28 512	115 899	23 937	44 754	47 808
	1992	55 483	16 585	25 953	86 057	19 757	41 129	49 232
Livestock and poultry purchased	farms, 1997	11 086	83	18	372	138	79	44
	1992	13 767	59	21	524	122	84	75
	$1,000, 1997	175 474	473	157	11 117	602	432	190
	1992	205 867	526	101	14 259	351	789	395
Feed for livestock and poultry	farms, 1997	17 888	124	27	576	158	114	79
	1992	21 222	98	28	745	168	115	120
	$1,000, 1997	414 770	701	416	47 224	890	1 115	1 144
	1992	333 497	644	320	26 623	968	1 013	1 576
Commercially mixed formula feeds	farms, 1997	12 036	55	18	388	121	70	66
	1992	10 357	31	14	409	61	46	78
	$1,000, 1997	256 579	261	222	34 476	470	462	441
	1992	177 647	126	125	18 421	268	443	888
Seeds, bulbs, plants, and trees	farms, 1997	27 224	81	30	776	212	141	205
	1992	30 784	69	23	979	184	121	213
	$1,000, 1997	180 800	113	30	5 481	538	748	1 219
	1992	137 278	87	25	4 490	408	378	784
Commercial fertilizer	farms, 1997	29 576	89	35	916	205	162	208
	1992	33 548	103	26	1 072	268	160	228
	$1,000, 1997	244 613	172	67	7 412	1 117	862	2 351
	1992	218 185	154	47	6 733	688	688	1 538
Agricultural chemicals	farms, 1997	26 238	62	23	805	149	147	189
	1992	33 010	90	39	1 092	164	181	206
	$1,000, 1997	182 494	58	28	6 031	590	1 256	1 085
	1992	149 282	87	28	4 490	339	964	796
Petroleum products	farms, 1997	42 348	206	58	1 252	381	222	289
	1992	44 242	201	56	1 392	368	220	259
	$1,000, 1997	142 449	280	93	5 840	685	857	939
	1992	141 653	175	80	5 754	462	601	822
Gasoline and gasohol	farms, 1997	34 136	148	55	1 010	310	189	178
	1992	37 087	159	49	1 202	273	188	225
	$1,000, 1997	35 499	92	44	1 270	203	233	203
	1992	38 747	59	34	1 502	157	232	278
Diesel fuel	farms, 1997	30 196	150	40	829	229	160	211
	1992	31 010	125	28	908	205	154	181
	$1,000, 1997	61 048	134	30	2 155	365	402	557
	1992	59 967	89	32	2 106	226	257	411
Natural gas	farms, 1997	1 932	2	2	112	1	3	3
	1992	1 912	6	2	79	7	9	11
	$1,000, 1997	17 510	(D)	(D)	1 474	(D)	(D)	11
	1992	15 610	6	(D)	867	(D)	28	19
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	31 611	171	47	976	272	185	217
	1992	33 927	124	46	1 034	271	172	225
	$1,000, 1997	28 391	(D)	(D)	941	(D)	(D)	168
	1992	27 329	22	(D)	1 280	(D)	84	114
Electricity	farms, 1997	31 396	122	42	1 024	272	181	221
	1992	34 961	138	44	1 203	268	224	210
	$1,000, 1997	53 192	112	50	3 312	219	276	289
	1992	49 096	99	52	2 857	173	213	267
Hired farm labor	farms, 1997	14 481	71	20	488	85	108	106
	1992	15 908	67	26	570	73	80	114
	$1,000, 1997	369 145	244	230	23 421	585	1 582	1 604
	1992	318 276	147	237	18 802	323	1 690	994
Contract labor	farms, 1997	3 865	9	7	139	32	24	30
	1992	4 052	7	6	153	27	30	25
	$1,000, 1997	29 043	3	11	803	106	223	413
	1992	22 488	3	5	661	(D)	122	309
Repair and maintenance	farms, 1997	37 918	187	46	1 083	301	213	252
	1992	40 611	165	46	1 336	336	234	246
	$1,000, 1997	209 298	516	117	7 523	919	920	1 345
	1992	189 820	284	88	6 809	783	806	1 099
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	13 520	51	16	391	58	51	94
	1992	15 413	37	11	621	93	42	117
	$1,000, 1997	53 082	41	8	3 050	127	160	210
	1992	40 995	54	5	1 366	(D)	114	290
Interest	farms, 1997	18 209	68	23	620	163	85	126
	1992	21 399	78	23	776	136	98	128
	$1,000, 1997	189 849	293	109	8 772	869	889	1 103
	1992	181 417	359	113	7 770	706	663	1 416
Interest paid on debt:								
Secured by real estate	farms, 1997	13 336	51	19	492	137	61	102
	1992	15 890	64	17	597	105	86	103
	$1,000, 1997	123 249	155	83	5 832	653	495	684
	1992	124 991	285	85	4 867	460	491	989
Not secured by real estate	farms, 1997	10 394	52	12	361	84	44	65
	1992	12 115	41	12	433	61	59	61
	$1,000, 1997	66 600	138	26	2 941	216	394	419
	1992	56 426	75	28	2 903	246	172	426
Cash rent	farms, 1997	12 983	58	17	366	114	34	112
	1992	14 665	43	15	412	98	61	118
	$1,000, 1997	162 012	82	40	5 780	755	417	1 349
	1992	132 101	78	21	4 417	291	127	687
Property taxes paid	farms, 1997	43 608	202	59	1 292	387	255	319
	1992	43 651	208	53	1 405	360	238	267
	$1,000, 1997	114 049	337	83	3 824	548	624	719
	1992	170 743	358	117	5 437	677	748	1 086
All other farm production expenses	farms, 1997	40 748	191	56	1 229	373	238	283
	1992	42 218	194	54	1 373	304	213	253
	$1,000, 1997	315 391	425	272	15 136	1 287	1 320	1 531
	1992	292 492	393	266	15 864	985	1 244	1 528

Table 3. **Farm Production Expenses: 1997 and 1992** —Con.

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

Item		Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Total farm production expenses	farms, 1997	54	881	730	140	1 183	980	1 085
	1992	57	833	794	120	1 313	935	1 081
	$1,000, 1997	926	41 677	46 583	4 586	63 106	60 307	51 967
	1992	760	36 541	49 035	4 152	59 168	55 298	46 928
Average per farm	dollars, 1997	17 142	47 307	63 813	32 758	53 344	61 538	47 896
	1992	13 332	43 867	61 756	34 604	45 063	59 142	43 412
Livestock and poultry purchased	farms, 1997	11	239	66	38	88	270	261
	1992	17	329	74	14	141	297	364
	$1,000, 1997	40	3 751	539	224	1 427	3 817	3 142
	1992	42	4 168	512	246	965	6 457	3 822
Feed for livestock and poultry	farms, 1997	26	367	111	50	223	413	429
	1992	34	516	126	30	316	453	597
	$1,000, 1997	162	9 130	1 061	303	2 711	10 553	7 494
	1992	186	7 597	861	49	3 065	7 205	5 207
Commercially mixed formula feeds	farms, 1997	19	268	60	41	126	275	330
	1992	20	295	63	13	162	131	237
	$1,000, 1997	100	6 350	562	181	879	5 080	2 975
	1992	108	3 958	380	16	1 169	2 091	2 252
Seeds, bulbs, plants, and trees	farms, 1997	30	372	555	56	668	615	658
	1992	24	420	679	56	746	763	736
	$1,000, 1997	28	1 810	4 086	84	3 882	3 306	3 895
	1992	16	1 390	3 491	74	2 846	3 178	2 642
Commercial fertilizer	farms, 1997	30	449	564	84	881	598	683
	1992	27	452	689	79	1 107	717	767
	$1,000, 1997	29	2 841	7 503	187	4 598	4 901	4 632
	1992	23	2 289	8 413	188	3 728	4 374	4 064
Agricultural chemicals	farms, 1997	9	430	524	69	884	567	633
	1992	15	546	634	93	1 125	737	778
	$1,000, 1997	(D)	1 799	4 056	704	7 599	3 736	3 006
	1992	(D)	1 410	4 045	569	5 837	2 886	2 967
Petroleum products	farms, 1997	53	737	702	135	1 130	890	934
	1992	52	776	773	102	1 276	893	1 044
	$1,000, 1997	90	1 810	3 024	196	3 199	3 582	3 059
	1992	68	1 807	3 301	234	3 511	3 463	2 828
Gasoline and gasohol	farms, 1997	49	618	591	119	982	742	760
	1992	48	663	649	83	1 122	732	936
	$1,000, 1997	45	446	726	90	1 075	686	737
	1992	32	563	1 001	94	1 224	761	720
Diesel fuel	farms, 1997	33	470	525	84	747	600	692
	1992	28	501	614	79	817	698	677
	$1,000, 1997	30	725	1 507	83	1 217	1 259	1 048
	1992	23	691	1 557	95	1 277	1 447	1 047
Natural gas	farms, 1997	3	22	36	3	53	33	50
	1992	1	37	54	3	46	35	46
	$1,000, 1997	1	246	329	2	126	117	554
	1992	(D)	183	222	(Z)	170	150	297
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	38	542	580	88	788	660	750
	1992	41	564	658	75	910	645	798
	$1,000, 1997	13	393	462	21	780	1 520	720
	1992	(D)	371	521	45	839	1 105	764
Electricity	farms, 1997	44	522	483	113	711	642	770
	1992	42	660	624	94	914	679	718
	$1,000, 1997	44	681	642	77	1 036	1 296	1 139
	1992	31	691	594	76	938	893	768
Hired farm labor	farms, 1997	12	196	256	62	462	249	248
	1992	13	270	312	44	557	281	338
	$1,000, 1997	155	3 358	4 692	935	14 070	6 199	5 098
	1992	56	2 532	4 363	923	13 302	5 210	5 633
Contract labor	farms, 1997	1	45	62	20	163	72	93
	1992	3	49	94	18	166	60	102
	$1,000, 1997	(D)	198	539	144	733	218	404
	1992	(D)	214	670	80	932	491	224
Repair and maintenance	farms, 1997	46	625	610	124	1 029	793	826
	1992	48	741	729	100	1 182	756	910
	$1,000, 1997	92	3 049	4 339	402	4 640	4 457	3 501
	1992	85	2 700	4 607	380	4 296	4 204	3 540
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	12	228	261	26	405	301	301
	1992	13	281	301	40	528	329	382
	$1,000, 1997	11	1 088	871	52	1 842	1 142	982
	1992	6	601	766	145	1 447	859	742
Interest	farms, 1997	10	322	330	70	451	353	371
	1992	21	408	391	46	449	485	458
	$1,000, 1997	43	3 365	3 385	387	3 691	4 356	3 718
	1992	48	3 127	3 510	314	3 453	3 557	2 897
Interest paid on debt:								
Secured by real estate	farms, 1997	8	253	188	57	313	251	280
	1992	14	337	272	26	316	372	321
	$1,000, 1997	24	2 666	1 901	288	2 520	2 754	2 426
	1992	27	2 236	2 432	239	2 465	2 473	1 919
Not secured by real estate	farms, 1997	6	160	232	41	264	208	206
	1992	12	195	260	26	260	288	293
	$1,000, 1997	19	699	1 484	99	1 171	1 602	1 292
	1992	21	891	1 077	75	988	1 084	979
Cash rent	farms, 1997	11	176	318	18	358	271	290
	1992	18	247	379	29	383	304	322
	$1,000, 1997	19	2 505	5 289	119	3 497	4 490	2 873
	1992	10	1 449	5 708	62	2 052	3 290	1 969
Property taxes paid	farms, 1997	53	852	658	139	1 084	907	1 035
	1992	56	771	707	119	1 266	876	1 013
	$1,000, 1997	84	1 782	2 107	245	2 550	2 412	2 896
	1992	89	2 622	3 072	292	3 775	3 607	3 763
All other farm production expenses	farms, 1997	45	680	636	125	1 025	875	974
	1992	48	731	738	113	1 212	840	944
	$1,000, 1997	120	4 510	4 450	528	7 632	5 839	6 129
	1992	90	3 942	5 122	521	9 021	5 622	5 862

Table 3. **Farm Production Expenses: 1997 and 1992** —Con.

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

Item		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Total farm production expenses	farms, 1997	700	187	209	319	350	1 126	27
	1992	735	195	170	333	292	1 207	17
	$1,000, 1997	55 517	3 371	4 574	5 399	10 074	72 550	234
	1992	61 867	3 244	4 087	6 522	7 930	61 948	164
Average per farm	dollars, 1997	79 310	18 027	21 883	16 924	28 783	64 432	8 677
	1992	84 172	16 636	24 040	19 586	27 159	51 324	9 626
Livestock and poultry purchased	farms, 1997	208	57	51	105	147	319	9
	1992	271	93	37	102	121	381	8
	$1,000, 1997	2 382	143	172	431	1 316	5 787	14
	1992	2 799	265	170	965	1 145	4 928	20
Feed for livestock and poultry	farms, 1997	321	102	94	164	192	406	17
	1992	392	127	70	193	177	503	14
	$1,000, 1997	15 373	623	1 407	1 245	2 289	12 126	58
	1992	21 333	327	1 003	1 058	1 539	9 234	26
Commercially mixed formula feeds	farms, 1997	196	68	56	110	146	301	12
	1992	176	50	38	127	95	203	7
	$1,000, 1997	4 658	327	932	388	792	6 607	14
	1992	6 494	158	469	250	531	3 718	10
Seeds, bulbs, plants, and trees	farms, 1997	469	78	81	94	154	818	9
	1992	547	61	68	125	150	951	7
	$1,000, 1997	2 904	114	102	47	256	4 438	4
	1992	2 179	80	64	36	197	3 027	2
Commercial fertilizer	farms, 1997	527	101	128	151	159	804	10
	1992	570	84	107	156	179	976	9
	$1,000, 1997	4 040	218	348	225	592	6 576	5
	1992	3 779	194	200	423	454	5 908	4
Agricultural chemicals	farms, 1997	437	72	67	49	98	796	5
	1992	575	99	84	118	160	971	8
	$1,000, 1997	2 900	160	101	47	181	5 346	2
	1992	2 874	112	82	81	169	3 766	(D)
Petroleum products	farms, 1997	659	171	195	313	299	1 060	25
	1992	721	180	157	332	284	1 186	17
	$1,000, 1997	2 890	217	270	395	454	3 490	12
	1992	2 710	206	235	396	393	3 109	14
Gasoline and gasohol	farms, 1997	520	127	147	204	260	836	17
	1992	613	171	132	273	251	953	15
	$1,000, 1997	752	66	85	144	172	741	7
	1992	717	105	99	167	160	795	6
Diesel fuel	farms, 1997	521	115	129	272	182	790	12
	1992	501	71	96	228	164	882	10
	$1,000, 1997	999	108	142	207	219	1 680	(D)
	1992	1 048	68	96	188	185	1 536	6
Natural gas	farms, 1997	6	4	7	6	1	40	1
	1992	23	8	8	–	–	54	–
	$1,000, 1997	38	16	8	1	(D)	133	(D)
	1992	98	6	10	–	–	119	–
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	510	117	123	242	207	811	10
	1992	550	117	108	260	180	863	15
	$1,000, 1997	1 101	28	35	44	(D)	935	(D)
	1992	848	27	30	41	49	659	2
Electricity	farms, 1997	477	134	137	249	252	775	21
	1992	584	162	119	258	177	887	15
	$1,000, 1997	731	133	122	154	226	1 408	8
	1992	830	85	121	166	185	1 207	3
Hired farm labor	farms, 1997	185	46	57	98	66	359	5
	1992	345	64	40	122	84	348	5
	$1,000, 1997	4 238	291	531	526	629	7 697	(D)
	1992	4 800	399	483	393	537	6 273	1
Contract labor	farms, 1997	56	13	8	23	29	84	2
	1992	51	9	15	12	6	81	2
	$1,000, 1997	602	45	18	26	86	253	(D)
	1992	223	16	43	19	121	145	(D)
Repair and maintenance	farms, 1997	625	148	163	265	245	1 003	22
	1992	657	168	138	299	211	1 062	16
	$1,000, 1997	3 112	367	423	664	670	5 574	25
	1992	3 812	295	405	840	694	5 311	(D)
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	226	29	43	55	100	475	3
	1992	298	35	37	74	72	508	1
	$1,000, 1997	1 174	57	39	50	150	1 352	7
	1992	816	49	28	36	80	1 388	(D)
Interest	farms, 1997	320	50	50	106	166	490	9
	1992	392	65	63	130	159	517	9
	$1,000, 1997	5 115	250	234	510	1 266	4 835	21
	1992	5 031	329	276	404	667	3 995	17
Interest paid on debt:								
Secured by real estate	farms, 1997	231	31	39	78	128	408	5
	1992	291	51	51	98	129	371	5
	$1,000, 1997	3 569	145	174	405	613	3 231	14
	1992	3 345	265	224	354	564	2 808	12
Not secured by real estate	farms, 1997	193	31	21	49	83	219	6
	1992	250	32	26	56	70	285	7
	$1,000, 1997	1 547	105	61	105	654	1 604	7
	1992	1 687	64	52	50	102	1 187	5
Cash rent	farms, 1997	242	32	37	82	79	398	2
	1992	297	32	42	77	72	308	5
	$1,000, 1997	3 015	76	64	119	208	4 487	(D)
	1992	2 569	81	76	98	154	2 386	4
Property taxes paid	farms, 1997	642	187	205	319	346	1 040	27
	1992	664	195	167	333	262	1 143	17
	$1,000, 1997	1 969	263	291	355	500	2 925	37
	1992	3 004	411	311	654	585	4 748	25
All other farm production expenses	farms, 1997	661	151	181	274	285	999	22
	1992	699	170	146	279	237	1 108	17
	$1,000, 1997	5 072	415	450	603	1 251	6 257	33
	1992	5 106	395	589	953	1 011	6 522	15

Table 3. **Farm Production Expenses: 1997 and 1992** —Con.

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

Item		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Total farm production expenses	farms, 1997	251	116	1 061	207	798	424	48
	1992	236	98	1 069	188	798	400	50
	$1,000, 1997	5 811	3 506	45 406	4 120	24 547	6 430	239
	1992	7 263	3 382	39 994	4 238	30 582	6 758	429
Average per farm	dollars, 1997	23 152	30 221	42 796	19 903	30 761	15 164	4 984
	1992	30 776	34 515	37 413	22 542	38 323	16 896	8 586
Livestock and poultry purchased	farms, 1997	51	36	264	55	217	146	6
	1992	69	24	260	59	214	159	17
	$1,000, 1997	139	127	2 184	286	1 946	289	(D)
	1992	235	38	2 544	648	4 738	308	34
Feed for livestock and poultry	farms, 1997	105	58	380	99	371	239	25
	1992	160	53	382	113	340	242	32
	$1,000, 1997	649	729	4 165	582	2 068	888	31
	1992	1 165	429	3 475	426	2 501	1 518	71
Commercially mixed formula feeds	farms, 1997	85	39	299	48	196	107	14
	1992	67	17	188	33	156	136	9
	$1,000, 1997	448	390	2 267	200	749	366	14
	1992	507	71	1 203	108	779	650	24
Seeds, bulbs, plants, and trees	farms, 1997	124	66	626	98	366	188	8
	1992	136	51	762	106	516	193	9
	$1,000, 1997	332	211	4 432	127	1 596	323	(D)
	1992	259	158	2 863	101	1 805	187	4
Commercial fertilizer	farms, 1997	144	63	667	127	351	243	12
	1992	157	55	830	127	501	231	17
	$1,000, 1997	545	252	6 017	237	2 575	758	(D)
	1992	594	319	4 923	449	2 755	423	9
Agricultural chemicals	farms, 1997	112	46	603	87	349	161	7
	1992	160	44	747	102	586	179	14
	$1,000, 1997	238	176	3 659	126	1 713	349	(D)
	1992	341	192	2 957	142	2 087	227	10
Petroleum products	farms, 1997	246	100	965	193	716	375	44
	1992	234	94	1 040	174	740	370	48
	$1,000, 1997	396	239	2 749	241	1 360	389	21
	1992	644	221	2 547	301	1 505	406	42
Gasoline and gasohol	farms, 1997	205	89	780	146	602	295	41
	1992	229	82	854	138	654	339	43
	$1,000, 1997	164	119	643	89	387	116	13
	1992	275	70	621	128	434	159	20
Diesel fuel	farms, 1997	162	66	605	163	504	256	20
	1992	176	63	753	158	540	226	21
	$1,000, 1997	174	83	1 342	116	554	214	5
	1992	248	119	1 276	145	711	191	13
Natural gas	farms, 1997	2	1	39	10	18	2	–
	1992	19	2	27	2	41	5	1
	$1,000, 1997	(D)	(D)	119	5	109	(D)	–
	1992	29	(D)	165	(D)	80	2	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	186	76	722	140	484	246	23
	1992	201	79	822	125	526	229	37
	$1,000, 1997	(D)	(D)	645	30	310	(D)	2
	1992	93	(D)	486	(D)	281	55	(D)
Electricity	farms, 1997	183	86	717	146	484	258	25
	1992	210	81	778	140	588	303	36
	$1,000, 1997	164	96	806	127	435	127	8
	1992	233	92	632	93	461	169	18
Hired farm labor	farms, 1997	97	40	255	59	216	117	19
	1992	124	53	280	62	260	94	20
	$1,000, 1997	816	334	3 564	442	2 075	226	17
	1992	659	510	2 591	345	2 569	275	28
Contract labor	farms, 1997	7	8	54	5	21	18	1
	1992	32	9	54	6	75	12	5
	$1,000, 1997	7	32	230	4	38	24	(D)
	1992	32	28	177	29	251	33	4
Repair and maintenance	farms, 1997	213	99	904	178	627	313	37
	1992	212	86	957	167	678	345	47
	$1,000, 1997	714	334	3 847	546	2 213	625	57
	1992	763	300	3 607	488	2 589	622	77
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	30	23	326	30	178	92	3
	1992	81	19	363	24	191	147	11
	$1,000, 1997	48	24	777	15	329	104	(D)
	1992	51	12	727	20	419	149	4
Interest	farms, 1997	88	42	397	63	242	193	8
	1992	146	43	544	56	304	165	15
	$1,000, 1997	421	230	3 088	246	1 968	640	21
	1992	680	232	3 116	256	1 890	498	17
Interest paid on debt:								
Secured by real estate	farms, 1997	77	30	289	49	173	117	7
	1992	96	32	381	37	226	120	12
	$1,000, 1997	304	134	2 056	148	1 221	365	(D)
	1992	470	154	1 949	159	1 287	362	13
Not secured by real estate	farms, 1997	51	26	227	27	179	102	2
	1992	89	26	315	39	199	86	8
	$1,000, 1997	117	97	1 032	97	747	275	(D)
	1992	211	78	1 167	97	603	137	4
Cash rent	farms, 1997	51	25	297	44	170	118	3
	1992	86	42	337	73	223	72	5
	$1,000, 1997	189	46	3 103	93	1 483	508	(Z)
	1992	138	141	2 663	104	1 656	180	3
Property taxes paid	farms, 1997	240	111	1 002	202	766	405	46
	1992	231	94	981	181	762	379	47
	$1,000, 1997	403	171	2 393	407	1 645	591	44
	1992	590	274	3 611	390	2 983	848	53
All other farm production expenses	farms, 1997	206	103	1 001	170	682	352	40
	1992	220	96	993	161	679	369	42
	$1,000, 1997	752	505	4 391	642	3 104	590	29
	1992	876	438	3 562	446	2 372	916	56

Table 3. **Farm Production Expenses: 1997 and 1992** —Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Total farm production expenses ..... farms, 1997..	415	873	1 234	128	1 184	826	1 006	237
1992..	409	914	1 018	138	1 324	837	1 006	207
$1,000, 1997..	13 352	77 585	53 709	2 251	171 252	49 755	75 257	4 952
1992..	12 274	60 069	50 943	1 941	153 967	42 502	66 749	8 653
Average per farm ..... dollars, 1997..	32 174	88 871	43 524	17 587	144 639	60 236	74 808	20 892
1992..	30 010	65 721	50 042	14 065	116 289	50 779	66 351	41 803
Livestock and poultry purchased ..... farms, 1997..	85	260	194	32	370	226	304	34
1992..	86	270	328	36	482	286	391	88
$1,000, 1997..	565	6 724	4 441	84	31 311	2 348	3 912	587
1992..	304	3 472	3 943	131	36 190	2 684	3 619	(D)
Feed for livestock and poultry ..... farms, 1997..	123	352	358	67	486	384	458	111
1992..	140	364	480	72	635	440	511	98
$1,000, 1997..	1 121	12 924	7 102	533	31 905	4 782	16 773	755
1992..	472	6 219	6 153	391	19 657	4 870	13 085	1 607
Commercially mixed formula feeds ..... farms, 1997..	81	239	231	48	315	283	308	59
1992..	57	178	246	36	395	258	262	47
$1,000, 1997..	731	8 039	2 576	393	20 606	2 133	12 536	427
1992..	192	3 357	3 110	206	11 360	1 752	9 540	216
Seeds, bulbs, plants, and trees ..... farms, 1997..	196	613	656	56	853	506	673	120
1992..	208	747	791	51	1 125	583	750	143
$1,000, 1997..	433	5 653	3 696	41	8 873	3 118	3 852	186
1992..	453	4 107	3 868	52	6 757	2 210	2 917	231
Commercial fertilizer ..... farms, 1997..	270	611	646	60	878	561	639	121
1992..	311	702	784	71	1 161	625	742	141
$1,000, 1997..	977	9 068	5 465	86	17 817	5 536	7 369	396
1992..	777	7 590	5 420	58	15 075	4 900	6 241	321
Agricultural chemicals ..... farms, 1997..	260	590	645	33	810	477	657	80
1992..	324	712	749	87	1 081	576	714	124
$1,000, 1997..	1 469	5 893	3 863	8	8 190	3 149	4 312	170
1992..	1 398	4 519	3 238	35	6 187	2 639	3 617	112
Petroleum products ..... farms, 1997..	354	823	1 048	118	1 074	753	912	208
1992..	385	885	982	138	1 242	807	955	191
$1,000, 1997..	738	4 038	2 765	137	6 739	2 560	3 084	306
1992..	673	4 079	2 923	131	7 055	2 377	3 280	324
Gasoline and gasohol ..... farms, 1997..	311	689	791	109	879	634	703	180
1992..	310	728	778	116	1 049	677	800	155
$1,000, 1997..	231	1 112	611	53	1 662	576	727	124
1992..	274	959	762	53	2 058	703	688	135
Diesel fuel ..... farms, 1997..	248	597	690	83	868	512	669	149
1992..	251	672	714	64	1 057	555	742	121
$1,000, 1997..	318	1 901	1 254	59	3 904	1 128	1 518	133
1992..	295	2 075	1 141	41	3 740	1 022	1 708	129
Natural gas ..... farms, 1997..	10	25	24	2	32	22	17	10
1992..	14	24	10	3	62	34	37	4
$1,000, 1997..	31	159	116	(D)	190	189	170	9
1992..	33	138	26	(D)	200	209	80	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms, 1997..	266	613	694	87	900	591	702	145
1992..	291	764	753	105	1 084	617	758	160
$1,000, 1997..	158	866	783	(D)	983	667	668	39
1992..	71	907	994	(D)	1 058	443	804	(D)
Electricity ..... farms, 1997..	299	636	764	91	878	567	642	175
1992..	298	652	709	104	1 086	619	797	161
$1,000, 1997..	310	1 204	995	71	1 934	1 082	1 573	120
1992..	199	980	827	64	2 028	1 002	1 336	124
Hired farm labor ..... farms, 1997..	168	298	277	46	504	264	299	76
1992..	165	295	308	39	522	289	318	71
$1,000, 1997..	1 894	5 765	4 469	318	10 301	7 599	7 272	466
1992..	2 237	4 313	3 921	324	8 282	3 992	7 281	450
Contract labor ..... farms, 1997..	77	107	83	13	138	52	59	7
1992..	96	90	75	22	207	59	67	14
$1,000, 1997..	163	486	358	25	1 564	264	1 658	17
1992..	280	590	145	40	803	235	966	(D)
Repair and maintenance ..... farms, 1997..	328	766	870	105	1 039	734	792	203
1992..	296	835	895	118	1 299	712	915	189
$1,000, 1997..	1 396	5 674	4 004	279	10 649	4 123	4 813	609
1992..	1 040	5 281	3 643	153	10 350	3 278	5 131	686
Customwork, machine hire, and rental of machinery and equipment ..... farms, 1997..	144	273	414	21	455	246	400	39
1992..	149	290	406	32	535	257	403	47
$1,000, 1997..	242	1 236	1 288	30	3 143	1 271	1 342	41
1992..	234	921	810	10	2 041	863	868	143
Interest ..... farms, 1997..	120	446	525	44	611	338	389	43
1992..	152	528	526	46	813	350	475	93
$1,000, 1997..	786	4 991	4 263	142	11 457	3 389	5 412	263
1992..	991	5 463	4 002	122	11 518	3 328	4 780	656
Interest paid on debt:								
Secured by real estate ..... farms, 1997..	78	349	438	34	461	245	338	24
1992..	117	406	368	39	565	246	336	46
$1,000, 1997..	577	3 084	2 511	93	7 997	2 119	3 333	144
1992..	818	3 879	2 567	97	8 015	2 376	3 091	170
Not secured by real estate ..... farms, 1997..	82	243	308	24	362	186	206	33
1992..	70	288	335	27	447	224	289	67
$1,000, 1997..	209	1 907	1 752	50	3 461	1 270	2 080	119
1992..	173	1 584	1 435	25	3 503	952	1 690	486
Cash rent ..... farms, 1997..	49	259	333	26	472	242	258	42
1992..	77	325	320	16	542	282	327	71
$1,000, 1997..	329	4 782	4 794	29	11 850	3 116	3 795	136
1992..	188	3 377	3 057	22	9 798	2 361	3 204	314
Property taxes paid ..... farms, 1997..	374	787	1 189	128	1 091	782	986	228
1992..	408	841	977	135	1 184	763	982	201
$1,000, 1997..	1 069	2 249	2 087	189	4 601	2 637	2 473	286
1992..	1 569	3 360	3 145	183	6 930	3 521	3 889	406
All other farm production expenses ..... farms, 1997..	370	737	1 016	100	1 067	762	903	211
1992..	359	853	953	117	1 251	740	918	202
$1,000, 1997..	1 860	6 896	4 119	279	10 920	4 781	7 618	614
1992..	1 459	5 798	5 847	223	11 296	4 243	6 535	614

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Table 3. **Farm Production Expenses: 1997 and 1992** —Con.

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

Item		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Total farm production expenses	farms, 1997	86	912	988	696	139	1 136	5	125
	1992	75	883	1 041	745	79	1 189	3	102
	$1,000, 1997	1 458	44 791	38 452	73 163	4 084	93 300	22	1 662
	1992	1 851	42 245	41 613	73 246	2 849	88 084	8	1 314
Average per farm	dollars, 1997	16 956	49 113	38 919	105 119	29 385	82 131	4 371	13 292
	1992	24 683	47 843	39 974	98 317	36 059	74 082	2 501	12 885
Livestock and poultry purchased	farms, 1997	33	193	264	137	29	230	1	37
	1992	23	262	326	253	30	373	1	29
	$1,000, 1997	90	2 067	6 870	5 158	103	1 612	(D)	106
	1992	82	4 546	7 792	5 860	99	2 986	(D)	74
Feed for livestock and poultry	farms, 1997	50	342	385	224	45	475	3	63
	1992	53	477	510	318	44	581	2	64
	$1,000, 1997	117	8 626	3 663	10 911	310	6 737	7	335
	1992	209	7 091	3 873	10 101	270	5 557	(D)	261
Commercially mixed formula feeds	farms, 1997	32	257	271	174	28	377	2	42
	1992	17	238	233	169	21	248	–	34
	$1,000, 1997	72	4 684	2 143	6 843	108	3 482	(D)	95
	1992	23	3 992	958	3 548	117	2 684	–	81
Seeds, bulbs, plants, and trees	farms, 1997	29	607	573	471	74	609	2	49
	1992	31	579	655	490	50	729	–	53
	$1,000, 1997	60	2 343	2 279	4 864	504	6 578	(D)	41
	1992	74	1 797	2 023	3 943	151	6 872	–	33
Commercial fertilizer	farms, 1997	37	660	593	455	78	714	2	61
	1992	39	635	672	515	48	842	–	40
	$1,000, 1997	123	4 983	3 578	4 166	516	4 614	(D)	85
	1992	136	3 416	3 684	4 124	267	4 071	–	61
Agricultural chemicals	farms, 1997	24	549	583	372	50	663	1	23
	1992	19	522	729	520	44	858	1	46
	$1,000, 1997	65	2 444	2 593	3 248	178	5 844	(D)	23
	1992	74	1 649	2 356	2 344	137	5 848	(D)	23
Petroleum products	farms, 1997	84	828	943	635	124	1 085	4	117
	1992	69	822	982	697	67	1 102	2	98
	$1,000, 1997	123	2 499	1 979	3 848	307	4 865	1	120
	1992	127	2 110	2 408	4 218	122	5 042	(D)	92
Gasoline and gasohol	farms, 1997	81	623	680	527	106	879	3	93
	1992	66	658	779	592	49	900	1	74
	$1,000, 1997	62	580	496	526	69	915	1	54
	1992	62	667	700	808	32	1 231	(D)	40
Diesel fuel	farms, 1997	48	645	679	444	66	700	1	72
	1992	39	568	677	402	53	708	1	55
	$1,000, 1997	45	1 385	938	1 129	147	1 511	(D)	48
	1992	50	1 025	1 080	960	69	2 062	(D)	37
Natural gas	farms, 1997	4	19	39	71	4	89	–	1
	1992	1	36	15	96	–	75	–	2
	$1,000, 1997	3	94	165	1 477	(D)	1 613	–	(D)
	1992	(D)	77	158	1 849	–	1 253	–	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	66	670	656	480	75	775	2	64
	1992	55	641	689	540	50	798	2	60
	$1,000, 1997	13	440	379	716	(D)	826	(D)	(D)
	1992	(D)	340	469	601	22	496	(D)	(D)
Electricity	farms, 1997	58	592	669	472	92	825	4	58
	1992	58	598	717	579	57	914	3	60
	$1,000, 1997	34	938	665	1 504	103	2 066	2	60
	1992	43	814	729	1 414	74	1 706	(Z)	47
Hired farm labor	farms, 1997	27	252	196	272	50	500	–	18
	1992	26	316	301	282	23	473	–	25
	$1,000, 1997	266	4 464	2 961	13 999	445	23 212	–	112
	1992	254	3 649	3 368	13 786	647	18 785	–	28
Contract labor	farms, 1997	1	58	61	60	18	131	–	6
	1992	1	34	69	78	3	114	–	4
	$1,000, 1997	(D)	110	113	329	39	679	–	4
	1992	(D)	131	121	387	(D)	1 537	–	(Z)
Repair and maintenance	farms, 1997	76	769	821	582	109	987	5	85
	1992	67	777	887	638	70	1 023	2	85
	$1,000, 1997	135	3 921	3 078	4 532	362	6 633	3	207
	1992	187	3 495	3 421	4 139	180	5 285	(D)	121
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	14	284	240	195	26	311	–	12
	1992	10	331	367	239	10	292	1	11
	$1,000, 1997	(D)	788	567	802	94	1 106	–	12
	1992	(D)	621	747	880	(D)	887	(D)	5
Interest	farms, 1997	25	432	406	272	43	364	3	33
	1992	24	451	366	337	25	508	–	34
	$1,000, 1997	61	3 080	2 737	4 824	323	5 473	3	118
	1992	106	3 310	2 522	3 849	107	5 339	–	92
Interest paid on debt: Secured by real estate	farms, 1997	16	342	327	201	34	263	2	19
	1992	18	289	282	277	18	395	–	23
	$1,000, 1997	41	2 030	1 908	2 758	176	3 800	(D)	67
	1992	55	2 215	1 964	2 494	67	3 657	–	65
Not secured by real estate	farms, 1997	11	222	186	162	25	218	2	19
	1992	10	287	209	207	18	275	–	18
	$1,000, 1997	20	1 050	829	2 066	147	1 673	(D)	51
	1992	51	1 095	558	1 356	40	1 683	–	27
Cash rent	farms, 1997	27	242	267	208	13	320	–	19
	1992	20	281	254	214	15	399	–	6
	$1,000, 1997	29	2 227	1 872	2 579	133	3 123	–	27
	1992	25	1 541	1 871	1 794	89	2 935	–	11
Property taxes paid	farms, 1997	81	880	928	679	135	1 088	5	123
	1992	74	820	961	681	76	1 125	3	102
	$1,000, 1997	111	1 827	2 135	2 108	243	3 581	3	246
	1992	205	2 664	3 464	4 128	187	5 408	1	262
All other farm production expenses	farms, 1997	74	796	876	608	114	1 023	5	98
	1992	71	777	903	655	72	1 041	3	90
	$1,000, 1997	233	4 475	3 362	10 289	425	17 176	1	166
	1992	320	5 412	3 236	12 279	474	15 826	1	202

Table 3. **Farm Production Expenses: 1997 and 1992** —Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Total farm production expenses ..... farms, 1997..	1 023	371	1 316	635	31	72	521	286
1992..	1 120	374	1 260	682	31	70	556	251
$1,000, 1997..	43 867	20 733	78 591	25 194	1 048	2 418	31 411	8 533
1992..	44 836	17 739	77 057	25 846	829	2 548	29 846	7 164
Average per farm ..... dollars, 1997..	42 880	55 884	59 719	39 676	33 794	33 582	60 290	29 837
1992..	40 032	47 429	61 156	37 898	26 744	36 401	53 680	28 544
Livestock and poultry purchased ..... farms, 1997..	288	41	240	162	5	20	117	69
1992..	323	54	333	180	13	28	81	72
$1,000, 1997..	3 644	1 250	5 327	1 089	106	142	442	447
1992..	4 184	1 158	5 829	1 873	300	155	1 778	210
Feed for livestock and poultry ..... farms, 1997..	497	73	383	306	9	35	178	86
1992..	586	80	483	309	18	50	160	134
$1,000, 1997..	4 385	435	4 076	2 560	61	669	789	235
1992..	3 713	368	5 366	2 511	73	667	1 310	225
Commercially mixed formula feeds ..... farms, 1997..	315	46	293	228	3	22	90	44
1992..	288	28	249	142	12	29	78	55
$1,000, 1997..	2 682	188	2 315	1 278	(D)	261	395	134
1992..	1 777	114	2 792	1 080	22	376	717	79
Seeds, bulbs, plants, and trees ..... farms, 1997..	542	211	818	288	14	28	307	152
1992..	655	157	992	413	15	31	363	136
$1,000, 1997..	2 280	447	6 048	1 486	98	20	3 816	403
1992..	2 647	406	5 039	1 148	17	46	1 712	313
Commercial fertilizer ..... farms, 1997..	590	316	808	343	20	29	351	171
1992..	703	292	991	402	15	36	418	179
$1,000, 1997..	4 028	1 222	9 746	1 982	58	78	1 412	618
1992..	4 294	1 041	8 787	1 996	32	88	2 129	473
Agricultural chemicals ..... farms, 1997..	472	297	830	278	12	18	277	158
1992..	698	320	1 008	387	20	39	473	181
$1,000, 1997..	2 710	3 174	7 142	1 878	37	82	1 374	1 116
1992..	2 773	2 375	6 324	1 135	14	(D)	1 468	705
Petroleum products ..... farms, 1997..	917	337	1 188	514	30	66	520	264
1992..	1 056	362	1 242	625	31	70	523	238
$1,000, 1997..	2 347	939	4 095	1 379	63	122	2 265	592
1992..	2 559	864	4 314	1 516	47	150	2 467	470
Gasoline and gasohol ..... farms, 1997..	734	314	960	386	22	52	416	210
1992..	863	300	1 049	540	19	58	432	230
$1,000, 1997..	686	398	1 104	433	22	43	398	247
1992..	754	360	1 034	473	14	46	588	188
Diesel fuel ..... farms, 1997..	669	257	931	422	23	48	335	180
1992..	795	269	920	409	24	47	353	188
$1,000, 1997..	988	404	1 797	591	37	64	503	221
1992..	1 152	374	1 959	578	28	85	567	215
Natural gas ..... farms, 1997..	72	11	54	13	1	1	91	2
1992..	42	10	55	14	1	2	46	6
$1,000, 1997..	248	21	163	75	(D)	(D)	1 121	(D)
1992..	125	43	212	168	(D)	(D)	902	8
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms, 1997..	688	276	887	370	18	49	356	221
1992..	815	298	1 039	435	20	53	423	190
$1,000, 1997..	425	116	1 031	280	(D)	(D)	244	(D)
1992..	529	87	1 108	297	(D)	(D)	410	60
Electricity ..... farms, 1997..	727	280	803	424	24	56	380	181
1992..	859	342	955	486	22	57	398	174
$1,000, 1997..	1 004	347	1 012	594	19	52	667	196
1992..	1 076	286	1 014	648	13	75	775	223
Hired farm labor ..... farms, 1997..	347	204	362	190	15	22	158	117
1992..	382	223	382	178	16	23	181	81
$1,000, 1997..	5 044	4 760	6 217	4 084	161	296	8 125	1 531
1992..	5 183	3 719	5 014	3 774	43	224	6 554	1 298
Contract labor ..... farms, 1997..	91	64	60	26	2	3	60	42
1992..	70	69	71	57	2	1	34	13
$1,000, 1997..	512	447	173	156	(D)	3	176	452
1992..	165	406	408	53	(D)	(D)	204	154
Repair and maintenance ..... farms, 1997..	860	323	1 110	464	23	63	453	236
1992..	954	333	1 140	553	28	60	463	201
$1,000, 1997..	4 056	1 660	6 477	2 207	94	187	2 426	878
1992..	3 466	1 593	5 359	2 003	50	162	2 452	636
Customwork, machine hire, and rental of machinery and equipment ..... farms, 1997..	324	113	426	139	3	13	132	41
1992..	279	143	540	156	6	13	161	63
$1,000, 1997..	645	429	1 355	434	(D)	37	360	73
1992..	334	694	2 096	286	(D)	56	278	78
Interest ..... farms, 1997..	356	147	606	195	15	26	138	110
1992..	521	193	667	264	10	34	158	83
$1,000, 1997..	2 826	1 296	6 938	1 547	109	154	1 090	585
1992..	3 151	1 269	6 469	1 838	77	313	912	676
Interest paid on debt:								
Secured by real estate ..... farms, 1997..	230	107	404	128	7	19	94	82
1992..	403	175	439	170	5	29	85	72
$1,000, 1997..	1 914	958	4 846	1 019	72	82	685	418
1992..	2 091	1 128	4 636	1 436	28	225	493	521
Not secured by real estate ..... farms, 1997..	229	63	367	113	10	19	65	53
1992..	234	72	424	143	7	17	98	47
$1,000, 1997..	911	338	2 092	528	38	72	405	167
1992..	1 060	142	1 833	403	50	88	419	155
Cash rent ..... farms, 1997..	330	52	443	173	8	27	147	48
1992..	362	42	545	203	10	23	198	60
$1,000, 1997..	2 801	836	10 388	1 502	(D)	27	957	136
1992..	2 100	297	8 621	1 075	11	107	1 280	76
Property taxes paid ..... farms, 1997..	994	354	1 204	598	31	67	490	266
1992..	1 051	371	1 089	640	30	66	496	251
$1,000, 1997..	2 209	1 176	3 651	1 729	38	88	1 445	504
1992..	3 846	1 216	5 605	2 980	52	136	2 208	684
All other farm production expenses ..... farms, 1997..	854	340	1 195	560	24	63	481	263
1992..	1 014	323	1 185	608	27	63	491	227
$1,000, 1997..	5 374	2 315	5 944	2 567	100	461	6 069	767
1992..	5 345	2 045	6 812	3 010	92	318	4 319	943

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Table 3. **Farm Production Expenses: 1997 and 1992** —Con.

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

Item		Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Total farm production expenses	farms, 1997	108	414	597	348	418	336	1 059	956
	1992	84	401	594	309	442	290	1 133	899
	$1,000, 1997	2 894	20 715	17 511	14 489	14 667	26 418	70 369	65 365
	1992	1 464	17 411	19 373	13 880	19 069	21 324	60 065	53 343
Average per farm	dollars, 1997	26 792	50 036	29 332	41 634	35 088	78 625	66 448	68 373
	1992	17 432	43 418	32 615	44 920	43 143	73 532	53 014	59 336
Livestock and poultry purchased	farms, 1997	24	105	170	97	100	88	261	247
	1992	21	77	259	100	120	152	213	325
	$1,000, 1997	219	951	1 148	747	550	1 613	3 492	2 141
	1992	47	1 348	2 581	361	2 487	1 771	2 976	1 938
Feed for livestock and poultry	farms, 1997	54	170	273	218	174	158	351	413
	1992	41	168	365	224	183	232	277	443
	$1,000, 1997	713	2 033	3 572	3 951	1 360	7 477	2 301	4 544
	1992	291	1 776	3 533	3 743	1 397	6 595	1 659	3 464
Commercially mixed formula feeds	farms, 1997	36	124	213	161	78	145	188	273
	1992	13	77	231	169	91	158	78	184
	$1,000, 1997	523	1 175	1 866	2 470	876	4 382	922	1 866
	1992	139	992	1 840	2 122	523	3 029	714	1 583
Seeds, bulbs, plants, and trees	farms, 1997	40	251	300	221	245	168	787	602
	1992	23	257	299	202	286	152	907	587
	$1,000, 1997	75	1 334	877	421	1 247	732	7 072	4 755
	1992	23	732	633	395	1 073	469	4 811	4 196
Commercial fertilizer	farms, 1997	50	259	349	238	281	182	763	618
	1992	37	258	367	211	282	168	897	627
	$1,000, 1997	128	1 705	1 524	1 197	2 014	1 184	7 160	7 372
	1992	84	1 122	1 248	851	1 870	1 037	6 804	6 103
Agricultural chemicals	farms, 1997	29	276	232	161	221	172	783	517
	1992	41	303	332	186	281	152	936	660
	$1,000, 1997	62	1 664	953	349	1 196	564	5 239	6 859
	1992	29	1 437	715	278	1 296	393	4 726	4 847
Petroleum products	farms, 1997	99	390	544	320	378	320	1 009	914
	1992	81	381	517	283	435	253	1 108	864
	$1,000, 1997	205	973	942	684	880	1 097	4 082	3 478
	1992	132	968	968	779	1 049	826	4 016	3 119
Gasoline and gasohol	farms, 1997	88	329	380	258	331	226	925	759
	1992	69	281	406	243	355	227	897	708
	$1,000, 1997	71	312	307	235	254	355	1 006	952
	1992	37	349	290	288	291	253	769	914
Diesel fuel	farms, 1997	60	265	399	230	255	241	738	689
	1992	44	302	348	205	273	142	821	615
	$1,000, 1997	80	440	419	342	424	559	1 591	1 750
	1992	57	454	501	402	463	444	1 690	1 654
Natural gas	farms, 1997	4	12	11	7	7	16	52	34
	1992	5	13	19	1	12	14	33	32
	$1,000, 1997	(D)	87	47	12	25	42	887	135
	1992	(D)	22	16	(D)	38	19	717	109
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	65	283	381	252	285	240	835	676
	1992	61	301	362	225	325	193	820	654
	$1,000, 1997	(D)	134	169	95	177	141	598	641
	1992	(D)	143	161	(D)	257	111	840	442
Electricity	farms, 1997	75	286	400	266	282	223	680	620
	1992	55	260	437	265	306	245	710	659
	$1,000, 1997	70	402	513	421	203	740	976	1 682
	1992	50	341	497	458	231	545	858	1 281
Hired farm labor	farms, 1997	38	156	147	122	138	159	309	317
	1992	28	152	224	71	117	100	235	286
	$1,000, 1997	314	4 457	1 173	1 496	762	3 119	10 200	7 631
	1992	106	2 675	1 319	1 200	1 247	1 773	6 269	5 997
Contract labor	farms, 1997	4	26	9	56	53	48	106	80
	1992	7	37	52	24	39	24	90	53
	$1,000, 1997	(D)	86	21	67	121	185	820	383
	1992	21	246	136	125	70	184	237	244
Repair and maintenance	farms, 1997	84	326	434	305	357	249	872	817
	1992	70	328	488	265	329	248	1 008	796
	$1,000, 1997	305	1 581	1 365	1 251	1 170	2 062	5 313	5 440
	1992	165	1 446	1 538	1 102	1 827	1 578	4 244	4 457
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	15	82	114	105	107	88	418	261
	1992	9	126	155	100	146	80	418	252
	$1,000, 1997	(D)	356	305	121	258	243	1 507	1 736
	1992	38	278	223	162	312	162	1 100	1 404
Interest	farms, 1997	36	141	197	155	123	163	411	429
	1992	30	157	239	174	162	166	512	481
	$1,000, 1997	177	1 203	1 683	1 260	1 187	2 208	4 441	4 894
	1992	163	1 032	1 705	1 383	1 366	1 806	4 561	4 017
Interest paid on debt:									
Secured by real estate	farms, 1997	30	109	157	107	91	113	303	306
	1992	18	112	183	144	103	134	309	403
	$1,000, 1997	130	755	968	729	678	1 402	2 516	2 611
	1992	84	657	1 075	863	884	1 312	2 922	2 592
Not secured by real estate	farms, 1997	16	70	91	87	84	91	240	236
	1992	20	83	144	89	92	86	367	246
	$1,000, 1997	47	448	715	531	508	805	1 926	2 283
	1992	79	375	629	520	482	494	1 639	1 425
Cash rent	farms, 1997	12	103	135	115	87	116	426	272
	1992	16	139	120	113	87	85	460	245
	$1,000, 1997	13	689	483	282	1 282	496	6 759	4 436
	1992	19	570	486	198	1 348	374	6 451	2 603
Property taxes paid	farms, 1997	106	404	576	341	382	328	979	888
	1992	80	371	579	299	388	287	1 020	857
	$1,000, 1997	189	792	907	611	1 029	945	2 860	2 194
	1992	169	1 491	1 530	1 118	1 682	1 123	4 464	3 021
All other farm production expenses	farms, 1997	94	350	510	323	366	286	980	851
	1992	74	381	533	267	366	258	1 064	822
	$1,000, 1997	295	2 489	2 046	1 629	1 408	3 754	8 146	7 819
	1992	128	1 948	2 261	1 726	1 814	2 689	6 890	6 651

Table 3. **Farm Production Expenses: 1997 and 1992** —Con.

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

Item		Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Total farm production expenses	farms, 1997	103	411	670	543	574	260	92	497
	1992	112	417	667	503	595	261	96	458
	$1,000, 1997	2 202	34 487	39 745	32 747	38 861	18 051	1 676	15 213
	1992	2 761	25 252	33 799	23 381	36 479	12 285	1 563	16 244
Average per farm	dollars, 1997	21 379	83 911	59 321	60 308	67 701	69 427	18 222	30 609
	1992	24 654	60 557	50 674	46 484	61 309	47 069	16 282	35 468
Livestock and poultry purchased	farms, 1997	25	66	173	87	103	108	28	191
	1992	33	143	257	124	139	72	24	186
	$1,000, 1997	72	2 099	2 357	867	1 579	1 885	95	761
	1992	228	2 932	2 829	356	1 171	1 189	134	1 115
Feed for livestock and poultry	farms, 1997	64	135	333	246	191	172	46	272
	1992	62	251	398	232	207	150	59	271
	$1,000, 1997	481	6 840	8 275	781	3 707	4 065	312	3 803
	1992	325	1 988	6 850	1 032	2 479	2 584	269	5 029
Commercially mixed formula feeds	farms, 1997	29	83	219	182	152	112	31	217
	1992	26	118	248	108	87	78	24	133
	$1,000, 1997	244	3 079	5 191	461	2 923	1 732	286	1 982
	1992	89	680	4 855	342	946	758	200	1 793
Seeds, bulbs, plants, and trees	farms, 1997	43	209	389	170	368	154	35	236
	1992	68	229	450	167	395	154	39	193
	$1,000, 1997	118	1 591	1 927	6 473	1 548	561	26	486
	1992	85	930	1 140	1 093	1 307	423	40	342
Commercial fertilizer	farms, 1997	57	267	446	167	445	178	42	269
	1992	82	252	520	216	483	165	36	248
	$1,000, 1997	191	1 552	2 488	913	2 483	1 141	55	758
	1992	262	1 432	2 047	664	2 464	905	65	715
Agricultural chemicals	farms, 1997	27	246	352	176	394	122	14	173
	1992	35	258	448	251	484	132	36	237
	$1,000, 1997	43	2 126	2 076	524	4 081	436	8	400
	1992	78	1 701	1 700	575	3 234	310	48	334
Petroleum products	farms, 1997	91	379	639	455	534	246	88	454
	1992	105	344	640	469	561	251	89	409
	$1,000, 1997	163	1 613	1 610	1 392	1 666	848	111	976
	1992	209	1 360	1 616	1 346	1 570	711	106	770
Gasoline and gasohol	farms, 1997	70	326	470	371	446	168	78	331
	1992	80	238	522	398	478	170	82	336
	$1,000, 1997	43	340	456	297	554	241	45	410
	1992	71	313	454	419	578	208	51	268
Diesel fuel	farms, 1997	62	261	435	262	372	188	58	325
	1992	77	269	491	229	413	198	48	246
	$1,000, 1997	94	718	758	293	771	483	50	471
	1992	103	528	683	267	709	396	38	387
Natural gas	farms, 1997	–	32	9	44	15	10	–	3
	1992	1	19	13	41	21	19	–	12
	$1,000, 1997	–	338	58	570	16	21	–	2
	1992	(D)	355	(D)	482	16	15	–	11
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	61	244	443	305	402	180	69	356
	1992	70	217	476	266	364	197	71	301
	$1,000, 1997	26	217	338	233	324	104	16	93
	1992	(D)	164	(D)	178	267	93	17	104
Electricity	farms, 1997	86	308	445	422	401	204	69	322
	1992	96	278	579	321	430	196	73	326
	$1,000, 1997	91	651	1 132	517	678	411	63	457
	1992	76	570	926	591	672	333	77	430
Hired farm labor	farms, 1997	20	124	183	184	270	93	34	114
	1992	32	109	218	193	338	71	41	153
	$1,000, 1997	81	6 395	5 092	10 320	9 657	2 938	202	1 435
	1992	207	5 335	3 853	8 737	9 548	1 166	129	1 105
Contract labor	farms, 1997	4	62	34	49	66	14	8	24
	1992	18	33	38	60	107	9	4	33
	$1,000, 1997	6	671	447	250	418	67	15	11
	1992	17	160	379	693	891	27	2	139
Repair and maintenance	farms, 1997	91	335	561	401	479	223	77	408
	1992	103	342	592	425	503	177	79	368
	$1,000, 1997	238	2 168	3 394	1 704	3 135	1 556	205	1 437
	1992	359	1 734	2 564	1 407	2 428	1 234	137	1 363
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	13	100	239	123	165	53	19	84
	1992	48	69	197	93	255	21	18	120
	$1,000, 1997	17	1 068	671	307	724	137	14	132
	1992	74	223	371	132	647	77	7	122
Interest	farms, 1997	41	127	289	95	221	90	32	164
	1992	43	182	344	154	322	86	36	214
	$1,000, 1997	217	1 736	2 813	544	2 463	1 056	176	1 103
	1992	190	1 607	2 224	978	2 556	620	106	1 079
Interest paid on debt:									
Secured by real estate	farms, 1997	29	77	206	42	156	74	24	122
	1992	34	144	269	98	275	78	33	153
	$1,000, 1997	102	764	1 775	287	1 723	612	125	851
	1992	147	1 093	1 561	735	1 735	417	85	702
Not secured by real estate	farms, 1997	29	77	160	71	130	49	20	79
	1992	24	88	157	89	153	25	12	134
	$1,000, 1997	115	972	1 039	256	740	444	51	252
	1992	44	514	663	243	821	203	20	377
Cash rent	farms, 1997	16	81	222	108	123	94	26	131
	1992	27	116	204	91	160	94	30	134
	$1,000, 1997	50	645	975	1 112	1 066	324	27	421
	1992	78	645	1 111	1 122	1 031	214	34	389
Property taxes paid	farms, 1997	98	390	632	507	562	256	92	482
	1992	109	393	654	436	568	260	94	453
	$1,000, 1997	93	1 043	1 618	1 769	1 357	503	132	1 079
	1992	231	1 558	2 394	1 957	2 074	840	170	1 269
All other farm production expenses	farms, 1997	92	320	563	469	549	228	83	428
	1992	96	345	593	451	558	227	86	377
	$1,000, 1997	340	4 289	4 870	5 275	4 298	2 124	237	1 953
	1992	341	3 077	3 795	2 698	4 406	1 652	238	2 045

Table 3. **Farm Production Expenses: 1997 and 1992** —Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Total farm production expenses ..... farms, 1997..	80	139	1 293	295	36	1 163	938	793
1992..	76	134	1 368	278	36	1 295	988	855
$1,000, 1997..	1 463	3 179	243 970	8 262	320	65 020	29 955	61 648
1992..	1 709	2 798	196 812	10 512	278	60 352	32 785	57 800
Average per farm ..... dollars, 1997..	18 291	22 871	188 685	28 005	8 894	55 907	31 934	77 740
1992..	22 491	20 884	143 868	37 812	7 734	46 604	33 183	67 602
Livestock and poultry purchased ..... farms, 1997..	36	34	368	86	8	169	219	230
1992..	41	35	510	95	11	216	285	352
$1,000, 1997..	112	292	15 198	444	30	958	1 426	2 135
1992..	189	332	17 208	653	13	1 618	2 264	2 315
Feed for livestock and poultry ..... farms, 1997..	56	62	609	119	17	212	341	339
1992..	59	69	671	146	15	308	380	507
$1,000, 1997..	401	334	71 819	526	24	2 054	2 533	6 110
1992..	433	331	51 970	961	(D)	1 932	2 659	6 514
Commercially mixed formula feeds ..... farms, 1997..	38	33	473	74	9	124	168	215
1992..	27	31	320	51	7	134	185	280
$1,000, 1997..	181	194	61 317	216	6	1 143	1 395	2 503
1992..	142	230	42 540	408	5	628	1 558	2 407
Seeds, bulbs, plants, and trees ..... farms, 1997..	40	92	775	150	16	959	545	569
1992..	44	74	896	209	7	1 036	702	641
$1,000, 1997..	37	102	12 456	603	6	5 823	2 607	3 949
1992..	40	107	10 168	500	8	4 620	2 255	2 906
Commercial fertilizer ..... farms, 1997..	45	95	900	192	18	951	583	582
1992..	47	85	1 093	231	17	1 095	716	592
$1,000, 1997..	132	244	4 967	1 049	17	10 523	3 818	8 230
1992..	103	193	4 618	880	9	9 021	3 630	6 757
Agricultural chemicals ..... farms, 1997..	32	67	836	108	11	917	518	572
1992..	41	62	1 121	175	16	1 090	686	589
$1,000, 1997..	42	128	6 036	495	6	7 334	2 880	5 518
1992..	57	96	4 471	753	12	5 795	2 373	4 776
Petroleum products ..... farms, 1997..	74	131	1 233	274	34	1 106	853	664
1992..	67	116	1 324	270	34	1 255	977	825
$1,000, 1997..	76	207	7 486	675	35	4 237	1 801	3 062
1992..	94	172	6 936	778	(D)	4 112	2 137	3 082
Gasoline and gasohol ..... farms, 1997..	58	114	1 010	207	30	914	593	546
1992..	64	104	1 062	239	26	1 174	843	712
$1,000, 1997..	33	67	1 546	181	16	1 211	447	693
1992..	43	71	1 297	296	(D)	1 359	579	710
Diesel fuel ..... farms, 1997..	42	97	845	207	22	808	659	472
1992..	40	69	854	192	16	973	717	464
$1,000, 1997..	31	89	1 804	306	13	1 991	846	1 524
1992..	37	77	1 663	394	(D)	1 862	957	1 465
Natural gas ..... farms, 1997..	4	8	170	24	1	60	22	29
1992..	1	–	147	8	3	55	36	25
$1,000, 1997..	2	3	3 200	71	(D)	315	98	144
1992..	(D)	–	2 982	(D)	(D)	273	199	91
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms, 1997..	49	107	878	170	26	920	626	544
1992..	55	89	995	213	31	1 106	816	663
$1,000, 1997..	11	48	935	117	(D)	720	410	700
1992..	(D)	24	994	(D)	10	619	402	816
Electricity ..... farms, 1997..	60	108	1 027	227	26	804	518	501
1992..	67	117	1 097	238	23	985	737	596
$1,000, 1997..	47	78	4 005	258	9	870	452	1 372
1992..	40	77	3 168	348	7	771	660	1 016
Hired farm labor ..... farms, 1997..	16	41	592	82	5	287	152	219
1992..	31	41	639	148	8	435	217	253
$1,000, 1997..	48	311	45 110	782	(D)	4 924	2 839	4 486
1992..	127	230	41 739	1 527	14	4 587	2 573	4 147
Contract labor ..... farms, 1997..	1	10	186	42	–	89	53	46
1992..	2	6	146	9	1	138	37	63
$1,000, 1997..	(D)	21	6 979	30	–	312	80	698
1992..	(D)	6	3 270	31	(D)	254	62	404
Repair and maintenance ..... farms, 1997..	63	119	1 140	238	24	1 005	748	578
1992..	67	116	1 242	263	24	1 137	880	745
$1,000, 1997..	158	423	9 909	740	60	6 370	2 885	4 863
1992..	138	254	7 798	844	28	5 722	2 774	3 971
Customwork, machine hire, and rental of machinery and equipment ..... farms, 1997..	13	22	524	77	3	400	195	315
1992..	16	10	525	84	5	395	322	356
$1,000, 1997..	(D)	105	2 807	99	2	1 158	643	2 757
1992..	(D)	4	2 022	142	3	1 073	775	1 840
Interest ..... farms, 1997..	30	50	635	99	8	566	271	373
1992..	35	35	623	96	13	606	470	495
$1,000, 1997..	111	213	10 511	877	20	5 391	1 316	5 336
1992..	147	221	8 272	726	20	5 187	2 450	5 876
Interest paid on debt:								
Secured by real estate ..... farms, 1997..	17	37	479	92	6	417	187	250
1992..	26	23	441	57	8	457	352	378
$1,000, 1997..	71	136	7 479	554	(D)	3 687	825	3 395
1992..	118	152	5 992	390	11	3 583	1 559	3 749
Not secured by real estate ..... farms, 1997..	20	28	318	44	4	331	144	230
1992..	20	24	309	60	5	353	260	299
$1,000, 1997..	39	76	3 032	323	(D)	1 704	492	1 941
1992..	29	68	2 280	335	8	1 604	890	2 127
Cash rent ..... farms, 1997..	20	29	341	63	1	389	271	321
1992..	20	26	483	118	3	406	332	273
$1,000, 1997..	24	94	6 456	486	(D)	6 515	2 000	5 687
1992..	28	96	4 715	467	1	4 596	1 698	5 651
Property taxes paid ..... farms, 1997..	76	137	1 241	295	35	1 063	905	707
1992..	72	129	1 298	278	35	1 221	955	808
$1,000, 1997..	100	267	4 224	428	52	3 233	1 853	2 281
1992..	140	349	6 175	784	63	5 984	2 921	3 841
All other farm production expenses ..... farms, 1997..	71	133	1 205	251	32	1 061	825	737
1992..	74	113	1 287	248	26	1 183	926	800
$1,000, 1997..	153	361	36 008	769	48	5 320	2 820	5 162
1992..	158	331	24 280	1 118	48	5 078	3 555	4 704

Table 3. **Farm Production Expenses: 1997 and 1992** —Con.

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

Item		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Total farm production expenses	farms, 1997	1 447	45	917	1 142	1 059	1 031	305	252
	1992	1 434	49	1 087	1 128	1 162	1 057	303	177
	$1,000, 1997	102 825	992	37 260	83 841	78 805	50 013	20 920	6 715
	1992	94 707	1 298	38 226	79 039	70 840	49 962	17 863	3 547
Average per farm	dollars, 1997	71 061	22 043	40 632	73 416	74 414	48 509	68 592	26 645
	1992	66 044	26 481	35 166	70 070	60 964	47 267	58 954	20 042
Livestock and poultry purchased	farms, 1997	422	13	162	195	140	270	51	61
	1992	465	17	252	319	197	323	47	73
	$1,000, 1997	4 749	58	810	2 622	1 481	4 127	281	621
	1992	4 537	129	1 198	3 615	1 715	4 657	232	338
Feed for livestock and poultry	farms, 1997	591	25	273	318	318	394	72	109
	1992	713	33	358	448	380	605	113	101
	$1,000, 1997	13 662	130	2 719	4 301	5 405	4 078	607	901
	1992	10 383	183	2 839	5 826	5 786	5 913	576	688
Commercially mixed formula feeds	farms, 1997	430	13	172	137	229	256	37	83
	1992	394	18	170	175	192	265	71	32
	$1,000, 1997	6 861	13	1 431	2 098	3 000	2 446	272	759
	1992	5 395	41	1 308	3 217	3 157	2 119	342	229
Seeds, bulbs, plants, and trees	farms, 1997	941	26	717	786	496	664	112	93
	1992	1 151	21	850	904	541	660	136	62
	$1,000, 1997	6 326	35	3 086	7 050	5 769	3 397	2 803	281
	1992	6 112	70	2 475	4 998	3 933	2 578	1 111	120
Commercial fertilizer	farms, 1997	993	25	690	847	710	692	109	128
	1992	1 167	24	867	883	899	682	173	70
	$1,000, 1997	11 929	78	5 336	12 013	4 713	5 539	817	354
	1992	12 207	78	5 227	10 199	4 333	4 267	408	241
Agricultural chemicals	farms, 1997	898	20	671	709	647	595	114	89
	1992	1 061	33	876	793	986	693	149	88
	$1,000, 1997	7 382	39	3 993	7 071	6 948	3 507	402	213
	1992	5 929	40	3 213	5 074	5 743	2 400	246	115
Petroleum products	farms, 1997	1 358	40	896	1 088	986	980	238	237
	1992	1 355	48	1 050	1 078	1 092	968	282	151
	$1,000, 1997	5 463	62	2 458	5 040	3 867	2 673	1 495	404
	1992	5 711	77	2 831	4 741	3 664	2 955	1 424	173
Gasoline and gasohol	farms, 1997	967	35	736	908	835	830	200	195
	1992	1 091	45	958	951	919	802	193	115
	$1,000, 1997	1 035	21	518	1 115	1 198	704	231	124
	1992	1 272	41	1 016	1 379	1 075	763	179	58
Diesel fuel	farms, 1997	1 085	27	728	775	715	664	147	160
	1992	1 176	27	798	796	639	689	156	95
	$1,000, 1997	2 966	34	1 148	2 644	1 435	1 093	327	171
	1992	2 947	26	1 236	2 221	1 354	1 239	173	63
Natural gas	farms, 1997	44	1	36	47	55	54	45	2
	1992	78	–	27	53	24	41	44	–
	$1,000, 1997	244	(D)	109	191	453	257	795	(D)
	1992	208	–	46	190	371	316	887	–
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	1 068	33	660	850	706	684	188	163
	1992	1 193	39	836	837	819	747	170	100
	$1,000, 1997	1 218	(D)	682	1 089	781	620	141	(D)
	1992	1 284	9	532	951	864	637	185	51
Electricity	farms, 1997	1 044	34	571	768	813	704	160	154
	1992	1 204	39	866	907	822	829	217	120
	$1,000, 1997	2 043	29	629	1 053	1 509	1 021	395	152
	1992	2 292	36	727	1 440	1 325	1 215	499	94
Hired farm labor	farms, 1997	435	20	260	405	446	289	120	60
	1992	512	18	274	411	553	295	93	47
	$1,000, 1997	8 297	119	2 717	7 821	17 191	5 459	5 460	979
	1992	7 057	220	1 569	6 403	15 207	5 324	5 459	225
Contract labor	farms, 1997	97	5	53	60	192	88	21	34
	1992	140	4	67	115	192	110	21	14
	$1,000, 1997	1 703	2	98	200	1 204	222	702	206
	1992	612	(D)	87	488	1 664	163	117	13
Repair and maintenance	farms, 1997	1 205	42	800	949	894	882	240	192
	1992	1 281	41	1 039	998	951	927	233	134
	$1,000, 1997	9 266	122	3 834	7 021	5 533	4 236	1 595	567
	1992	8 223	97	4 293	6 470	4 960	3 747	999	298
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	464	12	241	395	347	339	67	47
	1992	587	14	322	388	398	432	30	25
	$1,000, 1997	1 978	15	485	2 941	2 358	682	351	31
	1992	1 448	(D)	521	1 599	2 339	639	66	11
Interest	farms, 1997	666	20	386	542	423	335	105	83
	1992	808	21	514	554	487	435	82	60
	$1,000, 1997	8 094	86	2 687	6 917	5 080	3 237	853	266
	1992	7 777	76	3 123	7 467	4 409	3 299	502	238
Interest paid on debt:									
Secured by real estate	farms, 1997	482	12	278	387	287	225	61	57
	1992	620	12	442	449	380	315	60	47
	$1,000, 1997	5 513	60	1 688	4 523	2 967	2 170	456	172
	1992	5 587	49	2 385	5 462	3 208	2 367	340	152
Not secured by real estate	farms, 1997	405	14	259	315	297	200	56	40
	1992	534	16	269	294	259	242	38	22
	$1,000, 1997	2 581	26	999	2 394	2 114	1 067	397	94
	1992	2 190	27	739	2 005	1 201	932	162	86
Cash rent	farms, 1997	468	18	258	364	260	300	58	27
	1992	655	13	385	445	297	313	55	28
	$1,000, 1997	6 730	39	2 394	8 606	3 783	2 834	1 011	143
	1992	6 516	14	1 839	8 641	3 626	2 417	459	94
Property taxes paid	farms, 1997	1 380	45	869	1 068	1 023	959	268	246
	1992	1 274	47	998	1 065	1 105	969	256	171
	$1,000, 1997	4 170	80	2 067	3 634	2 973	3 321	858	497
	1992	5 817	94	4 364	4 865	3 486	5 085	1 085	419
All other farm production expenses	farms, 1997	1 296	40	861	1 038	916	930	246	217
	1992	1 338	47	1 013	1 006	1 070	971	296	146
	$1,000, 1997	11 033	98	3 947	7 552	10 992	5 680	3 292	1 098
	1992	10 087	162	3 919	7 214	8 651	5 304	4 680	481

USDA, National Agricultural Statistics Service

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
NET CASH RETURN[1]							
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	46 040	207	60	1 335	411	261	324
1992..	46 558	208	58	1 468	378	247	276
$1,000, 1997..	686 891	822	318	27 169	190	4 267	6 944
1992..	431 005	357	96	27 848	196	3 630	4 566
Average per farm ..... dollars, 1997..	14 919	3 971	5 294	20 352	461	16 348	21 432
1992..	9 257	1 715	1 649	18 970	520	14 695	16 543
Farms with net gains[2] ..... number, 1997..	21 612	92	33	611	145	113	154
1992..	19 843	94	23	616	131	101	158
$1,000, 1997..	883 034	1 389	598	38 520	1 945	5 064	7 796
1992..	634 583	1 036	347	34 006	1 393	4 738	5 452
Average per farm ..... dollars, 1997..	40 859	15 100	18 121	63 045	13 416	44 810	50 625
1992..	31 980	11 024	15 096	55 204	10 633	46 906	34 506
Farms with net losses ..... number, 1997..	24 428	115	27	724	266	148	170
1992..	26 715	114	35	852	247	146	118
$1,000, 1997..	196 143	567	280	11 351	1 756	797	852
1992..	203 578	679	252	6 158	1 197	1 108	886
Average per farm ..... dollars, 1997..	8 029	4 931	10 383	15 678	6 600	5 384	5 013
1992..	7 620	5 960	7 187	7 227	4 844	7 588	7 511
GOVERNMENT PAYMENTS							
Total received ..... farms, 1997..	18 851	70	14	417	129	79	243
1992..	15 862	57	10	414	112	88	152
$1,000, 1997..	92 806	149	18	2 296	274	252	1 029
1992..	91 610	219	42	2 543	425	355	750
Average per farm ..... dollars, 1997..	4 923	2 124	1 321	5 507	2 128	3 191	4 234
1992..	5 775	3 840	4 231	6 143	3 796	4 035	4 934
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	5 253	22	1	87	23	24	114
1992..	2 641	24	–	65	20	20	35
$1,000, 1997..	16 056	44	(D)	189	21	44	437
1992..	7 019	37	–	129	43	45	113
Average per farm ..... dollars, 1997..	3 056	1 999	(D)	2 176	928	1 830	3 835
1992..	2 658	1 531	–	1 987	2 164	2 263	3 226
OTHER FARM-RELATED INCOME[1]							
Gross before taxes and expenses ..... farms, 1997..	11 609	47	20	466	64	81	74
1992..	11 274	29	21	412	52	59	49
$1,000, 1997..	61 699	93	109	2 418	102	435	270
1992..	52 101	87	95	1 874	89	381	152
Average per farm ..... dollars, 1997..	5 315	1 976	5 426	5 188	1 592	5 373	3 652
1992..	4 621	3 007	4 505	4 550	1 721	6 462	3 093
Customwork and other agricultural services .... farms, 1997..	3 312	14	10	138	9	20	17
1992..	3 903	6	5	113	4	20	2
$1,000, 1997..	22 647	45	24	959	(D)	142	64
1992..	23 737	6	(D)	706	(D)	231	(D)
Rental of farmland ..... farms, 1997..	4 372	22	5	173	33	12	43
1992..	3 841	1	5	190	33	2	27
$1,000, 1997..	19 279	27	(D)	871	51	37	192
1992..	11 651	(D)	10	657	49	(D)	127
Sales of forest products, excluding Christmas trees and maple products[3] ..... farms, 1997..	1 494	6	6	33	1	33	4
1992..	1 662	19	10	48	12	24	16
$1,000, 1997..	10 013	14	61	233	(D)	215	2
1992..	9 036	77	67	77	(D)	109	14
Other farm-related income sources ..... farms, 1997..	4 791	7	2	267	29	35	20
1992..	3 945	3	6	193	11	31	13
$1,000, 1997..	9 761	7	(D)	354	18	41	12
1992..	7 677	(D)	(D)	435	8	(D)	(D)
DIRECT SALES							
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 1997..	4 339	16	12	137	47	51	18
1992..	4 019	13	8	138	37	33	20
$1,000, 1997..	28 720	45	57	853	92	451	79
1992..	21 093	20	30	473	93	135	53
Average per farm ..... dollars, 1997..	6 619	2 810	4 742	6 224	1 950	8 838	4 390
1992..	5 248	1 515	3 691	3 426	2 513	4 098	2 660
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms, 1997..	1 587	3	–	57	6	2	14
1992..	2 014	2	–	71	6	5	23
$1,000, 1997..	51 618	(D)	–	4 629	140	(D)	189
1992..	43 087	(D)	–	2 901	51	28	361
Corn ..... farms, 1997..	1 322	3	–	50	6	2	13
1992..	1 543	–	–	65	4	3	20
$1,000, 1997..	33 325	(D)	–	3 174	129	(D)	173
1992..	31 569	–	–	2 567	(D)	(D)	286
Wheat ..... farms, 1997..	377	–	–	6	1	–	2
1992..	581	2	–	6	–	–	6
$1,000, 1997..	2 101	–	–	(D)	(D)	–	(D)
1992..	2 367	(D)	–	(D)	–	–	(D)
Soybeans ..... farms, 1997..	489	–	–	18	–	–	3
1992..	383	–	–	7	–	–	4
$1,000, 1997..	16 104	–	–	1 433	–	–	(D)
1992..	8 293	–	–	292	–	–	53

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
NET CASH RETURN[1]							
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	54	881	730	140	1 183	980	1 085
1992..	57	833	794	120	1 313	935	1 081
$1,000, 1997..	208	5 201	12 860	1 618	17 820	17 018	7 349
1992..	248	2 250	11 428	338	8 423	9 944	5 799
Average per farm ..... dollars, 1997..	3 859	5 904	17 617	11 556	15 063	17 365	6 773
1992..	4 349	2 701	14 392	2 814	6 415	10 635	5 365
Farms with net gains[2] ..... number, 1997..	27	344	396	56	650	478	460
1992..	28	270	454	43	600	379	451
$1,000, 1997..	317	8 512	15 399	2 176	22 096	20 296	11 702
1992..	380	7 104	15 228	911	12 884	13 044	10 410
Average per farm ..... dollars, 1997..	11 737	24 744	38 886	38 866	33 993	42 460	25 438
1992..	13 586	26 312	33 542	21 182	21 473	34 417	23 082
Farms with net losses ..... number, 1997..	27	537	334	84	533	502	625
1992..	29	563	340	77	713	556	630
$1,000, 1997..	108	3 311	2 538	559	4 275	3 278	4 353
1992..	133	4 854	3 800	573	4 461	3 100	4 611
Average per farm ..... dollars, 1997..	4 018	6 166	7 600	6 651	8 022	6 531	6 965
1992..	4 569	8 622	11 177	7 444	6 257	5 576	7 318
GOVERNMENT PAYMENTS							
Total received ..... farms, 1997..	16	400	367	20	339	580	546
1992..	15	289	272	43	363	477	478
$1,000, 1997..	7	1 863	1 699	40	1 307	4 125	3 020
1992..	28	2 030	1 555	160	1 957	3 555	2 843
Average per farm ..... dollars, 1997..	435	4 656	4 630	2 006	3 856	7 111	5 531
1992..	1 876	7 023	5 716	3 724	5 391	7 453	5 948
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	–	218	70	2	96	269	179
1992..	3	115	33	2	50	113	101
$1,000, 1997..	–	775	206	(D)	238	906	590
1992..	5	500	149	(D)	84	371	336
Average per farm ..... dollars, 1997..	–	3 555	2 936	(D)	2 481	3 369	3 295
1992..	1 693	4 348	4 530	(D)	1 689	3 282	3 330
OTHER FARM-RELATED INCOME[1]							
Gross before taxes and expenses ..... farms, 1997..	14	236	130	39	368	272	243
1992..	11	182	177	35	456	221	188
$1,000, 1997..	31	899	630	349	2 479	1 158	1 315
1992..	40	1 242	923	412	1 650	1 043	539
Average per farm ..... dollars, 1997..	2 239	3 808	4 844	8 947	6 735	4 258	5 410
1992..	3 640	6 826	5 215	11 782	3 619	4 719	2 867
Customwork and other agricultural services .... farms, 1997..	3	67	45	13	120	43	63
1992..	3	47	86	17	130	108	63
$1,000, 1997..	(D)	317	252	80	1 248	170	401
1992..	13	801	621	114	776	558	260
Rental of farmland ..... farms, 1997..	3	115	66	3	142	132	104
1992..	3	66	89	5	186	76	59
$1,000, 1997..	(D)	320	241	(D)	396	668	558
1992..	1	164	271	(D)	303	398	143
Sales of forest products, excluding Christmas trees and maple products[3] ..... farms, 1997..	6	39	5	19	33	13	33
1992..	2	24	9	12	51	11	33
$1,000, 1997..	15	130	29	250	136	157	238
1992..	(D)	58	7	258	74	28	98
Other farm-related income sources ..... farms, 1997..	5	80	24	11	155	129	63
1992..	3	59	6	7	219	72	50
$1,000, 1997..	6	133	108	(D)	700	164	117
1992..	(D)	219	24	(D)	497	59	38
DIRECT SALES							
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 1997..	2	62	64	20	220	63	62
1992..	5	69	64	19	200	43	52
$1,000, 1997..	(D)	273	1 338	76	1 672	190	243
1992..	3	121	484	59	1 430	69	313
Average per farm ..... dollars, 1997..	(D)	4 408	20 913	3 786	7 600	3 018	3 925
1992..	609	1 755	7 560	3 123	7 148	1 599	6 025
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms, 1997..	–	31	42	–	31	51	41
1992..	–	41	37	1	27	55	62
$1,000, 1997..	–	909	1 268	–	1 207	2 150	1 529
1992..	–	750	799	(D)	954	1 560	1 079
Corn ..... farms, 1997..	–	26	37	–	26	41	34
1992..	–	34	34	–	17	52	54
$1,000, 1997..	–	430	1 173	–	866	1 524	910
1992..	–	673	669	–	667	1 391	1 002
Wheat ..... farms, 1997..	–	4	8	–	3	8	9
1992..	–	5	3	–	4	6	19
$1,000, 1997..	–	95	(D)	–	(D)	3	9
1992..	–	(D)	(D)	–	(D)	13	15
Soybeans ..... farms, 1997..	–	10	10	–	14	23	16
1992..	–	8	5	–	12	11	8
$1,000, 1997..	–	384	43	–	(D)	623	610
1992..	–	54	88	–	275	155	62

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
NET CASH RETURN[1]							
Net cash return from agricultural sales for the farm unit (see text) ... farms, 1997	700	187	209	319	350	1 126	27
1992	735	195	170	333	292	1 207	17
$1,000, 1997	11 472	863	1 658	1 431	1 822	20 444	–117
1992	11 441	10	66	1 963	1 596	10 617	(D)
Average per farm ... dollars, 1997	16 389	4 617	7 932	4 486	5 205	18 156	–4 351
1992	15 566	49	390	5 895	5 467	8 796	(D)
Farms with net gains[2] ... number, 1997	310	76	94	138	153	555	7
1992	313	61	47	136	138	589	3
$1,000, 1997	14 081	1 293	2 276	2 646	2 868	25 405	14
1992	14 531	694	741	2 980	2 298	14 979	(D)
Average per farm ... dollars, 1997	45 422	17 016	24 213	19 176	18 745	45 775	2 038
1992	46 423	11 375	15 757	21 909	16 651	25 430	(D)
Farms with net losses ... number, 1997	390	111	115	181	197	571	20
1992	422	134	123	197	154	618	14
$1,000, 1997	2 608	430	618	1 215	1 046	4 961	132
1992	3 089	684	674	1 016	701	4 362	80
Average per farm ... dollars, 1997	6 688	3 872	5 376	6 713	5 311	8 689	6 588
1992	7 320	5 107	5 482	5 160	4 555	7 058	5 687
GOVERNMENT PAYMENTS							
Total received ... farms, 1997	381	48	47	68	119	607	–
1992	303	36	43	69	90	566	2
$1,000, 1997	2 178	111	86	118	302	2 683	–
1992	2 020	70	166	282	320	2 257	(D)
Average per farm ... dollars, 1997	5 716	2 312	1 832	1 728	2 536	4 420	–
1992	6 668	1 934	3 850	4 091	3 557	3 988	(D)
Amount from Conservation Reserve and Wetlands Reserve Programs ... farms, 1997	74	13	8	4	31	157	–
1992	38	7	6	3	17	106	–
$1,000, 1997	174	36	13	7	75	378	–
1992	59	7	14	(D)	29	179	–
Average per farm ... dollars, 1997	2 351	2 800	1 629	1 675	2 427	2 407	–
1992	1 540	1 049	2 261	(D)	1 731	1 693	–
OTHER FARM-RELATED INCOME[1]							
Gross before taxes and expenses ... farms, 1997	195	57	45	41	64	321	7
1992	197	33	50	63	60	250	3
$1,000, 1997	1 481	174	90	126	359	1 524	27
1992	700	48	218	126	118	954	7
Average per farm ... dollars, 1997	7 594	3 044	1 998	3 063	5 604	4 749	3 861
1992	3 552	1 463	4 360	2 006	1 974	3 816	2 330
Customwork and other agricultural services ... farms, 1997	70	19	14	18	24	117	2
1992	91	9	15	30	19	95	3
$1,000, 1997	260	85	13	20	179	494	(D)
1992	271	1	68	42	49	432	7
Rental of farmland ... farms, 1997	92	16	8	3	25	143	2
1992	54	17	5	2	23	105	–
$1,000, 1997	430	22	7	2	28	640	(D)
1992	154	14	2	(D)	25	245	–
Sales of forest products, excluding Christmas trees and maple products[3] ... farms, 1997	43	8	11	15	9	15	3
1992	40	8	20	19	8	36	–
$1,000, 1997	637	53	45	70	132	25	23
1992	137	30	123	77	11	139	–
Other farm-related income sources ... farms, 1997	55	28	13	19	13	83	2
1992	80	16	21	14	13	61	–
$1,000, 1997	154	13	24	33	20	366	(D)
1992	138	3	26	(D)	34	138	–
DIRECT SALES							
Value of agricultural products sold directly to individuals for human consumption (see text) ... farms, 1997	63	18	19	30	28	73	6
1992	70	22	20	27	15	55	4
$1,000, 1997	233	95	49	72	28	352	7
1992	440	46	33	76	14	194	4
Average per farm ... dollars, 1997	3 702	5 256	2 586	2 406	983	4 816	1 248
1992	6 283	2 081	1 663	2 828	921	3 522	971
COMMODITY CREDIT CORPORATION LOANS							
Total ... farms, 1997	49	–	3	2	5	67	–
1992	65	6	–	1	7	86	–
$1,000, 1997	1 319	–	(D)	(D)	44	1 726	–
1992	1 602	18	–	(D)	79	1 406	–
Corn ... farms, 1997	42	–	–	–	5	56	–
1992	52	1	–	–	3	62	–
$1,000, 1997	787	–	–	–	(D)	794	–
1992	1 122	(D)	–	–	69	707	–
Wheat ... farms, 1997	5	–	1	–	1	16	–
1992	7	–	–	–	2	31	–
$1,000, 1997	30	–	(D)	–	(D)	(D)	–
1992	(D)	–	–	–	(D)	(D)	–
Soybeans ... farms, 1997	18	–	–	–	–	32	–
1992	21	–	–	–	–	26	–
$1,000, 1997	503	–	–	–	–	661	–
1992	465	–	–	–	–	591	–

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
NET CASH RETURN[1]							
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	251	116	1 061	207	798	424	48
1992..	236	98	1 069	188	798	400	50
$1,000, 1997..	1 999	435	9 120	963	1 425	1 843	–7
1992..	538	619	5 643	263	495	64	–16
Average per farm ..... dollars, 1997..	7 962	3 753	8 596	4 654	1 786	4 347	–154
1992..	2 282	6 319	5 279	1 399	621	161	–311
Farms with net gains[2] ..... number, 1997..	98	47	423	87	247	175	15
1992..	85	33	483	53	197	141	15
$1,000, 1997..	2 689	815	14 490	1 634	5 248	3 135	127
1992..	1 617	1 035	9 810	1 006	4 963	1 201	141
Average per farm ..... dollars, 1997..	27 438	17 333	34 255	18 781	21 247	17 915	8 478
1992..	19 029	31 360	20 311	18 975	25 191	8 514	9 390
Farms with net losses ..... number, 1997..	153	69	638	120	551	249	33
1992..	151	65	586	135	601	259	35
$1,000, 1997..	690	379	5 369	671	3 823	1 292	135
1992..	1 079	416	4 167	743	4 467	1 136	156
Average per farm ..... dollars, 1997..	4 512	5 497	8 416	5 588	6 938	5 188	4 078
1992..	7 146	6 394	7 110	5 501	7 433	4 387	4 468
GOVERNMENT PAYMENTS							
Total received ..... farms, 1997..	63	35	501	32	212	173	3
1992..	49	30	387	35	188	135	2
$1,000, 1997..	141	108	2 848	76	1 136	515	(Z)
1992..	168	107	2 293	105	1 419	361	(D)
Average per farm ..... dollars, 1997..	2 237	3 096	5 685	2 380	5 357	2 977	11
1992..	3 433	3 577	5 924	2 990	7 548	2 671	(D)
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	7	6	205	3	28	76	–
1992..	3	6	80	4	18	44	–
$1,000, 1997..	17	21	765	6	92	239	–
1992..	(D)	10	253	5	17	98	–
Average per farm ..... dollars, 1997..	2 430	3 455	3 730	1 983	3 281	3 142	–
1992..	(D)	1 749	3 166	1 334	964	2 224	–
OTHER FARM-RELATED INCOME[1]							
Gross before taxes and expenses ..... farms, 1997..	58	21	330	47	153	78	6
1992..	24	36	266	43	188	74	15
$1,000, 1997..	179	162	788	113	437	157	24
1992..	151	102	1 179	234	728	106	96
Average per farm ..... dollars, 1997..	3 082	7 711	2 389	2 413	2 856	2 017	4 068
1992..	6 294	2 841	4 433	5 433	3 871	1 434	6 422
Customwork and other agricultural services .... farms, 1997..	20	5	70	14	45	35	3
1992..	2	10	91	25	56	29	8
$1,000, 1997..	8	5	295	(D)	43	100	13
1992..	(D)	9	419	(D)	160	45	58
Rental of farmland ..... farms, 1997..	14	5	102	2	84	31	–
1992..	1	11	91	–	100	42	4
$1,000, 1997..	32	8	136	(D)	250	36	–
1992..	(D)	49	378	–	167	47	(D)
Sales of forest products, excluding Christmas trees and maple products[3] ..... farms, 1997..	21	15	24	22	10	12	1
1992..	19	16	53	24	42	5	6
$1,000, 1997..	125	139	129	69	4	2	(D)
1992..	136	39	265	118	341	7	19
Other farm-related income sources ..... farms, 1997..	15	7	204	17	37	18	4
1992..	5	6	119	12	26	13	3
$1,000, 1997..	14	10	228	26	140	20	(D)
1992..	6	5	117	(D)	59	7	(D)
DIRECT SALES							
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 1997..	38	12	70	39	93	50	5
1992..	36	8	59	24	97	40	5
$1,000, 1997..	200	19	137	148	923	117	3
1992..	188	11	109	65	821	78	34
Average per farm ..... dollars, 1997..	5 276	1 586	1 954	3 795	9 926	2 332	610
1992..	5 218	1 319	1 848	2 710	8 463	1 952	6 812
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms, 1997..	1	1	29	1	19	11	–
1992..	1	1	38	2	28	7	–
$1,000, 1997..	(D)	(D)	1 573	(D)	460	155	–
1992..	(D)	(D)	1 183	(D)	640	61	–
Corn ..... farms, 1997..	1	1	25	1	13	10	–
1992..	–	–	35	2	21	5	–
$1,000, 1997..	(D)	(D)	982	(D)	314	142	–
1992..	–	–	911	(D)	492	45	–
Wheat ..... farms, 1997..	–	–	11	–	4	4	–
1992..	–	–	10	–	7	5	–
$1,000, 1997..	–	–	61	–	2	12	–
1992..	–	–	(D)	–	(D)	(D)	–
Soybeans ..... farms, 1997..	–	–	13	–	6	–	–
1992..	–	–	6	–	7	–	–
$1,000, 1997..	–	–	529	–	144	–	–
1992..	–	–	187	–	119	–	–

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	415	873	1 234	128	1 184	826	1 006	237
1992..	409	914	1 018	138	1 324	837	1 006	207
$1,000, 1997..	4 197	24 262	15 293	234	40 916	4 868	11 447	1 220
1992..	1 944	18 438	5 676	262	26 458	3 779	8 789	833
Average per farm ..... dollars, 1997..	10 112	27 792	12 393	1 831	34 558	5 893	11 379	5 150
1992..	4 754	20 173	5 576	1 898	19 984	4 515	8 737	4 026
Farms with net gains[2] ..... number, 1997..	230	533	518	65	761	357	420	97
1992..	191	618	451	49	807	273	452	75
$1,000, 1997..	5 451	26 862	18 563	573	45 592	13 614	15 820	1 793
1992..	3 790	21 454	9 912	622	32 945	9 440	13 067	1 525
Average per farm ..... dollars, 1997..	23 700	50 398	35 836	8 811	59 911	38 135	37 668	18 484
1992..	19 842	34 716	21 977	12 694	40 824	34 579	28 909	20 333
Farms with net losses ..... number, 1997..	185	340	716	63	423	469	586	140
1992..	218	296	567	89	517	564	554	132
$1,000, 1997..	1 254	2 600	3 270	338	4 676	8 746	4 374	572
1992..	1 845	3 016	4 236	360	6 487	5 661	4 278	692
Average per farm ..... dollars, 1997..	6 780	7 647	4 567	5 371	11 055	18 649	7 464	4 089
1992..	8 465	10 189	7 470	4 047	12 547	10 038	7 722	5 239
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	92	541	803	26	798	242	562	101
1992..	77	465	478	29	762	242	480	87
$1,000, 1997..	332	2 795	4 398	28	4 882	1 711	2 969	243
1992..	341	2 845	2 940	70	5 514	1 721	2 612	315
Average per farm ..... dollars, 1997..	3 611	5 166	5 477	1 093	6 118	7 071	5 283	2 408
1992..	4 426	6 119	6 150	2 417	7 237	7 113	5 442	3 622
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	17	179	470	5	214	27	156	29
1992..	10	104	169	4	105	25	84	16
$1,000, 1997..	36	532	1 779	9	767	142	504	46
1992..	15	247	622	9	362	61	206	60
Average per farm ..... dollars, 1997..	2 120	2 972	3 785	1 742	3 585	5 249	3 231	1 585
1992..	1 481	2 376	3 679	2 175	3 452	2 441	2 447	3 777
OTHER FARM-RELATED INCOME[1]								
Gross before taxes and expenses ..... farms, 1997..	114	223	261	18	512	216	309	81
1992..	130	314	195	19	457	175	203	53
$1,000, 1997..	538	1 160	1 637	72	3 109	977	1 441	139
1992..	562	1 155	1 082	115	4 185	580	759	203
Average per farm ..... dollars, 1997..	4 720	5 201	6 273	3 983	6 072	4 525	4 662	1 714
1992..	4 324	3 678	5 547	6 075	9 159	3 315	3 738	3 837
Customwork and other agricultural services .... farms, 1997..	26	81	71	8	121	59	61	29
1992..	52	126	96	3	144	55	68	22
$1,000, 1997..	354	408	743	21	1 377	259	296	37
1992..	346	446	476	(Z)	3 049	218	215	20
Rental of farmland ..... farms, 1997..	40	89	130	–	149	109	118	29
1992..	13	94	62	5	93	80	83	27
$1,000, 1997..	96	626	507	–	969	286	376	34
1992..	37	465	150	5	454	202	311	112
Sales of forest products, excluding Christmas trees and maple products[3] ..... farms, 1997..	14	8	52	9	15	37	70	22
1992..	22	12	28	11	–	13	16	7
$1,000, 1997..	72	10	313	41	25	240	627	22
1992..	74	18	410	80	–	42	84	20
Other farm-related income sources ..... farms, 1997..	51	82	59	5	417	80	116	10
1992..	72	136	33	6	324	48	77	6
$1,000, 1997..	16	116	74	9	738	193	142	46
1992..	105	226	45	30	683	117	148	51
DIRECT SALES								
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 1997..	69	64	57	25	38	65	75	23
1992..	49	53	65	22	36	62	89	21
$1,000, 1997..	258	183	160	156	350	298	280	108
1992..	188	168	132	72	110	114	240	68
Average per farm ..... dollars, 1997..	3 742	2 866	2 805	6 241	9 199	4 591	3 728	4 708
1992..	3 836	3 166	2 036	3 257	3 051	1 838	2 698	3 231
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms, 1997..	5	46	41	–	119	27	57	8
1992..	6	56	53	2	163	24	62	4
$1,000, 1997..	44	1 194	2 146	–	3 743	1 428	1 142	50
1992..	41	834	1 141	(D)	2 562	604	1 027	(D)
Corn ..... farms, 1997..	4	36	38	–	105	25	51	8
1992..	4	46	45	2	122	19	50	4
$1,000, 1997..	(D)	645	1 476	–	3 196	723	747	(D)
1992..	25	662	965	(D)	1 984	389	781	(D)
Wheat ..... farms, 1997..	2	5	12	–	40	8	19	1
1992..	4	14	14	–	103	7	30	–
$1,000, 1997..	(D)	(D)	47	–	354	48	(D)	(D)
1992..	16	(D)	(D)	–	554	(D)	116	–
Soybeans ..... farms, 1997..	–	20	12	–	13	9	9	–
1992..	–	10	15	–	3	5	7	–
$1,000, 1997..	–	(D)	623	–	170	656	320	–
1992..	–	154	160	–	6	109	125	–

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	86	912	988	696	139	1 136	5	125
1992..	75	883	1 041	745	79	1 189	3	102
$1,000, 1997..	135	12 770	2 778	30 526	976	27 844	–17	345
1992..	–19	7 622	3 022	14 667	(D)	19 863	(D)	–13
Average per farm ..... dollars, 1997..	1 568	14 002	2 812	43 859	7 020	24 510	–3 376	2 762
1992..	–254	8 632	2 903	19 687	(D)	16 705	(D)	–126
Farms with net gains[2] ..... number, 1997..	31	489	323	368	48	496	–	47
1992..	26	406	379	283	31	462	1	29
$1,000, 1997..	414	15 704	8 122	34 604	1 491	34 023	–	729
1992..	321	10 526	7 135	19 211	568	25 399	(D)	282
Average per farm ..... dollars, 1997..	13 346	32 115	25 147	94 032	31 062	68 595	–	15 512
1992..	12 362	25 926	18 827	67 883	18 332	54 976	(D)	9 730
Farms with net losses ..... number, 1997..	55	423	665	328	91	640	5	78
1992..	49	477	662	462	48	727	2	73
$1,000, 1997..	279	2 934	5 344	4 078	515	6 180	17	384
1992..	340	2 904	4 113	4 544	(D)	5 536	(D)	295
Average per farm ..... dollars, 1997..	5 070	6 937	8 037	12 433	5 661	9 656	3 376	4 921
1992..	6 948	6 088	6 213	9 835	(D)	7 615	(D)	4 042
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	15	501	413	230	39	373	–	30
1992..	22	332	355	180	31	295	1	19
$1,000, 1997..	34	1 795	1 976	1 598	89	1 670	–	62
1992..	41	1 488	2 146	1 468	125	1 565	(D)	38
Average per farm ..... dollars, 1997..	2 279	3 582	4 785	6 948	2 283	4 476	–	2 066
1992..	1 883	4 482	6 044	8 158	4 028	5 304	(D)	2 011
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	3	154	109	30	5	84	–	13
1992..	–	56	36	19	1	29	–	8
$1,000, 1997..	(Z)	482	286	79	12	216	–	29
1992..	–	230	57	57	(D)	42	–	16
Average per farm ..... dollars, 1997..	26	3 131	2 620	2 640	2 475	2 574	–	2 239
1992..	–	4 102	1 581	3 025	(D)	1 445	–	1 982
OTHER FARM-RELATED INCOME[1]								
Gross before taxes and expenses ..... farms, 1997..	26	237	215	185	17	341	1	24
1992..	15	206	175	174	17	306	1	16
$1,000, 1997..	64	609	876	1 738	73	1 351	(D)	303
1992..	49	428	632	766	65	1 596	(D)	72
Average per farm ..... dollars, 1997..	2 462	2 569	4 072	9 396	4 277	3 963	(D)	12 639
1992..	3 271	2 076	3 611	4 401	3 818	5 215	(D)	4 530
Customwork and other agricultural services .... farms, 1997..	10	75	50	65	4	87	1	9
1992..	6	65	78	60	4	117	1	2
$1,000, 1997..	37	264	270	666	39	279	(D)	(D)
1992..	7	168	412	287	6	862	(D)	(D)
Rental of farmland ..... farms, 1997..	2	71	102	56	4	125	–	5
1992..	4	87	81	20	5	90	–	–
$1,000, 1997..	(D)	171	289	442	(D)	463	–	12
1992..	11	111	116	60	7	227	–	–
Sales of forest products, excluding Christmas trees and maple products[3] ..... farms, 1997..	11	31	21	21	9	34	–	12
1992..	2	17	11	46	10	34	–	12
$1,000, 1997..	24	66	86	122	23	411	–	286
1992..	(D)	41	78	173	51	178	–	71
Other farm-related income sources ..... farms, 1997..	9	83	80	118	4	160	–	1
1992..	4	67	15	77	3	98	–	2
$1,000, 1997..	(D)	107	231	509	(D)	199	–	(D)
1992..	(D)	108	26	245	(Z)	328	–	(D)
DIRECT SALES								
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 1997..	9	41	94	66	15	130	1	10
1992..	7	46	87	60	14	135	–	7
$1,000, 1997..	44	198	723	608	58	2 013	(D)	13
1992..	8	143	589	232	48	791	–	16
Average per farm ..... dollars, 1997..	4 932	4 837	7 690	9 216	3 882	15 483	(D)	1 278
1992..	1 160	3 102	6 769	3 873	3 453	5 859	–	2 290
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms, 1997..	–	33	29	25	1	37	–	–
1992..	–	49	35	24	–	31	–	1
$1,000, 1997..	–	524	883	715	(D)	1 374	–	–
1992..	–	394	1 322	705	–	474	–	(D)
Corn ..... farms, 1997..	–	27	24	20	1	34	–	–
1992..	–	35	33	18	–	26	–	–
$1,000, 1997..	–	326	527	(D)	(D)	1 123	–	–
1992..	–	269	1 191	569	–	449	–	–
Wheat ..... farms, 1997..	–	7	6	2	–	5	–	–
1992..	–	17	5	5	–	5	–	–
$1,000, 1997..	–	(D)	(D)	(D)	–	(D)	–	–
1992..	–	20	15	30	–	4	–	–
Soybeans ..... farms, 1997..	–	7	9	10	–	10	–	–
1992..	–	7	5	7	–	1	–	–
$1,000, 1997..	–	190	332	364	–	235	–	–
1992..	–	87	116	103	–	(D)	–	–

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	1 023	371	1 316	635	31	72	521	286
1992..	1 120	374	1 260	682	31	70	556	251
$1,000, 1997..	9 254	7 146	22 137	3 335	1 278	129	10 056	1 489
1992..	4 568	5 694	11 133	3 120	172	579	5 762	138
Average per farm ..... dollars, 1997..	9 046	19 260	16 821	5 251	41 236	1 791	19 302	5 205
1992..	4 079	15 225	8 836	4 575	5 547	8 278	10 364	551
Farms with net gains[2] ..... number, 1997..	426	227	642	236	17	31	271	105
1992..	369	195	608	239	17	34	253	61
$1,000, 1997..	14 677	8 192	26 676	6 988	1 337	361	11 445	3 262
1992..	10 081	7 332	16 367	6 601	252	782	7 846	1 285
Average per farm ..... dollars, 1997..	34 454	36 087	41 551	29 609	78 621	11 658	42 231	31 063
1992..	27 320	37 602	26 920	27 620	14 804	22 996	31 010	21 068
Farms with net losses ..... number, 1997..	597	144	674	399	14	41	250	181
1992..	751	179	652	443	14	36	303	190
$1,000, 1997..	5 423	1 046	4 539	3 653	58	232	1 389	1 773
1992..	5 513	1 638	5 234	3 481	80	202	2 083	1 147
Average per farm ..... dollars, 1997..	9 084	7 265	6 734	9 156	4 161	5 670	5 554	9 795
1992..	7 341	9 152	8 028	7 858	5 694	5 622	6 876	6 036
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	300	65	756	146	3	13	132	67
1992..	311	97	576	165	2	6	106	81
$1,000, 1997..	1 754	128	5 389	661	(D)	29	536	103
1992..	1 857	417	4 628	1 194	(D)	28	513	236
Average per farm ..... dollars, 1997..	5 847	1 968	7 129	4 528	(D)	2 228	4 059	1 535
1992..	5 972	4 299	8 035	7 235	(D)	4 677	4 836	2 908
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	56	15	330	29	–	–	16	14
1992..	31	12	137	16	–	1	5	7
$1,000, 1997..	152	17	1 255	58	–	–	55	51
1992..	50	17	399	46	–	(D)	4	9
Average per farm ..... dollars, 1997..	2 710	1 150	3 802	2 005	–	–	3 425	3 636
1992..	1 613	1 395	2 912	2 890	–	(D)	814	1 238
OTHER FARM-RELATED INCOME[1]								
Gross before taxes and expenses ..... farms, 1997..	211	119	272	146	8	14	110	75
1992..	286	118	277	177	13	16	146	60
$1,000, 1997..	474	1 006	1 826	705	33	28	440	919
1992..	1 482	741	1 637	381	61	47	319	212
Average per farm ..... dollars, 1997..	2 249	8 451	6 712	4 829	4 079	1 976	4 004	12 252
1992..	5 181	6 281	5 910	2 155	4 681	2 940	2 185	3 535
Customwork and other agricultural services .... farms, 1997..	63	26	107	39	2	2	50	26
1992..	95	47	150	71	7	4	56	24
$1,000, 1997..	118	533	544	162	(D)	(D)	176	78
1992..	762	424	764	168	20	(D)	97	60
Rental of farmland ..... farms, 1997..	71	9	123	70	3	3	36	26
1992..	94	29	106	73	1	3	48	9
$1,000, 1997..	111	3	1 008	305	5	(D)	134	46
1992..	180	130	590	132	(D)	(D)	109	10
Sales of forest products, excluding Christmas trees and maple products[3] ..... farms, 1997..	24	29	14	27	4	4	8	26
1992..	25	13	17	20	7	6	8	28
$1,000, 1997..	108	163	117	132	20	6	8	783
1992..	50	45	171	67	38	6	60	123
Other farm-related income sources ..... farms, 1997..	75	78	83	52	1	7	26	21
1992..	115	51	52	26	2	8	55	13
$1,000, 1997..	137	306	156	107	(D)	13	122	11
1992..	491	142	112	14	(D)	15	53	20
DIRECT SALES								
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 1997..	124	46	91	73	4	7	94	35
1992..	121	40	83	93	4	9	84	34
$1,000, 1997..	502	226	780	410	6	21	2 340	200
1992..	755	99	410	266	7	26	1 127	131
Average per farm ..... dollars, 1997..	4 050	4 913	8 569	5 611	1 616	2 973	24 895	5 701
1992..	6 243	2 463	4 941	2 857	1 779	2 919	13 412	3 839
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms, 1997..	22	–	71	10	–	–	7	–
1992..	38	5	109	13	–	–	13	5
$1,000, 1997..	787	–	3 428	203	–	–	160	–
1992..	607	(D)	4 063	305	–	–	261	7
Corn ..... farms, 1997..	17	–	57	8	–	–	3	–
1992..	29	1	77	10	–	–	9	1
$1,000, 1997..	445	–	2 172	154	–	–	(D)	–
1992..	487	(D)	2 608	271	–	–	169	(D)
Wheat ..... farms, 1997..	6	–	22	2	–	–	5	–
1992..	12	1	18	1	–	–	1	2
$1,000, 1997..	(D)	–	144	(D)	–	–	(D)	–
1992..	35	(D)	(D)	(D)	–	–	(D)	(D)
Soybeans ..... farms, 1997..	6	–	26	3	–	–	4	–
1992..	8	–	45	2	–	–	4	–
$1,000, 1997..	318	–	1 112	(D)	–	–	(D)	–
1992..	85	–	1 352	(D)	–	–	(D)	–

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	108	414	597	348	418	336	1 059	956
1992..	84	401	594	309	442	290	1 133	899
$1,000, 1997..	52	5 335	3 115	4 359	1 921	9 321	22 148	21 193
1992..	–94	2 680	2 172	2 079	1 087	6 601	5 780	12 192
Average per farm ..... dollars, 1997..	486	12 887	5 218	12 526	4 596	27 740	20 914	22 169
1992..	–1 114	6 684	3 656	6 727	2 460	22 762	5 102	13 562
Farms with net gains[2] ..... number, 1997..	30	220	266	150	188	210	485	445
1992..	25	166	228	142	186	148	421	366
$1,000, 1997..	887	6 481	4 899	5 836	3 379	10 217	26 186	24 803
1992..	333	4 294	4 437	3 664	3 434	7 462	10 918	15 850
Average per farm ..... dollars, 1997..	29 581	29 460	18 416	38 905	17 971	48 654	53 992	55 737
1992..	13 331	25 868	19 461	25 806	18 463	50 422	25 933	43 307
Farms with net losses ..... number, 1997..	78	194	331	198	230	126	574	511
1992..	59	235	366	167	256	142	712	533
$1,000, 1997..	835	1 146	1 783	1 477	1 457	897	4 038	3 610
1992..	427	1 614	2 265	1 586	2 347	861	5 138	3 658
Average per farm ..... dollars, 1997..	10 705	5 908	5 387	7 458	6 336	7 117	7 035	7 064
1992..	7 234	6 867	6 189	9 496	9 167	6 066	7 216	6 864
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	7	142	239	121	155	137	393	486
1992..	12	133	208	114	97	133	307	418
$1,000, 1997..	(D)	453	658	411	547	451	2 064	2 363
1992..	32	583	777	608	593	555	1 929	2 240
Average per farm ..... dollars, 1997..	(D)	3 193	2 755	3 394	3 531	3 292	5 251	4 863
1992..	2 667	4 383	3 735	5 335	6 108	4 170	6 283	5 359
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	–	23	106	13	34	30	35	194
1992..	–	18	67	7	12	17	21	112
$1,000, 1997..	–	37	216	27	85	48	72	515
1992..	–	27	150	25	27	29	25	267
Average per farm ..... dollars, 1997..	–	1 598	2 036	2 113	2 504	1 603	2 047	2 656
1992..	–	1 478	2 236	3 596	2 267	1 715	1 200	2 381
OTHER FARM-RELATED INCOME[1]								
Gross before taxes and expenses ..... farms, 1997..	15	101	127	113	104	66	414	249
1992..	28	112	163	110	100	87	293	193
$1,000, 1997..	59	748	730	299	374	446	1 584	1 266
1992..	144	862	719	405	415	280	1 209	707
Average per farm ..... dollars, 1997..	3 903	7 404	5 750	2 650	3 598	6 753	3 826	5 086
1992..	5 129	7 698	4 410	3 683	4 153	3 215	4 127	3 663
Customwork and other agricultural services .... farms, 1997..	4	14	16	26	28	12	85	89
1992..	6	18	72	21	37	15	85	38
$1,000, 1997..	19	265	95	101	93	172	946	583
1992..	17	99	319	75	228	32	641	260
Rental of farmland ..... farms, 1997..	2	17	53	7	50	12	118	96
1992..	3	32	57	14	41	22	87	56
$1,000, 1997..	(D)	22	469	22	266	17	348	420
1992..	2	19	99	8	120	23	420	117
Sales of forest products, excluding Christmas trees and maple products[3] ..... farms, 1997..	10	37	18	38	5	14	20	30
1992..	19	17	30	56	6	37	13	61
$1,000, 1997..	29	374	119	100	1	113	9	125
1992..	118	596	114	270	15	193	61	201
Other farm-related income sources ..... farms, 1997..	3	37	48	72	31	42	292	79
1992..	7	54	43	93	31	28	134	63
$1,000, 1997..	(D)	87	48	77	14	143	281	138
1992..	6	149	186	52	52	31	87	129
DIRECT SALES								
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 1997..	13	47	65	28	42	26	99	73
1992..	12	41	67	17	46	21	95	53
$1,000, 1997..	39	273	418	66	71	51	948	288
1992..	18	63	200	20	80	24	637	127
Average per farm ..... dollars, 1997..	3 028	5 806	6 436	2 349	1 696	1 958	9 574	3 943
1992..	1 482	1 539	2 993	1 159	1 731	1 133	6 706	2 399
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms, 1997..	–	11	9	8	4	12	47	25
1992..	3	16	11	9	3	14	56	59
$1,000, 1997..	–	180	30	57	38	105	1 408	425
1992..	(D)	230	99	54	(D)	118	1 447	836
Corn ..... farms, 1997..	–	9	9	7	4	11	35	24
1992..	–	13	8	7	3	10	37	43
$1,000, 1997..	–	116	(D)	50	(D)	(D)	866	373
1992..	–	175	64	(D)	(D)	105	715	510
Wheat ..... farms, 1997..	–	7	1	–	–	1	12	5
1992..	–	7	7	–	1	3	4	17
$1,000, 1997..	–	(D)	(D)	–	–	(D)	41	(D)
1992..	–	22	7	–	(D)	(D)	6	(D)
Soybeans ..... farms, 1997..	–	–	–	–	1	–	23	2
1992..	–	1	–	–	–	–	36	–
$1,000, 1997..	–	–	–	–	(D)	–	501	(D)
1992..	–	(D)	–	–	–	–	726	–

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	103	411	670	543	574	260	92	497
1992..	112	417	667	503	595	261	96	458
$1,000, 1997..	1 107	9 463	10 293	1 672	8 121	3 220	528	2 004
1992..	134	2 463	5 679	1 829	5 798	3 102	139	2 078
Average per farm ..... dollars, 1997..	10 748	23 025	15 362	3 080	14 149	12 383	5 741	4 032
1992..	1 195	5 907	8 514	3 636	9 744	11 885	1 451	4 538
Farms with net gains[2] ..... number, 1997..	55	192	369	137	340	123	38	235
1992..	30	115	240	158	273	137	38	184
$1,000, 1997..	1 385	10 186	12 354	7 726	12 628	4 167	812	3 823
1992..	633	4 169	8 890	5 851	8 270	3 589	357	3 827
Average per farm ..... dollars, 1997..	25 173	53 050	33 480	56 392	37 142	33 879	21 381	16 269
1992..	21 093	36 250	37 042	37 031	30 293	26 201	9 390	20 800
Farms with net losses ..... number, 1997..	48	219	301	406	234	137	54	262
1992..	82	302	427	345	322	124	58	274
$1,000, 1997..	278	722	2 061	6 053	4 507	948	284	1 819
1992..	499	1 705	3 212	4 022	2 472	487	218	1 749
Average per farm ..... dollars, 1997..	5 781	3 299	6 848	14 910	19 261	6 916	5 265	6 944
1992..	6 084	5 647	7 521	11 658	7 678	3 930	3 751	6 383
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	37	118	262	59	145	114	15	168
1992..	32	103	237	49	138	98	29	115
$1,000, 1997..	96	577	763	329	700	378	10	410
1992..	77	503	788	298	650	581	52	417
Average per farm ..... dollars, 1997..	2 589	4 887	2 912	5 577	4 831	3 312	680	2 442
1992..	2 397	4 881	3 324	6 073	4 707	5 927	1 803	3 629
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	7	15	46	14	27	15	–	48
1992..	10	10	31	4	13	5	5	24
$1,000, 1997..	13	24	55	43	54	60	–	94
1992..	16	13	68	6	62	7	(Z)	51
Average per farm ..... dollars, 1997..	1 843	1 587	1 202	3 083	2 007	3 999	–	1 964
1992..	1 590	1 320	2 187	1 533	4 803	1 327	88	2 143
OTHER FARM-RELATED INCOME[1]								
Gross before taxes and expenses ..... farms, 1997..	13	74	153	91	165	57	27	69
1992..	16	74	194	61	187	46	13	103
$1,000, 1997..	42	376	1 513	275	2 200	350	73	268
1992..	47	368	697	211	1 182	237	(D)	185
Average per farm ..... dollars, 1997..	3 252	5 081	9 891	3 017	13 335	6 140	2 688	3 877
1992..	2 932	4 977	3 593	3 464	6 319	5 162	(D)	1 792
Customwork and other agricultural services .... farms, 1997..	8	23	35	17	36	28	2	32
1992..	3	38	75	21	61	5	2	45
$1,000, 1997..	33	200	998	14	1 544	273	(D)	189
1992..	(D)	276	245	(D)	429	(D)	(D)	53
Rental of farmland ..... farms, 1997..	2	10	55	44	61	11	2	17
1992..	7	9	48	1	65	9	5	8
$1,000, 1997..	(D)	92	116	153	212	(D)	(D)	10
1992..	10	23	143	(D)	96	16	5	14
Sales of forest products, excluding Christmas trees and maple products[3] ..... farms, 1997..	–	12	35	7	40	7	9	12
1992..	7	3	39	12	61	5	–	47
$1,000, 1997..	–	28	278	3	337	(D)	69	29
1992..	32	3	243	56	428	(D)	–	93
Other farm-related income sources ..... farms, 1997..	4	35	54	23	79	17	17	24
1992..	3	26	89	28	55	32	6	27
$1,000, 1997..	(D)	56	122	104	107	36	1	39
1992..	(D)	67	65	103	228	47	1	25
DIRECT SALES								
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 1997..	7	54	89	58	85	17	3	49
1992..	5	44	70	63	70	21	5	34
$1,000, 1997..	19	170	454	929	316	47	(D)	88
1992..	16	58	230	493	248	59	4	23
Average per farm ..... dollars, 1997..	2 674	3 151	5 101	16 021	3 713	2 786	(D)	1 799
1992..	3 269	1 312	3 291	7 829	3 544	2 810	749	678
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms, 1997..	–	10	23	7	11	8	–	4
1992..	3	13	19	5	8	13	–	6
$1,000, 1997..	–	181	232	213	78	63	–	(D)
1992..	(D)	238	94	27	225	66	–	34
Corn ..... farms, 1997..	–	10	21	7	11	7	–	4
1992..	1	12	14	2	5	9	–	5
$1,000, 1997..	–	(D)	211	152	78	62	–	(D)
1992..	(D)	228	71	(D)	44	61	–	(D)
Wheat ..... farms, 1997..	–	1	4	4	–	2	–	2
1992..	1	2	5	2	1	7	–	–
$1,000, 1997..	–	(D)	(D)	(D)	–	(D)	–	(D)
1992..	(D)	(D)	(D)	(D)	(D)	(D)	–	–
Soybeans ..... farms, 1997..	–	–	2	3	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	(D)	(D)	–	–	–	–
1992..	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	80	139	1 293	295	36	1 163	938	793
1992..	76	134	1 368	278	36	1 295	988	855
$1,000, 1997..	416	595	56 728	3 292	193	17 280	4 512	19 511
1992..	161	–2	33 087	1 183	(D)	12 865	3 402	11 485
Average per farm ..... dollars, 1997..	5 203	4 280	43 873	11 158	5 361	14 858	4 810	24 604
1992..	2 115	–15	24 187	4 255	(D)	9 934	3 443	13 433
Farms with net gains[2] ..... number, 1997..	39	53	687	159	16	658	435	370
1992..	34	42	713	97	11	665	336	403
$1,000, 1997..	664	1 251	65 250	3 905	274	20 885	7 873	22 791
1992..	446	531	38 894	2 417	(D)	17 704	7 957	15 203
Average per farm ..... dollars, 1997..	17 032	23 598	94 978	24 558	17 142	31 740	18 099	61 597
1992..	13 120	12 632	54 550	24 920	(D)	26 622	23 681	37 725
Farms with net losses ..... number, 1997..	41	86	606	136	20	505	503	423
1992..	42	92	655	181	25	630	652	452
$1,000, 1997..	248	656	8 522	613	81	3 605	3 361	3 280
1992..	285	533	5 807	1 234	98	4 839	4 555	3 718
Average per farm ..... dollars, 1997..	6 048	7 625	14 063	4 508	4 064	7 138	6 681	7 754
1992..	6 795	5 789	8 865	6 820	3 916	7 681	6 986	8 227
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	15	56	353	86	3	636	285	446
1992..	8	50	338	69	4	459	219	405
$1,000, 1997..	20	110	1 809	136	(D)	2 785	1 275	3 544
1992..	15	87	1 566	285	(D)	2 583	1 168	3 447
Average per farm ..... dollars, 1997..	1 316	1 960	5 124	1 581	(D)	4 379	4 472	7 947
1992..	1 857	1 748	4 634	4 128	(D)	5 627	5 335	8 511
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	2	10	63	20	1	64	43	98
1992..	1	5	43	9	–	32	21	67
$1,000, 1997..	(D)	23	155	26	(D)	175	120	301
1992..	(D)	7	105	10	–	84	31	165
Average per farm ..... dollars, 1997..	(D)	2 267	2 467	1 314	(D)	2 728	2 784	3 072
1992..	(D)	1 430	2 434	1 063	–	2 618	1 493	2 456
OTHER FARM-RELATED INCOME[1]								
Gross before taxes and expenses ..... farms, 1997..	31	29	482	95	4	266	113	254
1992..	15	21	411	60	6	268	181	244
$1,000, 1997..	200	115	2 096	430	19	1 821	330	3 607
1992..	53	45	1 946	180	12	1 440	694	2 251
Average per farm ..... dollars, 1997..	6 448	3 961	4 348	4 530	4 650	6 845	2 922	14 202
1992..	3 548	2 159	4 735	2 998	2 014	5 372	3 833	9 224
Customwork and other agricultural services .... farms, 1997..	8	10	116	20	3	104	57	99
1992..	3	8	149	19	1	84	57	97
$1,000, 1997..	101	17	832	77	(D)	420	192	1 256
1992..	(D)	13	1 029	(D)	(D)	322	448	1 633
Rental of farmland ..... farms, 1997..	7	6	178	51	–	123	38	124
1992..	2	3	144	22	3	120	46	110
$1,000, 1997..	11	20	(D)	128	–	933	66	1 892
1992..	(D)	1	358	36	2	537	75	474
Sales of forest products, excluding Christmas trees and maple products[3] ..... farms, 1997..	16	15	10	30	2	49	7	30
1992..	9	7	18	34	1	43	6	12
$1,000, 1997..	82	51	(D)	185	(D)	284	(Z)	254
1992..	30	9	340	116	(D)	542	6	38
Other farm-related income sources ..... farms, 1997..	9	5	283	12	–	34	39	52
1992..	3	7	229	2	1	49	89	52
$1,000, 1997..	5	26	634	40	–	183	71	205
1992..	(D)	21	219	(D)	(D)	39	165	106
DIRECT SALES								
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 1997..	17	9	168	28	3	75	90	68
1992..	9	10	162	22	3	80	99	73
$1,000, 1997..	34	6	1 297	65	2	894	387	365
1992..	24	24	905	32	4	481	478	177
Average per farm ..... dollars, 1997..	1 999	660	7 721	2 317	625	11 916	4 298	5 370
1992..	2 675	2 430	5 587	1 456	1 200	6 013	4 830	2 421
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms, 1997..	–	1	25	4	–	62	14	36
1992..	–	3	39	5	–	64	18	77
$1,000, 1997..	–	(D)	582	(D)	–	2 437	1 027	1 288
1992..	–	5	790	22	–	1 784	432	1 689
Corn ..... farms, 1997..	–	–	23	3	–	38	7	29
1992..	–	2	37	2	–	34	8	69
$1,000, 1997..	–	–	465	(D)	–	1 078	195	1 015
1992..	–	(D)	783	(D)	–	657	222	1 236
Wheat ..... farms, 1997..	–	1	8	–	–	13	6	1
1992..	–	1	11	3	–	21	8	4
$1,000, 1997..	–	(D)	5	–	–	(D)	14	(D)
1992..	–	(D)	(D)	(D)	–	(D)	(D)	7
Soybeans ..... farms, 1997..	–	–	3	–	–	38	8	11
1992..	–	–	–	–	–	26	7	21
$1,000, 1997..	–	–	(D)	–	–	1 322	817	(D)
1992..	–	–	–	–	–	1 080	187	445

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	1 447	45	917	1 142	1 059	1 031	305	252
1992..	1 434	49	1 087	1 128	1 162	1 057	303	177
$1,000, 1997..	26 873	238	7 030	19 460	24 001	5 212	7 553	2 391
1992..	22 547	225	5 218	17 729	12 084	2 202	3 569	483
Average per farm ..... dollars, 1997..	18 571	5 283	7 667	17 040	22 664	5 055	24 763	9 490
1992..	15 723	4 582	4 800	15 717	10 399	2 083	11 778	2 731
Farms with net gains[2] ..... number, 1997..	784	25	415	581	516	437	124	108
1992..	742	27	402	588	478	324	122	51
$1,000, 1997..	31 354	369	9 617	23 313	27 881	10 383	9 158	3 473
1992..	29 437	337	10 496	22 335	18 209	8 634	5 213	1 047
Average per farm ..... dollars, 1997..	39 992	14 759	23 173	40 126	54 032	23 760	73 851	32 161
1992..	39 672	12 468	26 109	37 984	38 094	26 649	42 731	20 533
Farms with net losses ..... number, 1997..	663	20	502	561	543	594	181	144
1992..	692	22	685	540	684	733	181	126
$1,000, 1997..	4 481	131	2 586	3 854	3 879	5 172	1 605	1 082
1992..	6 890	112	5 278	4 606	6 125	6 433	1 645	564
Average per farm ..... dollars, 1997..	6 759	6 563	5 152	6 869	7 144	8 706	8 866	7 514
1992..	9 957	5 095	7 705	8 529	8 954	8 776	9 086	4 474
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	836	9	459	574	283	339	43	73
1992..	666	3	374	445	348	281	12	54
$1,000, 1997..	4 792	13	1 821	3 247	1 399	1 729	183	101
1992..	4 747	1	1 620	3 327	2 172	1 521	108	132
Average per farm ..... dollars, 1997..	5 732	1 487	3 967	5 656	4 944	5 102	4 257	1 384
1992..	7 128	290	4 331	7 477	6 243	5 412	9 020	2 436
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	279	2	55	136	89	64	25	23
1992..	128	–	24	67	57	30	1	12
$1,000, 1997..	1 025	(D)	106	404	313	153	83	40
1992..	387	–	37	210	138	42	(D)	22
Average per farm ..... dollars, 1997..	3 676	(D)	1 936	2 968	3 513	2 395	3 328	1 758
1992..	3 023	–	1 540	3 130	2 416	1 396	(D)	1 847
OTHER FARM-RELATED INCOME[1]								
Gross before taxes and expenses ..... farms, 1997..	326	6	170	321	251	154	11	46
1992..	363	12	202	333	294	252	20	69
$1,000, 1997..	1 049	(D)	972	2 002	2 038	506	127	328
1992..	1 522	11	661	1 657	1 788	1 224	47	465
Average per farm ..... dollars, 1997..	3 219	(D)	5 716	6 237	8 118	3 283	11 558	7 123
1992..	4 191	915	3 272	4 977	6 080	4 856	2 356	6 738
Customwork and other agricultural services .... farms, 1997..	72	2	59	90	80	38	1	8
1992..	107	3	95	93	82	102	2	19
$1,000, 1997..	330	(D)	270	696	845	87	(D)	39
1992..	707	1	381	604	729	312	(D)	24
Rental of farmland ..... farms, 1997..	119	–	83	120	115	82	3	16
1992..	154	4	81	159	132	77	2	14
$1,000, 1997..	439	–	328	865	570	266	86	38
1992..	448	2	198	574	692	399	(D)	64
Sales of forest products, excluding Christmas trees and maple products[3] ..... farms, 1997..	5	2	17	17	21	17	–	20
1992..	27	3	10	31	31	42	4	39
$1,000, 1997..	10	(D)	203	57	245	85	–	205
1992..	260	(D)	52	137	146	279	(D)	360
Other farm-related income sources ..... farms, 1997..	158	4	70	182	89	20	7	10
1992..	127	3	37	93	78	72	13	19
$1,000, 1997..	271	(D)	171	384	377	67	(D)	46
1992..	107	(D)	30	341	219	234	1	16
DIRECT SALES								
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 1997..	64	9	73	99	134	98	41	34
1992..	60	6	67	60	139	91	56	14
$1,000, 1997..	273	49	144	604	1 260	945	456	63
1992..	265	44	142	166	1 304	3 148	442	23
Average per farm ..... dollars, 1997..	4 263	5 480	1 979	6 102	9 404	9 642	11 131	1 864
1992..	4 418	7 391	2 124	2 767	9 382	34 590	7 896	1 633
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms, 1997..	87	–	60	62	19	29	1	4
1992..	95	–	62	83	30	30	2	3
$1,000, 1997..	2 606	–	1 590	2 723	492	571	(D)	24
1992..	1 860	–	829	1 963	1 453	648	(D)	(D)
Corn ..... farms, 1997..	76	–	44	53	14	21	1	4
1992..	69	–	39	68	26	23	1	1
$1,000, 1997..	1 756	–	618	1 775	267	305	(D)	24
1992..	1 191	–	501	1 358	1 369	443	(D)	(D)
Wheat ..... farms, 1997..	27	–	20	18	5	13	1	–
1992..	42	–	30	35	1	16	–	–
$1,000, 1997..	(D)	–	33	(D)	47	100	(D)	–
1992..	361	–	(D)	217	(D)	106	–	–
Soybeans ..... farms, 1997..	22	–	33	25	6	11	–	–
1992..	14	–	15	14	9	6	–	–
$1,000, 1997..	606	–	938	791	(D)	166	–	–
1992..	274	–	266	386	(D)	99	–	–

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
COMMODITY CREDIT CORPORATION LOANS—Con.							
Total—Con.							
Sorghum, barley, and oats ..... farms, 1997..	60	–	–	3	2	–	1
1992..	74	–	–	–	1	–	1
$1,000, 1997..	(D)	–	–	(D)	(D)	–	(D)
1992..	(D)	–	–	–	(D)	–	(D)
Cotton ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997..	1	–	–	–	–	–	–
1992..	1	–	–	–	1	–	–
$1,000, 1997..	(D)	–	–	–	–	–	–
1992..	(D)	–	–	–	(D)	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997..	–	–	–	–	–	–	–
1992..	79	–	–	1	–	2	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	772	–	–	(D)	–	(D)	–

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
COMMODITY CREDIT CORPORATION LOANS—Con.							
Total—Con.							
Sorghum, barley, and oats ..... farms, 1997..	–	–	1	–	–	–	–
1992..	–	–	1	–	–	–	4
$1,000, 1997..	–	–	(D)	–	–	–	–
1992..	–	–	(D)	–	–	–	(D)
Cotton ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	2	1	1	1	–	2
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	(D)	(D)	(D)	(D)	–	(D)

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
COMMODITY CREDIT CORPORATION LOANS—Con.							
Total—Con.							
Sorghum, barley, and oats ..... farms, 1997..	–	–	3	2	–	3	–
1992..	1	2	–	–	–	–	–
$1,000, 1997..	–	–	(D)	(D)	–	(D)	–
1992..	(D)	(D)	–	–	–	–	–
Cotton ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997..	–	–	1	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	(D)	–	–	–	–
1992..	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	3	–	1	3	1	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	7	–	(D)	(D)	(D)	–

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
COMMODITY CREDIT CORPORATION LOANS—Con.							
Total—Con.							
Sorghum, barley, and oats ..... farms, 1997..	–	–	–	1	–	–	–
1992..	1	–	–	–	2	1	–
$1,000, 1997..	–	–	–	(D)	–	–	–
1992..	(D)	–	–	–	(D)	(D)	–
Cotton ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	1	1	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	(D)	(D)	–	–	–	–

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997..	–	–	–	–	10	–	1	1
1992..	–	1	–	–	17	–	3	–
$1,000, 1997..	–	–	–	–	22	–	(D)	(D)
1992..	–	(D)	–	–	18	–	(D)	–
Cotton ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	1	–	–	1	1	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	(D)	–	–	(D)	(D)	–

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997..	–	3	2	–	–	1	–	–
1992..	–	3	–	1	–	–	–	–
$1,000, 1997..	–	(D)	(D)	–	–	(D)	–	–
1992..	–	1	–	(D)	–	–	–	–
Cotton ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	5	–	2	–	2	–	1
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	18	–	(D)	–	(D)	–	(D)

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997..	1	–	–	–	–	–	–	–
1992..	2	–	–	–	–	–	–	–
$1,000, 1997..	(D)	–	–	–	–	–	–	–
1992..	(D)	–	–	–	–	–	–	–
Cotton ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	1	4	3	1	–	–	–	4
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	(D)	6	(D)	(D)	–	–	–	(D)

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997..	–	1	–	4	–	–	–	–
1992..	1	2	2	2	–	1	–	1
$1,000, 1997..	–	(D)	–	7	–	–	–	–
1992..	(D)	(D)	(D)	(D)	–	(D)	–	(D)
Cotton ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	2	1	1	–	–	1	–	8
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	(D)	(D)	(D)	–	–	(D)	–	261

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997..	–	–	1	–	–	2	–	–
1992..	2	–	1	–	–	2	–	–
$1,000, 1997..	–	–	(D)	–	–	(D)	–	–
1992..	(D)	–	(D)	–	–	(D)	–	–
Cotton ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	1	1	3	3	–	–	1
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	(D)	(D)	(D)	(D)	–	–	(D)

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997..	–	–	1	2	–	3	–	–
1992..	–	1	1	2	–	1	1	–
$1,000, 1997..	–	–	(D)	(D)	–	(D)	–	–
1992..	–	(D)	(D)	(D)	–	(D)	(D)	–
Cotton ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	1	–	1	1	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	(D)	–	(D)	(D)	–

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997..	5	–	–	1	2	3	–	–
1992..	6	–	3	2	–	2	–	–
$1,000, 1997..	(D)	–	–	(D)	(D)	(Z)	–	–
1992..	(D)	–	(D)	(D)	–	(D)	–	–
Cotton ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	1	–	–	2	1	1	1	2
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	(D)	–	–	(D)	(D)	(D)	(D)	(D)

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.
[3]Data for 1992 include Christmas trees and maple products.
[4]Data for 1992 include CCC loans for rye and honey.

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**

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

All farms	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Hired farm labor ..... farms..	14 481	71	20	488	85	108	106
workers..	95 865	143	56	4 367	249	620	629
$1,000 payroll..	369 145	244	230	23 421	585	1 582	1 604
Farms with—							
1 worker ..... farms..	3 375	27	3	121	14	17	26
workers..	3 375	27	(D)	121	(D)	17	26
2 workers ..... farms..	3 827	34	8	94	31	29	21
workers..	7 654	68	16	188	62	58	42
3 or 4 workers ..... farms..	3 159	8	7	117	33	25	20
workers..	10 845	(D)	23	407	109	83	68
5 to 9 workers ..... farms..	2 158	1	2	76	5	28	14
workers..	13 838	(D)	(D)	515	30	185	92
10 workers or more ..... farms..	1 962	1	–	80	2	9	25
workers..	60 153	(D)	–	3 136	(D)	277	401
Workers by days worked:							
150 days or more ..... farms..	6 074	21	5	243	42	35	60
workers..	20 996	21	11	1 326	77	62	119
Farms with—							
1 worker ..... farms..	3 249	21	2	99	28	25	27
workers..	3 249	21	(D)	99	28	25	27
2 workers ..... farms..	1 127	–	2	70	9	5	22
workers..	2 254	–	(D)	140	18	(D)	44
3 or 4 workers ..... farms..	909	–	–	28	2	2	7
workers..	3 077	–	–	91	(D)	(D)	22
5 to 9 workers ..... farms..	469	–	1	21	2	3	4
workers..	2 924	–	(D)	140	(D)	20	26
10 workers or more ..... farms..	320	–	–	25	1	–	–
workers..	9 492	–	–	856	(D)	–	–
Less than 150 days ..... farms..	13 069	64	19	398	82	106	96
workers..	74 869	122	45	3 041	172	558	510
Farms with—							
1 worker ..... farms..	4 273	33	4	114	32	21	34
workers..	4 273	33	(D)	114	32	21	34
2 workers ..... farms..	2 909	21	10	64	31	24	16
workers..	5 818	42	20	128	62	48	32
3 or 4 workers ..... farms..	2 618	8	4	95	15	26	10
workers..	8 719	(D)	14	322	46	84	33
5 to 9 workers ..... farms..	1 630	1	1	68	2	26	13
workers..	10 258	(D)	(D)	419	(D)	155	76
10 workers or more ..... farms..	1 639	1	–	57	2	9	23
workers..	45 801	(D)	–	2 058	(D)	250	335
Reported only workers working 150 days or more ..... farms..	1 412	7	1	90	3	2	10
workers..	4 000	7	(D)	296	14	(D)	14
$1,000 payroll..	45 652	(D)	(D)	2 883	108	(D)	159
Reported only workers working less than 150 days ..... farms..	8 407	50	15	245	43	73	46
workers..	32 167	94	39	1 382	98	259	177
$1,000 payroll..	39 877	63	39	1 764	30	(D)	412
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	4 662	14	4	153	39	33	50
150 days or more..	16 996	14	10	1 030	63	(D)	105
less than 150 days..	42 702	28	(D)	1 659	74	299	333
$1,000 payroll..	283 617	(D)	(D)	18 774	447	984	1 033

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—Con.

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

All farms	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Hired farm labor ..... farms..	12	196	256	62	462	249	248
workers..	36	618	1 654	614	5 555	1 294	943
$1,000 payroll..	155	3 358	4 692	935	14 070	6 199	5 098
Farms with—							
1 worker ..... farms..	4	65	69	14	120	25	71
workers..	(D)	65	69	14	120	25	71
2 workers ..... farms..	3	72	53	11	78	106	100
workers..	6	144	106	22	156	212	200
3 or 4 workers ..... farms..	3	26	42	5	68	26	51
workers..	9	82	163	17	228	86	183
5 to 9 workers ..... farms..	1	27	41	11	65	50	16
workers..	(D)	182	269	72	406	278	102
10 workers or more ..... farms..	1	6	51	21	131	42	10
workers..	(D)	145	1 047	489	4 645	693	387
Workers by days worked:							
150 days or more ..... farms..	4	88	91	28	173	118	86
workers..	9	220	276	45	884	268	312
Farms with—							
1 worker ..... farms..	1	48	36	22	66	80	52
workers..	(D)	48	36	22	66	80	52
2 workers ..... farms..	1	15	17	4	46	9	17
workers..	(D)	(D)	34	(D)	92	18	34
3 or 4 workers ..... farms..	2	14	23	1	24	9	8
workers..	(D)	44	88	(D)	88	29	29
5 to 9 workers ..... farms..	–	9	11	–	19	17	3
workers..	–	50	66	–	133	98	21
10 workers or more ..... farms..	–	2	4	1	18	3	6
workers..	–	(D)	52	(D)	505	43	176
Less than 150 days ..... farms..	10	184	229	61	428	230	220
workers..	27	398	1 378	569	4 671	1 026	631
Farms with—							
1 worker ..... farms..	5	107	75	22	106	79	85
workers..	5	107	75	22	106	79	85
2 workers ..... farms..	2	37	52	3	69	53	70
workers..	(D)	74	104	6	138	106	140
3 or 4 workers ..... farms..	1	18	29	6	93	31	48
workers..	(D)	58	109	21	313	105	154
5 to 9 workers ..... farms..	1	19	33	10	41	30	13
workers..	(D)	106	222	66	288	169	83
10 workers or more ..... farms..	1	3	40	20	119	37	4
workers..	(D)	53	868	454	3 826	567	169
Reported only workers working 150 days or more ..... farms..	2	12	27	1	34	19	28
workers..	(D)	24	103	(D)	95	65	57
$1,000 payroll..	(D)	186	1 129	(D)	861	1 134	1 068
Reported only workers working less than 150 days ..... farms..	8	108	165	34	289	131	162
workers..	16	193	921	146	1 710	594	337
$1,000 payroll..	4	175	1 100	(D)	2 304	257	258
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	2	76	64	27	139	99	58
150 days or more..	(D)	196	173	(D)	789	203	255
less than 150 days..	(D)	205	457	423	2 961	432	294
$1,000 payroll..	(D)	2 997	2 463	777	10 905	4 808	3 771

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—Con.

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

All farms	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Hired farm labor ..... farms..	185	46	57	98	66	359	5
workers..	908	159	178	317	180	1 617	12
$1,000 payroll..	4 238	291	531	526	629	7 697	(D)
Farms with—							
1 worker ..... farms..	60	14	10	17	17	73	1
workers..	60	(D)	10	17	(D)	73	(D)
2 workers ..... farms..	48	10	19	37	21	115	2
workers..	96	20	38	74	42	230	(D)
3 or 4 workers ..... farms..	43	13	18	23	23	69	2
workers..	147	42	61	79	83	242	(D)
5 to 9 workers ..... farms..	9	7	10	21	4	52	–
workers..	58	43	69	147	24	326	–
10 workers or more ..... farms..	25	2	–	–	1	50	–
workers..	547	(D)	–	–	(D)	746	–
Workers by days worked:							
150 days or more ..... farms..	90	7	18	25	36	174	1
workers..	237	20	37	27	54	505	(D)
Farms with—							
1 worker ..... farms..	45	–	9	24	32	88	1
workers..	45	–	9	(D)	32	88	(D)
2 workers ..... farms..	13	5	4	–	2	24	–
workers..	26	(D)	(D)	–	(D)	48	–
3 or 4 workers ..... farms..	23	1	4	1	1	42	–
workers..	73	(D)	15	(D)	(D)	141	–
5 to 9 workers ..... farms..	5	1	1	–	–	11	–
workers..	35	(D)	(D)	–	–	68	–
10 workers or more ..... farms..	4	–	–	–	1	9	–
workers..	58	–	–	–	(D)	160	–
Less than 150 days ..... farms..	162	45	49	97	63	301	5
workers..	671	139	141	290	126	1 112	(D)
Farms with—							
1 worker ..... farms..	80	15	13	21	29	90	1
workers..	80	(D)	13	21	29	90	(D)
2 workers ..... farms..	25	13	16	34	18	88	3
workers..	50	26	32	68	36	176	6
3 or 4 workers ..... farms..	33	10	12	21	13	46	1
workers..	112	31	39	66	44	151	(D)
5 to 9 workers ..... farms..	7	5	8	21	3	42	–
workers..	50	27	57	135	17	240	–
10 workers or more ..... farms..	17	2	–	–	–	35	–
workers..	379	(D)	–	–	–	455	–
Reported only workers working 150 days or more ..... farms..	23	1	8	1	3	58	–
workers..	61	(D)	21	(D)	(D)	168	–
$1,000 payroll..	1 066	(D)	263	(D)	233	1 867	–
Reported only workers working less than 150 days ..... farms..	95	39	39	73	30	185	4
workers..	203	126	120	179	62	602	(D)
$1,000 payroll..	196	(D)	155	(D)	62	454	(D)
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	67	6	10	24	33	116	1
150 days or more..	176	18	16	(D)	(D)	337	(D)
less than 150 days..	468	(D)	21	111	64	510	(D)
$1,000 payroll..	2 976	163	112	284	335	5 375	(D)

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—Con.

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

All farms	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Hired farm labor ..... farms..	97	40	255	59	216	117	19
workers..	332	177	957	233	754	311	46
$1,000 payroll..	816	334	3 564	442	2 075	226	17
Farms with—							
1 worker ..... farms..	25	12	49	17	60	16	4
workers..	25	12	49	17	60	16	(D)
2 workers ..... farms..	25	8	86	5	71	65	10
workers..	50	16	172	10	142	130	20
3 or 4 workers ..... farms..	19	8	69	14	52	33	3
workers..	70	27	247	42	182	113	9
5 to 9 workers ..... farms..	25	8	42	20	26	1	2
workers..	138	44	247	128	168	(D)	(D)
10 workers or more ..... farms..	3	4	9	3	7	2	–
workers..	49	78	242	36	202	(D)	–
Workers by days worked:							
150 days or more ..... farms..	37	17	103	28	73	40	6
workers..	112	55	262	44	153	43	9
Farms with—							
1 worker ..... farms..	10	8	57	23	41	38	3
workers..	(D)	8	57	23	41	(D)	3
2 workers ..... farms..	12	3	28	1	23	1	3
workers..	24	6	56	(D)	46	(D)	6
3 or 4 workers ..... farms..	7	2	9	2	4	1	–
workers..	28	(D)	30	(D)	(D)	(D)	–
5 to 9 workers ..... farms..	7	3	4	2	2	–	–
workers..	39	17	26	(D)	(D)	–	–
10 workers or more ..... farms..	1	1	5	–	3	–	–
workers..	(D)	(D)	93	–	41	–	–
Less than 150 days ..... farms..	93	28	232	56	202	117	17
workers..	220	122	695	189	601	268	37
Farms with—							
1 worker ..... farms..	33	6	87	19	70	51	7
workers..	33	(D)	87	19	70	(D)	(D)
2 workers ..... farms..	25	6	46	10	63	31	5
workers..	50	12	92	20	126	62	10
3 or 4 workers ..... farms..	30	8	58	15	47	33	4
workers..	103	27	201	52	160	109	12
5 to 9 workers ..... farms..	4	6	35	9	17	–	1
workers..	(D)	37	194	65	107	–	(D)
10 workers or more ..... farms..	1	2	6	3	5	2	–
workers..	(D)	(D)	121	33	138	(D)	–
Reported only workers working 150 days or more ..... farms..	4	12	23	3	14	–	2
workers..	7	30	87	4	22	–	(D)
$1,000 payroll..	78	93	735	34	436	–	(D)
Reported only workers working less than 150 days ..... farms..	60	23	152	31	143	77	13
workers..	132	74	488	90	321	201	31
$1,000 payroll..	88	85	316	47	330	97	7
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	33	5	80	25	59	40	4
150 days or more..	105	25	175	40	131	43	(D)
less than 150 days..	88	48	207	99	280	67	6
$1,000 payroll..	650	156	2 514	361	1 310	129	(D)

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—Con.

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

All farms	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Hired farm labor ..... farms..	168	298	277	46	504	264	299	76
workers..	1 039	1 759	814	270	2 121	1 609	1 671	217
$1,000 payroll..	1 894	5 765	4 469	318	10 301	7 599	7 272	466
Farms with—								
1 worker ..... farms..	48	69	102	3	111	43	44	31
workers..	48	69	102	3	111	43	44	31
2 workers ..... farms..	32	56	92	13	134	96	120	18
workers..	64	112	184	26	268	192	240	36
3 or 4 workers ..... farms..	13	62	57	12	139	66	66	11
workers..	41	200	192	45	466	207	220	34
5 to 9 workers ..... farms..	45	78	19	11	85	37	29	16
workers..	319	470	118	66	577	224	177	116
10 workers or more ..... farms..	30	33	7	7	35	22	40	–
workers..	567	908	218	130	699	943	990	–
Workers by days worked:								
150 days or more ..... farms..	49	132	142	17	282	121	115	20
workers..	134	328	241	39	565	410	417	30
Farms with—								
1 worker ..... farms..	27	70	98	11	183	78	75	15
workers..	27	70	98	11	183	78	75	15
2 workers ..... farms..	11	22	25	–	35	13	8	3
workers..	22	44	50	–	70	26	16	(D)
3 or 4 workers ..... farms..	3	28	12	3	44	18	17	1
workers..	11	93	40	10	144	60	55	(D)
5 to 9 workers ..... farms..	3	8	5	3	16	6	8	1
workers..	19	48	(D)	18	95	37	51	(D)
10 workers or more ..... farms..	5	4	2	–	4	6	7	–
workers..	55	73	(D)	–	73	209	220	–
Less than 150 days ..... farms..	156	276	246	44	432	227	267	67
workers..	905	1 431	573	231	1 556	1 199	1 254	187
Farms with—								
1 worker ..... farms..	47	85	147	10	169	70	52	26
workers..	47	85	147	10	169	70	52	26
2 workers ..... farms..	29	45	51	8	69	71	116	21
workers..	58	90	102	16	138	142	232	42
3 or 4 workers ..... farms..	18	71	37	13	117	40	48	6
workers..	56	237	117	47	369	123	162	20
5 to 9 workers ..... farms..	38	49	7	7	52	30	18	14
workers..	277	281	48	42	357	184	100	99
10 workers or more ..... farms..	24	26	4	6	25	16	33	–
workers..	467	738	159	116	523	680	708	–
Reported only workers working 150 days or more ..... farms..	12	22	31	2	72	37	32	9
workers..	18	59	46	(D)	170	122	87	18
$1,000 payroll..	223	1 270	589	(D)	2 915	1 884	771	355
Reported only workers working less than 150 days ..... farms..	119	166	135	29	222	143	184	56
workers..	620	511	238	164	751	481	700	143
$1,000 payroll..	723	437	311	(D)	1 050	1 222	754	39
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	37	110	111	15	210	84	83	11
150 days or more..	116	269	195	(D)	395	288	330	12
less than 150 days..	285	920	335	67	805	718	554	44
$1,000 payroll..	948	4 057	3 569	204	6 336	4 493	5 747	72

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—Con.

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

All farms	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Hired farm labor ..... farms..	27	252	196	272	50	500	–	18
workers..	88	1 079	915	2 768	205	5 913	–	44
$1,000 payroll..	266	4 464	2 961	13 999	445	23 212	–	112
Farms with—								
1 worker ..... farms..	10	60	44	57	15	78	–	7
workers..	(D)	60	44	57	15	78	–	(D)
2 workers ..... farms..	5	72	61	78	14	112	–	6
workers..	10	144	122	156	28	224	–	12
3 or 4 workers ..... farms..	7	62	39	46	8	115	–	3
workers..	27	228	133	149	29	386	–	12
5 to 9 workers ..... farms..	3	39	43	22	7	48	–	2
workers..	18	227	249	139	41	327	–	(D)
10 workers or more ..... farms..	2	19	9	69	6	147	–	–
workers..	(D)	420	367	2 267	92	4 898	–	–
Workers by days worked:								
150 days or more ..... farms..	9	103	80	152	17	262	–	6
workers..	19	302	167	875	26	1 270	–	12
Farms with—								
1 worker ..... farms..	5	35	53	69	14	128	–	5
workers..	(D)	35	53	69	14	128	–	(D)
2 workers ..... farms..	1	33	13	29	–	40	–	–
workers..	(D)	66	(D)	58	–	80	–	–
3 or 4 workers ..... farms..	3	28	9	12	3	48	–	–
workers..	12	99	31	42	12	170	–	–
5 to 9 workers ..... farms..	–	4	4	27	–	21	–	1
workers..	–	30	27	163	–	125	–	(D)
10 workers or more ..... farms..	–	3	1	15	–	25	–	–
workers..	–	72	(D)	543	–	767	–	–
Less than 150 days ..... farms..	26	240	175	250	49	458	–	16
workers..	69	777	748	1 893	179	4 643	–	32
Farms with—								
1 worker ..... farms..	11	82	51	94	18	122	–	8
workers..	11	82	51	94	18	122	–	8
2 workers ..... farms..	3	77	47	50	12	56	–	4
workers..	6	154	94	100	24	112	–	8
3 or 4 workers ..... farms..	9	44	41	22	10	107	–	4
workers..	32	138	133	78	34	342	–	16
5 to 9 workers ..... farms..	3	29	28	23	3	38	–	–
workers..	20	164	152	142	17	261	–	–
10 workers or more ..... farms..	–	8	8	61	6	135	–	–
workers..	–	239	318	1 479	86	3 806	–	–
Reported only workers working 150 days or more ..... farms..	1	12	21	22	1	42	–	2
workers..	(D)	36	43	48	(D)	89	–	(D)
$1,000 payroll..	(D)	545	609	535	(D)	1 083	–	(D)
Reported only workers working less than 150 days ..... farms..	18	149	116	120	33	238	–	12
workers..	39	402	494	429	101	1 186	–	25
$1,000 payroll..	(D)	591	456	724	(D)	1 632	–	6
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	8	91	59	130	16	220	–	4
150 days or more..	(D)	266	124	827	(D)	1 181	–	10
less than 150 days..	30	375	254	1 464	78	3 457	–	(D)
$1,000 payroll..	247	3 329	1 896	12 740	361	20 497	–	(D)

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—Con.

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

All farms	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Hired farm labor ..... farms..	347	204	362	190	15	22	158	117
workers..	1 819	1 733	1 497	888	46	62	1 140	952
$1,000 payroll..	5 044	4 760	6 217	4 084	161	296	8 125	1 531
Farms with—								
1 worker ..... farms..	79	16	149	39	6	8	25	16
workers..	79	16	149	39	6	8	25	16
2 workers ..... farms..	81	11	59	78	3	5	63	45
workers..	162	22	118	156	6	10	126	90
3 or 4 workers ..... farms..	93	51	85	51	3	5	28	19
workers..	305	195	293	188	10	17	102	69
5 to 9 workers ..... farms..	52	65	47	15	2	4	21	25
workers..	323	438	308	95	(D)	27	120	149
10 workers or more ..... farms..	42	61	22	7	1	–	21	12
workers..	950	1 062	629	410	(D)	–	767	628
Workers by days worked:								
150 days or more ..... farms..	136	79	146	83	5	8	67	50
workers..	306	285	263	229	(D)	21	432	126
Farms with—								
1 worker ..... farms..	78	47	91	62	4	4	16	30
workers..	78	47	91	62	4	4	16	30
2 workers ..... farms..	19	20	27	11	1	1	19	15
workers..	38	40	54	22	(D)	(D)	38	30
3 or 4 workers ..... farms..	33	6	18	3	–	1	15	2
workers..	108	(D)	60	(D)	–	(D)	55	(D)
5 to 9 workers ..... farms..	4	4	10	6	–	2	10	2
workers..	(D)	28	58	36	–	(D)	66	(D)
10 workers or more ..... farms..	2	2	–	1	–	–	7	1
workers..	(D)	(D)	–	(D)	–	–	257	(D)
Less than 150 days ..... farms..	317	200	303	161	15	18	133	111
workers..	1 513	1 448	1 234	659	(D)	41	708	826
Farms with—								
1 worker ..... farms..	97	23	129	42	7	8	37	32
workers..	97	23	129	42	7	(D)	37	32
2 workers ..... farms..	96	12	53	56	4	5	41	25
workers..	192	24	106	112	8	10	82	50
3 or 4 workers ..... farms..	39	43	67	47	2	3	23	24
workers..	124	167	225	149	(D)	11	79	89
5 to 9 workers ..... farms..	48	63	35	10	1	2	19	19
workers..	296	395	225	60	(D)	(D)	103	101
10 workers or more ..... farms..	37	59	19	6	1	–	13	11
workers..	804	839	549	296	(D)	–	407	554
Reported only workers working 150 days or more ..... farms..	30	4	59	29	–	4	25	6
workers..	81	38	92	59	–	15	69	7
$1,000 payroll..	546	(D)	1 323	599	–	(D)	436	61
Reported only workers working less than 150 days ..... farms..	211	125	216	107	10	14	91	67
workers..	786	808	788	278	28	30	297	282
$1,000 payroll..	646	(D)	2 115	322	66	17	310	265
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	106	75	87	54	5	4	42	44
150 days or more..	225	247	171	170	6	6	363	119
less than 150 days..	727	640	446	381	12	11	411	544
$1,000 payroll..	3 853	3 456	2 779	3 163	96	(D)	7 378	1 205

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—Con.

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

All farms	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Hired farm labor ..... farms..	38	156	147	122	138	159	309	317
workers..	132	1 704	468	494	480	728	2 032	1 829
$1,000 payroll..	314	4 457	1 173	1 496	762	3 119	10 200	7 631
Farms with—								
1 worker ..... farms..	12	27	37	28	30	32	78	65
workers..	12	27	37	28	30	32	78	65
2 workers ..... farms..	13	31	39	22	54	36	54	76
workers..	26	62	78	44	108	72	108	152
3 or 4 workers ..... farms..	6	20	51	34	34	36	104	102
workers..	20	72	163	114	118	119	355	342
5 to 9 workers ..... farms..	3	30	17	33	17	42	46	48
workers..	19	173	110	205	120	269	316	341
10 workers or more ..... farms..	4	48	3	5	3	13	27	26
workers..	55	1 370	80	103	104	236	1 175	929
Workers by days worked:								
150 days or more ..... farms..	16	79	30	57	14	85	93	143
workers..	31	219	107	136	30	265	640	460
Farms with—								
1 worker ..... farms..	11	41	14	26	7	43	37	86
workers..	11	41	14	26	7	43	37	86
2 workers ..... farms..	1	15	5	3	4	11	20	26
workers..	(D)	(D)	(D)	6	8	22	40	52
3 or 4 workers ..... farms..	2	16	6	23	1	20	19	12
workers..	(D)	49	21	75	(D)	66	70	40
5 to 9 workers ..... farms..	2	2	4	5	2	7	7	8
workers..	(D)	(D)	22	29	(D)	44	50	53
10 workers or more ..... farms..	–	5	1	–	–	4	10	11
workers..	–	84	(D)	–	–	90	443	229
Less than 150 days ..... farms..	38	128	139	115	136	137	298	289
workers..	101	1 485	361	358	450	463	1 392	1 369
Farms with—								
1 worker ..... farms..	22	25	43	41	31	48	91	87
workers..	22	25	(D)	41	31	48	91	87
2 workers ..... farms..	4	17	43	14	59	30	56	57
workers..	(D)	34	86	(D)	118	60	112	114
3 or 4 workers ..... farms..	6	18	38	45	29	26	97	84
workers..	19	72	123	148	103	86	333	259
5 to 9 workers ..... farms..	4	22	14	13	14	26	33	40
workers..	25	128	93	77	97	161	202	288
10 workers or more ..... farms..	2	46	1	2	3	7	21	21
workers..	(D)	1 226	(D)	(D)	101	108	654	621
Reported only workers working 150 days or more ..... farms..	–	28	8	7	2	22	11	28
workers..	–	41	28	16	(D)	84	69	49
$1,000 payroll..	–	372	426	237	(D)	994	620	550
Reported only workers working less than 150 days ..... farms..	22	77	117	65	124	74	216	174
workers..	41	510	292	169	327	195	605	541
$1,000 payroll..	26	293	104	188	(D)	145	491	369
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	16	51	22	50	12	63	82	115
150 days or more..	31	178	79	120	(D)	181	571	411
less than 150 days..	60	975	69	189	123	268	787	828
$1,000 payroll..	288	3 792	643	1 071	454	1 980	9 089	6 713

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—Con.

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

All farms	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Hired farm labor ..... farms..	20	124	183	184	270	93	34	114
workers..	58	1 401	1 208	1 245	3 648	583	120	402
$1,000 payroll..	81	6 395	5 092	10 320	9 657	2 938	202	1 435
Farms with—								
1 worker ..... farms..	2	25	21	37	27	13	8	45
workers..	(D)	25	21	37	27	13	(D)	45
2 workers ..... farms..	6	24	79	60	14	38	10	25
workers..	12	48	158	120	28	76	20	50
3 or 4 workers ..... farms..	10	4	22	46	44	18	9	24
workers..	30	15	69	162	162	67	33	76
5 to 9 workers ..... farms..	2	33	27	18	69	15	6	16
workers..	(D)	213	158	132	502	92	34	97
10 workers or more ..... farms..	–	38	34	23	116	9	1	4
workers..	–	1 100	802	794	2 929	335	(D)	134
Workers by days worked:								
150 days or more ..... farms..	6	50	84	92	101	39	14	47
workers..	15	246	337	384	390	112	19	139
Farms with—								
1 worker ..... farms..	4	14	23	38	50	9	10	22
workers..	(D)	14	23	38	50	(D)	10	22
2 workers ..... farms..	–	6	21	29	20	14	3	4
workers..	–	12	42	58	40	28	(D)	(D)
3 or 4 workers ..... farms..	–	16	14	4	13	10	1	12
workers..	–	59	49	14	45	32	(D)	37
5 to 9 workers ..... farms..	2	9	20	15	8	5	–	8
workers..	(D)	61	129	79	52	31	–	47
10 workers or more ..... farms..	–	5	6	6	10	1	–	1
workers..	–	100	94	195	203	(D)	–	(D)
Less than 150 days ..... farms..	19	115	148	174	257	79	32	97
workers..	43	1 155	871	861	3 258	471	101	263
Farms with—								
1 worker ..... farms..	6	32	37	69	24	15	11	53
workers..	(D)	32	37	69	24	15	(D)	53
2 workers ..... farms..	2	17	59	44	19	36	8	29
workers..	(D)	34	118	88	38	72	16	58
3 or 4 workers ..... farms..	11	4	12	33	35	15	8	3
workers..	33	12	38	123	126	52	28	(D)
5 to 9 workers ..... farms..	–	26	16	9	68	7	4	11
workers..	–	165	89	48	467	44	22	68
10 workers or more ..... farms..	–	36	24	19	111	6	1	1
workers..	–	912	589	533	2 603	288	(D)	(D)
Reported only workers working 150 days or more ..... farms..	1	9	35	10	13	14	2	17
workers..	(D)	38	127	30	38	39	(D)	50
$1,000 payroll..	(D)	564	783	329	366	388	(D)	506
Reported only workers working less than 150 days ..... farms..	14	74	99	92	169	54	20	67
workers..	36	420	456	223	1 811	193	49	119
$1,000 payroll..	6	948	1 170	518	2 292	235	(D)	89
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	5	41	49	82	88	25	12	30
150 days or more..	10	208	210	354	352	73	(D)	89
less than 150 days..	(D)	735	415	638	1 447	278	52	144
$1,000 payroll..	(D)	4 882	3 139	9 473	7 000	2 315	117	839

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—Con.

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

All farms	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Hired farm labor ..... farms..	16	41	592	82	5	287	152	219
workers..	37	143	8 480	263	8	1 344	658	1 085
$1,000 payroll..	48	311	45 110	782	(D)	4 924	2 839	4 486
Farms with—								
1 worker ..... farms..	6	11	98	10	3	92	51	70
workers..	(D)	(D)	98	10	(D)	92	51	70
2 workers ..... farms..	4	16	110	53	1	60	37	52
workers..	8	32	220	106	(D)	120	74	104
3 or 4 workers ..... farms..	5	6	132	7	1	70	36	49
workers..	17	21	472	26	(D)	241	135	175
5 to 9 workers ..... farms..	1	6	94	6	–	36	14	29
workers..	(D)	38	598	41	–	214	80	188
10 workers or more ..... farms..	–	2	158	6	–	29	14	19
workers..	–	(D)	7 092	80	–	677	318	548
Workers by days worked:								
150 days or more ..... farms..	6	17	256	31	1	111	33	106
workers..	11	31	2 250	45	(D)	247	92	211
Farms with—								
1 worker ..... farms..	5	13	91	24	1	68	16	63
workers..	(D)	13	91	24	(D)	68	16	63
2 workers ..... farms..	–	3	54	2	–	26	9	16
workers..	–	(D)	108	(D)	–	52	18	(D)
3 or 4 workers ..... farms..	–	–	45	5	–	10	5	18
workers..	–	–	151	(D)	–	32	17	58
5 to 9 workers ..... farms..	1	–	28	–	–	5	1	8
workers..	(D)	–	182	–	–	(D)	(D)	48
10 workers or more ..... farms..	–	1	38	–	–	2	2	1
workers..	–	(D)	1 718	–	–	(D)	(D)	(D)
Less than 150 days ..... farms..	14	41	540	77	5	250	144	181
workers..	26	112	6 230	218	(D)	1 097	566	874
Farms with—								
1 worker ..... farms..	7	19	132	30	4	95	47	72
workers..	7	19	132	30	4	95	47	72
2 workers ..... farms..	3	8	78	31	–	42	45	31
workers..	6	(D)	156	62	–	84	90	62
3 or 4 workers ..... farms..	4	7	116	4	1	59	30	44
workers..	13	24	401	14	(D)	188	102	146
5 to 9 workers ..... farms..	–	5	82	6	–	29	10	17
workers..	–	26	517	37	–	179	61	117
10 workers or more ..... farms..	–	2	132	6	–	25	12	17
workers..	–	(D)	5 024	75	–	551	266	477
Reported only workers working 150 days or more ..... farms..	2	–	52	5	–	37	8	38
workers..	(D)	–	199	12	–	78	18	71
$1,000 payroll..	(D)	–	2 889	122	–	1 212	457	1 121
Reported only workers working less than 150 days ..... farms..	10	24	336	51	4	176	119	113
workers..	19	44	1 959	148	(D)	536	383	348
$1,000 payroll..	9	15	3 027	220	(D)	576	961	609
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	4	17	204	26	1	74	25	68
150 days or more..	(D)	31	2 051	33	(D)	169	74	140
less than 150 days..	7	68	4 271	70	(D)	561	183	526
$1,000 payroll..	(D)	296	39 193	440	(D)	3 136	1 421	2 757

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—Con.

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

All farms	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Hired farm labor ..... farms..	435	20	260	405	446	289	120	60
workers..	1 671	71	826	2 415	7 899	1 395	1 078	352
$1,000 payroll..	8 297	119	2 717	7 821	17 191	5 459	5 460	979
Farms with—								
1 worker ..... farms..	130	5	74	88	63	127	36	13
workers..	130	5	74	88	63	127	36	13
2 workers ..... farms..	93	2	97	82	103	75	24	21
workers..	186	(D)	194	164	206	150	48	42
3 or 4 workers ..... farms..	115	11	51	90	82	44	26	9
workers..	379	36	183	308	271	155	95	30
5 to 9 workers ..... farms..	52	1	31	77	67	22	12	9
workers..	329	(D)	179	507	479	129	75	51
10 workers or more ..... farms..	45	1	7	68	131	21	22	8
workers..	647	(D)	196	1 348	6 880	834	824	216
Workers by days worked:								
150 days or more ..... farms..	228	7	78	149	152	145	52	22
workers..	527	10	129	369	972	496	327	56
Farms with—								
1 worker ..... farms..	114	5	63	73	68	99	13	14
workers..	114	(D)	63	73	68	99	13	14
2 workers ..... farms..	36	1	7	38	40	16	11	4
workers..	72	(D)	14	76	80	32	22	(D)
3 or 4 workers ..... farms..	59	1	3	24	15	19	11	1
workers..	188	(D)	(D)	82	52	66	41	(D)
5 to 9 workers ..... farms..	15	–	3	9	10	5	9	–
workers..	104	–	18	50	64	28	59	–
10 workers or more ..... farms..	4	–	2	5	19	6	8	3
workers..	49	–	(D)	88	708	271	192	31
Less than 150 days ..... farms..	361	17	246	376	431	236	109	59
workers..	1 144	61	697	2 046	6 927	899	751	296
Farms with—								
1 worker ..... farms..	174	3	87	100	84	118	38	22
workers..	174	(D)	87	100	84	118	38	22
2 workers ..... farms..	53	6	77	95	73	50	23	14
workers..	106	12	154	190	146	100	46	28
3 or 4 workers ..... farms..	67	6	54	47	85	46	26	8
workers..	208	20	170	168	279	152	87	28
5 to 9 workers ..... farms..	37	1	22	76	63	7	9	7
workers..	223	(D)	128	516	419	51	48	39
10 workers or more ..... farms..	30	1	6	58	126	15	13	8
workers..	433	(D)	158	1 072	5 999	478	532	179
Reported only workers working 150 days or more ..... farms..	74	3	14	29	15	53	11	1
workers..	203	5	26	64	(D)	83	47	(D)
$1,000 payroll..	2 605	(D)	251	771	(D)	747	421	(D)
Reported only workers working less than 150 days ..... farms..	207	13	182	256	294	144	68	38
workers..	585	53	401	1 025	1 997	228	140	123
$1,000 payroll..	806	46	405	1 296	(D)	360	126	(D)
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	154	4	64	120	137	92	41	21
150 days or more..	324	5	103	305	(D)	413	280	(D)
less than 150 days..	559	8	296	1 021	4 930	671	611	173
$1,000 payroll..	4 886	(D)	2 061	5 754	13 352	4 353	4 913	877

Table 6. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992

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

All farms	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
FARMS AND LAND IN FARMS							
Farms ..... number, 1997..	46 027	207	60	1 337	412	261	325
1992..	46 562	209	58	1 469	379	247	276
Land in farms ..... acres, 1997..	9 872 812	43 383	16 029	236 936	78 047	55 166	86 240
1992..	10 088 170	42 572	16 099	246 403	77 493	51 517	82 418
Average size of farm ..... acres, 1997..	215	210	267	177	189	211	265
1992..	217	204	278	168	204	209	299
Estimated market value of land and buildings[1] .... farms, 1997..	46 040	207	60	1 335	411	261	324
1992..	46 558	208	58	1 468	378	247	276
$1,000, 1997..	16 489 949	44 608	13 757	470 798	93 740	66 051	105 573
1992..	11 517 049	30 795	9 560	347 124	50 386	49 968	74 577
Average per farm ..... dollars, 1997..	358 166	215 500	229 290	352 657	228 078	253 068	325 842
1992..	247 370	148 051	164 828	236 460	133 297	202 299	270 205
Average per acre ..... dollars, 1997..	1 671	965	858	1 979	1 172	1 231	1 286
1992..	1 131	735	594	1 427	718	924	865
1997 farms by value group:							
$1 to $39,999	2 925	7	3	84	36	19	27
$40,000 to $69,999	3 781	15	5	110	43	24	27
$70,000 to $99,999	4 603	27	7	140	61	17	52
$100,000 to $149,999	7 553	23	11	242	111	47	45
$150,000 to $199,999	5 941	48	10	147	49	36	15
$200,000 to $499,999	13 173	76	20	389	64	91	109
$500,000 to $999,999	4 701	7	2	131	32	22	23
$1,000,000 to $1,999,999	2 280	3	2	61	12	2	21
$2,000,000 to $4,999,999	921	1	–	25	3	3	5
$5,000,000 or more	162	–	–	6	–	–	–
Approximate land area ..... acres, 1997..	36 357 886	431 660	587 488	529 625	367 468	305 247	234 797
Proportion in farms ..... percent, 1997..	27.2	10.1	2.7	44.7	21.2	18.1	36.7
1997 size of farm:							
1 to 9 acres ..... farms..	2 611	5	1	113	14	15	8
acres..	11 808	(D)	(D)	536	(D)	(D)	36
10 to 49 acres ..... farms..	12 075	32	10	430	85	54	50
acres..	332 869	960	266	11 532	2 400	1 654	1 573
50 to 69 acres ..... farms..	3 563	8	1	133	24	15	21
acres..	208 058	443	(D)	7 852	1 371	904	1 240
70 to 99 acres ..... farms..	5 801	28	4	141	69	42	46
acres..	472 895	2 231	342	11 453	5 617	3 470	3 744
100 to 139 acres ..... farms..	4 572	30	8	126	51	28	43
acres..	532 355	3 434	961	14 659	6 094	3 275	5 101
140 to 179 acres ..... farms..	3 503	25	7	89	51	27	25
acres..	551 805	3 943	1 116	13 841	8 035	4 268	3 911
180 to 219 acres ..... farms..	2 401	19	6	68	30	14	20
acres..	473 869	3 701	1 192	13 520	6 010	(D)	3 907
220 to 259 acres ..... farms..	1 683	10	4	33	11	12	13
acres..	400 224	2 327	965	7 834	(D)	2 825	3 124
260 to 499 acres ..... farms..	4 905	33	11	93	43	32	57
acres..	1 749 221	10 954	4 129	31 998	14 461	11 147	20 447
500 to 999 acres ..... farms..	3 201	15	6	68	25	14	25
acres..	2 221 015	10 495	4 370	47 353	16 342	10 643	17 102
1,000 to 1,999 acres ..... farms..	1 338	1	2	33	8	7	13
acres..	1 773 514	(D)	(D)	41 718	10 966	8 796	16 845
2,000 acres or more ..... farms..	374	1	–	10	1	1	4
acres..	1 145 179	(D)	–	34 640	(D)	(D)	9 210
1992 size of farm:							
1 to 9 acres ..... farms..	2 562	7	2	105	11	19	5
acres..	10 907	(D)	(D)	433	(D)	73	(D)
10 to 49 acres ..... farms..	11 148	31	3	437	52	40	43
acres..	311 060	1 005	67	12 122	1 526	1 232	1 355
50 to 69 acres ..... farms..	3 334	11	2	139	15	18	14
acres..	194 315	637	(D)	7 965	854	1 059	797
70 to 99 acres ..... farms..	5 679	35	4	179	67	28	32
acres..	463 983	2 816	316	14 588	5 488	2 299	2 554
100 to 139 acres ..... farms..	4 796	31	11	145	59	24	31
acres..	559 470	3 557	1 305	16 674	7 123	2 694	3 615
140 to 179 acres ..... farms..	3 640	20	8	98	42	21	15
acres..	572 489	3 106	1 265	15 594	6 518	3 327	2 382
180 to 219 acres ..... farms..	2 566	16	7	72	25	19	15
acres..	505 145	3 158	1 385	14 137	4 800	3 735	2 889
220 to 259 acres ..... farms..	1 968	11	6	61	19	18	13
acres..	466 247	2 570	1 435	14 660	4 443	4 273	3 019
260 to 499 acres ..... farms..	5 755	29	7	134	57	37	56
acres..	2 043 779	9 946	3 028	47 690	19 461	12 951	18 950
500 to 999 acres ..... farms..	3 576	12	6	69	25	18	37
acres..	2 445 241	7 178	4 459	46 598	16 576	12 775	24 328
1,000 to 1,999 acres ..... farms..	1 234	5	2	19	6	5	13
acres..	1 609 317	5 650	(D)	25 354	8 375	7 099	17 900
2,000 acres or more ..... farms..	304	1	–	11	1	–	2
acres..	906 217	(D)	–	30 588	(D)	–	(D)

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
FARMS AND LAND IN FARMS							
Farms ..... number, 1997..	54	881	730	140	1 182	980	1 085
1992..	57	833	795	120	1 312	935	1 080
Land in farms ..... acres, 1997..	14 988	164 815	175 931	22 556	173 958	234 076	243 151
1992..	14 104	165 371	181 052	19 844	166 886	227 665	244 927
Average size of farm ..... acres, 1997..	278	187	241	161	147	239	224
1992..	247	199	228	165	127	243	227
Estimated market value of land and buildings[1] .... farms, 1997..	54	881	730	140	1 183	980	1 085
1992..	57	833	794	120	1 313	935	1 081
$1,000, 1997..	12 487	281 165	283 487	41 538	334 435	298 886	326 625
1992..	6 721	166 133	233 180	20 818	244 952	232 327	229 419
Average per farm ..... dollars, 1997..	231 249	319 143	388 338	296 703	282 701	304 986	301 037
1992..	117 918	199 439	293 678	173 486	186 559	248 478	212 228
Average per acre ..... dollars, 1997..	833	1 813	1 606	2 026	1 913	1 352	1 333
1992..	477	1 035	1 250	1 145	1 461	1 001	950
1997 farms by value group:							
$1 to $39,999	2	35	45	7	122	87	67
$40,000 to $69,999	4	104	53	10	139	151	78
$70,000 to $99,999	11	49	36	15	107	93	113
$100,000 to $149,999	13	187	140	29	251	180	195
$150,000 to $199,999	6	162	92	17	147	127	167
$200,000 to $499,999	12	210	208	39	261	205	306
$500,000 to $999,999	3	83	94	15	99	78	97
$1,000,000 to $1,999,999	3	30	47	7	35	33	45
$2,000,000 to $4,999,999	–	20	13	1	21	21	16
$5,000,000 or more	–	1	2	–	1	5	1
Approximate land area ..... acres, 1997..	578 661	355 942	284 329	205 657	365 463	324 748	453 684
Proportion in farms ..... percent, 1997..	2.6	46.3	61.9	11.0	47.6	72.1	53.6
1997 size of farm:							
1 to 9 acres ..... farms..	1	28	41	8	113	47	40
acres..	(D)	137	185	(D)	559	191	187
10 to 49 acres ..... farms..	8	211	165	35	467	210	225
acres..	270	5 943	4 602	939	12 425	6 354	6 389
50 to 69 acres ..... farms..	–	106	55	14	123	87	84
acres..	–	6 175	3 263	833	7 247	5 013	4 847
70 to 99 acres ..... farms..	11	143	93	19	104	161	164
acres..	916	11 875	7 662	1 556	8 471	13 132	13 458
100 to 139 acres ..... farms..	3	99	73	14	94	95	105
acres..	340	11 465	8 496	1 639	11 219	11 026	12 203
140 to 179 acres ..... farms..	6	82	58	9	57	78	109
acres..	970	12 813	9 159	1 453	9 035	12 176	17 239
180 to 219 acres ..... farms..	4	30	32	6	41	57	64
acres..	812	6 023	6 332	(D)	8 055	11 078	12 673
220 to 259 acres ..... farms..	2	27	31	7	34	29	41
acres..	(D)	6 447	7 278	1 631	8 032	7 051	9 674
260 to 499 acres ..... farms..	5	82	78	18	81	99	134
acres..	1 742	28 208	28 947	6 418	28 858	35 615	46 028
500 to 999 acres ..... farms..	14	52	70	9	42	68	85
acres..	9 439	36 931	48 342	5 837	28 955	48 715	61 233
1,000 to 1,999 acres ..... farms..	–	15	26	1	19	39	24
acres..	–	21 724	32 684	(D)	25 141	52 158	32 328
2,000 acres or more ..... farms..	–	6	8	–	7	10	10
acres..	–	17 074	18 981	–	25 961	31 567	26 892
1992 size of farm:							
1 to 9 acres ..... farms..	–	30	50	3	121	53	59
acres..	–	115	200	(D)	603	221	231
10 to 49 acres ..... farms..	10	192	149	22	528	174	222
acres..	315	5 579	4 476	648	13 803	5 486	6 774
50 to 69 acres ..... farms..	1	78	62	20	123	60	67
acres..	(D)	4 447	3 631	1 172	7 157	3 420	3 812
70 to 99 acres ..... farms..	7	134	120	17	121	134	151
acres..	576	10 906	9 887	1 423	9 910	11 049	12 221
100 to 139 acres ..... farms..	6	86	86	12	101	94	91
acres..	696	10 143	10 063	1 430	11 747	10 862	10 486
140 to 179 acres ..... farms..	7	66	52	8	100	67	99
acres..	1 109	10 402	8 152	1 285	15 478	10 646	15 773
180 to 219 acres ..... farms..	2	35	42	9	45	49	70
acres..	(D)	6 909	8 433	1 776	8 817	9 653	13 723
220 to 259 acres ..... farms..	4	42	33	7	35	27	46
acres..	974	10 011	7 772	1 674	8 376	6 342	10 893
260 to 499 acres ..... farms..	13	85	87	13	68	154	136
acres..	4 805	30 806	30 937	4 257	22 840	54 682	48 214
500 to 999 acres ..... farms..	7	64	87	8	45	91	112
acres..	5 166	46 216	57 981	4 704	29 351	63 161	81 199
1,000 to 1,999 acres ..... farms..	–	18	23	1	22	24	22
acres..	–	22 440	30 698	(D)	27 736	29 478	28 506
2,000 acres or more ..... farms..	–	3	4	–	3	8	5
acres..	–	7 397	8 822	–	11 068	22 665	13 095

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
FARMS AND LAND IN FARMS							
Farms ..... number, 1997..	700	188	210	319	350	1 123	27
1992..	735	196	170	332	292	1 207	17
Land in farms ..... acres, 1997..	176 831	31 077	50 582	98 979	62 831	243 850	2 568
1992..	186 431	41 037	40 871	92 809	64 084	256 236	1 402
Average size of farm ..... acres, 1997..	253	165	241	310	180	217	95
1992..	254	209	240	280	219	212	82
Estimated market value of land and buildings[1] .... farms, 1997..	700	187	209	319	350	1 126	27
1992..	735	195	170	333	292	1 207	17
$1,000, 1997..	279 671	44 983	52 052	84 500	83 774	403 557	4 268
1992..	186 044	31 481	24 638	47 571	35 438	257 964	1 725
Average per farm ..... dollars, 1997..	399 530	240 551	249 054	264 891	239 355	358 399	158 085
1992..	253 121	161 439	144 930	142 856	121 363	213 723	101 459
Average per acre ..... dollars, 1997..	1 590	1 511	1 052	881	1 317	1 583	1 662
1992..	1 000	941	628	448	635	1 046	1 230
1997 farms by value group:							
$1 to $39,999	38	14	8	10	25	71	1
$40,000 to $69,999	32	16	24	11	36	32	3
$70,000 to $99,999	107	37	27	62	34	89	2
$100,000 to $149,999	130	31	48	79	84	205	4
$150,000 to $199,999	52	27	24	26	52	206	9
$200,000 to $499,999	211	42	55	89	87	341	8
$500,000 to $999,999	57	17	14	26	13	103	–
$1,000,000 to $1,999,999	57	2	6	15	18	59	–
$2,000,000 to $4,999,999	13	–	3	1	1	17	–
$5,000,000 or more	3	1	–	–	–	3	–
Approximate land area ..... acres, 1997..	315 033	266 784	457 985	999 090	362 791	365 750	357 226
Proportion in farms ..... percent, 1997..	56.1	11.6	11.0	9.9	17.3	66.7	.7
1997 size of farm:							
1 to 9 acres ..... farms..	39	9	8	4	10	57	3
acres..	187	(D)	(D)	8	(D)	242	14
10 to 49 acres ..... farms..	164	37	36	32	74	273	10
acres..	4 637	1 017	1 067	1 031	2 273	7 791	336
50 to 69 acres ..... farms..	55	19	12	14	29	87	4
acres..	3 206	1 132	717	780	1 684	5 186	231
70 to 99 acres ..... farms..	85	29	29	43	59	173	3
acres..	7 004	2 382	2 352	3 464	4 746	14 112	227
100 to 139 acres ..... farms..	61	21	24	33	52	104	3
acres..	7 076	2 442	2 756	4 000	6 101	11 863	(D)
140 to 179 acres ..... farms..	51	23	17	38	31	98	1
acres..	8 137	3 560	2 691	5 982	4 859	15 555	(D)
180 to 219 acres ..... farms..	34	5	16	18	15	65	–
acres..	6 592	938	3 118	3 483	(D)	12 873	–
220 to 259 acres ..... farms..	33	11	17	19	24	37	2
acres..	7 797	2 650	3 995	4 551	5 652	8 727	(D)
260 to 499 acres ..... farms..	78	19	26	53	23	119	–
acres..	28 324	6 313	9 860	18 449	7 521	41 799	–
500 to 999 acres ..... farms..	62	13	20	50	28	66	1
acres..	44 557	8 263	14 367	33 310	19 191	44 314	(D)
1,000 to 1,999 acres ..... farms..	33	2	3	12	4	31	–
acres..	45 461	(D)	3 800	16 735	5 131	40 597	–
2,000 acres or more ..... farms..	5	–	2	3	1	13	–
acres..	13 853	–	(D)	7 186	(D)	40 791	–
1992 size of farm:							
1 to 9 acres ..... farms..	45	4	5	6	9	33	1
acres..	172	17	22	(D)	(D)	150	(D)
10 to 49 acres ..... farms..	166	37	29	29	47	261	7
acres..	4 537	1 017	943	974	1 571	7 568	226
50 to 69 acres ..... farms..	49	14	11	13	23	81	1
acres..	2 904	825	663	752	1 342	4 745	(D)
70 to 99 acres ..... farms..	80	28	25	31	48	167	3
acres..	6 738	2 283	2 012	2 465	4 019	13 693	241
100 to 139 acres ..... farms..	62	26	17	43	23	147	2
acres..	7 093	3 064	2 004	5 132	2 605	17 191	(D)
140 to 179 acres ..... farms..	56	19	11	38	31	117	1
acres..	8 736	2 950	1 740	5 971	4 818	18 411	(D)
180 to 219 acres ..... farms..	32	11	20	24	19	79	–
acres..	6 295	2 183	3 938	4 703	3 678	15 498	–
220 to 259 acres ..... farms..	35	5	5	27	30	52	2
acres..	8 308	1 197	1 183	6 328	7 167	12 338	(D)
260 to 499 acres ..... farms..	108	34	23	66	32	159	–
acres..	37 410	11 488	8 937	24 137	11 701	56 156	–
500 to 999 acres ..... farms..	70	13	21	49	25	74	–
acres..	49 767	8 916	14 836	32 750	17 012	50 061	–
1,000 to 1,999 acres ..... farms..	26	5	2	5	3	30	–
acres..	36 768	7 097	(D)	6 966	3 805	38 210	–
2,000 acres or more ..... farms..	6	–	1	1	2	7	–
acres..	17 703	–	(D)	(D)	(D)	22 215	–

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
FARMS AND LAND IN FARMS							
Farms ..... number, 1997..	253	116	1 062	207	796	424	48
1992..	237	99	1 069	188	799	400	50
Land in farms ..... acres, 1997..	70 232	28 298	231 870	40 115	117 968	68 036	4 197
1992..	72 777	28 415	233 921	40 365	137 082	61 535	5 965
Average size of farm ..... acres, 1997..	278	244	218	194	148	160	87
1992..	307	287	219	215	172	154	119
Estimated market value of land and buildings[1] .... farms, 1997..	251	116	1 061	207	798	424	48
1992..	236	98	1 069	188	798	400	50
$1,000, 1997..	51 427	26 679	353 878	72 873	240 381	73 357	4 740
1992..	34 923	15 549	252 608	44 487	192 611	48 727	4 088
Average per farm ..... dollars, 1997..	204 889	229 988	333 533	352 044	301 229	173 013	98 742
1992..	147 978	158 663	236 304	236 632	241 367	121 819	81 769
Average per acre ..... dollars, 1997..	759	943	1 524	1 820	2 106	1 204	1 129
1992..	463	595	1 078	1 033	1 416	841	685
1997 farms by value group:							
$1 to $39,999	19	7	70	7	44	57	7
$40,000 to $69,999	19	20	63	18	75	35	12
$70,000 to $99,999	43	9	153	16	84	53	10
$100,000 to $149,999	27	21	187	31	137	79	8
$150,000 to $199,999	33	11	138	25	124	74	6
$200,000 to $499,999	98	36	252	59	250	112	5
$500,000 to $999,999	9	11	130	36	54	12	–
$1,000,000 to $1,999,999	2	1	47	14	15	1	–
$2,000,000 to $4,999,999	1	–	17	1	13	–	–
$5,000,000 or more	–	–	4	–	2	1	–
Approximate land area ..... acres, 1997..	748 922	490 510	368 991	299 491	409 385	324 381	705 239
Proportion in farms ..... percent, 1997..	9.4	5.8	62.8	13.4	28.8	21.0	.6
1997 size of farm:							
1 to 9 acres ..... farms..	9	5	65	11	56	8	3
acres..	43	20	305	57	277	20	6
10 to 49 acres ..... farms..	28	26	295	37	338	83	9
acres..	754	736	8 119	1 105	8 797	2 651	331
50 to 69 acres ..... farms..	12	7	77	18	88	21	8
acres..	689	415	4 566	1 066	5 104	1 281	479
70 to 99 acres ..... farms..	28	8	137	37	92	88	11
acres..	2 277	645	11 221	3 152	7 455	7 082	920
100 to 139 acres ..... farms..	28	8	102	19	50	56	9
acres..	3 301	860	11 814	2 206	5 774	6 483	1 040
140 to 179 acres ..... farms..	27	6	59	18	39	50	4
acres..	4 223	(D)	9 125	2 836	6 178	7 820	619
180 to 219 acres ..... farms..	20	6	60	8	24	35	4
acres..	3 872	1 148	11 741	1 564	4 741	6 845	802
220 to 259 acres ..... farms..	11	11	45	7	15	23	–
acres..	2 668	2 582	10 720	1 638	3 473	5 453	–
260 to 499 acres ..... farms..	50	26	122	35	43	37	–
acres..	18 631	9 613	44 225	12 518	14 894	13 363	–
500 to 999 acres ..... farms..	29	11	56	12	26	20	–
acres..	19 293	8 326	39 978	8 169	17 744	13 013	–
1,000 to 1,999 acres ..... farms..	11	2	32	5	18	3	–
acres..	14 481	(D)	42 873	5 804	23 644	4 025	–
2,000 acres or more ..... farms..	–	–	12	–	7	–	–
acres..	–	–	37 183	–	19 887	–	–
1992 size of farm:							
1 to 9 acres ..... farms..	3	4	55	11	52	10	2
acres..	(D)	20	274	(D)	223	31	(D)
10 to 49 acres ..... farms..	32	18	269	24	303	73	7
acres..	1 099	642	7 267	728	8 491	2 302	240
50 to 69 acres ..... farms..	11	2	79	14	82	22	3
acres..	645	(D)	4 608	862	4 825	1 315	179
70 to 99 acres ..... farms..	25	2	110	20	89	91	16
acres..	2 071	(D)	9 168	1 657	7 283	7 303	1 384
100 to 139 acres ..... farms..	23	11	111	22	68	58	6
acres..	2 777	1 266	12 868	2 540	7 852	6 729	693
140 to 179 acres ..... farms..	20	6	58	22	39	41	5
acres..	3 196	922	9 299	3 442	6 035	6 442	795
180 to 219 acres ..... farms..	16	9	64	17	34	18	5
acres..	3 103	1 740	12 585	3 263	6 775	3 537	1 016
220 to 259 acres ..... farms..	11	6	59	6	20	20	2
acres..	2 577	1 459	13 928	1 414	4 682	4 707	(D)
260 to 499 acres ..... farms..	50	25	145	38	59	49	4
acres..	17 836	9 605	50 728	13 450	20 688	15 689	(D)
500 to 999 acres ..... farms..	34	15	82	9	22	14	–
acres..	24 386	11 434	55 189	5 913	15 850	8 979	–
1,000 to 1,999 acres ..... farms..	11	1	30	4	23	4	–
acres..	13 076	(D)	39 717	4 705	32 077	4 501	–
2,000 acres or more ..... farms..	1	–	7	1	8	–	–
acres..	(D)	–	18 290	(D)	22 301	–	–

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
FARMS AND LAND IN FARMS								
Farms ..... number, 1997..	413	873	1 236	128	1 184	827	1 004	238
1992..	409	914	1 018	139	1 325	835	1 007	206
Land in farms ..... acres, 1997..	61 767	276 833	257 469	23 126	424 122	190 405	236 652	42 667
1992..	66 789	277 400	231 557	29 161	438 914	193 688	254 793	47 308
Average size of farm ..... acres, 1997..	150	317	208	181	358	230	236	179
1992..	163	304	227	210	331	232	253	230
Estimated market value of land and buildings[1] .... farms, 1997..	415	873	1 234	128	1 184	826	1 006	237
1992..	409	914	1 018	138	1 324	837	1 006	207
$1,000, 1997..	136 773	396 116	334 675	21 072	717 427	322 307	336 455	48 907
1992..	107 248	281 351	218 682	16 129	503 152	231 582	234 180	30 348
Average per farm ..... dollars, 1997..	329 574	453 741	271 212	164 622	605 935	390 202	334 448	206 358
1992..	262 220	307 824	214 815	116 879	380 024	276 681	232 784	146 607
Average per acre ..... dollars, 1997..	2 051	1 401	1 276	818	1 681	1 680	1 439	1 235
1992..	1 756	1 017	902	585	1 139	1 179	933	734
1997 farms by value group:								
$1 to $39,999	50	56	82	5	80	64	65	8
$40,000 to $69,999	53	78	103	29	64	90	92	33
$70,000 to $99,999	15	109	193	25	79	45	90	26
$100,000 to $149,999	70	189	279	30	123	114	190	52
$150,000 to $199,999	39	82	195	19	102	98	146	30
$200,000 to $499,999	126	178	221	16	318	259	258	69
$500,000 to $999,999	28	80	110	1	198	97	107	17
$1,000,000 to $1,999,999	27	58	32	3	150	41	38	2
$2,000,000 to $4,999,999	7	36	19	–	63	13	17	–
$5,000,000 or more	–	7	–	–	7	5	3	–
Approximate land area ..... acres, 1997..	297 660	364 904	383 269	647 515	535 414	357 909	366 873	351 456
Proportion in farms ..... percent, 1997..	20.8	75.9	67.2	3.6	79.2	53.2	64.5	12.1
1997 size of farm:								
1 to 9 acres ..... farms..	30	53	49	4	62	54	49	9
acres..	(D)	195	213	(D)	263	234	207	(D)
10 to 49 acres ..... farms..	134	174	317	23	181	294	233	64
acres..	3 595	5 617	9 618	814	5 493	7 401	6 673	1 921
50 to 69 acres ..... farms..	29	72	119	9	54	63	81	10
acres..	1 677	4 107	6 921	543	3 177	3 664	4 827	565
70 to 99 acres ..... farms..	60	106	204	20	122	83	127	30
acres..	4 876	8 653	16 798	1 631	10 045	6 680	10 313	2 429
100 to 139 acres ..... farms..	42	80	129	20	103	58	148	25
acres..	4 772	9 239	15 011	2 367	11 969	6 843	17 306	2 921
140 to 179 acres ..... farms..	27	63	86	13	73	48	58	21
acres..	4 231	10 048	13 540	2 052	11 444	7 610	9 102	3 377
180 to 219 acres ..... farms..	18	34	63	6	81	36	53	19
acres..	3 513	6 680	12 434	1 137	15 837	7 226	10 458	3 725
220 to 259 acres ..... farms..	8	27	50	5	42	23	31	15
acres..	(D)	6 417	12 034	1 215	10 102	5 451	7 331	3 594
260 to 499 acres ..... farms..	41	106	97	22	213	81	106	25
acres..	14 480	39 599	34 586	7 153	78 222	29 704	38 333	9 095
500 to 999 acres ..... farms..	16	91	73	4	152	51	74	18
acres..	10 458	62 813	52 746	2 365	106 930	34 318	50 272	11 949
1,000 to 1,999 acres ..... farms..	7	47	37	1	82	22	33	2
acres..	9 357	63 874	51 133	(D)	108 153	29 113	41 057	(D)
2,000 acres or more ..... farms..	1	20	12	1	19	14	11	–
acres..	(D)	59 591	32 435	(D)	62 487	52 161	40 773	–
1992 size of farm:								
1 to 9 acres ..... farms..	33	45	42	2	84	53	36	5
acres..	(D)	156	183	(D)	300	247	161	15
10 to 49 acres ..... farms..	104	143	234	15	140	281	193	42
acres..	2 876	4 790	6 758	552	3 869	7 413	5 887	1 170
50 to 69 acres ..... farms..	32	64	77	8	41	65	69	9
acres..	1 881	3 681	4 459	480	2 387	3 700	4 067	520
70 to 99 acres ..... farms..	61	122	140	32	143	80	115	20
acres..	5 034	10 022	11 617	2 558	11 440	6 527	9 452	1 633
100 to 139 acres ..... farms..	46	95	107	17	122	48	158	28
acres..	5 214	11 188	12 527	2 050	14 074	5 589	18 632	3 209
140 to 179 acres ..... farms..	37	69	66	16	112	40	71	25
acres..	5 856	10 856	10 446	2 480	17 469	6 232	11 118	4 014
180 to 219 acres ..... farms..	23	45	58	4	93	42	57	15
acres..	4 401	8 703	11 373	780	18 424	8 334	11 139	3 049
220 to 259 acres ..... farms..	12	30	46	7	55	34	46	11
acres..	2 862	7 104	10 860	1 650	13 059	7 904	10 931	2 654
260 to 499 acres ..... farms..	34	131	117	28	265	100	131	30
acres..	12 176	48 616	40 002	9 588	96 151	35 793	47 256	10 765
500 to 999 acres ..... farms..	19	104	90	7	180	59	92	18
acres..	12 629	71 541	63 754	4 651	122 072	40 063	61 816	12 325
1,000 to 1,999 acres ..... farms..	6	56	37	2	72	19	25	2
acres..	6 472	73 384	50 212	(D)	93 853	25 174	33 573	(D)
2,000 acres or more ..... farms..	2	10	4	1	18	14	14	1
acres..	(D)	27 359	9 366	(D)	45 816	46 712	40 761	(D)

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
FARMS AND LAND IN FARMS								
Farms ..... number, 1997..	86	911	987	696	139	1 136	5	126
1992..	75	883	1 041	745	79	1 190	3	101
Land in farms ..... acres, 1997..	23 823	216 651	181 287	146 927	21 375	186 453	(D)	22 971
1992..	29 763	199 733	210 638	154 482	16 076	190 706	264	18 047
Average size of farm ..... acres, 1997..	277	238	184	211	154	164	(D)	182
1992..	397	226	202	207	203	160	88	179
Estimated market value of land and buildings[1] .... farms, 1997..	86	912	988	696	139	1 136	5	125
1992..	75	883	1 041	745	79	1 189	3	102
$1,000, 1997..	16 322	264 596	268 726	305 890	23 755	515 047	400	23 722
1992..	14 833	162 817	198 536	260 084	11 636	358 736	218	12 003
Average per farm ..... dollars, 1997..	189 793	290 127	271 990	439 497	170 902	453 387	79 931	189 780
1992..	197 774	184 391	190 716	349 106	147 289	301 712	72 635	117 678
Average per acre ..... dollars, 1997..	685	1 217	1 600	2 038	1 111	2 686	1 249	992
1992..	498	767	982	1 526	724	1 832	825	590
1997 farms by value group:								
$1 to $39,999	7	41	60	38	18	82	–	5
$40,000 to $69,999	15	68	53	43	28	57	1	23
$70,000 to $99,999	13	171	89	40	11	65	3	31
$100,000 to $149,999	15	150	200	111	22	123	1	19
$150,000 to $199,999	9	98	127	108	16	121	–	11
$200,000 to $499,999	22	265	366	212	35	391	–	30
$500,000 to $999,999	4	70	53	65	7	174	–	3
$1,000,000 to $1,999,999	–	36	27	57	2	95	–	2
$2,000,000 to $4,999,999	1	12	13	16	–	20	–	1
$5,000,000 or more	–	1	–	6	–	8	–	–
Approximate land area ..... acres, 1997..	746 552	367 555	452 254	359 614	359 065	547 991	346 368	363 251
Proportion in farms ..... percent, 1997..	3.2	58.9	40.1	40.9	6.0	34.0	(D)	6.3
1997 size of farm:								
1 to 9 acres ..... farms..	1	30	46	69	6	97	–	2
acres..	(D)	138	203	310	(D)	452	–	(D)
10 to 49 acres ..... farms..	14	183	296	237	37	383	3	29
acres..	457	5 677	8 279	5 956	1 057	10 155	(D)	880
50 to 69 acres ..... farms..	3	41	102	55	10	108	–	7
acres..	(D)	2 378	6 002	3 246	551	6 279	–	352
70 to 99 acres ..... farms..	8	136	105	68	27	128	1	17
acres..	646	11 027	8 602	5 492	2 153	10 492	(D)	1 383
100 to 139 acres ..... farms..	8	111	103	50	15	93	1	13
acres..	940	12 700	12 379	5 765	1 717	10 785	(D)	1 475
140 to 179 acres ..... farms..	15	74	88	40	10	70	–	16
acres..	2 466	11 657	13 723	6 371	1 586	11 147	–	2 517
180 to 219 acres ..... farms..	3	56	55	26	7	49	–	9
acres..	610	11 056	10 866	5 162	1 428	9 726	–	1 779
220 to 259 acres ..... farms..	4	46	30	14	6	37	–	3
acres..	959	10 859	7 123	3 367	1 426	8 867	–	713
260 to 499 acres ..... farms..	18	117	83	48	15	92	–	22
acres..	6 627	42 931	29 107	17 398	4 883	33 395	–	7 242
500 to 999 acres ..... farms..	8	80	54	56	2	45	–	6
acres..	5 462	53 131	37 860	38 609	(D)	30 489	–	4 150
1,000 to 1,999 acres ..... farms..	4	30	19	27	4	28	–	2
acres..	5 463	37 677	27 093	37 116	5 027	36 290	–	(D)
2,000 acres or more ..... farms..	–	7	6	6	–	6	–	–
acres..	–	17 420	20 050	18 135	–	18 376	–	–
1992 size of farm:								
1 to 9 acres ..... farms..	–	27	43	92	3	97	–	2
acres..	–	89	206	442	17	460	–	(D)
10 to 49 acres ..... farms..	5	149	267	221	17	347	–	15
acres..	168	4 628	7 089	5 978	512	9 270	–	509
50 to 69 acres ..... farms..	3	30	108	52	5	120	–	3
acres..	(D)	1 784	6 333	3 096	282	7 055	–	166
70 to 99 acres ..... farms..	7	120	118	90	12	145	2	17
acres..	571	9 861	9 802	7 340	978	12 041	(D)	1 380
100 to 139 acres ..... farms..	4	137	125	53	8	107	1	20
acres..	498	15 717	14 752	6 097	948	12 632	(D)	2 387
140 to 179 acres ..... farms..	15	86	84	50	6	98	–	11
acres..	2 366	13 384	13 221	7 925	902	15 430	–	1 776
180 to 219 acres ..... farms..	11	57	47	29	3	43	–	6
acres..	2 154	11 352	9 320	5 756	618	8 495	–	1 167
220 to 259 acres ..... farms..	3	43	49	18	6	36	–	13
acres..	694	10 189	11 486	4 218	1 398	8 475	–	3 043
260 to 499 acres ..... farms..	16	133	112	53	13	117	–	9
acres..	5 652	47 694	39 459	19 529	4 227	40 723	–	2 928
500 to 999 acres ..... farms..	5	81	61	53	3	52	–	4
acres..	3 336	53 308	41 153	38 328	2 308	34 895	–	3 087
1,000 to 1,999 acres ..... farms..	5	14	16	25	3	23	–	1
acres..	6 150	15 914	20 877	30 764	3 886	27 980	–	(D)
2,000 acres or more ..... farms..	1	6	11	9	–	5	–	–
acres..	(D)	15 813	36 940	25 009	–	13 250	–	–

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
FARMS AND LAND IN FARMS								
Farms ..... number, 1997..	1 020	369	1 317	637	31	72	523	284
1992..	1 119	374	1 259	683	31	70	558	252
Land in farms ..... acres, 1997..	178 249	62 129	336 468	98 297	(D)	21 513	68 829	47 521
1992..	193 956	64 973	336 273	118 764	9 391	22 178	70 306	48 029
Average size of farm ..... acres, 1997..	175	168	255	154	(D)	299	132	167
1992..	173	174	267	174	303	317	126	191
Estimated market value of land and buildings[1] .... farms, 1997..	1 023	371	1 316	635	31	72	521	286
1992..	1 120	374	1 260	682	31	70	556	251
$1,000, 1997..	443 217	185 473	584 897	253 216	10 407	14 135	223 924	68 239
1992..	279 612	103 719	409 788	183 368	4 877	13 023	199 042	44 072
Average per farm ..... dollars, 1997..	433 252	499 928	444 451	398 766	335 710	196 313	429 797	238 599
1992..	249 654	277 323	325 229	268 868	157 328	186 037	357 988	175 584
Average per acre ..... dollars, 1997..	2 425	3 087	1 720	2 360	902	657	3 446	1 368
1992..	1 360	1 820	1 202	1 504	519	587	2 425	869
1997 farms by value group:								
$1 to $39,999	38	17	65	38	–	4	26	20
$40,000 to $69,999	84	29	50	14	4	6	34	40
$70,000 to $99,999	115	23	129	20	–	13	25	24
$100,000 to $149,999	121	7	237	79	7	15	41	70
$150,000 to $199,999	154	31	180	96	4	6	66	28
$200,000 to $499,999	299	125	368	230	10	22	188	65
$500,000 to $999,999	134	104	133	100	3	5	101	30
$1,000,000 to $1,999,999	44	21	99	46	3	1	31	9
$2,000,000 to $4,999,999	23	13	48	11	–	–	7	–
$5,000,000 or more	11	1	7	1	–	–	2	–
Approximate land area ..... acres, 1997..	418 771	223 036	480 367	363 778	577 964	653 826	307 465	348 073
Proportion in farms ..... percent, 1997..	42.6	27.9	70.0	27.0	(D)	3.3	22.4	13.7
1997 size of farm:								
1 to 9 acres ..... farms..	52	21	70	56	2	3	78	11
acres..	237	(D)	298	(D)	(D)	10	(D)	(D)
10 to 49 acres ..... farms..	334	76	326	274	7	8	181	55
acres..	8 719	2 082	9 158	6 246	213	289	4 297	1 589
50 to 69 acres ..... farms..	79	28	112	36	1	2	40	21
acres..	4 592	1 602	6 439	2 129	(D)	(D)	2 294	1 217
70 to 99 acres ..... farms..	132	51	131	56	2	7	59	52
acres..	10 673	4 224	10 685	4 604	(D)	581	4 869	4 084
100 to 139 acres ..... farms..	102	48	154	42	3	5	33	44
acres..	11 982	5 648	17 948	4 875	336	585	3 835	5 218
140 to 179 acres ..... farms..	86	47	96	45	–	11	25	21
acres..	13 381	7 386	15 067	7 034	–	1 761	3 996	3 373
180 to 219 acres ..... farms..	46	28	53	20	1	9	16	16
acres..	8 994	5 562	10 467	3 996	(D)	1 795	(D)	3 165
220 to 259 acres ..... farms..	33	16	45	14	1	3	16	8
acres..	7 811	3 839	10 801	3 389	(D)	(D)	3 774	(D)
260 to 499 acres ..... farms..	75	36	136	50	7	13	46	37
acres..	25 822	12 546	50 289	16 963	2 590	4 702	17 072	13 123
500 to 999 acres ..... farms..	50	12	113	27	4	7	22	18
acres..	35 240	8 272	79 527	18 152	2 922	4 221	13 937	12 427
1,000 to 1,999 acres ..... farms..	26	4	68	15	2	3	6	1
acres..	36 628	4 944	89 556	19 807	(D)	3 870	8 782	(D)
2,000 acres or more ..... farms..	5	2	13	2	1	1	1	–
acres..	14 170	(D)	36 233	(D)	(D)	(D)	(D)	–
1992 size of farm:								
1 to 9 acres ..... farms..	56	16	70	50	4	2	60	8
acres..	279	(D)	254	243	15	(D)	(D)	46
10 to 49 acres ..... farms..	354	62	279	232	4	7	216	47
acres..	9 363	1 605	8 062	5 208	105	217	5 135	1 617
50 to 69 acres ..... farms..	87	33	96	43	2	3	45	14
acres..	5 002	1 913	5 687	2 458	(D)	170	2 645	825
70 to 99 acres ..... farms..	155	52	117	69	–	7	53	33
acres..	12 679	4 246	9 549	5 608	–	551	4 459	2 660
100 to 139 acres ..... farms..	112	51	124	57	5	1	47	40
acres..	13 066	6 033	14 373	6 653	561	(D)	5 381	4 651
140 to 179 acres ..... farms..	75	50	93	55	–	11	37	20
acres..	11 689	8 000	14 620	8 683	–	1 761	5 725	3 221
180 to 219 acres ..... farms..	59	32	65	41	–	6	24	21
acres..	11 495	6 348	12 726	8 139	–	1 160	4 673	4 132
220 to 259 acres ..... farms..	31	16	58	28	1	2	9	9
acres..	7 355	3 756	13 807	6 656	(D)	(D)	2 150	2 138
260 to 499 acres ..... farms..	94	41	144	51	8	18	38	42
acres..	33 853	14 138	52 673	17 576	2 522	6 786	13 878	14 979
500 to 999 acres ..... farms..	70	15	138	38	5	10	21	15
acres..	48 468	10 012	95 623	26 471	3 109	5 786	13 610	10 213
1,000 to 1,999 acres ..... farms..	21	5	65	16	2	2	6	3
acres..	29 217	6 722	83 309	19 769	(D)	(D)	7 944	3 547
2,000 acres or more ..... farms..	5	1	10	3	–	1	2	–
acres..	11 490	(D)	25 590	11 300	–	(D)	(D)	–

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
FARMS AND LAND IN FARMS								
Farms ..... number, 1997..	108	413	597	348	418	335	1 058	954
1992..	84	402	592	309	442	289	1 135	900
Land in farms ..... acres, 1997..	26 624	77 103	111 974	109 661	79 667	90 027	209 715	237 771
1992..	23 290	73 437	121 153	110 014	89 173	88 322	217 095	224 030
Average size of farm ..... acres, 1997..	247	187	188	315	191	269	198	249
1992..	277	183	205	356	202	306	191	249
Estimated market value of land and buildings[1] .... farms, 1997..	108	414	597	348	418	336	1 059	956
1992..	84	401	594	309	442	290	1 133	899
$1,000, 1997..	28 223	101 397	129 816	78 631	144 591	97 009	473 701	301 800
1992..	11 978	73 175	89 820	69 313	107 071	66 129	372 132	196 395
Average per farm ..... dollars, 1997..	261 325	244 920	217 447	225 950	345 912	288 719	447 310	315 690
1992..	142 591	182 482	151 212	224 315	242 242	228 032	328 448	218 459
Average per acre ..... dollars, 1997..	1 060	1 127	1 270	728	1 642	1 046	2 293	1 262
1992..	474	988	822	568	1 165	770	1 623	851
1997 farms by value group:								
$1 to $39,999	12	23	35	21	23	28	52	101
$40,000 to $69,999	14	23	73	28	39	29	67	91
$70,000 to $99,999	10	70	67	61	62	28	69	127
$100,000 to $149,999	18	69	147	44	81	60	103	132
$150,000 to $199,999	12	62	76	63	54	39	181	112
$200,000 to $499,999	31	121	159	97	85	84	312	257
$500,000 to $999,999	4	33	27	28	48	55	179	65
$1,000,000 to $1,999,999	4	12	11	6	14	13	60	49
$2,000,000 to $4,999,999	3	1	1	–	11	–	30	20
$5,000,000 or more	–	–	1	–	1	–	6	2
Approximate land area ..... acres, 1997..	1 165 641	316 922	355 704	667 941	333 579	362 738	352 726	453 176
Proportion in farms ..... percent, 1997..	2.3	24.3	31.5	16.4	23.9	24.8	59.5	52.5
1997 size of farm:								
1 to 9 acres ..... farms..	3	17	8	4	18	9	105	35
acres..	(D)	(D)	(D)	(D)	81	46	529	147
10 to 49 acres ..... farms..	33	107	99	45	123	51	360	206
acres..	876	3 304	2 961	1 463	3 484	1 552	8 948	6 451
50 to 69 acres ..... farms..	5	24	44	10	32	11	77	70
acres..	283	1 406	2 619	576	1 855	636	4 538	4 068
70 to 99 acres ..... farms..	11	56	118	37	72	45	93	155
acres..	895	4 519	9 438	2 990	5 812	3 606	7 592	12 662
100 to 139 acres ..... farms..	8	45	79	30	35	36	75	95
acres..	894	5 344	9 187	3 500	4 106	4 252	8 910	10 911
140 to 179 acres ..... farms..	15	35	59	27	31	23	61	78
acres..	2 408	5 526	9 364	4 170	4 845	3 493	9 598	12 108
180 to 219 acres ..... farms..	5	27	44	35	21	21	41	48
acres..	984	5 458	8 688	6 939	4 244	4 075	8 109	9 441
220 to 259 acres ..... farms..	3	22	29	19	11	18	27	38
acres..	(D)	(D)	6 866	(D)	2 616	4 256	6 350	9 173
260 to 499 acres ..... farms..	13	44	69	74	35	60	100	107
acres..	5 235	15 631	23 887	26 614	12 562	21 018	35 727	37 568
500 to 999 acres ..... farms..	6	27	42	47	30	50	77	75
acres..	4 084	18 867	28 756	32 581	21 416	33 706	53 238	50 979
1,000 to 1,999 acres ..... farms..	5	8	4	19	7	11	36	36
acres..	6 642	9 535	4 238	24 331	10 211	13 387	50 556	50 545
2,000 acres or more ..... farms..	1	1	2	1	3	–	6	11
acres..	(D)	(D)	(D)	(D)	8 435	–	15 620	33 718
1992 size of farm:								
1 to 9 acres ..... farms..	6	12	12	8	23	10	99	30
acres..	(D)	(D)	50	(D)	97	47	463	120
10 to 49 acres ..... farms..	16	100	91	30	125	32	372	174
acres..	430	3 046	2 739	868	3 705	910	9 637	5 368
50 to 69 acres ..... farms..	3	21	23	8	33	11	94	77
acres..	170	1 209	1 351	479	1 883	669	5 545	4 480
70 to 99 acres ..... farms..	7	57	87	28	77	31	89	113
acres..	594	4 666	7 024	2 217	6 246	2 469	7 442	9 170
100 to 139 acres ..... farms..	10	49	84	25	45	23	101	97
acres..	1 169	5 876	9 901	2 944	5 334	2 704	11 769	11 252
140 to 179 acres ..... farms..	8	34	72	25	35	23	60	73
acres..	1 263	5 328	11 128	3 854	5 528	3 630	9 360	11 482
180 to 219 acres ..... farms..	6	26	48	25	18	15	49	42
acres..	1 159	5 186	9 443	4 873	3 604	2 930	9 691	8 329
220 to 259 acres ..... farms..	–	24	41	13	13	16	39	41
acres..	–	5 671	9 711	3 098	3 084	3 918	9 240	9 826
260 to 499 acres ..... farms..	17	46	81	72	24	76	120	123
acres..	6 478	15 001	28 904	26 538	7 728	27 555	42 288	45 054
500 to 999 acres ..... farms..	6	24	44	55	33	39	74	93
acres..	3 840	15 594	29 362	36 196	21 247	27 106	50 381	62 354
1,000 to 1,999 acres ..... farms..	4	8	9	19	10	13	33	30
acres..	5 875	9 492	11 540	24 938	12 775	16 384	45 860	39 385
2,000 acres or more ..... farms..	1	1	–	1	6	–	5	7
acres..	(D)	(D)	–	(D)	17 942	–	15 419	17 210

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
FARMS AND LAND IN FARMS								
Farms ..... number, 1997..	103	410	670	544	573	261	92	496
1992..	112	417	667	503	594	261	95	458
Land in farms ..... acres, 1997..	21 025	73 113	122 294	45 366	127 994	73 239	32 516	108 250
1992..	22 056	73 661	115 338	48 236	129 083	75 345	32 980	108 726
Average size of farm ..... acres, 1997..	204	178	183	83	223	281	353	218
1992..	197	177	173	96	217	289	347	237
Estimated market value of land and buildings[1] .... farms, 1997..	103	411	670	543	574	260	92	497
1992..	112	417	667	503	595	261	96	458
$1,000, 1997..	20 645	116 491	158 352	263 941	169 070	76 524	15 561	120 284
1992..	16 512	90 686	111 829	125 827	123 698	55 289	11 741	74 450
Average per farm ..... dollars, 1997..	200 437	283 432	236 346	486 079	294 547	294 322	169 141	242 019
1992..	147 426	217 472	167 660	250 153	207 896	211 837	122 305	162 554
Average per acre ..... dollars, 1997..	993	1 631	1 341	5 645	1 327	1 111	479	1 120
1992..	648	1 218	905	2 990	937	739	354	687
1997 farms by value group:								
$1 to $39,999	6	46	13	6	24	8	3	31
$40,000 to $69,999	9	7	87	28	83	27	21	81
$70,000 to $99,999	13	49	88	33	62	35	13	47
$100,000 to $149,999	22	104	154	25	153	59	20	70
$150,000 to $199,999	12	86	74	59	40	41	13	56
$200,000 to $499,999	33	67	179	283	137	52	19	149
$500,000 to $999,999	7	33	56	65	39	26	2	49
$1,000,000 to $1,999,999	1	15	17	15	27	10	1	11
$2,000,000 to $4,999,999	–	2	2	25	7	1	–	3
$5,000,000 or more	–	2	–	4	2	1	–	–
Approximate land area ..... acres, 1997..	350 485	325 888	539 155	558 535	345 913	361 191	839 442	362 315
Proportion in farms ..... percent, 1997..	6.0	22.4	22.7	8.1	37.0	20.3	3.9	29.9
1997 size of farm:								
1 to 9 acres ..... farms..	–	37	20	93	15	5	–	6
acres..	–	158	77	(D)	69	(D)	–	(D)
10 to 49 acres ..... farms..	16	146	165	271	146	35	5	76
acres..	513	3 981	4 931	5 686	4 691	905	(D)	2 216
50 to 69 acres ..... farms..	15	48	52	27	49	16	2	39
acres..	899	2 788	3 043	1 551	2 898	958	(D)	2 371
70 to 99 acres ..... farms..	18	39	86	45	75	39	5	73
acres..	1 501	3 053	6 919	3 654	6 138	3 120	398	6 070
100 to 139 acres ..... farms..	9	35	88	25	55	29	9	65
acres..	1 075	4 098	10 267	2 894	6 390	3 318	1 097	7 509
140 to 179 acres ..... farms..	7	22	53	18	38	25	9	49
acres..	1 103	3 491	8 243	2 725	6 003	4 024	1 464	7 688
180 to 219 acres ..... farms..	9	14	46	14	40	16	8	33
acres..	1 780	2 765	9 107	2 789	7 944	3 130	1 522	6 550
220 to 259 acres ..... farms..	2	7	32	9	21	13	10	28
acres..	(D)	1 700	7 667	(D)	4 855	3 073	2 373	6 662
260 to 499 acres ..... farms..	13	33	70	30	71	47	25	85
acres..	4 696	11 548	25 164	10 255	25 866	18 040	9 674	29 071
500 to 999 acres ..... farms..	13	21	46	6	44	30	16	29
acres..	7 856	15 014	31 756	4 026	31 485	21 226	10 631	22 004
1,000 to 1,999 acres ..... farms..	1	4	12	5	16	4	2	11
acres..	(D)	4 622	15 120	6 982	21 351	6 142	(D)	12 496
2,000 acres or more ..... farms..	–	4	–	1	3	2	1	2
acres..	–	19 895	–	(D)	10 304	(D)	(D)	(D)
1992 size of farm:								
1 to 9 acres ..... farms..	–	41	13	109	24	5	1	9
acres..	–	189	40	(D)	106	31	(D)	36
10 to 49 acres ..... farms..	25	120	146	224	136	42	3	61
acres..	756	3 074	4 330	4 909	4 130	1 391	125	1 987
50 to 69 acres ..... farms..	6	39	47	31	40	10	2	15
acres..	365	2 240	2 790	1 757	2 305	584	(D)	879
70 to 99 acres ..... farms..	16	59	100	34	84	32	6	61
acres..	1 295	4 750	8 081	2 763	6 787	2 581	474	4 873
100 to 139 acres ..... farms..	13	39	80	22	61	25	9	63
acres..	1 439	4 575	9 305	2 611	6 989	2 879	1 020	7 333
140 to 179 acres ..... farms..	10	30	62	20	49	27	9	47
acres..	1 568	4 654	9 784	3 142	7 578	4 222	1 431	7 321
180 to 219 acres ..... farms..	15	17	58	14	39	19	5	33
acres..	2 972	3 327	11 326	2 779	7 609	3 679	1 006	6 504
220 to 259 acres ..... farms..	1	9	35	6	17	19	9	29
acres..	(D)	2 152	8 253	1 449	3 936	4 432	2 155	6 826
260 to 499 acres ..... farms..	19	34	84	26	80	38	38	92
acres..	6 901	11 275	30 024	8 808	27 605	14 095	14 460	33 659
500 to 999 acres ..... farms..	5	22	35	12	43	35	8	39
acres..	3 300	15 260	22 963	8 503	30 305	23 858	5 215	28 288
1,000 to 1,999 acres ..... farms..	1	4	7	3	15	6	4	9
acres..	(D)	5 065	8 442	5 295	16 835	8 258	4 898	11 020
2,000 acres or more ..... farms..	1	3	–	2	6	3	1	–
acres..	(D)	17 100	–	(D)	14 898	9 335	(D)	–

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
FARMS AND LAND IN FARMS								
Farms ..... number, 1997..	80	139	1 292	296	36	1 163	940	791
1992..	76	133	1 367	278	36	1 294	988	855
Land in farms ..... acres, 1997..	13 904	34 450	170 627	82 466	4 139	297 842	162 887	217 345
1992..	14 081	36 272	176 305	79 921	3 786	318 125	181 569	234 823
Average size of farm ..... acres, 1997..	174	248	132	279	115	256	173	275
1992..	185	273	129	287	105	246	184	275
Estimated market value of land and buildings[1] .... farms, 1997..	80	139	1 293	295	36	1 163	938	793
1992..	76	134	1 368	278	36	1 295	988	855
$1,000, 1997..	15 593	47 709	511 386	60 046	5 375	533 855	390 221	399 808
1992..	10 164	27 712	366 944	59 761	3 435	370 681	231 971	276 258
Average per farm ..... dollars, 1997..	194 910	343 229	395 504	203 546	149 296	459 033	416 014	504 172
1992..	133 743	206 806	268 234	214 969	95 425	286 240	234 789	323 109
Average per acre ..... dollars, 1997..	1 121	1 300	3 066	878	1 299	1 711	2 517	1 762
1992..	722	760	2 026	735	907	1 212	1 276	1 107
1997 farms by value group:								
$1 to $39,999	5	2	54	22	7	102	68	49
$40,000 to $69,999	9	9	48	48	6	87	76	87
$70,000 to $99,999	7	12	81	47	5	79	90	47
$100,000 to $149,999	19	23	183	51	6	171	80	93
$150,000 to $199,999	12	14	195	52	7	127	121	140
$200,000 to $499,999	24	59	479	47	4	332	307	191
$500,000 to $999,999	3	8	163	18	–	115	119	79
$1,000,000 to $1,999,999	1	9	60	9	1	102	55	68
$2,000,000 to $4,999,999	–	3	25	1	–	42	20	30
$5,000,000 or more	–	–	5	–	–	6	2	9
Approximate land area ..... acres, 1997..	361 621	329 344	362 058	422 435	333 703	517 740	463 651	322 396
Proportion in farms ..... percent, 1997..	3.8	10.5	47.1	19.5	1.2	57.5	35.1	67.4
1997 size of farm:								
1 to 9 acres ..... farms..	3	1	149	1	2	70	55	43
acres..	(D)	(D)	669	(D)	(D)	300	299	172
10 to 49 acres ..... farms..	14	23	476	35	14	279	274	180
acres..	427	644	12 071	(D)	387	7 716	7 485	5 154
50 to 69 acres ..... farms..	5	7	130	17	3	87	79	54
acres..	295	(D)	7 605	999	167	5 152	4 533	3 139
70 to 99 acres ..... farms..	7	16	122	26	4	130	134	108
acres..	575	1 288	10 032	2 158	338	10 667	10 755	8 930
100 to 139 acres ..... farms..	18	21	107	34	1	116	88	79
acres..	2 073	2 504	12 456	3 894	(D)	13 717	10 064	9 088
140 to 179 acres ..... farms..	7	16	67	34	7	86	61	70
acres..	1 098	2 554	10 449	5 454	1 137	13 559	9 655	11 058
180 to 219 acres ..... farms..	6	11	58	26	3	64	50	36
acres..	(D)	2 149	11 633	(D)	560	12 587	9 880	7 205
220 to 259 acres ..... farms..	8	3	31	25	1	44	40	25
acres..	1 897	(D)	7 359	6 038	(D)	10 463	9 451	5 991
260 to 499 acres ..... farms..	8	22	82	60	–	127	96	71
acres..	2 905	7 587	29 826	21 116	–	45 333	34 036	25 385
500 to 999 acres ..... farms..	3	12	48	22	–	91	41	75
acres..	2 250	7 226	32 425	14 039	–	67 001	28 557	52 385
1,000 to 1,999 acres ..... farms..	1	6	18	15	1	57	17	35
acres..	(D)	7 174	22 192	20 139	(D)	77 206	20 482	46 130
2,000 acres or more ..... farms..	–	1	4	1	–	12	5	15
acres..	–	(D)	13 910	(D)	–	34 141	17 690	42 708
1992 size of farm:								
1 to 9 acres ..... farms..	1	2	142	5	2	71	41	55
acres..	(D)	(D)	631	11	(D)	306	207	178
10 to 49 acres ..... farms..	7	12	457	24	13	286	298	179
acres..	245	299	11 989	690	341	8 335	8 357	5 221
50 to 69 acres ..... farms..	7	5	130	11	5	78	83	64
acres..	415	(D)	7 587	662	265	4 630	4 881	3 729
70 to 99 acres ..... farms..	7	8	165	27	2	174	124	82
acres..	557	628	13 588	2 183	(D)	14 059	10 014	6 735
100 to 139 acres ..... farms..	17	19	123	23	3	132	104	82
acres..	1 923	2 238	14 522	2 639	356	15 605	12 092	9 414
140 to 179 acres ..... farms..	16	19	75	30	3	87	66	63
acres..	2 489	2 962	11 754	4 664	(D)	13 682	10 380	9 864
180 to 219 acres ..... farms..	2	8	62	27	5	58	48	44
acres..	(D)	1 559	12 282	5 258	1 009	11 427	9 557	8 568
220 to 259 acres ..... farms..	3	8	47	15	1	81	33	44
acres..	728	1 902	10 966	3 544	(D)	19 176	7 832	10 587
260 to 499 acres ..... farms..	10	34	104	67	1	161	112	107
acres..	3 582	11 645	37 586	23 659	(D)	56 420	38 798	39 477
500 to 999 acres ..... farms..	6	14	50	43	1	102	59	92
acres..	3 735	8 975	32 969	29 147	(D)	72 311	41 135	64 385
1,000 to 1,999 acres ..... farms..	–	4	8	6	–	55	12	35
acres..	–	5 757	10 107	7 464	–	77 260	14 082	46 853
2,000 acres or more ..... farms..	–	–	4	–	–	9	8	8
acres..	–	–	12 324	–	–	24 914	24 234	29 812

See footnotes at end of table.

USDA, National Agricultural Statistics Service

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
FARMS AND LAND IN FARMS								
Farms ..... number, 1997..	1 448	45	915	1 140	1 059	1 030	303	251
1992..	1 433	49	1 086	1 128	1 164	1 057	303	178
Land in farms ..... acres, 1997..	429 706	15 742	214 153	333 099	177 360	180 223	39 102	43 321
1992..	444 407	13 908	236 799	324 111	206 781	188 958	22 488	31 427
Average size of farm ..... acres, 1997..	297	350	234	292	167	175	129	173
1992..	310	284	218	287	178	179	74	177
Estimated market value of land and buildings[1] .... farms, 1997..	1 447	45	917	1 142	1 059	1 031	305	252
1992..	1 434	49	1 087	1 128	1 162	1 057	303	177
$1,000, 1997..	580 087	13 251	335 811	585 064	341 034	522 926	136 347	50 410
1992..	394 465	6 190	253 340	432 975	255 240	377 408	76 550	25 057
Average per farm ..... dollars, 1997..	400 889	294 470	366 206	512 315	322 034	507 203	447 041	200 038
1992..	275 080	126 328	233 064	383 843	219 656	357 056	252 642	141 567
Average per acre ..... dollars, 1997..	1 379	842	1 547	1 800	1 789	2 892	3 790	1 171
1992..	863	445	1 017	1 339	1 277	1 890	4 132	854
1997 farms by value group:								
$1 to $39,999	100	5	34	69	78	43	43	24
$40,000 to $69,999	125	4	85	53	104	45	20	18
$70,000 to $99,999	201	4	96	148	69	35	12	28
$100,000 to $149,999	180	6	119	191	160	103	36	61
$150,000 to $199,999	115	4	128	129	148	112	5	56
$200,000 to $499,999	454	14	274	289	344	427	105	50
$500,000 to $999,999	133	5	126	103	109	142	59	11
$1,000,000 to $1,999,999	89	3	37	96	35	78	8	1
$2,000,000 to $4,999,999	45	–	15	52	10	36	17	3
$5,000,000 or more	5	–	3	12	2	10	–	–
Approximate land area ..... acres, 1997..	616 869	754 034	344 857	520 061	391 044	454 444	393 052	361 949
Proportion in farms ..... percent, 1997..	69.7	2.1	62.1	64.0	45.4	39.7	9.9	12.0
1997 size of farm:								
1 to 9 acres ..... farms..	42	–	43	46	55	66	80	5
acres..	177	–	203	187	294	352	351	22
10 to 49 acres ..... farms..	269	10	232	243	342	345	118	50
acres..	7 793	359	6 738	6 990	9 341	8 210	2 697	1 467
50 to 69 acres ..... farms..	86	–	60	85	115	76	18	16
acres..	5 023	–	3 398	4 986	6 694	4 348	1 064	929
70 to 99 acres ..... farms..	155	5	109	143	130	109	17	40
acres..	12 597	411	8 833	11 624	10 603	8 935	1 325	3 297
100 to 139 acres ..... farms..	143	7	90	121	117	91	11	41
acres..	16 608	853	10 579	14 014	13 600	10 393	1 245	4 731
140 to 179 acres ..... farms..	141	1	66	77	76	75	21	30
acres..	22 387	(D)	10 554	12 218	12 034	11 852	3 211	4 643
180 to 219 acres ..... farms..	94	2	50	63	49	40	6	16
acres..	18 523	(D)	9 808	12 504	9 597	7 880	1 153	3 233
220 to 259 acres ..... farms..	69	3	35	41	31	30	5	17
acres..	16 329	702	8 428	9 667	7 507	7 198	1 129	3 970
260 to 499 acres ..... farms..	214	7	112	130	79	107	9	22
acres..	75 132	2 661	38 813	46 386	28 058	38 332	3 349	7 422
500 to 999 acres ..... farms..	150	5	83	116	45	62	8	11
acres..	107 836	3 635	57 738	80 512	30 877	40 571	5 457	8 032
1,000 to 1,999 acres ..... farms..	61	4	26	54	15	25	6	2
acres..	79 767	4 601	35 045	72 257	20 474	33 601	7 592	(D)
2,000 acres or more ..... farms..	24	1	9	21	5	4	4	1
acres..	67 534	(D)	24 016	61 754	28 281	8 551	10 529	(D)
1992 size of farm:								
1 to 9 acres ..... farms..	39	1	33	44	56	59	68	6
acres..	129	(D)	152	165	269	(D)	289	29
10 to 49 acres ..... farms..	234	11	239	213	383	333	148	35
acres..	6 957	331	6 911	6 387	10 545	7 881	3 322	1 070
50 to 69 acres ..... farms..	67	1	87	82	108	86	24	12
acres..	3 946	(D)	5 077	4 814	6 209	4 982	1 397	682
70 to 99 acres ..... farms..	148	1	134	161	131	110	19	31
acres..	11 979	(D)	10 972	13 111	10 707	9 046	1 528	2 492
100 to 139 acres ..... farms..	135	6	123	96	136	108	15	19
acres..	15 819	705	14 372	11 231	16 065	12 550	1 786	2 162
140 to 179 acres ..... farms..	151	4	90	82	84	71	4	17
acres..	23 778	620	14 402	13 066	13 271	11 314	627	2 729
180 to 219 acres ..... farms..	79	4	84	54	67	41	3	16
acres..	15 501	792	16 782	10 522	13 314	8 058	595	3 231
220 to 259 acres ..... farms..	74	5	41	48	33	41	7	10
acres..	17 588	1 178	9 594	11 486	7 854	9 733	1 656	2 384
260 to 499 acres ..... farms..	260	5	130	166	100	109	8	18
acres..	92 710	1 503	45 379	58 126	35 265	39 542	2 951	5 989
500 to 999 acres ..... farms..	157	9	86	109	43	74	4	11
acres..	108 137	6 071	58 007	72 209	30 335	50 386	(D)	7 078
1,000 to 1,999 acres ..... farms..	71	2	33	59	15	24	2	3
acres..	92 454	(D)	40 213	80 839	18 265	31 562	(D)	3 581
2,000 acres or more ..... farms..	18	–	6	14	8	1	1	–
acres..	55 409	–	14 938	42 155	44 682	(D)	(D)	–

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms, 1997	43 017	194	58	1 239	385	243	305
	1992	44 320	198	57	1 366	371	241	272
	acres, 1997	7 891 802	29 826	8 703	198 357	55 779	32 625	69 417
	1992	8 156 388	28 738	8 208	202 908	55 482	32 965	66 272
Harvested cropland	farms, 1997	37 941	176	56	1 116	351	220	237
	1992	41 334	173	53	1 269	351	217	260
	acres, 1997	6 724 480	18 148	6 431	175 394	39 323	21 583	56 792
	1992	6 584 251	15 372	4 802	169 173	37 297	19 809	52 391
Cropland used only for pasture or grazing	farms, 1997	14 850	106	29	411	199	95	63
	1992	15 354	113	32	452	186	105	56
	acres, 1997	481 259	7 702	1 611	8 340	8 118	3 671	2 182
	1992	517 225	8 967	2 663	10 498	8 086	4 204	3 238
Other cropland	farms, 1997	16 535	94	21	428	188	129	175
	1992	23 807	90	24	672	210	154	200
	acres, 1997	686 063	3 976	661	14 623	8 338	7 371	10 443
	1992	1 054 912	4 399	743	23 237	10 099	8 952	10 643
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1997	5 423	25	5	134	62	44	51
	1992	8 997	20	8	225	79	60	86
	acres, 1997	197 004	1 059	41	6 585	1 507	2 616	2 453
	1992	302 919	1 390	97	6 559	2 127	2 855	3 076
Cropland on which all crops failed	farms, 1997	1 772	18	–	69	30	15	17
	1992	4 776	15	8	81	58	48	48
	acres, 1997	39 640	400	–	1 453	617	315	346
	1992	181 074	601	121	2 902	2 745	1 753	2 344
Cropland in cultivated summer fallow	farms, 1997	2 749	34	6	60	73	23	40
	1992	3 609	33	5	77	98	23	54
	acres, 1997	73 243	926	63	1 117	2 378	758	1 776
	1992	90 179	632	79	1 415	2 382	595	1 951
Cropland idle	farms, 1997	10 334	44	15	278	100	88	102
	1992	14 632	54	18	482	98	99	117
	acres, 1997	376 176	1 591	557	5 468	3 836	3 682	5 868
	1992	480 740	1 776	446	12 361	2 845	3 749	3 272
Total woodland	farms, 1997	24 314	128	44	621	257	168	207
	1992	25 481	126	51	714	268	173	180
	acres, 1997	1 142 688	10 104	5 180	19 955	14 187	12 402	11 985
	1992	1 200 827	10 163	6 688	21 839	16 700	11 962	11 253
Woodland pastured	farms, 1997	4 658	34	5	114	73	37	34
	1992	5 374	45	14	139	79	35	45
	acres, 1997	151 171	1 380	360	2 316	2 076	1 524	973
	1992	201 619	2 123	(D)	2 610	3 431	1 885	2 211
Woodland not pastured	farms, 1997	22 014	108	43	561	235	154	187
	1992	22 709	104	47	631	237	159	156
	acres, 1997	991 517	8 724	4 820	17 639	12 111	10 878	11 012
	1992	999 208	8 040	(D)	19 229	13 269	10 077	9 042
Other land	farms, 1997	33 722	125	45	1 013	292	191	234
	1992	33 216	131	42	1 095	246	165	193
	acres, 1997	838 322	3 453	2 146	18 624	8 081	10 139	4 838
	1992	730 955	3 671	1 203	21 656	5 311	6 590	4 893
Pastureland and rangeland other than cropland and woodland pastured	farms, 1997	5 876	26	9	180	70	38	26
	1992	5 717	33	5	204	62	32	30
	acres, 1997	187 975	1 433	778	3 656	1 849	3 187	640
	1992	199 912	1 851	(D)	6 393	2 022	2 766	1 622
Land in house lots, ponds, roads, wasteland, etc.	farms, 1997	32 389	115	43	976	275	188	231
	1992	31 889	120	41	1 046	229	160	180
	acres, 1997	650 347	2 020	1 368	14 968	6 232	6 952	4 198
	1992	531 043	1 820	(D)	15 263	3 289	3 824	3 271
Pastureland, all types	farms, 1997	20 220	130	34	584	254	125	99
	1992	20 663	136	35	653	244	130	105
	acres, 1997	820 405	10 515	2 749	14 312	12 043	8 382	3 795
	1992	918 756	12 941	4 163	19 501	13 539	8 855	7 071
Land under Conservation Reserve or Wetlands Reserve Programs	farms, 1997	5 251	22	1	87	23	24	114
	1992	2 937	24	–	65	20	20	37
	acres, 1997	287 081	1 042	(D)	3 234	721	1 096	7 549
	1992	130 652	1 189	–	2 296	878	1 038	1 743

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms		Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms, 1997	53	800	698	124	1 120	906	1 010
	1992	54	782	778	117	1 283	892	1 009
	acres, 1997	8 944	125 824	162 368	12 086	146 334	185 213	188 318
	1992	8 254	127 407	166 625	10 723	140 851	184 856	190 470
Harvested cropland	farms, 1997	52	625	646	110	1 043	733	876
	1992	53	712	762	105	1 229	821	937
	acres, 1997	5 820	95 387	152 564	8 102	126 637	160 318	157 288
	1992	5 266	93 656	153 910	7 117	114 707	155 388	145 940
Cropland used only for pasture or grazing	farms, 1997	22	364	75	46	188	312	391
	1992	37	388	83	39	233	325	418
	acres, 1997	2 617	11 711	1 568	1 458	3 922	8 529	13 202
	1992	2 500	11 227	1 732	960	4 272	9 091	13 501
Other cropland	farms, 1997	14	335	215	65	513	376	377
	1992	16	432	330	74	735	552	603
	acres, 1997	507	18 726	8 236	2 526	15 775	16 366	17 828
	1992	488	22 524	10 983	2 646	21 872	20 377	31 029
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1997	3	125	65	22	160	144	144
	1992	8	152	121	34	250	264	288
	acres, 1997	(D)	5 677	2 252	654	4 902	7 139	6 355
	1992	(D)	6 336	3 632	941	5 998	8 922	11 423
Cropland on which all crops failed	farms, 1997	1	21	18	6	53	29	26
	1992	7	58	70	7	102	62	89
	acres, 1997	(D)	169	540	34	820	486	822
	1992	114	2 456	1 842	112	2 451	1 231	2 375
Cropland in cultivated summer fallow	farms, 1997	5	36	24	5	50	16	29
	1992	1	53	33	5	80	34	40
	acres, 1997	69	892	432	61	872	266	957
	1992	(D)	892	564	32	2 112	723	1 244
Cropland idle	farms, 1997	7	225	130	48	371	242	248
	1992	8	293	180	50	511	346	396
	acres, 1997	403	11 988	5 012	1 777	9 181	8 475	9 694
	1992	298	12 840	4 945	1 561	11 311	9 501	15 987
Total woodland	farms, 1997	38	538	207	96	506	597	618
	1992	45	539	223	100	561	561	677
	acres, 1997	4 092	19 764	7 803	6 585	12 290	30 650	27 561
	1992	5 041	19 819	9 273	6 664	12 633	26 484	29 238
Woodland pastured	farms, 1997	10	131	43	11	57	121	117
	1992	12	127	51	10	59	149	164
	acres, 1997	716	2 298	1 319	203	1 034	2 483	3 751
	1992	519	2 682	1 485	342	1 038	3 849	5 763
Woodland not pastured	farms, 1997	34	475	183	91	470	538	546
	1992	43	477	196	97	516	480	585
	acres, 1997	3 376	17 466	6 484	6 382	11 256	28 167	23 810
	1992	4 522	17 137	7 788	6 322	11 595	22 635	23 475
Other land	farms, 1997	36	688	400	113	881	732	853
	1992	41	664	402	98	973	706	813
	acres, 1997	1 952	19 227	5 760	3 885	15 334	18 213	27 272
	1992	809	18 145	5 154	2 457	13 402	16 325	25 219
Pastureland and rangeland other than cropland and woodland pastured	farms, 1997	8	206	34	18	93	136	188
	1992	13	170	17	10	84	143	170
	acres, 1997	435	4 876	665	521	1 630	3 834	4 860
	1992	341	5 167	431	511	2 594	3 751	5 807
Land in house lots, ponds, roads, wasteland, etc.	farms, 1997	33	651	393	108	866	708	817
	1992	37	635	395	93	947	678	782
	acres, 1997	1 517	14 351	5 095	3 364	13 704	14 379	22 412
	1992	468	12 978	4 723	1 946	10 808	12 574	19 412
Pastureland, all types	farms, 1997	31	523	121	62	293	422	544
	1992	46	507	113	50	316	464	573
	acres, 1997	3 768	18 885	3 552	2 182	6 586	14 846	21 813
	1992	3 360	19 076	3 648	1 813	7 904	16 691	25 071
Land under Conservation Reserve or Wetlands Reserve Programs	farms, 1997	–	218	70	2	96	269	179
	1992	3	124	39	4	50	124	114
	acres, 1997	–	14 043	3 568	(D)	3 659	15 307	10 373
	1992	88	8 209	2 387	46	1 509	6 014	6 494

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms, 1997	669	173	204	306	318	1 065	24
	1992	699	190	162	315	276	1 178	17
	acres, 1997	141 434	18 266	27 514	67 900	41 377	209 822	752
	1992	150 590	25 246	26 660	66 599	42 963	221 306	(D)
Harvested cropland	farms, 1997	602	153	189	291	274	967	19
	1992	652	162	149	296	245	1 139	12
	acres, 1997	123 647	12 162	17 564	45 562	26 481	188 811	436
	1992	121 753	13 417	14 470	39 361	24 789	193 259	(D)
Cropland used only for pasture or grazing	farms, 1997	247	94	111	171	173	313	12
	1992	302	114	95	205	159	289	13
	acres, 1997	10 149	3 709	5 747	14 255	10 577	7 682	(D)
	1992	14 616	5 716	7 179	14 720	10 527	6 619	(D)
Other cropland	farms, 1997	245	81	96	129	128	328	7
	1992	398	105	74	148	139	700	7
	acres, 1997	7 638	2 395	4 203	8 083	4 319	13 329	(D)
	1992	14 221	6 113	5 011	12 518	7 647	21 428	231
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1997	86	29	17	39	41	108	2
	1992	182	29	24	31	55	279	1
	acres, 1997	2 309	462	622	1 035	1 599	4 258	(D)
	1992	5 624	1 694	1 066	1 049	2 355	6 359	(D)
Cropland on which all crops failed	farms, 1997	23	13	19	22	17	34	–
	1992	60	22	28	56	27	100	2
	acres, 1997	414	194	437	1 007	243	593	–
	1992	1 850	836	1 355	6 593	1 031	2 412	(D)
Cropland in cultivated summer fallow	farms, 1997	19	9	20	28	26	50	2
	1992	24	21	21	29	34	121	3
	acres, 1997	634	190	529	904	435	2 230	(D)
	1992	619	199	695	1 155	762	3 160	62
Cropland idle	farms, 1997	158	48	67	71	70	192	5
	1992	252	65	47	78	74	411	3
	acres, 1997	4 281	1 549	2 615	5 137	2 042	6 248	75
	1992	6 128	3 384	1 895	3 721	3 499	9 497	(D)
Total woodland	farms, 1997	396	133	153	217	235	572	16
	1992	418	136	119	225	191	689	11
	acres, 1997	19 305	8 100	16 704	17 242	14 070	17 091	667
	1992	18 230	9 964	11 470	18 627	14 600	20 445	(D)
Woodland pastured	farms, 1997	81	33	62	47	76	45	4
	1992	90	48	55	77	83	92	2
	acres, 1997	2 050	880	4 271	3 020	3 907	503	(D)
	1992	2 103	1 668	3 804	4 309	6 074	1 634	(D)
Woodland not pastured	farms, 1997	359	126	122	195	190	549	14
	1992	381	113	98	186	142	630	10
	acres, 1997	17 255	7 220	12 433	14 222	10 163	16 588	(D)
	1992	16 127	8 296	7 666	14 318	8 526	18 811	(D)
Other land	farms, 1997	524	148	149	221	269	836	17
	1992	522	146	119	194	205	874	10
	acres, 1997	16 092	4 711	6 364	13 837	7 384	16 937	1 149
	1992	17 611	5 827	2 741	7 583	6 521	14 485	(D)
Pastureland and rangeland other than cropland and woodland pastured	farms, 1997	84	40	29	40	81	105	5
	1992	73	42	24	34	54	101	2
	acres, 1997	2 634	1 414	3 010	6 840	3 855	2 165	225
	1992	3 883	2 599	1 390	4 202	3 629	1 746	(D)
Land in house lots, ponds, roads, wasteland, etc.	farms, 1997	509	143	143	209	247	806	17
	1992	505	137	113	187	186	854	10
	acres, 1997	13 458	3 297	3 354	6 997	3 529	14 772	924
	1992	13 728	3 228	1 351	3 381	2 892	12 739	109
Pastureland, all types	farms, 1997	324	120	134	212	237	403	19
	1992	370	140	115	231	202	394	13
	acres, 1997	14 833	6 003	13 028	24 115	18 339	10 350	605
	1992	20 602	9 983	12 373	23 231	20 230	9 999	(D)
Land under Conservation Reserve or Wetlands Reserve Programs	farms, 1997	74	13	8	4	31	157	–
	1992	43	7	7	3	20	117	–
	acres, 1997	2 993	688	408	134	1 861	6 729	–
	1992	898	103	349	(D)	842	3 222	–

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms, 1997	238	115	985	190	725	402	42
	1992	232	95	1 018	177	760	383	47
	acres, 1997	41 158	13 546	190 456	25 034	98 966	48 516	2 190
	1992	41 916	13 727	194 117	25 916	120 168	44 440	3 087
Harvested cropland	farms, 1997	224	104	826	178	631	343	38
	1992	209	87	947	168	691	349	41
	acres, 1997	28 923	9 492	161 765	16 188	84 103	32 296	1 249
	1992	25 446	8 959	160 758	14 619	96 095	27 836	1 813
Cropland used only for pasture or grazing	farms, 1997	150	55	335	104	261	223	21
	1992	139	46	371	104	252	211	25
	acres, 1997	9 010	1 669	9 657	6 670	4 875	8 994	491
	1992	9 201	2 384	10 666	6 634	5 281	8 230	707
Other cropland	farms, 1997	74	36	370	78	265	168	12
	1992	107	40	533	90	401	209	16
	acres, 1997	3 225	2 385	19 034	2 176	9 988	7 226	450
	1992	7 269	2 384	22 693	4 663	18 792	8 374	567
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1997	11	10	143	32	72	55	5
	1992	39	27	210	32	126	68	6
	acres, 1997	247	767	8 012	732	2 494	1 259	161
	1992	1 855	1 587	6 355	724	3 980	1 941	162
Cropland on which all crops failed	farms, 1997	11	–	23	8	27	11	–
	1992	51	11	67	31	100	41	2
	acres, 1997	142	–	378	69	607	154	–
	1992	3 078	(D)	2 743	1 847	3 453	788	(D)
Cropland in cultivated summer fallow	farms, 1997	21	5	36	21	62	34	–
	1992	29	3	86	22	96	48	2
	acres, 1997	1 174	91	626	186	1 734	770	–
	1992	595	(D)	2 501	417	2 742	818	(D)
Cropland idle	farms, 1997	55	23	229	47	154	110	7
	1992	46	18	328	47	237	138	11
	acres, 1997	1 662	1 527	10 018	1 189	5 153	5 043	289
	1992	1 741	595	11 094	1 675	8 617	4 827	387
Total woodland	farms, 1997	190	80	604	146	377	268	27
	1992	200	76	622	147	414	258	39
	acres, 1997	21 848	10 457	25 421	9 668	9 658	13 243	1 088
	1992	26 952	12 681	21 564	10 999	9 348	12 004	2 221
Woodland pastured	farms, 1997	72	31	104	42	57	102	10
	1992	68	32	112	56	50	105	10
	acres, 1997	3 596	2 945	2 095	2 409	1 381	3 424	(D)
	1992	3 823	1 227	2 488	3 209	1 044	3 309	516
Woodland not pastured	farms, 1997	166	71	553	131	340	199	23
	1992	185	64	573	133	379	194	32
	acres, 1997	18 252	7 512	23 326	7 259	8 277	9 819	(D)
	1992	23 129	11 454	19 076	7 790	8 304	8 695	1 705
Other land	farms, 1997	171	81	815	159	611	315	31
	1992	151	66	825	126	583	284	31
	acres, 1997	7 226	4 295	15 993	5 413	9 344	6 277	919
	1992	3 909	2 007	18 240	3 450	7 566	5 091	657
Pastureland and rangeland other than cropland and woodland pastured	farms, 1997	44	10	163	34	100	64	7
	1992	45	18	170	34	73	62	12
	acres, 1997	3 229	297	4 175	1 555	2 469	2 717	(D)
	1992	2 272	881	5 325	2 078	1 319	2 004	455
Land in house lots, ponds, roads, wasteland, etc.	farms, 1997	157	79	777	156	589	299	29
	1992	139	60	797	119	566	269	30
	acres, 1997	3 997	3 998	11 818	3 858	6 875	3 560	(D)
	1992	1 637	1 126	12 915	1 372	6 247	3 087	202
Pastureland, all types	farms, 1997	186	67	476	132	365	289	32
	1992	168	66	516	130	326	267	38
	acres, 1997	15 835	4 911	15 927	10 634	8 725	15 135	820
	1992	15 296	4 492	18 479	11 921	7 644	13 543	1 678
Land under Conservation Reserve or Wetlands Reserve Programs	farms, 1997	7	6	205	3	28	76	–
	1992	5	8	87	5	22	46	–
	acres, 1997	441	367	13 263	119	1 844	4 982	–
	1992	90	260	4 081	178	380	2 252	–

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms, 1997	387	816	1 145	119	1 100	758	941	226
	1992	392	879	951	134	1 252	788	962	197
	acres, 1997	41 530	244 531	210 468	12 041	383 635	158 791	197 400	28 890
	1992	46 467	248 232	187 622	15 274	403 334	158 992	214 228	29 498
Harvested cropland	farms, 1997	357	715	807	107	967	692	815	192
	1992	366	849	891	120	1 212	733	912	178
	acres, 1997	32 745	226 252	168 425	8 075	355 965	143 455	173 040	18 674
	1992	31 485	221 911	152 548	9 024	361 920	130 471	176 767	18 126
Cropland used only for pasture or grazing	farms, 1997	101	162	345	62	209	289	337	129
	1992	103	152	279	82	258	318	362	95
	acres, 1997	3 467	4 075	9 190	2 161	8 850	7 585	9 354	7 023
	1992	3 923	3 990	6 999	3 676	9 113	9 784	12 167	6 217
Other cropland	farms, 1997	179	277	582	59	341	224	348	84
	1992	211	483	548	67	734	388	601	110
	acres, 1997	5 318	14 204	32 853	1 805	18 820	7 751	15 006	3 193
	1992	11 059	22 331	28 075	2 574	32 301	18 737	25 294	5 155
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1997	59	118	230	14	127	70	125	21
	1992	69	200	256	19	317	129	249	48
	acres, 1997	1 310	4 625	10 885	131	6 763	1 607	5 396	601
	1992	2 535	9 535	12 184	559	10 079	3 526	7 292	1 180
Cropland on which all crops failed	farms, 1997	13	20	31	3	26	28	17	11
	1992	45	70	80	13	131	85	77	48
	acres, 1997	231	352	897	10	1 013	740	741	233
	1992	2 050	2 677	1 939	275	6 772	3 247	2 591	1 833
Cropland in cultivated summer fallow	farms, 1997	32	26	26	16	47	28	58	21
	1992	21	45	33	17	76	79	93	29
	acres, 1997	656	608	382	114	1 420	603	1 660	408
	1992	906	773	741	194	2 065	2 043	2 954	677
Cropland idle	farms, 1997	128	150	362	42	182	142	218	45
	1992	141	270	344	46	431	258	403	46
	acres, 1997	3 121	8 619	20 689	1 550	9 624	4 801	7 209	1 951
	1992	5 568	9 346	13 211	1 546	13 385	9 921	12 457	1 465
Total woodland	farms, 1997	227	440	744	99	459	442	569	158
	1992	240	472	606	122	525	478	635	139
	acres, 1997	10 936	16 179	26 165	8 551	18 485	16 053	20 953	10 937
	1992	10 267	18 731	25 239	10 815	21 379	18 383	23 170	14 723
Woodland pastured	farms, 1997	26	65	107	20	62	61	101	61
	1992	26	76	90	27	82	87	108	61
	acres, 1997	730	1 285	1 961	777	1 632	1 187	2 663	2 959
	1992	592	2 513	1 892	822	2 878	3 232	2 879	8 669
Woodland not pastured	farms, 1997	215	410	690	89	419	408	526	119
	1992	226	431	554	108	481	431	579	107
	acres, 1997	10 206	14 894	24 204	7 774	16 853	14 866	18 290	7 978
	1992	9 675	16 218	23 347	9 993	18 501	15 151	20 291	6 054
Other land	farms, 1997	312	598	964	100	742	638	766	161
	1992	301	622	774	105	838	632	766	144
	acres, 1997	9 301	16 123	20 836	2 534	22 002	15 561	18 299	2 840
	1992	10 055	10 437	18 696	3 072	14 201	16 313	17 395	3 087
Pastureland and rangeland other than cropland and woodland pastured	farms, 1997	38	76	148	30	64	125	153	27
	1992	42	77	178	17	71	120	148	30
	acres, 1997	2 371	2 909	3 318	1 033	2 547	3 022	3 479	739
	1992	3 305	2 205	3 902	1 757	2 610	5 689	4 593	1 209
Land in house lots, ponds, roads, wasteland, etc.	farms, 1997	301	583	941	93	717	610	732	155
	1992	293	601	743	101	811	605	742	133
	acres, 1997	6 930	13 214	17 518	1 501	19 455	12 539	14 820	2 101
	1992	6 750	8 232	14 794	1 315	11 591	10 624	12 802	1 878
Pastureland, all types	farms, 1997	141	241	487	88	292	398	465	159
	1992	143	241	444	95	346	437	498	128
	acres, 1997	6 568	8 269	14 469	3 971	13 029	11 794	15 496	10 721
	1992	7 820	8 708	12 793	6 255	14 601	18 705	19 639	16 095
Land under Conservation Reserve or Wetlands Reserve Programs	farms, 1997	17	179	470	5	214	27	156	29
	1992	11	114	185	6	120	27	93	18
	acres, 1997	772	8 334	29 056	305	12 664	1 610	9 481	959
	1992	446	5 031	10 963	258	5 551	1 013	3 553	1 203

See footnotes at end of table.

USDA, National Agricultural Statistics Service

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms, 1997	80	855	916	649	127	1 043	5	115
	1992	72	840	994	700	74	1 113	3	93
	acres, 1997	11 957	176 440	137 956	119 557	13 200	149 898	112	13 929
	1992	11 786	162 658	161 260	121 088	12 045	154 552	(D)	10 939
Harvested cropland	farms, 1997	72	752	797	585	114	934	5	99
	1992	70	795	875	643	63	1 046	1	82
	acres, 1997	7 566	147 697	119 144	107 349	9 351	127 476	50	8 451
	1992	6 624	130 232	121 763	103 946	5 923	119 403	(D)	5 321
Cropland used only for pasture or grazing	farms, 1997	51	301	363	224	47	392	3	58
	1992	51	286	409	223	29	407	2	58
	acres, 1997	3 268	12 163	9 696	6 109	1 321	10 811	(D)	3 102
	1992	3 577	10 288	12 431	5 842	1 072	11 350	(D)	1 914
Other cropland	farms, 1997	21	337	337	186	58	375	1	46
	1992	22	446	581	347	59	545	–	61
	acres, 1997	1 123	16 580	9 116	6 099	2 528	11 611	(D)	2 376
	1992	1 585	22 138	27 066	11 300	5 050	23 799	–	3 704
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1997	10	102	106	66	18	112	–	10
	1992	13	165	264	107	31	174	–	30
	acres, 1997	556	4 600	2 614	2 049	818	2 777	–	472
	1992	984	5 221	9 030	2 783	3 283	6 823	–	1 065
Cropland on which all crops failed	farms, 1997	–	37	45	24	11	23	–	5
	1992	3	120	76	48	23	101	–	18
	acres, 1997	–	860	813	400	(D)	302	–	73
	1992	(D)	6 170	2 346	814	690	2 953	–	657
Cropland in cultivated summer fallow	farms, 1997	3	88	42	21	2	58	–	9
	1992	3	110	82	30	9	67	–	6
	acres, 1997	(D)	2 720	707	370	(D)	1 142	–	460
	1992	(D)	3 151	2 247	602	81	2 254	–	67
Cropland idle	farms, 1997	15	186	206	113	45	250	1	34
	1992	10	228	353	241	32	370	–	51
	acres, 1997	(D)	8 400	4 982	3 280	1 514	7 390	(D)	1 371
	1992	483	7 596	13 443	7 101	996	11 769	–	1 915
Total woodland	farms, 1997	76	475	518	328	77	546	5	76
	1992	65	506	589	362	58	610	2	79
	acres, 1997	9 981	22 375	18 638	12 876	5 799	19 595	180	4 771
	1992	16 160	20 810	21 713	18 315	3 204	20 158	(D)	3 900
Woodland pastured	farms, 1997	36	83	115	68	7	112	2	28
	1992	33	121	135	70	9	111	1	26
	acres, 1997	3 728	2 312	2 357	1 360	191	1 802	(D)	602
	1992	10 966	3 630	2 463	3 739	215	2 735	(D)	818
Woodland not pastured	farms, 1997	59	431	466	288	73	492	3	56
	1992	55	441	506	320	54	543	2	70
	acres, 1997	6 253	20 063	16 281	11 516	5 608	17 793	(D)	4 169
	1992	5 194	17 180	19 250	14 576	2 989	17 423	(D)	3 082
Other land	farms, 1997	62	670	794	542	99	869	4	90
	1992	53	625	825	570	53	828	2	75
	acres, 1997	1 885	17 836	24 693	14 494	2 376	16 960	(D)	4 271
	1992	1 817	16 265	27 665	15 079	827	15 996	(D)	3 208
Pastureland and rangeland other than cropland and woodland pastured	farms, 1997	17	133	179	88	23	176	1	29
	1992	20	139	177	102	9	174	1	22
	acres, 1997	735	3 701	5 960	2 187	498	3 926	(D)	1 865
	1992	581	7 674	8 150	2 320	240	4 732	(D)	1 388
Land in house lots, ponds, roads, wasteland, etc.	farms, 1997	55	637	758	515	96	831	3	87
	1992	44	595	802	544	52	782	2	72
	acres, 1997	1 150	14 135	18 733	12 307	1 878	13 034	(D)	2 406
	1992	1 236	8 591	19 515	12 759	587	11 264	(D)	1 820
Pastureland, all types	farms, 1997	67	412	517	313	63	553	4	85
	1992	64	396	554	317	37	572	2	69
	acres, 1997	7 731	18 176	18 013	9 656	2 010	16 539	102	5 569
	1992	15 124	21 592	23 044	11 901	1 527	18 817	(D)	4 120
Land under Conservation Reserve or Wetlands Reserve Programs	farms, 1997	3	154	109	30	5	84	–	13
	1992	–	56	48	20	1	38	–	8
	acres, 1997	3	9 746	4 620	1 383	251	3 822	–	999
	1992	–	4 655	2 570	623	(D)	1 158	–	489

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms, 1997	959	359	1 216	565	30	67	495	272
	1992	1 063	362	1 189	632	30	67	536	250
	acres, 1997	144 491	38 420	302 470	75 367	6 588	13 576	59 140	28 403
	1992	159 230	42 279	305 242	93 119	6 360	14 013	63 000	27 299
Harvested cropland	farms, 1997	835	340	991	483	30	63	446	258
	1992	970	351	1 119	561	28	63	507	233
	acres, 1997	119 906	28 007	275 112	64 554	3 972	8 718	50 551	18 866
	1992	122 007	29 666	276 557	71 876	3 224	10 512	52 420	16 151
Cropland used only for pasture or grazing	farms, 1997	428	81	233	260	13	34	113	113
	1992	494	70	231	275	15	41	125	101
	acres, 1997	9 575	2 652	4 578	5 515	2 184	2 893	1 639	3 853
	1992	11 851	2 980	5 944	6 666	2 666	2 635	1 879	3 912
Other cropland	farms, 1997	403	186	452	190	8	28	197	145
	1992	549	217	605	313	9	21	253	157
	acres, 1997	15 010	7 761	22 780	5 298	432	1 965	6 950	5 684
	1992	25 372	9 633	22 741	14 577	470	866	8 701	7 236
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1997	106	72	183	49	1	2	36	45
	1992	180	79	187	108	2	2	59	79
	acres, 1997	2 437	2 076	9 361	1 298	(D)	(D)	861	649
	1992	5 444	2 428	6 795	3 574	(D)	(D)	1 236	1 985
Cropland on which all crops failed	farms, 1997	63	9	32	29	–	4	28	26
	1992	112	19	55	66	4	8	77	50
	acres, 1997	1 831	188	813	587	–	(D)	435	668
	1992	6 681	419	1 293	2 209	40	306	2 178	1 166
Cropland in cultivated summer fallow	farms, 1997	102	18	27	37	–	7	59	29
	1992	118	26	41	57	2	6	34	24
	acres, 1997	2 283	242	1 107	955	–	185	2 004	418
	1992	2 597	473	1 793	1 088	(D)	(D)	693	511
Cropland idle	farms, 1997	268	144	264	117	7	22	133	114
	1992	360	166	441	202	5	13	167	89
	acres, 1997	8 459	5 255	11 499	2 458	(D)	1 481	3 650	3 949
	1992	10 650	6 313	12 860	7 706	(D)	413	4 594	3 574
Total woodland	farms, 1997	531	258	556	301	21	59	182	201
	1992	567	291	534	346	24	53	175	196
	acres, 1997	18 509	14 055	18 672	9 016	2 794	4 975	4 326	11 637
	1992	19 144	14 289	17 869	12 685	2 577	4 202	3 461	14 424
Woodland pastured	farms, 1997	80	34	52	61	8	18	20	29
	1992	84	38	62	72	9	25	18	35
	acres, 1997	1 062	1 313	1 379	1 195	(D)	(D)	421	1 269
	1992	1 599	1 376	1 310	2 843	(D)	1 243	278	1 128
Woodland not pastured	farms, 1997	493	246	527	265	17	52	166	187
	1992	524	275	502	302	23	44	163	179
	acres, 1997	17 447	12 742	17 293	7 821	(D)	(D)	3 905	10 368
	1992	17 545	12 913	16 559	9 842	(D)	2 959	3 183	13 296
Other land	farms, 1997	796	289	913	511	18	49	380	206
	1992	872	281	833	523	13	51	381	202
	acres, 1997	15 249	9 654	15 326	13 914	(D)	2 962	5 363	7 481
	1992	15 582	8 405	13 162	12 960	454	3 963	3 845	6 306
Pastureland and rangeland other than cropland and woodland pastured	farms, 1997	164	45	128	116	7	9	47	36
	1992	152	51	95	125	3	15	39	44
	acres, 1997	2 977	1 660	2 533	4 517	(D)	(D)	876	2 081
	1992	3 835	1 401	2 099	2 690	(D)	3 272	784	2 118
Land in house lots, ponds, roads, wasteland, etc.	farms, 1997	768	274	880	484	15	46	363	205
	1992	836	272	802	492	13	43	376	189
	acres, 1997	12 272	7 994	12 793	9 397	1 517	(D)	4 487	5 400
	1992	11 747	7 004	11 063	10 270	(D)	691	3 061	4 188
Pastureland, all types	farms, 1997	555	115	361	366	19	45	161	135
	1992	630	125	334	375	18	51	165	131
	acres, 1997	13 614	5 625	8 490	11 227	4 051	5 705	2 936	7 203
	1992	17 285	5 757	9 353	12 199	3 278	7 150	2 941	7 158
Land under Conservation Reserve or Wetlands Reserve Programs	farms, 1997	56	15	330	29	–	–	16	14
	1992	35	12	147	24	–	1	7	14
	acres, 1997	2 920	459	19 934	1 048	–	–	1 054	819
	1992	1 136	267	6 559	1 030	–	(D)	78	267

See footnotes at end of table.

USDA, National Agricultural Statistics Service

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms		Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms, 1997	90	389	568	334	379	321	996	910
	1992	77	393	564	300	416	277	1 083	855
	acres, 1997	12 378	55 961	81 882	62 984	61 712	66 425	196 283	186 146
	1992	9 892	55 153	89 137	62 458	71 903	63 321	203 050	179 855
Harvested cropland	farms, 1997	76	365	488	312	335	299	926	786
	1992	68	357	512	283	372	254	1 025	800
	acres, 1997	7 616	44 358	57 535	49 565	54 793	54 266	188 144	159 105
	1992	6 251	39 587	59 412	46 486	62 069	50 076	189 620	140 805
Cropland used only for pasture or grazing	farms, 1997	43	116	291	177	116	133	145	353
	1992	38	121	309	166	130	141	140	334
	acres, 1997	3 591	3 029	12 767	7 746	3 187	6 310	1 986	8 393
	1992	1 577	3 428	12 409	7 957	3 706	6 585	1 726	7 988
Other cropland	farms, 1997	25	217	269	120	115	123	211	415
	1992	42	262	339	144	177	148	414	576
	acres, 1997	1 171	8 574	11 580	5 673	3 732	5 849	6 153	18 648
	1992	2 064	12 138	17 316	8 015	6 128	6 660	11 704	31 062
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1997	4	76	92	43	40	34	62	163
	1992	8	126	139	31	62	56	123	261
	acres, 1997	(D)	2 164	2 516	1 150	1 055	979	2 187	6 253
	1992	722	4 230	5 799	1 395	1 608	1 700	2 989	9 677
Cropland on which all crops failed	farms, 1997	1	18	37	22	9	10	55	37
	1992	11	43	90	56	32	52	87	138
	acres, 1997	(D)	402	733	357	146	101	1 081	564
	1992	364	1 351	2 660	2 263	1 088	1 239	1 631	6 172
Cropland in cultivated summer fallow	farms, 1997	2	56	57	20	23	22	12	76
	1992	8	56	75	24	24	32	26	123
	acres, 1997	(D)	1 199	1 462	422	463	425	416	2 115
	1992	103	1 347	1 542	746	423	629	639	3 196
Cropland idle	farms, 1997	20	144	167	67	63	86	122	239
	1992	25	157	188	82	101	79	257	322
	acres, 1997	392	4 809	6 869	3 744	2 068	4 344	2 469	9 716
	1992	875	5 210	7 315	3 611	3 009	3 092	6 445	12 017
Total woodland	farms, 1997	70	247	373	279	245	213	307	574
	1992	64	254	431	258	241	187	380	578
	acres, 1997	11 815	12 961	18 634	39 488	12 716	14 117	6 438	31 679
	1992	10 186	13 182	22 514	38 559	13 402	15 737	7 426	27 447
Woodland pastured	farms, 1997	22	28	93	94	58	56	34	74
	1992	26	44	132	74	55	47	42	108
	acres, 1997	2 261	1 246	2 761	5 187	2 486	2 316	360	1 505
	1992	2 473	2 233	4 358	3 644	2 094	2 463	362	3 143
Woodland not pastured	farms, 1997	67	231	339	250	211	185	281	543
	1992	54	228	370	234	217	165	349	521
	acres, 1997	9 554	11 715	15 873	34 301	10 230	11 801	6 078	30 174
	1992	7 713	10 949	18 156	34 915	11 308	13 274	7 064	24 304
Other land	farms, 1997	85	302	450	241	290	247	663	721
	1992	60	286	435	197	281	219	716	665
	acres, 1997	2 431	8 181	11 458	7 189	5 239	9 485	6 994	19 946
	1992	3 212	5 102	9 502	8 997	3 868	9 264	6 619	16 728
Pastureland and rangeland other than cropland and woodland pastured	farms, 1997	25	44	103	33	56	37	67	115
	1992	14	39	105	52	35	55	57	112
	acres, 1997	627	2 457	3 443	1 354	1 131	1 671	757	2 817
	1992	2 249	927	2 532	2 863	831	2 636	950	3 431
Land in house lots, ponds, roads, wasteland, etc.	farms, 1997	79	289	420	233	277	240	633	704
	1992	57	273	417	179	271	210	691	647
	acres, 1997	1 804	5 724	8 015	5 835	4 108	7 814	6 237	17 129
	1992	963	4 175	6 970	6 134	3 037	6 628	5 669	13 297
Pastureland, all types	farms, 1997	69	161	362	216	177	177	227	454
	1992	51	158	397	216	176	186	219	440
	acres, 1997	6 479	6 732	18 971	14 287	6 804	10 297	3 103	12 715
	1992	6 299	6 588	19 299	14 464	6 631	11 684	3 038	14 562
Land under Conservation Reserve or Wetlands Reserve Programs	farms, 1997	–	23	106	13	34	30	35	194
	1992	1	19	68	7	16	17	25	131
	acres, 1997	–	883	4 989	836	1 296	1 558	1 211	10 817
	1992	(D)	992	3 368	696	646	620	399	5 388

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms, 1997..	95	371	635	436	554	253	91	470
1992..	106	388	642	421	574	252	95	445
acres, 1997..	13 605	53 392	89 663	32 793	86 370	51 262	16 504	72 253
1992..	13 036	53 869	85 669	35 275	86 827	54 875	17 043	75 479
Harvested cropland ..... farms, 1997..	82	333	579	333	523	230	86	423
1992..	96	354	590	344	549	236	91	415
acres, 1997..	9 864	46 071	70 695	24 121	67 165	40 469	11 387	51 420
1992..	8 654	43 768	62 072	25 837	62 665	40 209	10 842	48 874
Cropland used only for pasture or grazing ..... farms, 1997..	50	136	316	176	172	121	51	275
1992..	52	136	325	173	156	120	60	284
acres, 1997..	2 116	3 234	10 564	2 811	4 962	6 374	3 572	13 226
1992..	1 947	3 078	9 480	3 499	5 640	7 306	4 461	15 860
Other cropland ..... farms, 1997..	38	128	285	152	293	96	32	197
1992..	45	195	372	148	382	118	39	209
acres, 1997..	1 625	4 087	8 404	5 861	14 243	4 419	1 545	7 607
1992..	2 435	7 023	14 117	5 939	18 522	7 360	1 740	10 745
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997..	6	41	94	36	137	33	4	67
1992..	19	53	142	45	191	38	4	67
acres, 1997..	243	874	2 032	1 073	4 474	890	105	1 983
1992..	307	1 535	2 969	925	6 923	1 174	81	2 495
Cropland on which all crops failed ..... farms, 1997..	6	8	43	22	22	20	3	24
1992..	20	46	112	29	62	31	15	64
acres, 1997..	180	75	1 209	534	523	582	(D)	192
1992..	689	1 642	3 111	674	1 461	1 557	717	3 005
Cropland in cultivated summer fallow ..... farms, 1997..	10	23	69	26	61	35	1	42
1992..	13	24	69	27	85	37	10	47
acres, 1997..	207	701	1 233	1 175	1 716	990	(D)	1 581
1992..	462	334	1 285	682	1 654	1 284	146	1 126
Cropland idle ..... farms, 1997..	22	89	161	100	185	40	28	128
1992..	28	132	223	100	220	78	19	124
acres, 1997..	995	2 437	3 930	3 079	7 530	1 957	1 328	3 851
1992..	977	3 512	6 752	3 658	8 484	3 345	796	4 119
Total woodland ..... farms, 1997..	64	206	441	181	386	161	77	333
1992..	83	225	436	184	402	171	86	320
acres, 1997..	4 553	12 043	19 018	5 904	25 132	16 502	10 214	21 141
1992..	7 457	11 563	17 637	4 612	29 185	16 938	12 608	23 530
Woodland pastured ..... farms, 1997..	21	48	98	43	55	55	29	91
1992..	35	51	88	46	68	71	35	99
acres, 1997..	740	956	2 256	1 013	1 322	7 631	2 820	4 875
1992..	1 117	833	2 885	896	5 011	5 434	3 404	5 656
Woodland not pastured ..... farms, 1997..	54	187	410	160	355	131	67	281
1992..	70	203	398	160	368	133	68	280
acres, 1997..	3 813	11 087	16 762	4 891	23 810	8 871	7 394	16 266
1992..	6 340	10 730	14 752	3 716	24 174	11 504	9 204	17 874
Other land ..... farms, 1997..	75	298	521	413	424	186	62	369
1992..	78	306	514	385	444	166	61	321
acres, 1997..	2 867	7 678	13 613	6 669	16 492	5 475	5 798	14 856
1992..	1 563	8 229	12 032	8 349	13 071	3 532	3 329	9 717
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997..	15	57	104	124	73	20	20	90
1992..	15	67	94	87	78	26	6	80
acres, 1997..	734	1 123	2 683	2 357	5 072	1 052	3 236	5 386
1992..	732	1 122	2 386	3 572	2 883	1 058	2 752	3 673
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997..	71	284	502	387	411	178	61	351
1992..	74	287	488	365	429	162	60	303
acres, 1997..	2 133	6 555	10 930	4 312	11 420	4 423	2 562	9 470
1992..	831	7 107	9 646	4 777	10 188	2 474	577	6 044
Pastureland, all types ..... farms, 1997..	70	194	399	287	243	152	62	335
1992..	73	210	403	252	246	161	69	339
acres, 1997..	3 590	5 313	15 503	6 181	11 356	15 057	9 628	23 487
1992..	3 796	5 033	14 751	7 967	13 534	13 798	10 617	25 189
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997..	7	14	46	14	27	15	–	47
1992..	11	13	37	5	14	7	5	28
acres, 1997..	352	429	1 358	958	1 714	1 300	–	2 702
1992..	449	288	1 310	150	1 043	128	12	1 316

See footnotes at end of table.

USDA, National Agricultural Statistics Service

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms		Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms, 1997	73	134	1 199	288	32	1 101	882	749
	1992	71	122	1 287	272	34	1 255	949	808
	acres, 1997	8 419	18 584	140 978	53 961	2 814	268 428	140 705	184 840
	1992	8 594	19 911	146 319	51 617	2 723	290 910	160 910	201 349
Harvested cropland	farms, 1997	66	113	1 096	265	27	1 036	809	664
	1992	66	111	1 220	256	26	1 231	883	744
	acres, 1997	5 110	12 215	119 789	38 626	1 880	257 817	118 551	170 772
	1992	5 505	11 638	112 242	33 261	1 790	273 755	126 028	175 391
Cropland used only for pasture or grazing	farms, 1997	54	55	391	137	14	144	324	270
	1992	52	72	457	153	18	163	334	294
	acres, 1997	2 615	3 136	7 700	6 812	715	2 809	7 439	6 521
	1992	2 365	3 393	10 268	9 283	544	2 818	7 455	7 525
Other cropland	farms, 1997	27	68	374	140	10	275	416	208
	1992	28	79	570	140	13	553	551	459
	acres, 1997	694	3 233	13 489	8 523	219	7 802	14 715	7 547
	1992	724	4 880	23 809	9 073	389	14 337	27 427	18 433
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1997	7	28	117	61	–	86	85	85
	1992	13	31	212	41	8	194	177	215
	acres, 1997	180	1 257	2 717	3 397	–	2 327	2 103	3 630
	1992	401	854	9 219	2 558	109	4 090	5 613	5 696
Cropland on which all crops failed	farms, 1997	3	14	25	22	1	38	51	24
	1992	4	32	98	74	5	91	177	41
	acres, 1997	72	540	652	929	(D)	431	996	374
	1992	52	1 172	3 710	3 396	(D)	2 481	8 386	849
Cropland in cultivated summer fallow	farms, 1997	7	18	62	40	3	30	137	16
	1992	5	30	78	47	1	43	124	34
	acres, 1997	53	375	1 517	988	(D)	770	3 937	596
	1992	60	1 181	2 696	1 087	(D)	993	3 456	808
Cropland idle	farms, 1997	15	31	237	79	7	166	268	102
	1992	10	45	345	54	6	325	308	295
	acres, 1997	389	1 061	8 603	3 209	129	4 274	7 679	2 947
	1992	211	1 673	8 184	2 032	167	6 773	9 972	11 080
Total woodland	farms, 1997	54	101	472	210	19	510	459	412
	1992	65	109	472	218	23	571	506	439
	acres, 1997	2 896	11 956	13 926	20 315	893	16 947	11 763	15 342
	1992	3 859	13 969	13 073	24 038	857	17 846	12 022	17 520
Woodland pastured	farms, 1997	23	31	95	66	13	50	105	84
	1992	28	42	125	87	12	76	99	97
	acres, 1997	783	2 212	1 748	3 447	448	1 280	2 086	1 223
	1992	1 324	3 937	2 311	4 949	461	1 654	2 012	2 426
Woodland not pastured	farms, 1997	45	93	415	186	10	483	407	373
	1992	57	88	384	188	15	528	442	395
	acres, 1997	2 113	9 744	12 178	16 868	445	15 667	9 677	14 119
	1992	2 535	10 032	10 762	19 089	396	16 192	10 010	15 094
Other land	farms, 1997	52	100	925	199	21	760	677	588
	1992	60	103	958	175	22	787	712	610
	acres, 1997	2 589	3 910	15 723	8 190	432	12 467	10 419	17 163
	1992	1 628	2 392	16 913	4 266	206	9 369	8 637	15 954
Pastureland and rangeland other than cropland and woodland pastured	farms, 1997	20	24	133	51	5	71	100	108
	1992	20	19	150	42	4	85	77	108
	acres, 1997	1 667	1 466	2 470	2 628	228	1 427	1 944	2 509
	1992	1 100	435	4 109	2 149	22	1 906	1 326	2 947
Land in house lots, ponds, roads, wasteland, etc.	farms, 1997	48	93	885	181	17	739	658	560
	1992	56	101	922	164	20	764	700	591
	acres, 1997	922	2 444	13 253	5 562	204	11 040	8 475	14 654
	1992	528	1 957	12 804	2 117	184	7 463	7 311	13 007
Pastureland, all types	farms, 1997	61	75	522	182	23	227	434	351
	1992	58	92	591	192	28	269	418	369
	acres, 1997	5 065	6 814	11 918	12 887	1 391	5 516	11 469	10 253
	1992	4 789	7 765	16 688	16 381	1 027	6 378	10 793	12 898
Land under Conservation Reserve or Wetlands Reserve Programs	farms, 1997	2	10	63	20	1	64	43	98
	1992	1	5	48	11	–	39	27	69
	acres, 1997	(D)	426	2 598	638	(D)	2 671	2 182	4 981
	1992	(D)	189	2 273	313	–	1 170	741	2 465

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms, 1997	1 365	40	863	1 081	1 029	956	261	236
	1992	1 365	46	1 051	1 071	1 129	996	268	166
	acres, 1997	380 837	8 761	184 076	291 711	135 761	153 147	30 266	29 386
	1992	404 349	7 707	204 715	291 059	163 099	156 673	19 258	20 366
Harvested cropland	farms, 1997	1 182	38	800	948	936	826	209	214
	1992	1 286	40	1 005	1 008	1 064	904	243	144
	acres, 1997	334 433	5 037	170 733	267 218	111 235	134 302	22 740	21 581
	1992	334 227	4 286	178 147	262 996	117 357	126 536	15 517	12 688
Cropland used only for pasture or grazing	farms, 1997	477	26	237	333	284	351	67	96
	1992	471	30	306	296	272	357	49	87
	acres, 1997	13 806	3 276	4 847	8 971	7 784	7 167	1 275	3 090
	1992	15 068	2 611	6 580	6 811	8 762	8 514	1 246	2 675
Other cropland	farms, 1997	614	11	292	373	468	323	107	102
	1992	899	20	565	554	681	503	94	102
	acres, 1997	32 598	448	8 496	15 522	16 742	11 678	6 251	4 715
	1992	55 054	810	19 988	21 252	36 980	21 623	2 495	5 003
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1997	201	3	98	131	131	82	20	40
	1992	359	3	198	238	220	195	14	43
	acres, 1997	10 376	(D)	2 084	4 474	4 658	1 554	635	1 707
	1992	11 639	27	5 219	6 382	11 579	6 744	460	1 782
Cropland on which all crops failed	farms, 1997	72	3	28	66	46	27	8	11
	1992	324	6	147	83	108	66	29	23
	acres, 1997	1 906	(D)	420	2 028	1 694	518	317	157
	1992	19 792	174	5 073	2 451	4 180	2 090	347	508
Cropland in cultivated summer fallow	farms, 1997	182	4	48	64	41	43	12	17
	1992	191	5	75	63	63	63	10	14
	acres, 1997	5 945	51	1 210	1 360	679	1 338	484	665
	1992	5 372	70	1 725	1 470	1 236	1 538	241	149
Cropland idle	farms, 1997	326	6	158	211	354	243	80	68
	1992	465	7	315	304	503	317	64	60
	acres, 1997	14 371	287	4 782	7 660	9 711	8 268	4 815	2 186
	1992	18 251	539	7 971	10 949	19 985	11 251	1 447	2 564
Total woodland	farms, 1997	657	35	503	579	613	508	75	163
	1992	701	38	592	560	718	531	79	122
	acres, 1997	24 164	4 766	14 206	23 941	22 052	12 270	2 467	8 851
	1992	21 544	4 102	18 342	19 506	24 965	15 934	1 015	7 416
Woodland pastured	farms, 1997	98	12	47	117	81	86	14	28
	1992	137	14	76	112	116	76	13	28
	acres, 1997	2 651	577	1 002	4 359	1 611	1 074	236	1 110
	1992	3 738	1 545	1 188	2 814	2 495	1 354	161	889
Woodland not pastured	farms, 1997	609	30	476	520	582	455	69	149
	1992	622	32	541	507	666	481	66	111
	acres, 1997	21 513	4 189	13 204	19 582	20 441	11 196	2 231	7 741
	1992	17 806	2 557	17 154	16 692	22 470	14 580	854	6 527
Other land	farms, 1997	1 035	32	664	804	830	782	205	178
	1992	975	33	781	770	887	780	214	141
	acres, 1997	24 705	2 215	15 871	17 447	19 547	14 806	6 369	5 084
	1992	18 514	2 099	13 742	13 546	18 717	16 351	2 215	3 645
Pastureland and rangeland other than cropland and woodland pastured	farms, 1997	158	13	95	102	114	126	53	23
	1992	138	12	110	111	132	163	31	25
	acres, 1997	5 672	466	1 591	3 298	1 879	2 080	3 448	667
	1992	3 497	1 785	1 757	3 244	2 851	3 829	681	1 113
Land in house lots, ponds, roads, wasteland, etc.	farms, 1997	994	29	645	783	804	760	185	175
	1992	924	28	762	740	857	749	201	137
	acres, 1997	19 033	1 749	14 280	14 149	17 668	12 726	2 921	4 417
	1992	15 017	314	11 985	10 302	15 866	12 522	1 534	2 532
Pastureland, all types	farms, 1997	617	34	321	442	374	470	121	121
	1992	602	39	407	400	397	496	87	102
	acres, 1997	22 129	4 319	7 440	16 628	11 274	10 321	4 959	4 867
	1992	22 303	5 941	9 525	12 869	14 108	13 697	2 088	4 677
Land under Conservation Reserve or Wetlands Reserve Programs	farms, 1997	279	2	55	136	89	64	25	23
	1992	145	–	31	71	57	37	1	12
	acres, 1997	18 246	(D)	2 259	6 952	5 308	2 843	1 689	1 055
	1992	7 209	–	782	3 224	2 444	927	(D)	443

[1]Data are based on a sample of farms.

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**

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

Farms with harvested cropland	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Farms.....number, 1997..	**37 941**	**176**	**56**	**1 116**	**351**	**220**	**237**
1992..	**41 334**	**173**	**53**	**1 269**	**351**	**217**	**260**
acres harvested, 1997..	**6 724 480**	**18 148**	**6 431**	**175 394**	**39 323**	**21 583**	**56 792**
1992..	**6 584 251**	**15 372**	**4 802**	**169 173**	**37 297**	**19 809**	**52 391**
HARVESTED CROPLAND BY SIZE OF FARM							
1997 size of farm:							
1 to 9 acres ..... farms..	1 354	1	–	49	6	9	5
acres harvested..	3 951	(D)	–	150	(D)	(D)	13
10 to 49 acres ..... farms..	8 530	21	7	328	61	37	28
acres harvested..	130 752	366	(D)	4 623	791	466	517
50 to 69 acres ..... farms..	2 871	7	1	114	20	13	15
acres harvested..	89 911	180	(D)	2 996	528	265	556
70 to 99 acres ..... farms..	4 753	23	4	124	56	36	27
acres harvested..	205 278	662	149	5 373	2 025	1 074	966
100 to 139 acres ..... farms..	3 976	28	8	116	45	23	28
acres harvested..	254 073	1 204	374	7 275	1 988	963	1 518
140 to 179 acres ..... farms..	3 116	20	7	83	49	26	17
acres harvested..	277 186	1 174	237	7 775	2 302	1 602	1 483
180 to 219 acres ..... farms..	2 212	19	6	66	26	14	14
acres harvested..	261 825	1 587	368	8 364	2 290	971	1 614
220 to 259 acres ..... farms..	1 581	8	4	32	11	11	12
acres harvested..	235 278	734	420	5 095	1 486	984	1 708
260 to 499 acres ..... farms..	4 696	33	11	93	43	29	49
acres harvested..	1 150 580	5 263	1 478	25 406	7 643	5 331	12 714
500 to 999 acres ..... farms..	3 150	14	6	68	25	14	25
acres harvested..	1 692 368	5 177	2 660	40 849	8 899	3 745	13 727
1,000 to 1,999 acres ..... farms..	1 330	1	2	33	8	7	13
acres harvested..	1 458 859	(D)	(D)	37 144	7 342	4 330	13 481
2,000 acres or more ..... farms..	372	1	–	10	1	1	4
acres harvested..	964 419	(D)	–	30 344	(D)	(D)	8 495
1992 size of farm:							
1 to 9 acres ..... farms..	1 339	1	1	53	6	13	3
acres harvested..	3 993	(D)	(D)	153	(D)	19	(D)
10 to 49 acres ..... farms..	8 675	21	1	337	45	34	35
acres harvested..	135 796	451	(D)	5 227	541	424	543
50 to 69 acres ..... farms..	2 986	11	2	122	14	18	14
acres harvested..	93 076	(D)	(D)	3 318	406	362	471
70 to 99 acres ..... farms..	5 225	29	4	168	60	21	31
acres harvested..	222 960	921	(D)	6 733	2 053	595	1 082
100 to 139 acres ..... farms..	4 526	27	11	140	54	21	29
acres harvested..	285 040	1 088	319	8 882	2 332	645	1 900
140 to 179 acres ..... farms..	3 497	15	8	95	40	17	15
acres harvested..	296 491	737	382	9 382	2 326	731	919
180 to 219 acres ..... farms..	2 472	14	5	68	24	17	15
acres harvested..	276 609	827	331	8 803	1 780	1 358	1 257
220 to 259 acres ..... farms..	1 900	11	6	54	19	16	11
acres harvested..	270 219	1 111	579	8 897	1 664	1 506	1 764
260 to 499 acres ..... farms..	5 654	26	7	134	57	37	56
acres harvested..	1 294 533	3 456	866	34 743	7 932	4 655	12 604
500 to 999 acres ..... farms..	3 537	12	6	69	25	18	36
acres harvested..	1 762 526	3 252	1 592	36 219	10 559	6 092	14 663
1,000 to 1,999 acres ..... farms..	1 224	5	2	18	6	5	13
acres harvested..	1 251 816	2 224	(D)	19 483	5 655	3 422	13 220
2,000 acres or more ..... farms..	299	1	–	11	1	–	2
acres harvested..	691 192	(D)	–	27 333	(D)	–	(D)
HARVESTED CROPLAND BY ACRES HARVESTED							
1997 acres harvested:							
1 to 9 acres ..... farms..	5 319	10	12	217	51	44	21
acres..	23 043	32	59	954	253	(D)	91
10 to 19 acres ..... farms..	4 423	12	2	167	43	29	16
acres..	59 329	158	(D)	2 231	569	373	227
20 to 29 acres ..... farms..	3 386	22	4	109	38	25	20
acres..	78 109	508	87	2 542	889	583	451
30 to 49 acres ..... farms..	4 793	38	8	127	58	28	33
acres..	180 079	1 303	307	4 738	2 156	1 034	1 241
50 to 99 acres ..... farms..	6 342	42	13	151	72	38	31
acres..	442 967	2 995	904	10 497	4 895	2 667	2 139
100 to 199 acres ..... farms..	5 247	28	6	148	40	29	38
acres..	730 876	3 625	753	20 294	5 523	4 146	5 270
200 to 499 acres ..... farms..	4 915	20	9	106	34	20	48
acres..	1 542 100	6 567	3 027	32 939	9 828	6 371	16 698
500 to 999 acres ..... farms..	2 289	4	2	54	12	5	18
acres..	1 583 919	2 960	(D)	38 058	7 820	3 297	12 762
1,000 acres or more ..... farms..	1 227	–	–	37	3	2	12
acres..	2 084 058	–	–	63 141	7 390	(D)	17 913
1992 acres harvested:							
1 to 9 acres ..... farms..	5 253	10	9	181	37	47	21
acres..	23 398	33	28	825	175	(D)	91
10 to 19 acres ..... farms..	4 857	14	3	206	39	24	31
acres..	65 610	172	40	2 726	528	314	400
20 to 29 acres ..... farms..	3 624	27	4	130	46	20	17
acres..	84 743	616	96	3 065	1 077	446	400
30 to 49 acres ..... farms..	5 396	44	10	170	58	42	26
acres..	202 228	1 657	379	6 353	2 110	1 537	981
50 to 99 acres ..... farms..	7 289	37	11	185	86	29	40
acres..	510 240	2 675	896	13 089	6 005	2 004	2 738
100 to 199 acres ..... farms..	6 024	21	9	185	42	27	40
acres..	838 961	2 890	1 071	25 405	5 562	3 646	5 821
200 to 499 acres ..... farms..	5 609	17	7	143	28	22	59
acres..	1 741 406	5 115	2 292	44 920	9 050	6 681	17 939
500 to 999 acres ..... farms..	2 334	2	–	49	11	4	17
acres..	1 587 319	(D)	–	32 920	7 479	2 902	11 249
1,000 acres or more ..... farms..	948	1	–	20	4	2	9
acres..	1 530 346	(D)	–	39 870	5 311	(D)	12 772

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Farms.....number, 1997..	**52**	**625**	**646**	**110**	**1 043**	**733**	**876**
1992..	**53**	**712**	**762**	**105**	**1 229**	**821**	**937**
acres harvested, 1997..	**5 820**	**95 387**	**152 564**	**8 102**	**126 637**	**160 318**	**157 288**
1992..	**5 266**	**93 656**	**153 910**	**7 117**	**114 707**	**155 388**	**145 940**
HARVESTED CROPLAND BY SIZE OF FARM							
1997 size of farm:							
1 to 9 acres ..... farms..	1	8	25	2	80	20	17
acres harvested..	(D)	27	80	(D)	285	60	53
10 to 49 acres ..... farms..	8	118	137	19	394	145	150
acres harvested..	78	1 914	2 824	183	4 656	2 561	2 320
50 to 69 acres ..... farms..	–	72	52	10	109	57	61
acres harvested..	–	2 040	2 356	244	3 167	1 708	1 666
70 to 99 acres ..... farms..	10	110	74	17	97	105	131
acres harvested..	312	4 513	4 277	376	4 501	4 495	5 635
100 to 139 acres ..... farms..	3	70	63	14	89	73	89
acres harvested..	(D)	3 461	5 691	693	5 912	4 798	5 571
140 to 179 acres ..... farms..	5	65	54	9	54	53	94
acres harvested..	(D)	4 531	6 757	424	5 787	4 433	7 608
180 to 219 acres ..... farms..	4	26	31	6	38	44	56
acres harvested..	165	2 553	4 960	356	5 163	4 525	6 426
220 to 259 acres ..... farms..	2	23	29	6	33	26	38
acres harvested..	(D)	2 990	5 670	383	5 633	4 119	5 379
260 to 499 acres ..... farms..	5	63	78	17	81	94	124
acres harvested..	814	14 502	26 116	2 818	21 808	23 039	28 829
500 to 999 acres ..... farms..	14	49	69	9	42	67	82
acres harvested..	3 924	26 758	45 496	2 278	24 904	39 071	45 492
1,000 to 1,999 acres ..... farms..	–	15	26	1	19	39	24
acres harvested..	–	18 193	30 928	(D)	22 052	43 564	26 179
2,000 acres or more ..... farms..	–	6	8	–	7	10	10
acres harvested..	–	13 905	17 409	–	22 769	27 945	22 130
1992 size of farm:							
1 to 9 acres ..... farms..	–	7	36	2	100	15	16
acres harvested..	–	25	115	(D)	324	49	69
10 to 49 acres ..... farms..	7	132	140	14	491	131	170
acres harvested..	165	1 816	3 192	228	6 304	2 504	2 714
50 to 69 acres ..... farms..	1	66	61	19	113	50	62
acres harvested..	(D)	1 610	2 863	465	3 442	1 255	1 659
70 to 99 acres ..... farms..	7	124	117	16	117	126	134
acres harvested..	141	4 342	7 471	372	5 139	5 032	5 188
100 to 139 acres ..... farms..	6	78	83	11	96	89	80
acres harvested..	277	3 590	7 768	360	6 823	5 594	4 532
140 to 179 acres ..... farms..	6	62	52	6	100	67	95
acres harvested..	331	3 876	6 331	142	10 004	5 460	6 886
180 to 219 acres ..... farms..	2	34	42	9	44	46	66
acres harvested..	(D)	2 658	6 187	665	5 477	5 662	6 140
220 to 259 acres ..... farms..	4	41	32	6	33	24	46
acres harvested..	422	5 367	6 361	340	5 652	3 452	4 882
260 to 499 acres ..... farms..	13	83	85	13	65	152	133
acres harvested..	2 225	15 978	26 424	1 817	15 354	36 247	26 593
500 to 999 acres ..... farms..	7	64	87	8	45	89	108
acres harvested..	1 649	32 805	51 051	1 907	23 326	48 436	55 068
1,000 to 1,999 acres ..... farms..	–	18	23	1	22	24	22
acres harvested..	–	16 097	28 155	(D)	24 206	23 437	22 806
2,000 acres or more ..... farms..	–	3	4	–	3	8	5
acres harvested..	–	5 492	7 992	–	8 656	18 260	9 403
HARVESTED CROPLAND BY ACRES HARVESTED							
1997 acres harvested:							
1 to 9 acres ..... farms..	10	73	56	25	322	68	88
acres..	45	335	241	(D)	1 411	343	413
10 to 19 acres ..... farms..	4	78	56	14	144	89	97
acres..	49	1 040	730	180	1 972	1 213	1 267
20 to 29 acres ..... farms..	9	75	49	13	89	72	64
acres..	207	1 735	1 144	290	2 089	1 679	1 466
30 to 49 acres ..... farms..	6	105	64	13	108	99	111
acres..	223	3 896	2 398	497	4 100	3 855	4 206
50 to 99 acres ..... farms..	6	119	113	20	128	127	175
acres..	485	8 174	7 762	1 400	9 286	8 828	12 040
100 to 199 acres ..... farms..	6	70	110	14	108	90	135
acres..	835	9 921	16 092	1 839	15 629	12 446	18 999
200 to 499 acres ..... farms..	8	56	101	10	89	97	123
acres..	2 471	18 211	33 143	3 276	27 696	31 828	36 344
500 to 999 acres ..... farms..	3	33	67	1	34	58	59
acres..	1 505	22 988	46 465	(D)	23 641	41 713	41 896
1,000 acres or more ..... farms..	–	16	30	–	21	33	24
acres..	–	29 087	44 589	–	40 813	58 413	40 657
1992 acres harvested:							
1 to 9 acres ..... farms..	7	92	65	19	358	66	86
acres..	(D)	503	265	(D)	1 566	364	425
10 to 19 acres ..... farms..	5	105	51	16	180	79	123
acres..	69	1 374	698	227	2 423	1 104	1 674
20 to 29 acres ..... farms..	2	82	42	11	123	79	80
acres..	(D)	1 856	1 033	251	2 923	1 826	1 856
30 to 49 acres ..... farms..	12	115	91	18	150	112	147
acres..	427	4 190	3 381	678	5 540	4 258	5 620
50 to 99 acres ..... farms..	7	110	169	19	148	142	173
acres..	442	7 780	11 964	1 222	10 759	10 093	12 309
100 to 199 acres ..... farms..	9	82	127	17	142	105	128
acres..	1 125	11 287	17 603	2 478	19 724	14 887	17 496
200 to 499 acres ..... farms..	11	72	127	4	78	156	115
acres..	3 129	22 175	41 090	1 377	22 726	48 507	37 484
500 to 999 acres ..... farms..	–	42	70	1	32	63	69
acres..	–	28 802	47 814	(D)	22 171	42 733	45 247
1,000 acres or more ..... farms..	–	12	20	–	18	19	16
acres..	–	15 689	30 062	–	26 875	31 616	23 829

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Farms.....number, 1997..	**602**	**153**	**189**	**291**	**274**	**967**	**19**
1992..	**652**	**162**	**149**	**296**	**245**	**1 139**	**12**
acres harvested, 1997..	**123 647**	**12 162**	**17 564**	**45 562**	**26 481**	**188 811**	**436**
1992..	**121 753**	**13 417**	**14 470**	**39 361**	**24 789**	**193 259**	**(D)**
HARVESTED CROPLAND BY SIZE OF FARM							
1997 size of farm:							
1 to 9 acres ..... farms..	19	6	7	1	2	28	2
acres harvested..	55	(D)	(D)	(D)	(D)	88	(D)
10 to 49 acres ..... farms..	127	20	28	20	37	211	8
acres harvested..	1 895	194	399	353	710	3 506	134
50 to 69 acres ..... farms..	48	17	10	11	23	70	3
acres harvested..	1 578	418	190	(D)	594	3 121	(D)
70 to 99 acres ..... farms..	71	21	27	39	57	153	2
acres harvested..	2 931	458	697	1 752	1 988	8 063	(D)
100 to 139 acres ..... farms..	52	21	20	31	45	91	2
acres harvested..	3 009	829	1 029	1 534	2 386	7 194	(D)
140 to 179 acres ..... farms..	47	22	15	35	25	89	–
acres harvested..	4 574	1 636	748	2 712	1 484	9 633	–
180 to 219 acres ..... farms..	31	4	14	18	15	63	–
acres harvested..	3 846	334	754	1 812	1 086	9 453	–
220 to 259 acres ..... farms..	31	9	17	19	20	35	2
acres harvested..	4 561	740	1 483	2 179	1 462	6 509	(D)
260 to 499 acres ..... farms..	77	19	26	53	21	118	–
acres harvested..	19 840	2 229	2 638	8 364	3 226	31 982	–
500 to 999 acres ..... farms..	61	12	20	49	24	65	–
acres harvested..	35 030	4 226	6 953	17 886	8 852	38 316	–
1,000 to 1,999 acres ..... farms..	33	2	3	12	4	31	–
acres harvested..	36 349	(D)	1 760	6 550	3 141	33 202	–
2,000 acres or more ..... farms..	5	–	2	3	1	13	–
acres harvested..	9 979	–	(D)	2 140	(D)	37 744	–
1992 size of farm:							
1 to 9 acres ..... farms..	20	3	3	–	2	14	1
acres harvested..	61	4	7	–	(D)	42	(D)
10 to 49 acres ..... farms..	134	27	25	20	33	229	2
acres harvested..	2 028	330	316	431	652	3 993	(D)
50 to 69 acres ..... farms..	42	12	8	9	20	74	1
acres harvested..	1 400	249	219	(D)	449	2 891	(D)
70 to 99 acres ..... farms..	69	19	23	27	46	163	3
acres harvested..	3 074	558	731	1 194	1 623	8 048	145
100 to 139 acres ..... farms..	59	20	13	41	22	144	2
acres harvested..	3 384	817	562	2 193	1 089	11 003	(D)
140 to 179 acres ..... farms..	55	17	10	37	26	116	1
acres harvested..	4 484	1 014	687	2 337	1 258	12 006	(D)
180 to 219 acres ..... farms..	31	10	17	23	14	78	–
acres harvested..	3 777	615	1 280	1 823	1 205	11 888	–
220 to 259 acres ..... farms..	35	5	4	25	29	52	2
acres harvested..	4 551	467	246	2 576	2 485	9 228	(D)
260 to 499 acres ..... farms..	107	31	22	62	27	158	–
acres harvested..	23 823	3 354	2 487	9 832	3 896	41 413	–
500 to 999 acres ..... farms..	68	13	21	47	21	74	–
acres harvested..	37 305	2 803	6 390	15 974	8 007	41 009	–
1,000 to 1,999 acres ..... farms..	26	5	2	4	3	30	–
acres harvested..	26 786	3 206	(D)	2 245	2 207	31 969	–
2,000 acres or more ..... farms..	6	–	1	1	2	7	–
acres harvested..	11 080	–	(D)	(D)	(D)	19 769	–
HARVESTED CROPLAND BY ACRES HARVESTED							
1997 acres harvested:							
1 to 9 acres ..... farms..	77	30	25	12	20	118	6
acres..	329	131	95	(D)	(D)	548	25
10 to 19 acres ..... farms..	60	19	29	22	39	87	4
acres..	817	255	416	286	567	1 199	49
20 to 29 acres ..... farms..	59	24	21	19	32	60	2
acres..	1 363	557	481	434	746	1 403	(D)
30 to 49 acres ..... farms..	74	15	28	43	56	100	5
acres..	2 815	564	1 102	1 698	2 060	3 782	(D)
50 to 99 acres ..... farms..	82	31	40	57	69	206	2
acres..	5 649	2 159	2 679	3 863	4 655	14 483	(D)
100 to 199 acres ..... farms..	90	19	23	64	29	164	–
acres..	13 106	2 502	2 969	8 760	4 056	22 957	–
200 to 499 acres ..... farms..	84	11	15	54	17	145	–
acres..	27 285	3 714	4 593	16 880	5 365	43 889	–
500 to 999 acres ..... farms..	51	4	8	18	10	54	–
acres..	36 411	2 280	5 229	11 393	6 264	37 354	–
1,000 acres or more ..... farms..	25	–	–	2	2	33	–
acres..	35 872	–	–	(D)	(D)	63 196	–
1992 acres harvested:							
1 to 9 acres ..... farms..	80	27	17	10	18	85	4
acres..	394	129	53	54	(D)	403	23
10 to 19 acres ..... farms..	77	13	21	20	31	115	1
acres..	1 074	178	302	264	426	1 535	(D)
20 to 29 acres ..... farms..	44	26	13	17	38	88	2
acres..	1 048	603	295	379	879	2 096	(D)
30 to 49 acres ..... farms..	76	27	24	51	45	134	2
acres..	2 919	1 055	876	1 881	1 734	5 124	(D)
50 to 99 acres ..... farms..	116	35	32	85	46	235	3
acres..	8 217	2 390	2 243	6 068	3 118	16 797	190
100 to 199 acres ..... farms..	82	18	22	42	37	221	–
acres..	11 869	2 472	3 073	5 564	4 863	31 652	–
200 to 499 acres ..... farms..	103	12	15	60	18	184	–
acres..	31 526	3 784	4 854	18 342	5 264	56 740	–
500 to 999 acres ..... farms..	56	4	5	11	10	52	–
acres..	38 060	2 806	2 774	6 809	6 331	36 984	–
1,000 acres or more ..... farms..	18	–	–	–	2	25	–
acres..	26 646	–	–	–	(D)	41 928	–

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Farms.....number, 1997..	**224**	**104**	**826**	**178**	**631**	**343**	**38**
1992..	**209**	**87**	**947**	**168**	**691**	**349**	**41**
acres harvested, 1997..	**28 923**	**9 492**	**161 765**	**16 188**	**84 103**	**32 296**	**1 249**
1992..	**25 446**	**8 959**	**160 758**	**14 619**	**96 095**	**27 836**	**1 813**
HARVESTED CROPLAND BY SIZE OF FARM							
1997 size of farm:							
1 to 9 acres ..... farms..	6	4	24	4	34	2	3
acres harvested..	19	(D)	76	5	81	(D)	4
10 to 49 acres ..... farms..	18	18	215	26	228	55	6
acres harvested..	223	236	3 089	294	3 444	863	86
50 to 69 acres ..... farms..	6	7	51	15	80	19	6
acres harvested..	218	158	1 582	372	1 963	(D)	139
70 to 99 acres ..... farms..	24	8	101	33	82	73	8
acres harvested..	748	175	4 518	1 122	3 603	2 662	213
100 to 139 acres ..... farms..	25	8	83	18	46	45	7
acres harvested..	1 160	410	5 327	587	3 293	2 656	316
140 to 179 acres ..... farms..	27	6	52	16	34	44	4
acres harvested..	1 459	276	4 859	899	3 408	3 190	146
180 to 219 acres ..... farms..	18	6	55	7	24	32	4
acres harvested..	1 124	427	5 794	562	3 156	2 406	345
220 to 259 acres ..... farms..	11	10	41	7	13	21	–
acres harvested..	1 086	1 140	6 679	534	2 478	2 080	–
260 to 499 acres ..... farms..	49	24	106	35	40	32	–
acres harvested..	8 387	3 233	29 824	5 637	10 090	6 107	–
500 to 999 acres ..... farms..	29	11	54	12	25	17	–
acres harvested..	8 130	2 202	30 596	3 329	13 863	8 126	–
1,000 to 1,999 acres ..... farms..	11	2	32	5	18	3	–
acres harvested..	6 369	(D)	37 237	2 847	20 528	3 719	–
2,000 acres or more ..... farms..	–	–	12	–	7	–	–
acres harvested..	–	–	32 184	–	18 196	–	–
1992 size of farm:							
1 to 9 acres ..... farms..	3	3	27	8	38	2	1
acres harvested..	(D)	5	113	30	114	(D)	(D)
10 to 49 acres ..... farms..	22	10	210	17	227	54	5
acres harvested..	304	172	3 371	238	3 553	817	83
50 to 69 acres ..... farms..	10	2	74	10	78	17	2
acres harvested..	303	(D)	2 234	192	2 487	(D)	(D)
70 to 99 acres ..... farms..	20	2	96	16	79	82	14
acres harvested..	697	(D)	4 168	511	3 261	2 944	483
100 to 139 acres ..... farms..	17	10	106	22	68	52	4
acres harvested..	555	602	6 707	759	4 362	2 436	174
140 to 179 acres ..... farms..	20	6	56	22	37	41	5
acres harvested..	1 161	258	5 347	1 209	2 939	2 749	233
180 to 219 acres ..... farms..	13	9	61	17	34	18	5
acres harvested..	763	707	6 212	1 415	3 946	1 241	451
220 to 259 acres ..... farms..	10	5	56	6	20	20	2
acres harvested..	693	441	8 614	494	3 115	2 002	(D)
260 to 499 acres ..... farms..	48	24	142	38	59	45	3
acres harvested..	6 829	3 466	33 670	5 612	16 128	6 338	(D)
500 to 999 acres ..... farms..	34	15	82	8	20	14	–
acres harvested..	9 209	2 977	41 087	1 909	11 623	5 386	–
1,000 to 1,999 acres ..... farms..	11	1	30	4	23	4	–
acres harvested..	4 325	(D)	33 593	2 250	26 219	3 608	–
2,000 acres or more ..... farms..	1	–	7	–	8	–	–
acres harvested..	(D)	–	15 642	–	18 348	–	–
HARVESTED CROPLAND BY ACRES HARVESTED							
1997 acres harvested:							
1 to 9 acres ..... farms..	23	17	122	23	136	25	8
acres..	87	(D)	612	64	593	(D)	(D)
10 to 19 acres ..... farms..	19	12	96	25	91	47	5
acres..	264	155	1 261	334	1 183	647	70
20 to 29 acres ..... farms..	13	10	71	21	93	38	8
acres..	296	226	1 636	483	2 087	892	175
30 to 49 acres ..... farms..	36	15	89	28	92	68	9
acres..	1 308	526	3 249	1 039	3 448	2 527	329
50 to 99 acres ..... farms..	44	15	145	33	71	85	6
acres..	3 051	1 125	10 068	2 189	4 935	6 093	387
100 to 199 acres ..... farms..	39	19	109	25	59	46	2
acres..	5 251	2 377	15 483	3 496	8 241	5 700	(D)
200 to 499 acres ..... farms..	37	14	115	19	43	21	–
acres..	10 862	3 803	36 368	5 656	11 740	6 513	–
500 to 999 acres ..... farms..	13	2	44	4	25	11	–
acres..	7 804	(D)	30 935	2 927	16 179	6 912	–
1,000 acres or more ..... farms..	–	–	35	–	21	2	–
acres..	–	–	62 153	–	35 697	(D)	–
1992 acres harvested:							
1 to 9 acres ..... farms..	23	11	105	21	113	32	3
acres..	86	(D)	523	92	449	159	6
10 to 19 acres ..... farms..	17	5	125	24	106	44	11
acres..	225	76	1 715	279	1 391	605	153
20 to 29 acres ..... farms..	11	8	80	14	87	50	4
acres..	257	181	1 922	327	2 018	1 169	97
30 to 49 acres ..... farms..	39	5	106	25	122	78	8
acres..	1 410	206	3 880	934	4 532	3 001	294
50 to 99 acres ..... farms..	34	24	160	35	92	73	9
acres..	2 510	1 752	11 069	2 292	6 433	5 181	591
100 to 199 acres ..... farms..	40	21	148	29	68	47	6
acres..	5 872	2 993	21 300	3 979	9 566	6 246	672
200 to 499 acres ..... farms..	39	12	148	17	59	17	–
acres..	11 519	3 178	46 327	4 705	17 617	5 327	–
500 to 999 acres ..... farms..	6	1	45	3	21	8	–
acres..	3 567	(D)	30 339	2 011	15 195	6 148	–
1,000 acres or more ..... farms..	–	–	30	–	23	–	–
acres..	–	–	43 683	–	38 894	–	–

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Farms.....number, 1997..	**357**	**715**	**807**	**107**	**967**	**692**	**815**	**192**
1992..	**366**	**849**	**891**	**120**	**1 212**	**733**	**912**	**178**
acres harvested, 1997..	**32 745**	**226 252**	**168 425**	**8 075**	**355 965**	**143 455**	**173 040**	**18 674**
1992..	**31 485**	**221 911**	**152 548**	**9 024**	**361 920**	**130 471**	**176 767**	**18 126**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms..	18	19	11	2	22	19	18	7
acres harvested..	(D)	58	52	(D)	94	52	75	(D)
10 to 49 acres ..... farms..	106	120	168	13	115	218	170	44
acres harvested..	1 433	2 672	2 751	99	2 422	3 044	3 019	667
50 to 69 acres ..... farms..	23	54	70	8	35	53	65	4
acres harvested..	563	1 695	2 273	174	1 348	1 866	2 286	93
70 to 99 acres ..... farms..	52	80	117	17	77	76	101	24
acres harvested..	1 980	4 281	4 656	320	4 667	3 629	4 368	766
100 to 139 acres ..... farms..	42	68	89	18	84	55	117	17
acres harvested..	2 560	5 291	5 633	994	7 606	3 574	8 113	912
140 to 179 acres ..... farms..	26	58	55	11	59	46	49	20
acres harvested..	2 282	7 379	4 865	508	7 195	4 241	4 854	1 272
180 to 219 acres ..... farms..	17	31	47	6	74	35	51	18
acres harvested..	1 691	4 105	5 816	395	12 213	4 204	7 088	1 293
220 to 259 acres ..... farms..	8	26	40	5	40	23	28	15
acres harvested..	829	4 605	6 377	435	8 290	3 789	4 402	1 692
260 to 499 acres ..... farms..	41	101	90	21	209	81	99	23
acres harvested..	7 158	30 760	22 729	2 863	64 295	21 981	27 251	4 955
500 to 999 acres ..... farms..	16	91	71	4	151	50	73	18
acres harvested..	6 503	55 343	40 168	1 135	94 369	27 526	39 956	5 596
1,000 to 1,999 acres ..... farms..	7	47	37	1	82	22	33	2
acres harvested..	5 678	57 302	43 405	(D)	95 086	25 264	35 957	(D)
2,000 acres or more ..... farms..	1	20	12	1	19	14	11	–
acres harvested..	(D)	52 761	29 700	(D)	58 380	44 285	35 671	–
1992 size of farm:								
1 to 9 acres ..... farms..	22	15	9	1	25	24	15	2
acres harvested..	(D)	45	47	(D)	126	80	37	(D)
10 to 49 acres ..... farms..	92	126	170	11	109	216	145	27
acres harvested..	1 352	2 854	3 133	60	2 147	2 920	2 405	426
50 to 69 acres ..... farms..	27	62	66	7	39	61	61	8
acres harvested..	765	2 167	2 206	102	1 434	1 928	1 757	142
70 to 99 acres ..... farms..	58	111	131	23	137	77	108	17
acres harvested..	2 250	6 061	5 823	522	7 669	3 295	4 559	568
100 to 139 acres ..... farms..	39	91	102	15	118	47	151	28
acres harvested..	1 890	8 145	6 294	527	10 272	2 800	10 206	1 134
140 to 179 acres ..... farms..	35	68	63	15	109	40	69	20
acres harvested..	2 681	7 254	4 986	759	13 060	3 293	5 245	1 243
180 to 219 acres ..... farms..	22	45	58	4	92	42	56	15
acres harvested..	1 780	5 921	6 149	150	14 057	4 798	7 142	1 147
220 to 259 acres ..... farms..	12	30	44	7	54	34	46	11
acres harvested..	1 758	5 119	6 522	570	10 824	4 645	7 039	1 376
260 to 499 acres ..... farms..	32	131	117	28	259	100	131	30
acres harvested..	5 599	38 317	26 990	4 022	76 711	23 244	32 354	5 568
500 to 999 acres ..... farms..	19	104	90	7	180	59	91	18
acres harvested..	7 106	59 900	44 207	836	104 983	30 482	43 397	4 903
1,000 to 1,999 acres ..... farms..	6	56	37	1	72	19	25	2
acres harvested..	4 159	64 779	37 842	(D)	81 930	20 203	26 671	(D)
2,000 acres or more ..... farms..	2	10	4	1	18	14	14	–
acres harvested..	(D)	21 349	8 349	(D)	38 707	32 783	35 955	–
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms..	76	57	82	20	44	105	80	33
acres..	364	264	418	(D)	207	483	396	(D)
10 to 19 acres ..... farms..	59	45	114	13	49	107	72	20
acres..	771	628	1 489	170	676	1 447	947	261
20 to 29 acres ..... farms..	28	52	84	15	38	60	79	21
acres..	643	1 210	1 960	358	879	1 365	1 837	499
30 to 49 acres ..... farms..	48	74	87	9	63	81	111	29
acres..	1 902	2 765	3 343	350	2 417	3 081	4 107	1 141
50 to 99 acres ..... farms..	64	115	139	26	116	94	150	31
acres..	4 441	7 952	10 066	1 716	8 225	6 307	10 486	2 100
100 to 199 acres ..... farms..	45	114	102	16	175	86	113	30
acres..	6 269	15 732	14 861	2 077	24 982	11 779	15 680	3 928
200 to 499 acres ..... farms..	26	120	100	6	263	93	125	23
acres..	8 184	41 153	30 138	1 678	83 992	30 515	40 575	6 915
500 to 999 acres ..... farms..	7	81	61	1	135	35	52	4
acres..	4 800	54 257	42 388	(D)	94 172	23 482	36 552	2 626
1,000 acres or more ..... farms..	4	57	38	1	84	31	33	1
acres..	5 371	102 291	63 762	(D)	140 415	64 996	62 460	(D)
1992 acres harvested:								
1 to 9 acres ..... farms..	70	43	74	25	65	127	85	22
acres..	(D)	164	386	(D)	332	682	410	102
10 to 19 acres ..... farms..	47	58	111	15	49	104	73	21
acres..	650	799	1 514	202	668	1 432	1 001	257
20 to 29 acres ..... farms..	39	56	77	8	45	58	73	16
acres..	945	1 334	1 846	189	1 087	1 375	1 624	353
30 to 49 acres ..... farms..	57	97	120	16	71	88	124	28
acres..	2 183	3 610	4 760	588	2 662	3 287	4 609	1 052
50 to 99 acres ..... farms..	75	154	168	27	202	100	180	30
acres..	5 170	11 095	11 701	1 874	15 041	6 894	12 674	2 169
100 to 199 acres ..... farms..	39	145	114	20	232	94	144	38
acres..	5 224	19 686	15 901	2 738	33 079	13 347	19 936	5 563
200 to 499 acres ..... farms..	27	157	143	7	336	97	157	18
acres..	7 958	52 234	41 918	1 882	107 209	29 891	50 256	5 147
500 to 999 acres ..... farms..	11	90	61	2	146	41	48	5
acres..	7 535	61 427	41 220	(D)	101 134	26 935	32 644	3 483
1,000 acres or more ..... farms..	1	49	23	–	66	24	28	–
acres..	(D)	71 562	33 302	–	100 708	46 628	53 613	–

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Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Farms.....number, 1997..	**72**	**752**	**797**	**585**	**114**	**934**	**5**	**99**
1992..	**70**	**795**	**875**	**643**	**63**	**1 046**	**1**	**82**
acres harvested, 1997..	**7 566**	**147 697**	**119 144**	**107 349**	**9 351**	**127 476**	**50**	**8 451**
1992..	**6 624**	**130 232**	**121 763**	**103 946**	**5 923**	**119 403**	**(D)**	**5 321**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms..	–	7	29	46	2	56	–	1
acres harvested..	–	39	81	112	(D)	147	–	(D)
10 to 49 acres ..... farms..	6	132	201	178	25	280	3	15
acres harvested..	40	2 366	3 180	2 339	479	4 033	(D)	230
50 to 69 acres ..... farms..	2	31	82	46	8	90	–	6
acres harvested..	(D)	1 250	2 358	1 569	171	3 213	–	151
70 to 99 acres ..... farms..	7	98	74	60	22	113	1	13
acres harvested..	219	4 500	2 970	2 533	661	4 887	(D)	392
100 to 139 acres ..... farms..	7	99	95	46	15	81	1	10
acres harvested..	249	6 549	5 587	2 746	686	5 472	(D)	497
140 to 179 acres ..... farms..	14	69	79	39	10	63	–	14
acres harvested..	655	6 074	6 605	3 662	764	6 162	–	866
180 to 219 acres ..... farms..	3	53	50	25	7	44	–	9
acres harvested..	(D)	6 357	6 205	3 193	659	4 602	–	492
220 to 259 acres ..... farms..	4	40	29	10	6	37	–	3
acres harvested..	219	6 269	4 740	1 849	653	5 620	–	310
260 to 499 acres ..... farms..	17	110	80	46	14	91	–	20
acres harvested..	2 257	28 630	19 949	12 212	1 820	22 789	–	2 520
500 to 999 acres ..... farms..	8	77	53	56	2	45	–	6
acres harvested..	2 382	41 083	27 958	30 165	(D)	23 290	–	1 419
1,000 to 1,999 acres ..... farms..	4	29	19	27	3	28	–	2
acres harvested..	1 255	30 152	21 734	32 207	2 509	29 331	–	(D)
2,000 acres or more ..... farms..	–	7	6	6	–	6	–	–
acres harvested..	–	14 428	17 777	14 762	–	17 930	–	–
1992 size of farm:								
1 to 9 acres ..... farms..	–	4	25	66	1	64	–	–
acres harvested..	–	21	61	168	(D)	195	–	–
10 to 49 acres ..... farms..	3	111	176	175	9	263	–	8
acres harvested..	(D)	2 003	2 343	2 549	122	3 584	–	181
50 to 69 acres ..... farms..	3	27	90	44	4	107	–	3
acres harvested..	118	877	2 507	1 311	97	3 212	–	(D)
70 to 99 acres ..... farms..	5	110	102	79	10	138	1	14
acres harvested..	150	4 295	3 608	3 273	192	5 690	(D)	482
100 to 139 acres ..... farms..	4	136	115	48	8	104	–	16
acres harvested..	(D)	8 899	5 892	3 187	361	6 571	–	527
140 to 179 acres ..... farms..	15	83	79	47	5	96	–	11
acres harvested..	751	7 270	5 521	3 706	354	8 637	–	326
180 to 219 acres ..... farms..	11	57	46	28	3	41	–	6
acres harvested..	555	6 603	4 616	3 418	371	4 989	–	358
220 to 259 acres ..... farms..	3	43	48	16	6	36	–	12
acres harvested..	185	5 880	6 604	2 437	564	5 423	–	613
260 to 499 acres ..... farms..	16	125	106	53	12	117	–	7
acres harvested..	2 009	29 816	22 069	13 193	1 295	24 144	–	881
500 to 999 acres ..... farms..	5	80	61	53	3	52	–	4
acres harvested..	1 419	38 948	28 386	29 538	(D)	25 752	–	1 132
1,000 to 1,999 acres ..... farms..	5	13	16	25	2	23	–	1
acres harvested..	1 279	12 120	15 951	25 450	(D)	19 766	–	(D)
2,000 acres or more ..... farms..	–	6	11	9	–	5	–	–
acres harvested..	–	13 500	24 205	15 716	–	11 440	–	–
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms..	9	44	95	136	16	170	3	10
acres..	23	218	408	535	69	681	(D)	(D)
10 to 19 acres ..... farms..	7	69	142	74	21	136	1	16
acres..	87	927	1 951	962	278	1 845	(D)	214
20 to 29 acres ..... farms..	7	65	86	52	16	89	1	9
acres..	161	1 531	1 994	1 175	345	2 055	(D)	201
30 to 49 acres ..... farms..	13	96	95	67	18	116	–	23
acres..	468	3 634	3 578	2 538	756	4 302	–	837
50 to 99 acres ..... farms..	8	151	117	76	17	159	–	14
acres..	569	10 725	8 263	5 178	1 098	10 736	–	956
100 to 199 acres ..... farms..	14	120	111	56	20	112	–	17
acres..	2 014	16 642	15 274	8 097	3 019	15 235	–	2 151
200 to 499 acres ..... farms..	14	125	100	50	3	98	–	8
acres..	4 244	39 611	29 836	15 215	1 247	30 662	–	2 383
500 to 999 acres ..... farms..	–	60	31	46	2	32	–	1
acres..	–	40 773	21 256	31 115	(D)	23 789	–	(D)
1,000 acres or more ..... farms..	–	22	20	28	1	22	–	1
acres..	–	33 636	36 584	42 534	(D)	38 171	–	(D)
1992 acres harvested:								
1 to 9 acres ..... farms..	3	40	114	144	8	183	–	7
acres..	9	213	520	520	(D)	749	–	37
10 to 19 acres ..... farms..	6	83	128	81	5	142	–	12
acres..	75	1 126	1 737	1 122	70	1 887	–	156
20 to 29 acres ..... farms..	4	74	95	60	10	118	1	15
acres..	88	1 719	2 173	1 385	237	2 760	(D)	346
30 to 49 acres ..... farms..	17	90	137	74	11	125	–	24
acres..	654	3 448	5 160	2 744	404	4 635	–	910
50 to 99 acres ..... farms..	17	163	136	95	13	179	–	12
acres..	1 115	11 451	9 655	6 398	840	12 416	–	748
100 to 199 acres ..... farms..	13	153	115	65	10	153	–	7
acres..	1 869	20 525	16 232	9 165	1 441	21 385	–	971
200 to 499 acres ..... farms..	10	132	99	54	4	96	–	3
acres..	2 814	40 588	30 548	17 456	1 168	29 299	–	(D)
500 to 999 acres ..... farms..	–	51	33	51	2	36	–	2
acres..	–	34 394	22 411	36 188	(D)	24 145	–	(D)
1,000 acres or more ..... farms..	–	9	18	19	–	14	–	–
acres..	–	16 768	33 327	28 968	–	22 127	–	–

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Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Farms.....number, 1997..	**835**	**340**	**991**	**483**	**30**	**63**	**446**	**258**
1992..	**970**	**351**	**1 119**	**561**	**28**	**63**	**507**	**233**
acres harvested, 1997..	**119 906**	**28 007**	**275 112**	**64 554**	**3 972**	**8 718**	**50 551**	**18 866**
1992..	**122 007**	**29 666**	**276 557**	**71 876**	**3 224**	**10 512**	**52 420**	**16 151**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms..	24	17	26	31	2	2	63	7
acres harvested..	53	(D)	89	(D)	(D)	(D)	(D)	(D)
10 to 49 acres ..... farms..	222	64	209	167	6	5	138	42
acres harvested..	3 175	828	3 564	1 938	43	68	1 815	627
50 to 69 acres ..... farms..	65	27	75	31	1	1	36	20
acres harvested..	1 921	579	2 954	1 058	(D)	(D)	1 301	412
70 to 99 acres ..... farms..	122	47	89	48	2	7	55	48
acres harvested..	5 028	1 526	5 265	2 389	(D)	231	2 761	1 276
100 to 139 acres ..... farms..	99	44	112	39	3	5	28	43
acres harvested..	6 189	2 094	9 646	2 527	4	190	2 190	1 836
140 to 179 acres ..... farms..	76	46	74	44	–	10	23	20
acres harvested..	7 102	3 163	8 231	3 804	–	517	2 755	853
180 to 219 acres ..... farms..	43	26	48	19	1	7	12	16
acres harvested..	5 071	2 596	7 060	1 980	(D)	611	1 675	1 229
220 to 259 acres ..... farms..	31	16	42	14	1	3	16	8
acres harvested..	4 624	1 929	8 422	1 593	(D)	248	2 878	748
260 to 499 acres ..... farms..	73	35	122	47	7	12	46	35
acres harvested..	16 338	5 894	38 219	10 907	1 362	2 270	13 380	4 803
500 to 999 acres ..... farms..	49	12	113	27	4	7	22	18
acres harvested..	26 969	4 479	73 198	14 256	861	2 166	11 368	6 254
1,000 to 1,999 acres ..... farms..	26	4	68	15	2	3	6	1
acres harvested..	30 630	2 236	83 354	16 704	(D)	1 945	7 805	(D)
2,000 acres or more ..... farms..	5	2	13	1	1	1	1	–
acres harvested..	12 806	(D)	35 110	(D)	(D)	(D)	(D)	–
1992 size of farm:								
1 to 9 acres ..... farms..	26	9	33	29	2	1	47	5
acres harvested..	95	(D)	132	88	(D)	(D)	(D)	7
10 to 49 acres ..... farms..	269	57	208	162	4	2	186	40
acres harvested..	3 889	714	3 622	1 978	13	(D)	2 657	495
50 to 69 acres ..... farms..	79	32	87	38	2	3	44	13
acres harvested..	2 176	708	4 120	998	(D)	19	1 380	184
70 to 99 acres ..... farms..	150	44	112	63	–	6	50	29
acres harvested..	5 844	1 364	5 862	2 155	–	137	2 731	804
100 to 139 acres ..... farms..	106	50	119	48	5	1	45	36
acres harvested..	5 971	2 659	10 749	2 717	97	(D)	3 414	1 289
140 to 179 acres ..... farms..	69	49	87	48	–	11	35	20
acres harvested..	5 624	3 329	9 341	3 843	–	678	3 337	1 046
180 to 219 acres ..... farms..	55	32	62	39	–	6	24	21
acres harvested..	5 855	2 853	8 824	3 965	–	430	3 206	990
220 to 259 acres ..... farms..	28	16	57	27	1	2	9	9
acres harvested..	3 921	1 771	11 238	2 653	(D)	(D)	1 574	722
260 to 499 acres ..... farms..	94	41	142	50	7	18	38	42
acres harvested..	22 423	6 859	41 478	10 068	978	3 371	11 383	4 763
500 to 999 acres ..... farms..	69	15	137	38	5	10	21	15
acres harvested..	33 750	5 129	84 724	19 431	1 142	3 610	11 873	3 926
1,000 to 1,999 acres ..... farms..	20	5	65	16	2	2	6	3
acres harvested..	22 998	3 367	74 491	14 571	(D)	(D)	6 909	1 925
2,000 acres or more ..... farms..	5	1	10	3	–	1	2	–
acres harvested..	9 461	(D)	21 976	9 409	–	(D)	(D)	–
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms..	119	60	105	113	9	6	129	41
acres..	492	228	462	499	23	(D)	488	171
10 to 19 acres ..... farms..	107	46	93	75	3	6	55	34
acres..	1 407	615	1 309	940	30	73	727	461
20 to 29 acres ..... farms..	98	22	48	43	1	3	40	40
acres..	2 267	538	1 116	983	(D)	69	906	945
30 to 49 acres ..... farms..	116	61	92	42	1	9	38	56
acres..	4 382	2 258	3 501	1 536	(D)	339	1 475	2 090
50 to 99 acres ..... farms..	139	73	169	84	4	12	60	41
acres..	9 785	5 229	12 165	5 858	336	813	4 109	2 636
100 to 199 acres ..... farms..	128	50	141	50	5	12	49	23
acres..	16 874	6 803	19 461	6 714	649	1 535	6 738	3 326
200 to 499 acres ..... farms..	68	22	164	44	5	13	57	17
acres..	20 902	6 516	51 969	13 881	1 778	4 301	18 787	5 361
500 to 999 acres ..... farms..	37	3	109	21	2	2	12	6
acres..	25 820	2 119	76 369	14 304	(D)	(D)	8 040	3 876
1,000 acres or more ..... farms..	23	3	70	11	–	–	6	–
acres..	37 977	3 701	108 760	19 839	–	–	9 281	–
1992 acres harvested:								
1 to 9 acres ..... farms..	145	47	111	120	10	8	129	43
acres..	709	(D)	579	585	33	(D)	451	194
10 to 19 acres ..... farms..	162	44	81	83	1	5	70	37
acres..	2 219	607	1 085	1 128	(D)	59	982	519
20 to 29 acres ..... farms..	102	36	63	53	–	2	44	23
acres..	2 395	865	1 494	1 249	–	(D)	1 049	519
30 to 49 acres ..... farms..	133	50	103	75	2	5	60	40
acres..	5 062	1 874	3 943	2 697	(D)	187	2 203	1 482
50 to 99 acres ..... farms..	162	91	202	82	4	8	87	43
acres..	11 338	6 560	14 321	5 742	299	493	6 303	2 836
100 to 199 acres ..... farms..	110	54	187	56	4	13	48	31
acres..	14 998	7 565	26 384	7 186	614	1 782	6 638	4 266
200 to 499 acres ..... farms..	101	22	185	52	6	19	48	12
acres..	32 130	6 243	57 864	15 079	1 662	5 631	15 597	3 782
500 to 999 acres ..... farms..	36	5	128	29	1	3	14	4
acres..	24 909	3 633	88 296	19 564	(D)	2 283	9 145	2 553
1,000 acres or more ..... farms..	19	2	59	11	–	–	7	–
acres..	28 247	(D)	82 591	18 646	–	–	10 052	–

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Farms.....number, 1997..	**76**	**365**	**488**	**312**	**335**	**299**	**926**	**786**
1992..	**68**	**357**	**512**	**283**	**372**	**254**	**1 025**	**800**
acres harvested, 1997..	**7 616**	**44 358**	**57 535**	**49 565**	**54 793**	**54 266**	**188 144**	**159 105**
1992..	**6 251**	**39 587**	**59 412**	**46 486**	**62 069**	**50 076**	**189 620**	**140 805**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms..	3	11	2	1	8	2	62	13
acres harvested..	10	(D)	(D)	(D)	14	(D)	199	39
10 to 49 acres ..... farms..	15	80	59	32	76	44	284	151
acres harvested..	174	1 261	902	421	1 228	647	5 138	2 521
50 to 69 acres ..... farms..	4	21	32	8	25	9	73	62
acres harvested..	53	726	821	(D)	793	(D)	3 212	1 605
70 to 99 acres ..... farms..	9	53	95	31	62	37	92	125
acres harvested..	300	1 771	3 244	851	2 476	1 267	6 015	5 246
100 to 139 acres ..... farms..	7	43	66	27	30	29	72	76
acres harvested..	285	2 326	3 365	998	1 837	1 384	7 021	3 638
140 to 179 acres ..... farms..	8	33	56	26	30	21	57	65
acres harvested..	348	2 622	3 835	1 606	2 732	999	8 076	4 893
180 to 219 acres ..... farms..	5	25	34	30	21	21	40	44
acres harvested..	270	2 394	2 928	2 124	2 903	2 220	7 221	4 261
220 to 259 acres ..... farms..	3	22	29	19	10	18	27	35
acres harvested..	(D)	3 402	3 875	1 848	1 948	2 593	4 642	4 876
260 to 499 acres ..... farms..	11	43	68	73	33	58	100	96
acres harvested..	1 252	9 382	12 191	11 486	9 636	11 773	32 548	22 529
500 to 999 acres ..... farms..	5	25	41	45	30	50	77	73
acres harvested..	850	10 729	18 801	15 850	15 279	25 736	50 826	39 225
1,000 to 1,999 acres ..... farms..	5	8	4	19	7	10	36	35
acres harvested..	2 588	7 747	2 902	12 402	8 132	7 353	48 854	40 715
2,000 acres or more ..... farms..	1	1	2	1	3	–	6	11
acres harvested..	(D)	(D)	(D)	(D)	7 815	–	14 392	29 557
1992 size of farm:								
1 to 9 acres ..... farms..	2	6	2	4	16	2	60	8
acres harvested..	(D)	(D)	(D)	4	44	(D)	192	21
10 to 49 acres ..... farms..	9	77	56	21	86	22	308	129
acres harvested..	50	1 110	889	246	1 690	294	5 685	2 086
50 to 69 acres ..... farms..	2	18	17	7	26	9	90	70
acres harvested..	(D)	488	(D)	200	876	(D)	4 057	2 146
70 to 99 acres ..... farms..	6	53	80	26	67	27	89	101
acres harvested..	151	1 849	2 876	960	3 532	1 192	5 987	3 461
100 to 139 acres ..... farms..	9	47	75	23	42	21	99	93
acres harvested..	252	2 417	3 419	899	2 671	1 133	9 176	4 890
140 to 179 acres ..... farms..	8	31	69	22	34	21	59	71
acres harvested..	518	2 370	4 680	1 326	3 090	1 310	7 821	4 987
180 to 219 acres ..... farms..	6	24	45	25	17	14	49	41
acres harvested..	225	2 182	3 759	1 908	1 876	1 106	7 932	3 299
220 to 259 acres ..... farms..	–	24	38	11	13	12	39	38
acres harvested..	–	3 267	3 790	783	2 105	1 473	7 794	4 979
260 to 499 acres ..... farms..	15	44	78	72	24	74	120	120
acres harvested..	1 848	8 610	13 710	11 424	5 714	15 508	38 115	26 851
500 to 999 acres ..... farms..	6	24	43	53	32	39	74	92
acres harvested..	1 392	8 887	18 783	16 914	14 742	18 425	46 214	42 856
1,000 to 1,999 acres ..... farms..	4	8	9	19	9	13	33	30
acres harvested..	997	6 865	7 134	11 822	8 570	9 375	42 548	30 938
2,000 acres or more ..... farms..	1	1	–	–	6	–	5	7
acres harvested..	(D)	(D)	–	–	17 159	–	14 099	14 291
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms..	14	39	48	32	48	30	143	67
acres..	54	142	(D)	145	191	(D)	621	339
10 to 19 acres ..... farms..	13	50	54	28	41	34	106	102
acres..	155	645	771	364	549	438	1 422	1 372
20 to 29 acres ..... farms..	13	48	53	30	31	22	52	90
acres..	295	1 090	1 210	698	713	484	1 208	2 041
30 to 49 acres ..... farms..	5	53	75	38	45	37	109	128
acres..	182	1 948	2 854	1 384	1 661	1 396	4 120	4 832
50 to 99 acres ..... farms..	14	61	107	53	58	37	145	132
acres..	964	4 217	7 495	3 757	4 014	2 479	10 171	9 090
100 to 199 acres ..... farms..	7	49	73	45	39	43	129	77
acres..	952	6 887	9 635	6 244	5 605	6 218	18 475	11 041
200 to 499 acres ..... farms..	7	46	58	62	46	62	130	110
acres..	2 344	12 945	17 609	18 592	14 114	19 167	40 967	35 736
500 to 999 acres ..... farms..	2	16	18	21	18	33	72	46
acres..	(D)	12 034	13 018	14 291	12 009	22 440	49 846	33 302
1,000 acres or more ..... farms..	1	3	2	3	9	1	40	34
acres..	(D)	4 450	(D)	4 090	15 937	(D)	61 314	61 352
1992 acres harvested:								
1 to 9 acres ..... farms..	14	41	39	17	47	20	155	65
acres..	(D)	174	(D)	75	223	(D)	677	297
10 to 19 acres ..... farms..	10	58	64	24	45	20	97	89
acres..	129	815	852	328	629	255	1 338	1 217
20 to 29 acres ..... farms..	7	38	40	21	33	21	63	94
acres..	169	856	954	477	735	483	1 476	2 136
30 to 49 acres ..... farms..	6	52	84	34	63	21	122	113
acres..	229	1 939	3 231	1 265	2 330	811	4 442	4 164
50 to 99 acres ..... farms..	15	51	123	58	68	37	169	138
acres..	917	3 467	8 420	4 030	4 980	2 528	11 909	9 219
100 to 199 acres ..... farms..	5	61	83	43	50	46	160	98
acres..	799	8 091	11 414	6 000	6 892	6 875	22 141	13 576
200 to 499 acres ..... farms..	9	42	51	65	35	61	158	125
acres..	2 582	12 635	15 531	19 329	10 721	19 328	49 349	39 610
500 to 999 acres ..... farms..	2	11	26	18	23	27	66	60
acres..	(D)	7 906	16 289	11 577	15 372	18 194	44 343	42 173
1,000 acres or more ..... farms..	–	3	2	3	8	1	35	18
acres..	–	3 704	(D)	3 405	20 187	(D)	53 945	28 413

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Farms.....number, 1997..	**82**	**333**	**579**	**333**	**523**	**230**	**86**	**423**
1992..	**96**	**354**	**590**	**344**	**549**	**236**	**91**	**415**
acres harvested, 1997..	**9 864**	**46 071**	**70 695**	**24 121**	**67 165**	**40 469**	**11 387**	**51 420**
1992..	**8 654**	**43 768**	**62 072**	**25 837**	**62 665**	**40 209**	**10 842**	**48 874**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms..	–	21	12	52	7	2	–	1
acres harvested..	–	46	39	(D)	25	(D)	–	(D)
10 to 49 acres ..... farms..	6	104	117	138	125	20	3	52
acres harvested..	96	1 540	1 726	1 653	2 248	303	66	842
50 to 69 acres ..... farms..	11	37	44	16	43	15	2	31
acres harvested..	373	1 181	1 139	478	948	385	(D)	797
70 to 99 acres ..... farms..	14	35	75	30	68	34	4	59
acres harvested..	578	1 307	2 773	1 067	2 469	1 366	58	2 386
100 to 139 acres ..... farms..	7	33	81	24	51	28	9	59
acres harvested..	359	2 234	4 729	1 320	2 426	1 262	380	2 988
140 to 179 acres ..... farms..	7	22	50	16	38	21	8	44
acres harvested..	366	1 631	3 799	1 425	2 961	1 836	423	2 754
180 to 219 acres ..... farms..	9	12	44	10	39	15	8	32
acres harvested..	850	1 329	4 511	1 331	3 392	1 400	455	3 843
220 to 259 acres ..... farms..	2	7	30	8	21	13	9	24
acres harvested..	(D)	975	3 750	1 397	2 749	1 639	542	2 109
260 to 499 acres ..... farms..	13	33	69	27	69	47	24	79
acres harvested..	1 786	8 225	15 237	5 630	14 444	10 796	2 433	13 694
500 to 999 acres ..... farms..	12	21	46	6	43	30	16	29
acres harvested..	3 891	10 798	23 070	2 892	17 362	15 046	4 969	13 685
1,000 to 1,999 acres ..... farms..	1	4	11	5	16	4	2	11
acres harvested..	(D)	4 078	9 922	4 929	13 509	3 052	(D)	6 306
2,000 acres or more ..... farms..	–	4	–	1	3	1	1	2
acres harvested..	–	12 727	–	(D)	4 632	(D)	(D)	(D)
1992 size of farm:								
1 to 9 acres ..... farms..	–	28	6	65	12	2	1	3
acres harvested..	–	78	12	(D)	38	(D)	(D)	4
10 to 49 acres ..... farms..	18	86	112	131	114	31	2	47
acres harvested..	245	1 156	1 563	1 616	1 618	522	(D)	810
50 to 69 acres ..... farms..	4	35	34	23	39	6	2	15
acres harvested..	103	892	805	545	888	84	(D)	421
70 to 99 acres ..... farms..	14	54	85	28	81	29	6	53
acres harvested..	457	2 121	2 609	848	2 660	1 136	129	1 980
100 to 139 acres ..... farms..	11	39	75	17	57	24	9	61
acres harvested..	536	2 383	3 715	998	2 902	1 187	380	2 844
140 to 179 acres ..... farms..	9	27	62	20	48	27	8	45
acres harvested..	745	2 021	4 427	2 085	3 492	1 836	427	2 204
180 to 219 acres ..... farms..	14	14	56	13	38	17	5	30
acres harvested..	1 104	1 172	5 479	1 066	3 170	1 668	400	2 553
220 to 259 acres ..... farms..	1	8	35	5	17	19	7	26
acres harvested..	(D)	1 008	4 158	247	2 194	1 682	308	2 064
260 to 499 acres ..... farms..	18	34	83	25	80	38	38	88
acres harvested..	2 933	6 828	15 899	4 841	13 326	8 383	5 075	14 019
500 to 999 acres ..... farms..	5	22	35	12	43	35	8	38
acres harvested..	1 931	11 411	16 669	6 571	16 727	13 732	1 428	16 802
1,000 to 1,999 acres ..... farms..	1	4	7	3	14	6	4	9
acres harvested..	(D)	4 285	6 736	3 854	9 364	5 498	2 176	5 173
2,000 acres or more ..... farms..	1	3	–	2	6	2	1	–
acres harvested..	(D)	10 413	–	(D)	6 286	(D)	(D)	–
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms..	4	68	64	127	64	16	3	32
acres..	18	267	298	430	331	(D)	15	(D)
10 to 19 acres ..... farms..	7	53	83	37	72	22	4	41
acres..	98	754	1 101	467	976	282	58	561
20 to 29 acres ..... farms..	9	29	55	40	55	11	15	35
acres..	200	666	1 302	890	1 258	256	353	807
30 to 49 acres ..... farms..	14	47	81	41	89	33	9	74
acres..	504	1 765	3 067	1 468	3 400	1 301	336	2 788
50 to 99 acres ..... farms..	20	52	112	34	77	51	22	96
acres..	1 312	3 629	7 830	2 374	5 121	3 319	1 511	6 508
100 to 199 acres ..... farms..	11	33	88	25	72	35	15	66
acres..	1 430	4 401	11 756	3 712	9 997	5 050	1 809	8 812
200 to 499 acres ..... farms..	14	31	64	21	66	40	15	57
acres..	4 115	9 476	20 686	5 982	21 242	12 704	4 873	16 448
500 to 999 acres ..... farms..	2	13	27	3	20	20	2	21
acres..	(D)	9 188	18 942	2 029	14 386	12 997	(D)	13 850
1,000 acres or more ..... farms..	1	7	5	5	8	2	1	1
acres..	(D)	15 925	5 713	6 769	10 454	(D)	(D)	(D)
1992 acres harvested:								
1 to 9 acres ..... farms..	6	67	76	140	73	20	3	25
acres..	(D)	267	(D)	474	360	(D)	5	(D)
10 to 19 acres ..... farms..	19	65	81	47	78	14	5	44
acres..	266	891	1 063	602	1 003	161	72	624
20 to 29 acres ..... farms..	7	25	58	37	70	21	10	35
acres..	157	570	1 372	830	1 623	466	217	812
30 to 49 acres ..... farms..	12	53	85	43	74	33	14	85
acres..	464	1 967	3 098	1 633	2 818	1 214	518	3 245
50 to 99 acres ..... farms..	26	60	114	23	91	54	21	80
acres..	1 783	4 011	7 936	1 683	6 141	3 644	1 312	5 149
100 to 199 acres ..... farms..	15	36	94	22	83	35	21	76
acres..	2 112	4 902	13 073	3 033	11 861	4 995	2 720	10 146
200 to 499 acres ..... farms..	9	29	61	21	52	38	13	44
acres..	2 662	9 216	19 469	6 484	15 920	12 064	3 497	12 502
500 to 999 acres ..... farms..	2	14	19	8	22	19	4	25
acres..	(D)	8 756	12 923	5 464	15 003	12 684	2 501	15 217
1,000 acres or more ..... farms..	–	5	2	3	6	2	–	1
acres..	–	13 188	(D)	5 634	7 936	(D)	–	(D)

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Farms.....number, 1997..	**66**	**113**	**1 096**	**265**	**27**	**1 036**	**809**	**664**
1992..	**66**	**111**	**1 220**	**256**	**26**	**1 231**	**883**	**744**
acres harvested, 1997..	**5 110**	**12 215**	**119 789**	**38 626**	**1 880**	**257 817**	**118 551**	**170 772**
1992..	**5 505**	**11 638**	**112 242**	**33 261**	**1 790**	**273 755**	**126 028**	**175 391**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms..	2	–	94	–	2	43	26	19
acres harvested..	(D)	–	221	–	(D)	149	81	60
10 to 49 acres ..... farms..	8	10	381	25	6	206	207	127
acres harvested..	136	161	5 382	391	110	3 894	3 041	2 162
50 to 69 acres ..... farms..	5	5	111	15	3	79	71	43
acres harvested..	113	(D)	3 330	(D)	107	3 478	2 249	1 452
70 to 99 acres ..... farms..	5	13	114	22	4	119	121	90
acres harvested..	172	506	5 766	504	110	7 251	5 428	4 513
100 to 139 acres ..... farms..	16	17	98	31	–	111	86	72
acres harvested..	692	792	6 992	1 368	–	9 344	5 914	4 712
140 to 179 acres ..... farms..	6	16	62	30	7	85	54	64
acres harvested..	427	888	6 660	1 536	521	10 060	4 923	6 628
180 to 219 acres ..... farms..	4	11	57	24	3	63	47	35
acres harvested..	245	882	8 642	1 723	270	9 739	5 238	4 734
220 to 259 acres ..... farms..	8	3	30	22	1	43	40	25
acres harvested..	813	345	5 165	1 763	(D)	8 882	6 185	3 787
260 to 499 acres ..... farms..	8	22	80	58	–	127	94	66
acres harvested..	1 463	2 649	22 128	7 384	–	37 940	25 447	18 815
500 to 999 acres ..... farms..	3	11	48	22	–	91	41	73
acres harvested..	(D)	2 966	28 105	7 482	–	61 879	24 526	43 248
1,000 to 1,999 acres ..... farms..	1	4	17	15	1	57	17	35
acres harvested..	(D)	2 444	18 459	14 166	(D)	73 800	19 069	41 396
2,000 acres or more ..... farms..	–	1	4	1	–	12	5	15
acres harvested..	–	(D)	8 939	(D)	–	31 401	16 450	39 265
1992 size of farm:								
1 to 9 acres ..... farms..	–	–	88	1	1	48	21	14
acres harvested..	–	–	220	(D)	(D)	154	68	26
10 to 49 acres ..... farms..	4	5	393	18	7	249	234	134
acres harvested..	(D)	(D)	5 623	212	102	5 104	3 526	2 306
50 to 69 acres ..... farms..	5	2	120	9	4	77	74	56
acres harvested..	114	(D)	3 778	(D)	154	3 228	2 636	1 847
70 to 99 acres ..... farms..	6	7	156	25	2	173	119	75
acres harvested..	164	237	6 980	978	(D)	10 584	4 684	3 558
100 to 139 acres ..... farms..	15	18	120	20	2	132	101	79
acres harvested..	727	705	8 575	872	(D)	11 821	6 098	5 677
140 to 179 acres ..... farms..	16	17	73	30	2	87	65	59
acres harvested..	1 140	905	7 065	1 600	(D)	9 799	6 227	5 771
180 to 219 acres ..... farms..	2	7	61	26	5	57	46	44
acres harvested..	(D)	287	8 818	1 588	478	8 852	4 904	5 538
220 to 259 acres ..... farms..	3	8	47	14	1	81	33	42
acres harvested..	154	551	7 387	840	(D)	15 365	5 178	5 794
260 to 499 acres ..... farms..	10	31	102	65	1	161	111	106
acres harvested..	1 655	3 758	25 990	8 108	(D)	49 099	27 958	27 580
500 to 999 acres ..... farms..	5	12	48	42	1	102	59	92
acres harvested..	1 340	2 869	25 593	14 287	(D)	66 618	33 109	50 331
1,000 to 1,999 acres ..... farms..	–	4	8	6	–	55	12	35
acres harvested..	–	2 135	4 964	4 566	–	69 365	11 839	39 038
2,000 acres or more ..... farms..	–	–	4	–	–	9	8	8
acres harvested..	–	–	7 249	–	–	23 766	19 801	27 925
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms..	7	12	265	19	3	108	108	67
acres..	(D)	27	952	98	(D)	459	457	343
10 to 19 acres ..... farms..	5	5	153	28	4	82	113	72
acres..	72	71	2 068	366	57	1 132	1 454	976
20 to 29 acres ..... farms..	11	12	118	28	4	51	69	41
acres..	250	261	2 692	674	84	1 181	1 592	951
30 to 49 acres ..... farms..	10	20	120	48	6	113	102	77
acres..	344	775	4 442	1 816	221	4 243	3 787	3 009
50 to 99 acres ..... farms..	20	30	158	59	5	193	156	132
acres..	1 382	2 176	11 016	4 146	(D)	13 586	10 589	9 609
100 to 199 acres ..... farms..	6	18	133	39	4	177	111	90
acres..	769	2 490	19 243	5 374	(D)	25 170	15 320	12 789
200 to 499 acres ..... farms..	6	12	94	25	–	165	95	83
acres..	1 612	3 509	29 255	8 295	–	50 694	28 563	27 310
500 to 999 acres ..... farms..	1	4	42	11	1	83	39	62
acres..	(D)	2 906	28 950	7 672	(D)	60 522	26 796	43 346
1,000 acres or more ..... farms..	–	–	13	8	–	64	16	40
acres..	–	–	21 171	10 185	–	100 830	29 993	72 439
1992 acres harvested:								
1 to 9 acres ..... farms..	2	3	274	19	2	101	105	58
acres..	(D)	15	1 052	(D)	(D)	400	464	255
10 to 19 acres ..... farms..	5	8	184	16	5	110	137	66
acres..	(D)	109	2 516	211	66	1 456	1 799	932
20 to 29 acres ..... farms..	9	10	99	18	3	56	98	61
acres..	208	202	2 292	433	81	1 352	2 309	1 448
30 to 49 acres ..... farms..	14	28	153	46	6	143	112	79
acres..	540	1 087	5 834	1 700	226	5 490	4 231	2 909
50 to 99 acres ..... farms..	21	26	203	72	3	249	145	141
acres..	1 595	1 775	13 865	5 107	182	17 790	9 703	9 985
100 to 199 acres ..... farms..	8	23	160	35	6	209	122	118
acres..	979	3 043	22 440	4 768	832	29 532	16 763	16 294
200 to 499 acres ..... farms..	7	10	107	37	1	215	105	121
acres..	2 115	2 902	32 748	11 201	(D)	65 798	32 296	39 871
500 to 999 acres ..... farms..	–	2	35	11	–	94	44	65
acres..	–	(D)	22 104	7 463	–	66 588	30 733	42 718
1,000 acres or more ..... farms..	–	1	5	2	–	54	15	35
acres..	–	(D)	9 391	(D)	–	85 349	27 730	60 979

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Farms.....number, 1997..	**1 182**	**38**	**800**	**948**	**936**	**826**	**209**	**214**
1992..	**1 286**	**40**	**1 005**	**1 008**	**1 064**	**904**	**243**	**144**
acres harvested, 1997..	**334 433**	**5 037**	**170 733**	**267 218**	**111 235**	**134 302**	**22 740**	**21 581**
1992..	**334 227**	**4 286**	**178 147**	**262 996**	**117 357**	**126 536**	**15 517**	**12 688**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms..	13	–	19	17	43	29	55	1
acres harvested..	57	–	76	54	122	109	(D)	(D)
10 to 49 acres ..... farms..	173	6	179	161	289	223	69	37
acres harvested..	3 193	55	3 247	2 585	3 587	3 085	656	696
50 to 69 acres ..... farms..	61	–	51	67	102	65	17	13
acres harvested..	1 978	–	1 559	2 282	2 558	2 208	543	384
70 to 99 acres ..... farms..	113	4	95	113	110	95	10	39
acres harvested..	5 430	245	4 787	5 192	3 141	4 494	506	1 203
100 to 139 acres ..... farms..	115	7	86	105	103	83	8	36
acres harvested..	8 497	259	7 305	7 820	5 852	5 299	550	1 723
140 to 179 acres ..... farms..	119	1	58	71	74	71	16	23
acres harvested..	12 471	(D)	6 340	7 135	5 958	6 775	1 923	1 431
180 to 219 acres ..... farms..	86	2	48	58	46	37	5	14
acres harvested..	12 397	(D)	7 406	8 276	4 145	5 328	503	1 540
220 to 259 acres ..... farms..	62	2	35	38	29	30	3	17
acres harvested..	10 151	(D)	6 622	6 893	4 040	4 945	(D)	1 771
260 to 499 acres ..... farms..	207	6	111	127	76	102	9	20
acres harvested..	57 686	645	31 257	37 798	16 572	29 306	2 746	3 042
500 to 999 acres ..... farms..	148	5	83	116	44	62	7	11
acres harvested..	88 308	1 859	49 851	67 344	24 468	34 992	3 917	5 594
1,000 to 1,999 acres ..... farms..	61	4	26	54	15	25	6	2
acres harvested..	71 233	1 594	30 462	67 526	17 433	30 553	5 044	(D)
2,000 acres or more ..... farms..	24	1	9	21	5	4	4	1
acres harvested..	63 032	(D)	21 821	54 313	23 359	7 208	6 091	(D)
1992 size of farm:								
1 to 9 acres ..... farms..	6	1	17	14	34	23	50	1
acres harvested..	17	(D)	76	43	103	(D)	131	(D)
10 to 49 acres ..... farms..	166	6	195	158	338	248	111	18
acres harvested..	3 298	69	3 733	3 078	3 927	3 378	1 479	218
50 to 69 acres ..... farms..	57	1	83	78	98	75	22	9
acres harvested..	1 927	(D)	3 047	2 905	2 102	2 363	736	211
70 to 99 acres ..... farms..	134	1	126	147	124	96	18	29
acres harvested..	6 506	(D)	6 349	6 912	3 967	3 948	1 034	1 038
100 to 139 acres ..... farms..	123	4	120	88	129	105	13	18
acres harvested..	7 909	78	9 390	6 398	6 322	6 359	943	661
140 to 179 acres ..... farms..	145	4	89	80	80	69	4	15
acres harvested..	14 037	182	8 627	8 891	5 827	6 283	532	679
180 to 219 acres ..... farms..	77	3	81	52	64	40	3	15
acres harvested..	9 003	217	12 020	7 957	6 631	4 860	450	1 262
220 to 259 acres ..... farms..	73	5	41	46	32	40	7	9
acres harvested..	11 837	448	6 850	8 774	3 932	6 184	1 172	1 002
260 to 499 acres ..... farms..	259	4	130	165	100	109	8	18
acres harvested..	67 176	314	34 781	46 749	21 408	28 712	1 855	2 553
500 to 999 acres ..... farms..	157	9	84	107	43	74	4	10
acres harvested..	85 514	1 908	45 506	62 002	20 327	37 604	1 893	4 036
1,000 to 1,999 acres ..... farms..	71	2	33	59	14	24	2	2
acres harvested..	75 468	(D)	35 084	73 048	11 585	24 357	(D)	(D)
2,000 acres or more ..... farms..	18	–	6	14	8	1	1	–
acres harvested..	51 535	–	12 684	36 239	31 226	(D)	(D)	–
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms..	63	4	82	89	222	139	103	28
acres..	344	18	418	409	970	608	321	(D)
10 to 19 acres ..... farms..	84	2	69	85	166	93	23	22
acres..	1 128	(D)	938	1 169	2 250	1 227	312	309
20 to 29 acres ..... farms..	86	2	60	66	91	65	8	29
acres..	1 994	(D)	1 391	1 529	2 087	1 484	175	667
30 to 49 acres ..... farms..	123	9	95	110	125	101	18	37
acres..	4 522	326	3 495	4 133	4 695	3 759	716	1 376
50 to 99 acres ..... farms..	173	8	118	139	113	127	16	44
acres..	12 477	523	8 623	10 073	7 901	9 171	1 228	3 048
100 to 199 acres ..... farms..	222	4	144	131	104	111	16	31
acres..	32 101	577	20 457	18 188	13 806	15 379	2 320	4 056
200 to 499 acres ..... farms..	241	6	135	172	63	121	14	14
acres..	75 548	1 818	42 411	54 652	18 890	38 929	4 931	3 773
500 to 999 acres ..... farms..	120	3	69	90	37	46	6	7
acres..	84 492	1 703	46 684	63 349	23 453	31 049	4 562	4 321
1,000 acres or more ..... farms..	70	–	28	66	15	23	5	2
acres..	121 827	–	46 316	113 716	37 183	32 696	8 175	(D)
1992 acres harvested:								
1 to 9 acres ..... farms..	51	4	80	60	250	151	101	14
acres..	249	9	437	283	1 066	767	326	52
10 to 19 acres ..... farms..	103	3	89	86	204	112	40	25
acres..	1 416	(D)	1 214	1 158	2 802	1 442	529	326
20 to 29 acres ..... farms..	83	7	68	86	116	80	17	16
acres..	1 960	160	1 630	2 033	2 732	1 872	411	377
30 to 49 acres ..... farms..	114	3	134	108	114	105	35	24
acres..	4 204	106	4 945	4 052	4 298	3 814	1 302	860
50 to 99 acres ..... farms..	232	8	197	158	143	149	22	27
acres..	16 742	540	13 806	10 867	9 811	10 065	1 517	1 801
100 to 199 acres ..... farms..	235	9	184	164	109	124	10	20
acres..	33 128	1 059	25 785	23 621	15 166	17 327	1 364	2 619
200 to 499 acres ..... farms..	288	4	162	195	87	122	12	15
acres..	87 830	1 220	49 509	62 009	25 810	40 553	3 147	4 291
500 to 999 acres ..... farms..	121	2	64	87	31	46	3	2
acres..	85 326	(D)	42 776	57 529	22 062	31 590	1 629	(D)
1,000 acres or more ..... farms..	59	–	27	64	10	15	3	1
acres..	103 372	–	38 045	101 444	33 610	19 106	5 292	(D)

USDA, National Agricultural Statistics Service

Table 8. **Irrigation: 1997 and 1992**

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

Farms with irrigation	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Farms ..... number, 1997..	3 752	4	5	185	13	38	10
1992..	3 823	3	9	185	17	36	12
Land in irrigated farms ..... acres, 1997..	1 285 574	830	1 072	43 658	3 485	14 766	3 582
1992..	1 218 481	210	1 599	42 513	3 628	10 330	4 538
Harvested cropland ..... farms, 1997..	3 705	4	5	183	13	38	10
1992..	3 798	3	9	184	17	35	12
acres, 1997..	989 842	(D)	(D)	35 313	1 729	6 531	2 861
1992..	867 833	(D)	(D)	32 130	1 596	5 747	3 361
Other cropland, excluding cropland pastured ..... farms, 1997..	1 545	1	4	83	9	22	5
1992..	2 255	2	9	87	12	23	6
acres, 1997..	67 740	(D)	117	2 637	645	2 160	163
1992..	131 072	(D)	301	3 801	303	1 488	523
Pastureland, excluding woodland pastured ..... farms, 1997..	732	2	–	27	5	8	–
1992..	725	1	2	23	5	10	4
acres, 1997..	31 296	(D)	–	515	271	651	–
1992..	37 337	(D)	(D)	793	333	570	74
Irrigated land ..... acres, 1997..	393 485	(D)	29	12 948	516	2 971	870
1992..	366 465	(D)	27	13 309	289	2 615	1 067
Harvested cropland ..... farms, 1997..	3 669	4	5	183	13	37	10
1992..	3 767	3	9	184	17	34	12
acres, 1997..	390 636	(D)	29	12 925	(D)	(D)	870
1992..	364 718	(D)	27	13 273	289	2 574	1 067
Pastureland and other land ..... farms, 1997..	161	–	–	4	1	1	–
1992..	137	–	–	6	–	3	–
acres, 1997..	2 849	–	–	23	(D)	(D)	–
1992..	1 747	–	–	36	–	41	–
1997 irrigated acres by size of farm:							
1 to 9 acres ..... farms..	544	–	–	20	2	5	3
acres irrigated..	1 007	–	–	(D)	(D)	12	3
10 to 49 acres ..... farms..	963	2	1	49	4	8	2
acres irrigated..	6 211	(D)	(D)	426	12	35	(D)
50 to 69 acres ..... farms..	240	–	–	22	–	1	–
acres irrigated..	3 419	–	–	299	–	(D)	–
70 to 99 acres ..... farms..	284	–	–	23	1	5	1
acres irrigated..	5 415	–	–	513	(D)	30	(D)
100 to 139 acres ..... farms..	225	–	–	13	1	–	–
acres irrigated..	8 011	–	–	780	(D)	–	–
140 to 179 acres ..... farms..	168	–	–	9	1	3	–
acres irrigated..	6 893	–	–	463	(D)	94	–
180 to 219 acres ..... farms..	127	–	3	12	1	3	–
acres irrigated..	7 123	–	(D)	1 227	(D)	3	–
220 to 259 acres ..... farms..	90	–	–	3	–	–	–
acres irrigated..	5 988	–	–	(D)	–	–	–
260 to 499 acres ..... farms..	355	2	1	14	–	7	2
acres irrigated..	36 657	(D)	(D)	2 003	–	255	(D)
500 to 999 acres ..... farms..	385	–	–	10	2	3	–
acres irrigated..	91 522	–	–	2 320	(D)	(D)	–
1,000 to 1,999 acres ..... farms..	265	–	–	6	1	2	2
acres irrigated..	106 971	–	–	2 160	(D)	(D)	(D)
2,000 acres or more ..... farms..	106	–	–	4	–	1	–
acres irrigated..	114 268	–	–	2 426	–	(D)	–
1992 irrigated acres by size of farm:							
1 to 9 acres ..... farms..	492	–	–	23	3	4	1
acres irrigated..	887	–	–	(D)	3	5	(D)
10 to 49 acres ..... farms..	908	1	1	49	2	8	3
acres irrigated..	5 775	(D)	(D)	467	(D)	43	(D)
50 to 69 acres ..... farms..	229	1	–	14	–	4	–
acres irrigated..	3 208	(D)	–	231	–	(D)	–
70 to 99 acres ..... farms..	275	–	2	18	1	2	1
acres irrigated..	5 626	–	(D)	432	(D)	(D)	(D)
100 to 139 acres ..... farms..	264	1	4	14	1	2	–
acres irrigated..	8 649	(D)	10	742	(D)	(D)	–
140 to 179 acres ..... farms..	209	–	–	15	2	–	–
acres irrigated..	9 564	–	–	874	(D)	–	–
180 to 219 acres ..... farms..	150	–	–	10	1	5	–
acres irrigated..	10 528	–	–	822	(D)	257	–
220 to 259 acres ..... farms..	127	–	–	7	3	3	1
acres irrigated..	8 330	–	–	649	15	114	(D)
260 to 499 acres ..... farms..	404	–	2	15	2	1	3
acres irrigated..	39 119	–	(D)	2 458	(D)	(D)	(D)
500 to 999 acres ..... farms..	467	–	–	13	2	4	1
acres irrigated..	104 612	–	–	2 443	(D)	(D)	(D)
1,000 to 1,999 acres ..... farms..	216	–	–	2	–	3	2
acres irrigated..	92 291	–	–	(D)	–	(D)	(D)
2,000 acres or more ..... farms..	82	–	–	5	–	–	–
acres irrigated..	77 876	–	–	3 169	–	–	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Farms ..... number, 1997..	5	25	65	16	196	122	62
1992..	3	32	75	19	214	131	42
Land in irrigated farms ..... acres, 1997..	1 173	14 580	16 095	2 722	47 685	94 000	46 797
1992..	176	10 436	21 869	3 458	46 107	76 208	27 132
Harvested cropland ..... farms, 1997..	5	23	63	16	194	119	61
1992..	3	32	75	19	214	131	42
acres, 1997..	(D)	11 589	15 043	847	39 275	78 906	38 380
1992..	(D)	6 798	20 125	1 075	34 601	59 051	20 475
Other cropland, excluding cropland pastured ..... farms, 1997..	1	10	21	7	103	46	23
1992..	2	21	29	12	142	100	30
acres, 1997..	(D)	306	697	263	3 129	1 756	1 299
1992..	(D)	1 053	822	420	5 571	5 524	2 744
Pastureland, excluding woodland pastured ..... farms, 1997..	–	10	3	–	30	22	22
1992..	1	14	3	1	21	35	9
acres, 1997..	–	252	(D)	–	555	1 539	769
1992..	(D)	226	(D)	(D)	914	1 942	353
Irrigated land ..... acres, 1997..	(D)	2 253	5 065	210	10 625	30 563	8 962
1992..	3	1 844	6 469	441	9 803	26 506	5 933
Harvested cropland ..... farms, 1997..	5	23	63	16	194	118	60
1992..	3	30	75	19	213	131	42
acres, 1997..	(D)	(D)	5 053	210	10 605	30 379	8 957
1992..	3	(D)	6 469	441	9 580	(D)	5 933
Pastureland and other land ..... farms, 1997..	–	3	3	–	4	5	4
1992..	–	2	–	–	9	1	–
acres, 1997..	–	(D)	12	–	20	184	5
1992..	–	(D)	–	–	223	(D)	–
1997 irrigated acres by size of farm:							
1 to 9 acres ..... farms..	–	1	7	2	19	10	5
acres irrigated..	–	(D)	16	(D)	34	(D)	9
10 to 49 acres ..... farms..	3	5	13	3	57	5	7
acres irrigated..	3	9	118	12	354	92	29
50 to 69 acres ..... farms..	–	1	4	2	23	9	1
acres irrigated..	–	(D)	81	(D)	367	210	(D)
70 to 99 acres ..... farms..	1	2	1	1	17	5	3
acres irrigated..	(D)	(D)	(D)	(D)	274	211	(D)
100 to 139 acres ..... farms..	–	3	4	1	11	4	1
acres irrigated..	–	106	296	(D)	295	197	(D)
140 to 179 acres ..... farms..	–	1	8	1	11	4	3
acres irrigated..	–	(D)	509	(D)	270	224	(D)
180 to 219 acres ..... farms..	–	1	2	1	8	4	3
acres irrigated..	–	(D)	(D)	(D)	88	276	7
220 to 259 acres ..... farms..	–	1	5	2	10	2	3
acres irrigated..	–	(D)	522	(D)	842	(D)	43
260 to 499 acres ..... farms..	–	3	11	2	21	17	10
acres irrigated..	–	354	1 242	(D)	1 645	2 127	956
500 to 999 acres ..... farms..	1	5	6	1	11	30	9
acres irrigated..	(D)	937	1 109	(D)	1 614	6 962	1 327
1,000 to 1,999 acres ..... farms..	–	–	4	–	5	23	9
acres irrigated..	–	–	1 075	–	2 292	9 571	1 425
2,000 acres or more ..... farms..	–	2	–	–	3	9	8
acres irrigated..	–	(D)	–	–	2 550	10 474	4 960
1992 irrigated acres by size of farm:							
1 to 9 acres ..... farms..	–	–	5	1	18	4	4
acres irrigated..	–	–	(D)	(D)	(D)	5	8
10 to 49 acres ..... farms..	1	11	8	3	65	6	1
acres irrigated..	(D)	24	76	8	459	42	(D)
50 to 69 acres ..... farms..	1	2	6	3	18	1	1
acres irrigated..	(D)	(D)	87	44	221	(D)	(D)
70 to 99 acres ..... farms..	1	3	8	3	24	2	4
acres irrigated..	(D)	(D)	302	(D)	342	(D)	(D)
100 to 139 acres ..... farms..	–	3	7	–	12	9	–
acres irrigated..	–	(D)	325	–	383	499	–
140 to 179 acres ..... farms..	–	1	1	1	13	8	3
acres irrigated..	–	(D)	(D)	(D)	471	391	180
180 to 219 acres ..... farms..	–	1	7	3	7	3	3
acres irrigated..	–	(D)	772	112	190	197	(D)
220 to 259 acres ..... farms..	–	1	8	1	15	6	1
acres irrigated..	–	(D)	926	(D)	763	687	(D)
260 to 499 acres ..... farms..	–	2	12	2	17	34	7
acres irrigated..	–	(D)	1 312	(D)	1 574	2 919	632
500 to 999 acres ..... farms..	–	7	9	2	15	40	10
acres irrigated..	–	1 070	1 390	(D)	1 238	10 504	2 017
1,000 to 1,999 acres ..... farms..	–	–	4	–	8	13	5
acres irrigated..	–	–	1 160	–	2 333	6 312	1 310
2,000 acres or more ..... farms..	–	1	–	–	2	5	3
acres irrigated..	–	(D)	–	–	(D)	4 865	1 449

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Farms ..... number, 1997..	79	13	11	7	6	44	1
1992..	82	22	11	2	6	42	1
Land in irrigated farms ..... acres, 1997..	47 084	2 089	2 551	683	(D)	21 610	(D)
1992..	49 299	3 624	1 349	(D)	728	14 941	(D)
Harvested cropland ..... farms, 1997..	79	13	11	7	6	43	1
1992..	82	22	11	2	6	42	1
acres, 1997..	38 774	715	805	79	(D)	16 266	(D)
1992..	37 584	1 238	(D)	(D)	186	11 659	(D)
Other cropland, excluding cropland pastured ..... farms, 1997..	31	9	6	4	2	20	–
1992..	65	14	5	1	4	26	–
acres, 1997..	716	313	802	177	(D)	2 053	–
1992..	3 489	456	391	(D)	169	1 377	–
Pastureland, excluding woodland pastured ..... farms, 1997..	18	6	1	4	2	14	–
1992..	24	8	1	–	1	9	–
acres, 1997..	2 151	142	(D)	99	(D)	588	–
1992..	2 537	625	(D)	–	(D)	232	–
Irrigated land ..... acres, 1997..	14 599	56	72	35	(D)	2 547	(D)
1992..	13 540	143	83	(D)	101	3 624	(D)
Harvested cropland ..... farms, 1997..	79	12	11	7	6	40	1
1992..	82	20	11	2	6	41	1
acres, 1997..	(D)	(D)	72	35	(D)	2 391	(D)
1992..	13 540	(D)	(D)	(D)	101	(D)	(D)
Pastureland and other land ..... farms, 1997..	1	1	–	–	–	6	–
1992..	–	2	1	–	–	2	–
acres, 1997..	(D)	(D)	–	–	–	156	–
1992..	–	(D)	(D)	–	–	(D)	–
1997 irrigated acres by size of farm:							
1 to 9 acres ..... farms..	7	1	3	1	2	7	–
acres irrigated..	12	(D)	3	(D)	(D)	14	–
10 to 49 acres ..... farms..	9	5	2	–	1	7	1
acres irrigated..	46	12	(D)	–	(D)	16	(D)
50 to 69 acres ..... farms..	5	–	1	–	–	3	–
acres irrigated..	62	–	(D)	–	–	(D)	–
70 to 99 acres ..... farms..	7	1	1	4	–	6	–
acres irrigated..	149	(D)	(D)	(D)	–	258	–
100 to 139 acres ..... farms..	2	1	–	1	2	3	–
acres irrigated..	(D)	(D)	–	(D)	(D)	(D)	–
140 to 179 acres ..... farms..	5	1	–	–	–	3	–
acres irrigated..	194	(D)	–	–	–	62	–
180 to 219 acres ..... farms..	4	–	–	–	–	2	–
acres irrigated..	193	–	–	–	–	(D)	–
220 to 259 acres ..... farms..	1	–	–	–	–	–	–
acres irrigated..	(D)	–	–	–	–	–	–
260 to 499 acres ..... farms..	10	3	2	1	–	3	–
acres irrigated..	1 231	(D)	(D)	(D)	–	(D)	–
500 to 999 acres ..... farms..	11	1	2	–	–	4	–
acres irrigated..	3 914	(D)	(D)	–	–	466	–
1,000 to 1,999 acres ..... farms..	14	–	–	–	1	3	–
acres irrigated..	7 070	–	–	–	(D)	688	–
2,000 acres or more ..... farms..	4	–	–	–	–	3	–
acres irrigated..	1 570	–	–	–	–	(D)	–
1992 irrigated acres by size of farm:							
1 to 9 acres ..... farms..	6	3	1	–	1	3	1
acres irrigated..	8	4	(D)	–	(D)	9	(D)
10 to 49 acres ..... farms..	10	7	4	–	1	11	–
acres irrigated..	52	24	8	–	(D)	57	–
50 to 69 acres ..... farms..	1	–	–	–	–	2	–
acres irrigated..	(D)	–	–	–	–	(D)	–
70 to 99 acres ..... farms..	4	1	4	–	1	4	–
acres irrigated..	(D)	(D)	22	–	(D)	(D)	–
100 to 139 acres ..... farms..	5	2	–	2	–	1	–
acres irrigated..	284	(D)	–	(D)	–	(D)	–
140 to 179 acres ..... farms..	6	2	–	–	2	3	–
acres irrigated..	379	(D)	–	–	(D)	(D)	–
180 to 219 acres ..... farms..	2	1	–	–	–	4	–
acres irrigated..	(D)	(D)	–	–	–	279	–
220 to 259 acres ..... farms..	1	–	–	–	–	–	–
acres irrigated..	(D)	–	–	–	–	–	–
260 to 499 acres ..... farms..	16	3	1	–	1	7	–
acres irrigated..	1 481	15	(D)	–	(D)	475	–
500 to 999 acres ..... farms..	14	3	1	–	–	2	–
acres irrigated..	3 843	(D)	(D)	–	–	(D)	–
1,000 to 1,999 acres ..... farms..	14	–	–	–	–	4	–
acres irrigated..	6 130	–	–	–	–	1 742	–
2,000 acres or more ..... farms..	3	–	–	–	–	1	–
acres irrigated..	910	–	–	–	–	(D)	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Farms ..... number, 1997..	16	10	35	25	50	10	1
1992..	19	11	34	13	53	13	2
Land in irrigated farms ..... acres, 1997..	5 697	4 351	5 959	4 244	6 425	752	(D)
1992..	5 696	4 614	5 376	2 403	7 225	2 296	(D)
Harvested cropland ..... farms, 1997..	16	10	34	25	46	9	1
1992..	19	11	34	13	53	13	2
acres, 1997..	2 628	1 264	3 070	1 602	3 798	(D)	(D)
1992..	2 291	1 351	3 144	815	5 089	1 021	(D)
Other cropland, excluding cropland pastured ..... farms, 1997..	10	5	17	13	21	5	–
1992..	13	8	18	3	36	11	1
acres, 1997..	522	518	697	505	868	74	–
1992..	473	771	635	(D)	1 011	308	(D)
Pastureland, excluding woodland pastured ..... farms, 1997..	5	–	8	7	12	4	1
1992..	6	4	9	5	10	7	1
acres, 1997..	452	–	93	173	240	215	(D)
1992..	377	64	537	316	292	523	(D)
Irrigated land ..... acres, 1997..	903	377	1 033	360	798	34	(D)
1992..	475	664	774	263	1 297	506	(D)
Harvested cropland ..... farms, 1997..	16	10	34	25	46	9	1
1992..	19	11	34	13	51	13	2
acres, 1997..	903	377	1 030	360	(D)	(D)	(D)
1992..	(D)	664	774	263	1 289	(D)	(D)
Pastureland and other land ..... farms, 1997..	–	–	3	–	6	2	–
1992..	1	–	–	–	4	2	–
acres, 1997..	–	–	3	–	(D)	(D)	–
1992..	(D)	–	–	–	8	(D)	–
1997 irrigated acres by size of farm:							
1 to 9 acres ..... farms..	4	–	10	2	10	–	–
acres irrigated..	14	–	16	(D)	19	–	–
10 to 49 acres ..... farms..	3	1	12	5	21	5	–
acres irrigated..	21	(D)	48	7	101	9	–
50 to 69 acres ..... farms..	–	2	1	2	5	1	1
acres irrigated..	–	(D)	(D)	(D)	59	(D)	(D)
70 to 99 acres ..... farms..	1	–	3	8	6	2	–
acres irrigated..	(D)	–	(D)	47	20	(D)	–
100 to 139 acres ..... farms..	–	–	2	1	1	1	–
acres irrigated..	–	–	(D)	(D)	(D)	(D)	–
140 to 179 acres ..... farms..	1	1	–	1	2	–	–
acres irrigated..	(D)	(D)	–	(D)	(D)	–	–
180 to 219 acres ..... farms..	–	–	–	–	1	–	–
acres irrigated..	–	–	–	–	(D)	–	–
220 to 259 acres ..... farms..	1	–	2	1	–	–	–
acres irrigated..	(D)	–	(D)	(D)	–	–	–
260 to 499 acres ..... farms..	–	4	1	3	1	1	–
acres irrigated..	–	183	(D)	57	(D)	(D)	–
500 to 999 acres ..... farms..	4	1	2	1	2	–	–
acres irrigated..	637	(D)	(D)	(D)	(D)	–	–
1,000 to 1,999 acres ..... farms..	2	1	2	1	–	–	–
acres irrigated..	(D)	(D)	(D)	(D)	–	–	–
2,000 acres or more ..... farms..	–	–	–	–	1	–	–
acres irrigated..	–	–	–	–	(D)	–	–
1992 irrigated acres by size of farm:							
1 to 9 acres ..... farms..	1	–	6	4	10	–	1
acres irrigated..	(D)	–	15	10	17	–	(D)
10 to 49 acres ..... farms..	7	1	9	2	19	5	–
acres irrigated..	49	(D)	32	(D)	68	10	–
50 to 69 acres ..... farms..	–	–	3	–	6	1	–
acres irrigated..	–	–	(D)	–	58	(D)	–
70 to 99 acres ..... farms..	–	–	2	–	5	1	1
acres irrigated..	–	–	(D)	–	140	(D)	(D)
100 to 139 acres ..... farms..	2	–	3	1	3	–	–
acres irrigated..	(D)	–	(D)	(D)	148	–	–
140 to 179 acres ..... farms..	2	1	–	–	3	–	–
acres irrigated..	(D)	(D)	–	–	128	–	–
180 to 219 acres ..... farms..	–	1	–	1	2	–	–
acres irrigated..	–	(D)	–	(D)	(D)	–	–
220 to 259 acres ..... farms..	–	–	5	2	1	–	–
acres irrigated..	–	–	(D)	(D)	(D)	–	–
260 to 499 acres ..... farms..	1	5	3	2	2	5	–
acres irrigated..	(D)	274	(D)	(D)	(D)	441	–
500 to 999 acres ..... farms..	5	2	3	1	–	1	–
acres irrigated..	173	(D)	423	(D)	–	(D)	–
1,000 to 1,999 acres ..... farms..	1	1	–	–	1	–	–
acres irrigated..	(D)	(D)	–	–	(D)	–	–
2,000 acres or more ..... farms..	–	–	–	–	1	–	–
acres irrigated..	–	–	–	–	(D)	–	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Farms ..... number, 1997..	65	28	32	18	28	33	31	10
1992..	85	39	39	18	33	24	41	9
Land in irrigated farms ..... acres, 1997..	11 831	11 545	23 901	1 314	14 578	9 273	12 030	1 242
1992..	16 275	14 191	21 944	2 363	10 223	7 356	19 994	960
Harvested cropland ..... farms, 1997..	65	28	31	18	28	33	29	10
1992..	85	39	39	18	33	23	41	9
acres, 1997..	6 407	9 514	19 255	263	13 144	5 606	10 190	861
1992..	6 115	10 668	17 220	412	7 793	4 155	14 740	287
Other cropland, excluding cropland pastured ..... farms, 1997..	35	7	16	14	6	16	13	6
1992..	48	29	25	14	23	13	28	6
acres, 1997..	1 123	1 063	886	194	211	977	415	106
1992..	2 347	2 143	1 963	698	1 153	1 529	1 985	117
Pastureland, excluding woodland pastured ..... farms, 1997..	8	3	11	4	3	5	7	5
1992..	15	3	14	2	6	7	17	3
acres, 1997..	756	(D)	843	33	(D)	(D)	294	84
1992..	2 369	83	458	(D)	202	683	1 013	47
Irrigated land ..... acres, 1997..	1 912	2 012	4 428	76	2 270	2 369	2 152	697
1992..	2 340	3 250	3 666	64	1 627	1 320	3 630	62
Harvested cropland ..... farms, 1997..	65	28	31	18	28	33	27	10
1992..	85	39	39	18	33	23	39	7
acres, 1997..	1 912	(D)	(D)	76	(D)	(D)	2 135	697
1992..	(D)	(D)	(D)	64	1 627	(D)	(D)	(D)
Pastureland and other land ..... farms, 1997..	–	1	2	–	1	1	5	–
1992..	1	1	1	–	–	1	2	2
acres, 1997..	–	(D)	(D)	–	(D)	(D)	17	–
1992..	(D)	(D)	(D)	–	–	(D)	(D)	(D)
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	5	7	–	–	1	4	3	1
acres irrigated..	12	15	–	–	(D)	5	3	(D)
10 to 49 acres ..... farms..	22	5	6	5	5	11	8	4
acres irrigated..	162	21	33	22	69	60	26	17
50 to 69 acres ..... farms..	3	3	–	4	–	2	4	–
acres irrigated..	(D)	(D)	–	22	–	(D)	14	–
70 to 99 acres ..... farms..	10	1	4	5	4	4	1	–
acres irrigated..	231	(D)	6	(D)	(D)	17	(D)	–
100 to 139 acres ..... farms..	6	–	–	3	3	1	2	2
acres irrigated..	119	–	–	13	159	(D)	(D)	(D)
140 to 179 acres ..... farms..	–	1	3	1	1	1	1	1
acres irrigated..	–	(D)	(D)	(D)	(D)	(D)	(D)	(D)
180 to 219 acres ..... farms..	4	–	1	–	–	–	3	1
acres irrigated..	126	–	(D)	–	–	–	(D)	(D)
220 to 259 acres ..... farms..	1	–	1	–	1	2	–	–
acres irrigated..	(D)	–	(D)	–	(D)	(D)	–	–
260 to 499 acres ..... farms..	9	3	3	–	2	3	3	–
acres irrigated..	600	323	118	–	(D)	356	159	–
500 to 999 acres ..... farms..	3	6	3	–	7	2	2	1
acres irrigated..	249	1 200	720	–	1 063	(D)	(D)	(D)
1,000 to 1,999 acres ..... farms..	1	1	8	–	3	2	2	–
acres irrigated..	(D)	(D)	2 485	–	602	(D)	(D)	–
2,000 acres or more ..... farms..	1	1	3	–	1	1	2	–
acres irrigated..	(D)	(D)	765	–	(D)	(D)	(D)	–
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	9	4	2	–	2	4	4	1
acres irrigated..	16	4	(D)	–	(D)	5	6	(D)
10 to 49 acres ..... farms..	13	3	5	5	9	10	6	2
acres irrigated..	83	6	39	8	143	46	18	(D)
50 to 69 acres ..... farms..	5	7	3	2	–	3	1	–
acres irrigated..	66	71	(D)	(D)	–	11	(D)	–
70 to 99 acres ..... farms..	18	3	6	3	1	–	1	2
acres irrigated..	424	15	18	8	(D)	–	(D)	(D)
100 to 139 acres ..... farms..	11	1	–	2	2	–	5	2
acres irrigated..	115	(D)	–	(D)	(D)	–	102	(D)
140 to 179 acres ..... farms..	9	2	1	2	1	–	6	1
acres irrigated..	554	(D)	(D)	(D)	(D)	–	34	(D)
180 to 219 acres ..... farms..	6	1	4	–	2	–	1	–
acres irrigated..	82	(D)	343	–	(D)	–	(D)	–
220 to 259 acres ..... farms..	3	2	2	1	3	1	2	–
acres irrigated..	240	(D)	(D)	(D)	(D)	(D)	(D)	–
260 to 499 acres ..... farms..	7	9	3	3	7	2	4	1
acres irrigated..	343	1 659	(D)	15	558	(D)	238	(D)
500 to 999 acres ..... farms..	2	4	4	–	4	1	5	–
acres irrigated..	(D)	335	1 273	–	332	(D)	1 227	–
1,000 to 1,999 acres ..... farms..	1	2	7	–	2	2	2	–
acres irrigated..	(D)	(D)	1 181	–	(D)	(D)	(D)	–
2,000 acres or more ..... farms..	1	1	2	–	–	1	4	–
acres irrigated..	(D)	(D)	(D)	–	–	(D)	1 380	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Farms ..... number, 1997..	8	25	58	144	12	128	–	4
1992..	5	22	46	157	4	164	–	2
Land in irrigated farms ..... acres, 1997..	4 858	10 250	20 852	56 309	4 721	26 426	–	48
1992..	3 483	6 834	29 598	54 432	2 011	32 430	–	(D)
Harvested cropland ..... farms, 1997..	8	25	58	144	12	128	–	3
1992..	5	22	46	156	4	162	–	2
acres, 1997..	1 362	7 854	14 636	46 689	3 177	19 749	–	13
1992..	890	4 753	18 773	43 398	877	24 459	–	(D)
Other cropland, excluding cropland pastured ..... farms, 1997..	5	13	26	36	5	50	–	–
1992..	3	14	29	78	4	81	–	2
acres, 1997..	813	465	688	1 254	(D)	1 610	–	–
1992..	386	1 077	3 924	2 876	(D)	3 437	–	(D)
Pastureland, excluding woodland pastured ..... farms, 1997..	4	7	19	29	8	18	–	1
1992..	3	3	13	26	1	30	–	–
acres, 1997..	311	411	1 713	1 326	327	237	–	(D)
1992..	(D)	(D)	3 287	1 503	(D)	663	–	–
Irrigated land ..... acres, 1997..	496	1 266	3 475	18 144	3 657	6 120	–	18
1992..	351	1 488	5 609	20 336	895	9 030	–	(D)
Harvested cropland ..... farms, 1997..	7	23	57	140	12	126	–	3
1992..	4	22	44	156	4	161	–	–
acres, 1997..	(D)	1 252	(D)	17 945	(D)	(D)	–	(D)
1992..	(D)	(D)	(D)	20 316	(D)	8 918	–	–
Pastureland and other land ..... farms, 1997..	1	3	3	8	2	4	–	1
1992..	1	1	2	4	1	10	–	2
acres, 1997..	(D)	14	(D)	199	(D)	(D)	–	(D)
1992..	(D)	(D)	(D)	20	(D)	112	–	(D)
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	–	2	11	33	1	29	–	1
acres irrigated..	–	(D)	21	67	(D)	62	–	(D)
10 to 49 acres ..... farms..	–	8	16	34	4	38	–	3
acres irrigated..	–	71	152	252	18	202	–	(D)
50 to 69 acres ..... farms..	–	–	4	4	1	8	–	–
acres irrigated..	–	–	36	(D)	(D)	153	–	–
70 to 99 acres ..... farms..	2	3	3	3	–	10	–	–
acres irrigated..	(D)	8	(D)	(D)	–	127	–	–
100 to 139 acres ..... farms..	1	–	5	5	–	7	–	–
acres irrigated..	(D)	–	(D)	147	–	412	–	–
140 to 179 acres ..... farms..	–	–	3	6	1	2	–	–
acres irrigated..	–	–	61	271	(D)	(D)	–	–
180 to 219 acres ..... farms..	–	1	–	3	–	3	–	–
acres irrigated..	–	(D)	–	(D)	–	98	–	–
220 to 259 acres ..... farms..	–	1	1	–	1	9	–	–
acres irrigated..	–	(D)	(D)	–	(D)	458	–	–
260 to 499 acres ..... farms..	3	4	4	15	–	9	–	–
acres irrigated..	127	397	452	2 496	–	544	–	–
500 to 999 acres ..... farms..	–	2	7	21	1	4	–	–
acres irrigated..	–	(D)	574	5 871	(D)	1 765	–	–
1,000 to 1,999 acres ..... farms..	2	3	1	17	3	7	–	–
acres irrigated..	(D)	476	(D)	7 409	3 038	1 242	–	–
2,000 acres or more ..... farms..	–	1	3	3	–	2	–	–
acres irrigated..	–	(D)	1 356	1 279	–	(D)	–	–
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	–	–	13	49	–	31	–	–
acres irrigated..	–	–	20	116	–	72	–	–
10 to 49 acres ..... farms..	–	2	6	39	–	46	–	–
acres irrigated..	–	(D)	20	200	–	305	–	–
50 to 69 acres ..... farms..	–	–	3	1	–	18	–	–
acres irrigated..	–	–	(D)	(D)	–	349	–	–
70 to 99 acres ..... farms..	–	3	–	3	–	12	–	–
acres irrigated..	–	14	–	(D)	–	266	–	–
100 to 139 acres ..... farms..	–	4	4	3	1	4	–	–
acres irrigated..	–	(D)	38	(D)	(D)	(D)	–	–
140 to 179 acres ..... farms..	1	–	1	3	–	15	–	–
acres irrigated..	(D)	–	(D)	208	–	225	–	–
180 to 219 acres ..... farms..	–	3	1	5	1	5	–	–
acres irrigated..	–	348	(D)	872	(D)	420	–	–
220 to 259 acres ..... farms..	–	2	2	1	–	5	–	2
acres irrigated..	–	(D)	(D)	(D)	–	404	–	(D)
260 to 499 acres ..... farms..	2	3	1	12	–	7	–	–
acres irrigated..	(D)	680	(D)	1 324	–	693	–	–
500 to 999 acres ..... farms..	–	4	8	25	2	14	–	–
acres irrigated..	–	219	1 342	6 265	(D)	2 974	–	–
1,000 to 1,999 acres ..... farms..	2	1	2	11	–	4	–	–
acres irrigated..	(D)	(D)	(D)	6 388	–	(D)	–	–
2,000 acres or more ..... farms..	–	–	5	5	–	3	–	–
acres irrigated..	–	–	2 768	4 739	–	2 810	–	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Farms ..... number, 1997..	58	77	50	47	8	3	93	39
1992..	55	69	39	51	4	4	100	44
Land in irrigated farms ..... acres, 1997..	8 869	16 165	28 642	4 157	1 316	(D)	7 410	9 711
1992..	11 349	13 583	11 970	5 338	(D)	332	7 197	13 679
Harvested cropland ..... farms, 1997..	57	76	50	47	8	3	93	39
1992..	55	68	39	50	4	4	100	44
acres, 1997..	5 990	7 462	26 926	2 524	(D)	(D)	4 400	6 150
1992..	8 227	6 395	9 100	3 511	14	6	4 424	6 179
Other cropland, excluding cropland pastured ..... farms, 1997..	28	35	15	19	3	1	34	23
1992..	35	45	26	19	2	1	53	32
acres, 1997..	965	1 747	293	445	74	(D)	1 286	1 395
1992..	1 608	2 086	984	588	(D)	(D)	1 621	1 928
Pastureland, excluding woodland pastured ..... farms, 1997..	18	12	6	8	1	1	13	8
1992..	12	13	4	7	–	–	8	11
acres, 1997..	250	557	247	173	(D)	(D)	240	115
1992..	383	340	(D)	171	–	–	398	1 244
Irrigated land ..... acres, 1997..	2 308	2 362	2 667	1 548	(D)	(D)	1 996	3 064
1992..	2 008	2 471	1 944	1 503	8	7	2 751	3 320
Harvested cropland ..... farms, 1997..	57	75	50	47	8	3	93	37
1992..	55	68	37	50	4	4	99	44
acres, 1997..	2 293	(D)	2 667	1 498	(D)	(D)	(D)	(D)
1992..	(D)	(D)	(D)	1 481	8	(D)	(D)	(D)
Pastureland and other land ..... farms, 1997..	4	3	–	4	–	–	2	2
1992..	2	1	2	4	–	1	3	2
acres, 1997..	15	(D)	–	50	–	–	(D)	(D)
1992..	(D)	(D)	(D)	22	–	(D)	(D)	(D)
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	7	6	5	10	1	1	32	6
acres irrigated..	(D)	6	5	16	(D)	(D)	52	6
10 to 49 acres ..... farms..	21	23	16	19	2	1	25	6
acres irrigated..	67	188	111	126	(D)	(D)	94	14
50 to 69 acres ..... farms..	6	4	3	1	–	–	7	1
acres irrigated..	103	(D)	9	(D)	–	–	24	(D)
70 to 99 acres ..... farms..	4	8	1	8	–	1	8	3
acres irrigated..	13	172	(D)	187	–	(D)	137	99
100 to 139 acres ..... farms..	7	8	2	4	3	–	4	5
acres irrigated..	354	255	(D)	51	4	–	202	167
140 to 179 acres ..... farms..	3	4	1	2	–	–	2	1
acres irrigated..	74	23	(D)	(D)	–	–	(D)	(D)
180 to 219 acres ..... farms..	–	5	3	–	–	–	3	3
acres irrigated..	–	66	340	–	–	–	(D)	(D)
220 to 259 acres ..... farms..	–	4	1	–	–	–	3	–
acres irrigated..	–	169	(D)	–	–	–	(D)	–
260 to 499 acres ..... farms..	5	8	5	2	2	–	6	8
acres irrigated..	1 146	436	562	(D)	(D)	–	719	765
500 to 999 acres ..... farms..	4	5	2	–	–	–	3	5
acres irrigated..	439	648	(D)	–	–	–	643	1 703
1,000 to 1,999 acres ..... farms..	1	1	8	1	–	–	–	1
acres irrigated..	(D)	(D)	203	(D)	–	–	–	(D)
2,000 acres or more ..... farms..	–	1	3	–	–	–	–	–
acres irrigated..	–	(D)	1 137	–	–	–	–	–
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	6	2	7	10	1	1	28	4
acres irrigated..	22	(D)	12	17	(D)	(D)	42	6
10 to 49 acres ..... farms..	17	17	15	22	2	1	40	1
acres irrigated..	76	163	66	145	(D)	(D)	155	(D)
50 to 69 acres ..... farms..	3	6	1	3	–	1	6	1
acres irrigated..	7	63	(D)	16	–	(D)	27	(D)
70 to 99 acres ..... farms..	9	5	7	6	–	–	1	2
acres irrigated..	141	61	199	62	–	–	(D)	(D)
100 to 139 acres ..... farms..	2	9	1	2	1	–	8	7
acres irrigated..	(D)	302	(D)	(D)	(D)	–	163	217
140 to 179 acres ..... farms..	4	6	1	1	–	–	3	4
acres irrigated..	31	87	(D)	(D)	–	–	45	100
180 to 219 acres ..... farms..	1	5	–	4	–	–	4	6
acres irrigated..	(D)	154	–	(D)	–	–	261	290
220 to 259 acres ..... farms..	1	4	–	–	–	1	2	–
acres irrigated..	(D)	205	–	–	–	(D)	(D)	–
260 to 499 acres ..... farms..	5	9	1	1	–	–	7	11
acres irrigated..	852	562	(D)	(D)	–	–	1 347	345
500 to 999 acres ..... farms..	5	5	2	–	–	–	1	5
acres irrigated..	702	792	(D)	–	–	–	(D)	1 426
1,000 to 1,999 acres ..... farms..	2	–	2	2	–	–	–	3
acres irrigated..	(D)	–	(D)	(D)	–	–	–	862
2,000 acres or more ..... farms..	–	1	2	–	–	–	–	–
acres irrigated..	–	(D)	(D)	–	–	–	–	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Farms ..... number, 1997..	4	54	34	6	16	22	79	104
1992..	2	58	37	6	13	18	64	116
Land in irrigated farms ..... acres, 1997..	351	19 039	16 382	818	5 124	13 877	20 265	94 992
1992..	(D)	17 559	19 017	145	3 783	10 482	13 147	82 502
Harvested cropland ..... farms, 1997..	4	53	33	6	16	22	76	104
1992..	2	56	36	6	13	18	63	116
acres, 1997..	53	12 919	12 234	480	4 499	10 563	17 293	81 529
1992..	(D)	11 765	12 004	42	2 571	7 132	10 969	62 416
Other cropland, excluding cropland pastured ..... farms, 1997..	2	36	17	1	5	5	25	48
1992..	1	41	28	1	7	9	25	86
acres, 1997..	(D)	1 606	1 498	(D)	129	264	1 530	2 140
1992..	(D)	2 886	2 794	(D)	292	301	1 390	9 075
Pastureland, excluding woodland pastured ..... farms, 1997..	2	12	12	2	1	4	8	23
1992..	–	6	19	3	2	10	8	31
acres, 1997..	(D)	1 227	378	(D)	(D)	751	66	1 274
1992..	–	80	829	25	(D)	715	215	1 568
Irrigated land ..... acres, 1997..	29	3 251	6 822	100	551	2 396	5 047	45 345
1992..	(D)	3 354	5 420	14	934	1 768	2 385	37 575
Harvested cropland ..... farms, 1997..	4	53	33	6	15	21	75	104
1992..	2	56	35	6	13	18	63	116
acres, 1997..	29	3 146	(D)	100	(D)	(D)	5 027	(D)
1992..	(D)	3 344	(D)	14	(D)	1 768	(D)	(D)
Pastureland and other land ..... farms, 1997..	–	5	2	–	1	1	4	2
1992..	–	3	4	–	1	–	1	2
acres, 1997..	–	105	(D)	–	(D)	(D)	20	(D)
1992..	–	10	(D)	–	(D)	–	(D)	(D)
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	–	3	1	1	2	–	22	3
acres irrigated..	–	5	(D)	(D)	(D)	–	50	3
10 to 49 acres ..... farms..	2	20	3	2	3	1	30	12
acres irrigated..	(D)	115	21	(D)	(D)	(D)	159	45
50 to 69 acres ..... farms..	1	1	1	–	1	1	4	4
acres irrigated..	(D)	(D)	(D)	–	(D)	(D)	37	20
70 to 99 acres ..... farms..	–	5	5	–	3	1	1	4
acres irrigated..	–	(D)	20	–	4	(D)	(D)	16
100 to 139 acres ..... farms..	–	1	2	–	–	–	3	3
acres irrigated..	–	(D)	(D)	–	–	–	(D)	108
140 to 179 acres ..... farms..	–	1	1	1	–	1	1	1
acres irrigated..	–	(D)	(D)	(D)	–	(D)	(D)	(D)
180 to 219 acres ..... farms..	–	1	5	–	2	1	1	2
acres irrigated..	–	(D)	16	–	(D)	(D)	(D)	(D)
220 to 259 acres ..... farms..	1	1	2	1	–	1	2	–
acres irrigated..	(D)	(D)	(D)	(D)	–	(D)	(D)	–
260 to 499 acres ..... farms..	–	6	3	1	3	2	7	10
acres irrigated..	–	252	(D)	(D)	208	(D)	518	738
500 to 999 acres ..... farms..	–	9	7	–	1	10	–	30
acres irrigated..	–	885	1 159	–	(D)	1 180	–	9 485
1,000 to 1,999 acres ..... farms..	–	5	2	–	–	4	6	25
acres irrigated..	–	1 110	(D)	–	–	1 009	2 519	15 790
2,000 acres or more ..... farms..	–	1	2	–	1	–	2	10
acres irrigated..	–	(D)	(D)	–	(D)	–	(D)	18 903
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	1	2	1	3	3	1	14	2
acres irrigated..	(D)	(D)	(D)	3	6	(D)	31	(D)
10 to 49 acres ..... farms..	–	16	4	2	2	1	24	7
acres irrigated..	–	84	24	(D)	(D)	(D)	108	68
50 to 69 acres ..... farms..	1	2	–	–	2	3	3	4
acres irrigated..	(D)	(D)	–	–	(D)	6	(D)	107
70 to 99 acres ..... farms..	–	3	5	1	1	1	3	4
acres irrigated..	–	(D)	9	(D)	(D)	(D)	115	(D)
100 to 139 acres ..... farms..	–	7	4	–	–	–	4	5
acres irrigated..	–	27	140	–	–	–	24	123
140 to 179 acres ..... farms..	–	2	–	–	–	–	2	6
acres irrigated..	–	(D)	–	–	–	–	(D)	425
180 to 219 acres ..... farms..	–	1	–	–	1	–	2	3
acres irrigated..	–	(D)	–	–	(D)	–	(D)	238
220 to 259 acres ..... farms..	–	3	1	–	–	–	1	4
acres irrigated..	–	(D)	(D)	–	–	–	(D)	412
260 to 499 acres ..... farms..	–	10	4	–	1	2	6	12
acres irrigated..	–	402	(D)	–	(D)	(D)	143	1 053
500 to 999 acres ..... farms..	–	7	11	–	1	6	1	39
acres irrigated..	–	991	2 024	–	(D)	970	(D)	10 988
1,000 to 1,999 acres ..... farms..	–	4	7	–	2	4	3	23
acres irrigated..	–	917	2 787	–	(D)	600	(D)	14 758
2,000 acres or more ..... farms..	–	1	–	–	–	–	1	7
acres irrigated..	–	(D)	–	–	–	–	(D)	9 358

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Farms ..... number, 1997..	3	55	51	75	46	7	–	16
1992..	5	61	54	86	57	9	1	15
Land in irrigated farms ..... acres, 1997..	1 475	22 593	12 773	5 471	22 088	2 329	–	6 885
1992..	1 802	26 014	13 687	3 000	25 433	2 721	(D)	7 529
Harvested cropland ..... farms, 1997..	3	53	51	75	46	5	–	16
1992..	5	58	54	82	57	9	1	15
acres, 1997..	1 011	12 911	8 208	3 435	13 017	(D)	–	4 326
1992..	1 174	15 673	9 026	1 448	14 804	(D)	(D)	5 617
Other cropland, excluding cropland pastured ..... farms, 1997..	2	13	22	27	33	5	–	8
1992..	3	30	29	30	44	4	–	11
acres, 1997..	(D)	388	1 164	1 207	2 179	371	–	308
1992..	(D)	1 575	1 453	738	2 987	94	–	803
Pastureland, excluding woodland pastured ..... farms, 1997..	2	9	14	9	12	4	–	7
1992..	2	9	18	12	8	3	–	5
acres, 1997..	(D)	417	414	91	395	457	–	596
1992..	(D)	234	751	58	366	(D)	–	268
Irrigated land ..... acres, 1997..	(D)	7 661	4 319	586	3 238	102	–	1 273
1992..	123	7 907	5 215	1 024	4 397	128	(D)	1 350
Harvested cropland ..... farms, 1997..	3	53	50	75	45	5	–	16
1992..	5	56	54	82	56	9	1	12
acres, 1997..	(D)	(D)	(D)	(D)	(D)	(D)	–	(D)
1992..	(D)	7 893	5 215	968	4 324	128	(D)	1 343
Pastureland and other land ..... farms, 1997..	–	3	4	1	4	2	–	1
1992..	1	5	–	6	4	–	–	3
acres, 1997..	–	(D)	(D)	(D)	(D)	(D)	–	(D)
1992..	(D)	14	–	56	73	–	–	7
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	–	15	7	28	–	2	–	–
acres irrigated..	–	21	11	45	–	(D)	–	–
10 to 49 acres ..... farms..	–	17	10	33	5	–	–	5
acres irrigated..	–	172	22	200	32	–	–	6
50 to 69 acres ..... farms..	–	3	3	4	3	2	–	1
acres irrigated..	–	(D)	37	62	(D)	(D)	–	(D)
70 to 99 acres ..... farms..	–	2	5	3	2	–	–	2
acres irrigated..	–	(D)	181	(D)	(D)	–	–	(D)
100 to 139 acres ..... farms..	–	2	5	2	5	–	–	1
acres irrigated..	–	(D)	61	(D)	57	–	–	(D)
140 to 179 acres ..... farms..	–	3	1	1	1	2	–	–
acres irrigated..	–	(D)	(D)	(D)	(D)	(D)	–	–
180 to 219 acres ..... farms..	–	–	1	–	5	–	–	–
acres irrigated..	–	–	(D)	–	107	–	–	–
220 to 259 acres ..... farms..	–	1	4	1	–	–	–	–
acres irrigated..	–	(D)	320	(D)	–	–	–	–
260 to 499 acres ..... farms..	2	5	6	1	10	–	–	–
acres irrigated..	(D)	405	1 073	(D)	234	–	–	–
500 to 999 acres ..... farms..	1	3	7	–	7	–	–	5
acres irrigated..	(D)	215	1 262	–	727	–	–	1 081
1,000 to 1,999 acres ..... farms..	–	2	2	2	8	1	–	2
acres irrigated..	–	(D)	(D)	(D)	2 026	(D)	–	(D)
2,000 acres or more ..... farms..	–	2	–	–	–	–	–	–
acres irrigated..	–	(D)	–	–	–	–	–	–
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	–	15	3	39	2	–	1	1
acres irrigated..	–	32	3	69	(D)	–	(D)	(D)
10 to 49 acres ..... farms..	1	16	14	34	5	3	–	–
acres irrigated..	(D)	104	100	185	24	28	–	–
50 to 69 acres ..... farms..	–	6	2	1	3	4	–	1
acres irrigated..	–	53	(D)	(D)	46	(D)	–	(D)
70 to 99 acres ..... farms..	–	3	6	3	4	–	–	–
acres irrigated..	–	(D)	114	(D)	115	–	–	–
100 to 139 acres ..... farms..	–	2	6	1	4	–	–	1
acres irrigated..	–	(D)	73	(D)	74	–	–	(D)
140 to 179 acres ..... farms..	–	3	2	3	5	–	–	2
acres irrigated..	–	151	(D)	231	235	–	–	(D)
180 to 219 acres ..... farms..	–	–	2	3	1	–	–	–
acres irrigated..	–	–	(D)	36	(D)	–	–	–
220 to 259 acres ..... farms..	–	2	1	–	2	–	–	–
acres irrigated..	–	(D)	(D)	–	(D)	–	–	–
260 to 499 acres ..... farms..	3	4	9	2	12	1	–	1
acres irrigated..	(D)	377	657	(D)	528	(D)	–	(D)
500 to 999 acres ..... farms..	1	6	6	–	12	–	–	9
acres irrigated..	(D)	891	1 795	–	1 337	–	–	1 313
1,000 to 1,999 acres ..... farms..	–	1	3	–	6	1	–	–
acres irrigated..	–	(D)	2 160	–	1 395	(D)	–	–
2,000 acres or more ..... farms..	–	3	–	–	1	–	–	–
acres irrigated..	–	(D)	–	–	(D)	–	–	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Farms ..... number, 1997..	5	8	323	22	4	41	45	224
1992..	1	4	297	23	2	38	38	239
Land in irrigated farms ..... acres, 1997..	569	3 108	42 204	13 669	386	15 198	3 576	148 006
1992..	(D)	1 590	41 345	12 619	(D)	12 704	3 326	148 647
Harvested cropland ..... farms, 1997..	5	8	321	22	4	41	45	223
1992..	1	4	296	23	2	38	37	239
acres, 1997..	156	1 848	28 610	9 477	252	13 781	1 916	131 254
1992..	(D)	(D)	25 286	6 245	(D)	11 772	1 946	124 700
Other cropland, excluding cropland pastured ..... farms, 1997..	3	4	112	13	–	12	19	58
1992..	1	4	138	18	–	14	19	179
acres, 1997..	(D)	784	4 311	2 069	–	156	598	1 713
1992..	(D)	396	8 082	2 708	–	287	762	9 934
Pastureland, excluding woodland pastured ..... farms, 1997..	4	1	41	3	2	4	8	49
1992..	1	2	31	8	1	4	5	47
acres, 1997..	89	(D)	1 090	381	(D)	21	199	2 165
1992..	(D)	(D)	624	765	(D)	31	107	1 703
Irrigated land ..... acres, 1997..	10	723	14 811	3 096	182	2 919	725	91 191
1992..	(D)	(D)	13 659	1 894	(D)	1 619	480	85 009
Harvested cropland ..... farms, 1997..	5	8	319	22	4	41	45	223
1992..	1	4	296	23	2	38	36	239
acres, 1997..	10	723	14 779	3 096	182	2 919	(D)	(D)
1992..	(D)	(D)	13 592	1 894	(D)	1 619	(D)	84 935
Pastureland and other land ..... farms, 1997..	–	–	8	–	–	–	1	1
1992..	–	–	5	–	–	–	2	7
acres, 1997..	–	–	32	–	–	–	(D)	(D)
1992..	–	–	67	–	–	–	(D)	74
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	–	–	69	–	1	9	9	11
acres irrigated..	–	–	(D)	–	(D)	24	14	28
10 to 49 acres ..... farms..	–	1	129	2	1	11	22	14
acres irrigated..	–	(D)	1 145	(D)	(D)	50	69	141
50 to 69 acres ..... farms..	2	2	24	–	–	4	1	9
acres irrigated..	(D)	(D)	494	–	–	32	(D)	345
70 to 99 acres ..... farms..	–	2	23	1	–	3	3	10
acres irrigated..	–	(D)	840	(D)	–	144	75	457
100 to 139 acres ..... farms..	1	–	22	4	–	4	–	5
acres irrigated..	(D)	–	808	131	–	46	–	310
140 to 179 acres ..... farms..	1	–	15	–	–	1	3	16
acres irrigated..	(D)	–	808	–	–	(D)	(D)	1 665
180 to 219 acres ..... farms..	1	–	6	–	2	–	2	13
acres irrigated..	(D)	–	556	–	(D)	–	(D)	1 707
220 to 259 acres ..... farms..	–	–	5	1	–	–	1	6
acres irrigated..	–	–	567	(D)	–	–	(D)	851
260 to 499 acres ..... farms..	–	–	15	3	–	2	3	33
acres irrigated..	–	–	1 485	260	–	(D)	(D)	6 538
500 to 999 acres ..... farms..	–	1	6	6	–	1	1	61
acres irrigated..	–	(D)	1 125	1 084	–	(D)	(D)	26 397
1,000 to 1,999 acres ..... farms..	–	2	6	4	–	3	–	32
acres irrigated..	–	(D)	2 517	697	–	(D)	–	23 689
2,000 acres or more ..... farms..	–	–	3	1	–	3	–	14
acres irrigated..	–	–	(D)	(D)	–	(D)	–	29 063
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	–	–	55	1	–	6	6	6
acres irrigated..	–	–	84	(D)	–	12	6	13
10 to 49 acres ..... farms..	–	–	115	3	1	15	20	14
acres irrigated..	–	–	1 092	12	(D)	95	45	144
50 to 69 acres ..... farms..	–	1	23	–	–	4	1	7
acres irrigated..	–	(D)	496	–	–	33	(D)	138
70 to 99 acres ..... farms..	–	–	24	–	–	1	–	6
acres irrigated..	–	–	828	–	–	(D)	–	301
100 to 139 acres ..... farms..	1	–	18	–	–	2	3	20
acres irrigated..	(D)	–	669	–	–	(D)	81	1 568
140 to 179 acres ..... farms..	–	–	22	1	–	1	4	12
acres irrigated..	–	–	1 396	(D)	–	(D)	208	1 153
180 to 219 acres ..... farms..	–	1	5	–	–	1	–	11
acres irrigated..	–	(D)	313	–	–	(D)	–	1 455
220 to 259 acres ..... farms..	–	–	5	–	–	1	1	10
acres irrigated..	–	–	275	–	–	(D)	(D)	1 164
260 to 499 acres ..... farms..	–	–	14	6	1	–	2	44
acres irrigated..	–	–	1 364	164	(D)	–	(D)	8 319
500 to 999 acres ..... farms..	–	2	10	11	–	2	1	70
acres irrigated..	–	(D)	2 100	1 477	–	(D)	(D)	27 468
1,000 to 1,999 acres ..... farms..	–	–	2	1	–	2	–	31
acres irrigated..	–	–	(D)	(D)	–	(D)	–	24 147
2,000 acres or more ..... farms..	–	–	4	–	–	3	–	8
acres irrigated..	–	–	(D)	–	–	859	–	19 139

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Farms ..... number, 1997..	35	3	19	44	188	83	69	14
1992..	31	3	17	39	193	79	64	10
Land in irrigated farms ..... acres, 1997..	10 217	428	5 610	28 408	65 853	18 617	2 993	2 848
1992..	13 149	(D)	4 411	26 051	70 401	17 503	4 124	2 839
Harvested cropland ..... farms, 1997..	31	3	19	43	187	81	67	14
1992..	31	3	17	39	192	78	62	10
acres, 1997..	6 794	(D)	3 672	25 743	49 068	15 145	1 521	2 212
1992..	9 760	(D)	3 060	22 780	45 044	12 575	2 646	1 566
Other cropland, excluding cropland pastured ..... farms, 1997..	18	2	13	16	81	29	29	3
1992..	21	2	8	25	115	40	25	7
acres, 1997..	1 785	(D)	216	582	3 402	1 353	724	12
1992..	1 897	(D)	506	1 696	11 466	1 834	871	287
Pastureland, excluding woodland pastured ..... farms, 1997..	10	2	6	12	30	20	5	4
1992..	7	1	6	11	33	10	5	5
acres, 1997..	455	(D)	189	201	1 369	397	51	(D)
1992..	355	(D)	45	309	1 534	275	67	105
Irrigated land ..... acres, 1997..	3 614	(D)	993	9 315	19 805	4 715	557	254
1992..	3 232	(D)	742	5 862	19 404	4 157	499	364
Harvested cropland ..... farms, 1997..	30	3	19	41	187	78	66	14
1992..	31	3	17	39	191	78	62	10
acres, 1997..	3 482	(D)	993	(D)	19 695	4 699	540	254
1992..	3 232	(D)	742	(D)	19 331	(D)	(D)	364
Pastureland and other land ..... farms, 1997..	7	–	–	3	8	7	5	–
1992..	–	–	–	2	10	2	2	–
acres, 1997..	132	–	–	(D)	110	16	17	–
1992..	–	–	–	(D)	73	(D)	(D)	–
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	2	–	3	7	16	11	34	1
acres irrigated..	(D)	–	3	10	36	28	58	(D)
10 to 49 acres ..... farms..	13	1	5	5	37	36	24	6
acres irrigated..	126	(D)	10	33	275	155	102	91
50 to 69 acres ..... farms..	1	–	–	5	15	6	2	1
acres irrigated..	(D)	–	–	24	191	171	(D)	(D)
70 to 99 acres ..... farms..	2	–	4	–	14	3	2	2
acres irrigated..	(D)	–	9	–	160	(D)	(D)	(D)
100 to 139 acres ..... farms..	4	1	2	3	25	8	1	1
acres irrigated..	121	(D)	(D)	(D)	1 477	258	(D)	(D)
140 to 179 acres ..... farms..	1	–	–	3	21	3	1	–
acres irrigated..	(D)	–	–	(D)	728	70	(D)	–
180 to 219 acres ..... farms..	–	–	–	–	10	–	–	–
acres irrigated..	–	–	–	–	443	–	–	–
220 to 259 acres ..... farms..	1	–	–	–	4	–	2	–
acres irrigated..	(D)	–	–	–	178	–	(D)	–
260 to 499 acres ..... farms..	3	1	1	3	16	5	1	–
acres irrigated..	(D)	(D)	(D)	227	2 163	422	(D)	–
500 to 999 acres ..... farms..	7	–	2	7	19	5	2	3
acres irrigated..	1 600	–	(D)	1 561	4 695	426	(D)	(D)
1,000 to 1,999 acres ..... farms..	–	–	2	8	7	4	–	–
acres irrigated..	–	–	(D)	2 231	2 600	1 557	–	–
2,000 acres or more ..... farms..	1	–	–	3	4	2	–	–
acres irrigated..	(D)	–	–	(D)	6 859	(D)	–	–
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	1	1	3	3	9	12	23	–
acres irrigated..	(D)	(D)	4	5	19	34	28	–
10 to 49 acres ..... farms..	4	–	4	4	41	30	30	2
acres irrigated..	79	–	12	7	258	128	159	(D)
50 to 69 acres ..... farms..	2	–	1	4	14	6	5	1
acres irrigated..	(D)	–	(D)	122	233	123	46	(D)
70 to 99 acres ..... farms..	7	1	–	3	20	4	1	–
acres irrigated..	201	(D)	–	44	386	115	(D)	–
100 to 139 acres ..... farms..	3	1	2	1	29	7	–	2
acres irrigated..	31	(D)	(D)	(D)	1 020	283	–	(D)
140 to 179 acres ..... farms..	2	–	–	2	15	1	–	–
acres irrigated..	(D)	–	–	(D)	876	(D)	–	–
180 to 219 acres ..... farms..	1	–	1	1	15	1	–	–
acres irrigated..	(D)	–	(D)	(D)	1 136	(D)	–	–
220 to 259 acres ..... farms..	2	–	–	–	4	1	–	–
acres irrigated..	(D)	–	–	–	87	(D)	–	–
260 to 499 acres ..... farms..	1	–	2	2	16	6	3	2
acres irrigated..	(D)	–	(D)	(D)	1 619	272	(D)	(D)
500 to 999 acres ..... farms..	3	–	3	8	20	8	1	3
acres irrigated..	(D)	–	527	934	4 716	1 813	(D)	350
1,000 to 1,999 acres ..... farms..	4	–	1	10	5	2	1	–
acres irrigated..	943	–	(D)	3 940	992	(D)	(D)	–
2,000 acres or more ..... farms..	1	–	–	1	5	1	–	–
acres irrigated..	(D)	–	–	(D)	8 062	(D)	–	–

Table 9. **Machinery and Equipment on Place: 1997 and 1992**

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

All farms	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment ..... farms, 1997..	46 039	207	60	1 335	411	261	324
1992..	46 489	208	58	1 468	378	247	276
$1,000, 1997..	3 055 199	10 613	2 452	99 962	18 774	11 715	28 088
1992..	2 558 206	5 582	1 836	85 546	10 246	10 823	19 125
Average per farm ..... dollars, 1997..	66 361	51 270	40 863	74 878	45 679	44 885	86 691
1992..	55 028	26 838	31 658	58 274	27 106	43 817	69 294
Farms by value group:							
$1 to $9,999 ..... 1997..	9 006	41	18	258	98	30	39
1992..	10 140	72	11	301	113	66	28
$10,000 to $19,999 ..... 1997..	8 759	39	17	255	54	81	63
1992..	10 141	68	15	360	108	50	82
$20,000 to $29,999 ..... 1997..	6 400	33	3	205	53	59	26
1992..	6 312	13	16	262	110	29	10
$30,000 to $49,999 ..... 1997..	6 291	20	3	161	107	26	26
1992..	5 888	29	6	142	11	52	19
$50,000 to $69,999 ..... 1997..	3 890	24	3	98	25	20	20
1992..	3 798	13	2	85	7	15	52
$70,000 to $99,999 ..... 1997..	3 368	23	11	107	14	7	64
1992..	2 631	8	4	84	8	–	19
$100,000 to $199,999 ..... 1997..	4 553	22	2	146	39	26	43
1992..	4 605	2	4	136	11	23	40
$200,000 to $499,999 ..... 1997..	3 116	5	3	69	21	12	38
1992..	2 610	2	–	77	9	11	25
$500,000 or more ..... 1997..	656	–	–	36	–	–	5
1992..	364	1	–	21	1	1	1
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups ..... farms, 1997..	39 295	173	52	1 203	321	232	298
1992..	40 749	165	53	1 299	317	202	222
number, 1997..	76 320	275	89	2 323	520	387	615
1992..	72 986	217	88	2 232	431	390	424
Wheel tractors ..... farms, 1997..	42 549	207	55	1 217	392	227	308
1992..	43 471	207	55	1 368	369	224	259
number, 1997..	115 020	465	149	3 135	885	455	876
1992..	130 927	461	153	4 123	773	699	789
Less than 40 horsepower (PTO) ..... farms, 1997..	24 842	102	37	679	230	146	170
1992..	25 869	157	35	830	181	156	160
number, 1997..	38 792	149	67	1 074	335	203	268
1992..	43 499	219	73	1 458	246	228	266
40 horsepower (PTO) or more ..... farms, 1997..	33 633	175	39	990	271	145	271
1992..	35 711	152	38	1 107	319	166	221
number, 1997..	76 228	316	82	2 061	550	252	608
1992..	87 428	242	80	2 665	527	471	523
40 to 99 horsepower (PTO) ..... farms, 1997..	30 648	174	38	874	259	141	250
number, 1997..	52 624	268	(D)	1 389	439	(D)	426
100 horsepower (PTO) or more ..... farms, 1997..	13 905	31	11	378	74	19	100
number, 1997..	23 604	48	(D)	672	111	(D)	182
Grain and bean combines ..... farms, 1997..	14 570	55	14	326	139	30	108
1992..	17 950	33	14	304	105	29	148
number, 1997..	17 075	59	17	357	157	33	130
1992..	21 018	33	15	329	116	29	181
Cotton pickers and strippers ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
number, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997..	17 162	128	34	489	199	102	116
1992..	18 276	128	39	503	226	109	107
number, 1997..	18 578	134	44	529	209	126	119
1992..	19 920	129	46	542	232	122	111
Pickup balers ..... farms, 1997..	16 864	132	31	462	176	76	122
1992..	19 503	123	42	537	237	92	122
number, 1997..	20 995	187	47	523	233	123	167
1992..	23 453	161	54	608	296	135	158
1997 INVENTORY							
Manufactured 1993 to 1997:							
Motortrucks, including pickups ..... farms..	13 018	40	15	394	142	90	95
number..	15 729	41	17	448	170	99	126
Wheel tractors ..... farms..	6 010	35	4	128	65	44	68
number..	9 273	51	9	229	89	54	127
Less than 40 horsepower (PTO) ..... farms..	2 224	18	1	60	22	22	15
number..	2 620	21	(D)	77	22	22	15
40 horsepower (PTO) or more ..... farms..	4 376	23	4	81	45	23	54
number..	6 653	30	(D)	152	67	32	112
40 to 99 horsepower (PTO) ..... farms..	2 993	21	4	38	38	22	45
number..	3 708	25	(D)	51	59	(D)	75
100 horsepower (PTO) or more ..... farms..	1 903	3	2	56	8	1	17
number..	2 945	5	(D)	101	8	(D)	37
Grain and bean combines ..... farms..	1 088	–	–	26	1	1	11
number..	1 175	–	–	33	(D)	(D)	11
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	2 321	16	–	55	10	22	38
number..	2 414	16	–	56	10	22	38
Pickup balers ..... farms..	2 065	25	3	11	23	16	25
number..	2 233	25	3	11	30	16	25
Manufactured prior to 1993:							
Motortrucks, including pickups ..... farms..	32 940	156	43	1 015	232	194	251
number..	60 591	234	72	1 875	350	288	489
Wheel tractors ..... farms..	40 497	204	53	1 187	379	191	281
number..	105 747	414	140	2 906	796	401	749
Less than 40 horsepower (PTO) ..... farms..	23 277	95	36	635	217	127	162
number..	36 172	128	(D)	997	313	181	253
40 horsepower (PTO) or more ..... farms..	31 949	175	37	966	269	127	232
number..	69 575	286	(D)	1 909	483	220	496
Grain and bean combines ..... farms..	13 657	55	14	302	138	29	100
number..	15 900	59	17	324	(D)	(D)	119
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	15 084	117	34	445	190	80	78
number..	16 164	118	44	473	199	104	81
Pickup balers ..... farms..	15 621	127	31	453	168	74	117
number..	18 762	162	44	512	203	107	142

Table 9. **Machinery and Equipment on Place: 1997 and 1992**

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

All farms	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment ..... farms, 1997..	53	881	730	140	1 183	980	1 085
1992..	57	825	794	120	1 308	920	1 081
$1,000, 1997..	2 295	39 889	65 003	5 783	74 041	61 333	57 721
1992..	2 039	35 252	67 064	5 356	60 263	59 328	48 124
Average per farm ..... dollars, 1997..	43 304	45 277	89 046	41 306	62 587	62 585	53 199
1992..	35 775	42 730	84 464	44 636	46 073	64 487	44 518
Farms by value group:							
$1 to $9,999 ..... 1997..	15	266	126	24	209	270	311
1992..	8	199	94	32	277	169	292
$10,000 to $19,999 ..... 1997..	7	183	77	40	271	175	194
1992..	9	255	142	19	328	220	202
$20,000 to $29,999 ..... 1997..	9	91	77	14	126	154	112
1992..	9	103	108	19	183	54	160
$30,000 to $49,999 ..... 1997..	10	157	113	30	157	61	158
1992..	17	90	118	10	158	146	150
$50,000 to $69,999 ..... 1997..	3	44	116	9	147	64	47
1992..	10	60	65	19	123	112	82
$70,000 to $99,999 ..... 1997..	1	74	33	5	67	61	89
1992..	3	22	45	8	91	63	59
$100,000 to $199,999 ..... 1997..	4	25	91	13	126	98	116
1992..	–	54	117	10	89	74	97
$200,000 to $499,999 ..... 1997..	4	33	82	5	67	86	42
1992..	1	40	95	3	50	71	35
$500,000 or more ..... 1997..	–	8	15	–	13	11	16
1992..	–	2	10	–	9	11	4
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups ..... farms, 1997..	49	705	624	121	1 007	804	901
1992..	50	732	697	100	1 165	834	967
number, 1997..	72	1 122	1 592	230	2 116	1 455	1 679
1992..	79	1 184	1 670	186	2 133	1 392	1 463
Wheel tractors ..... farms, 1997..	47	779	710	129	1 132	891	1 024
1992..	53	773	731	115	1 225	869	986
number, 1997..	118	1 840	2 282	275	3 275	2 413	2 628
1992..	123	2 107	2 634	334	4 344	2 457	2 863
Less than 40 horsepower (PTO) ..... farms, 1997..	26	392	492	76	744	480	509
1992..	35	383	462	77	917	430	553
number, 1997..	37	553	734	122	1 536	695	853
1992..	52	632	874	127	1 987	742	882
40 horsepower (PTO) or more ..... farms, 1997..	38	639	592	90	838	736	864
1992..	35	657	645	93	872	769	884
number, 1997..	81	1 287	1 548	153	1 739	1 718	1 775
1992..	71	1 475	1 760	207	2 357	1 715	1 981
40 to 99 horsepower (PTO) ..... farms, 1997..	36	575	540	83	792	650	796
number, 1997..	(D)	960	953	135	1 370	1 179	1 326
100 horsepower (PTO) or more ..... farms, 1997..	9	208	318	15	262	318	312
number, 1997..	(D)	327	595	18	369	539	449
Grain and bean combines ..... farms, 1997..	21	186	381	24	225	397	325
1992..	16	247	456	12	292	447	445
number, 1997..	24	207	510	25	260	473	353
1992..	16	255	584	12	360	523	455
Cotton pickers and strippers ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
number, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997..	30	357	156	38	222	321	431
1992..	35	455	126	20	267	302	543
number, 1997..	38	403	172	42	237	342	471
1992..	40	485	134	20	317	313	627
Pickup balers ..... farms, 1997..	34	332	135	30	192	333	390
1992..	36	467	130	26	251	352	541
number, 1997..	49	432	161	35	227	382	438
1992..	53	594	145	26	298	392	612
1997 INVENTORY							
Manufactured 1993 to 1997:							
Motortrucks, including pickups ..... farms..	14	254	189	20	328	253	289
number..	14	275	242	23	464	281	321
Wheel tractors ..... farms..	5	53	107	19	145	57	119
number..	9	106	164	19	283	84	172
Less than 40 horsepower (PTO) ..... farms..	2	11	33	6	62	14	43
number..	(D)	11	35	6	121	14	43
40 horsepower (PTO) or more ..... farms..	4	49	91	13	104	54	83
number..	(D)	95	129	13	162	70	129
40 to 99 horsepower (PTO) ..... farms..	4	25	41	13	92	39	70
number..	(D)	43	64	13	128	41	91
100 horsepower (PTO) or more ..... farms..	1	31	54	–	18	17	29
number..	(D)	52	65	–	34	29	38
Grain and bean combines ..... farms..	–	12	41	–	26	43	27
number..	–	14	46	–	28	45	27
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	3	54	8	–	33	35	65
number..	3	61	9	–	33	35	74
Pickup balers ..... farms..	7	31	18	–	19	20	40
number..	9	31	19	–	19	21	40
Manufactured prior to 1993:							
Motortrucks, including pickups ..... farms..	41	575	578	113	871	688	729
number..	58	847	1 350	207	1 652	1 174	1 358
Wheel tractors ..... farms..	45	769	692	115	1 082	855	979
number..	109	1 734	2 118	256	2 992	2 329	2 456
Less than 40 horsepower (PTO) ..... farms..	24	382	472	70	703	467	472
number..	(D)	542	699	116	1 415	681	810
40 horsepower (PTO) or more ..... farms..	37	625	571	82	786	701	827
number..	(D)	1 192	1 419	140	1 577	1 648	1 646
Grain and bean combines ..... farms..	21	174	350	24	210	363	298
number..	24	193	464	25	232	428	326
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	28	313	149	38	192	286	372
number..	35	342	163	42	204	307	397
Pickup balers ..... farms..	31	323	117	30	190	323	359
number..	40	401	142	35	208	361	398

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—Con.

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

All farms	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment ..... farms, 1997..	700	187	209	319	350	1 126	27
1992..	728	195	170	333	292	1 207	17
$1,000, 1997..	53 136	6 245	8 962	12 904	10 732	79 218	670
1992..	46 452	6 447	6 501	14 070	7 633	60 652	366
Average per farm ..... dollars, 1997..	75 908	33 398	42 882	40 451	30 662	70 353	24 804
1992..	63 807	33 060	38 240	42 253	26 141	50 250	21 522
Farms by value group:							
$1 to $9,999 ..... 1997..	141	55	38	36	108	135	8
1992..	168	47	52	72	107	205	3
$10,000 to $19,999 ..... 1997..	92	57	49	55	67	200	3
1992..	106	33	34	51	108	280	3
$20,000 to $29,999 ..... 1997..	135	17	36	80	72	133	6
1992..	77	48	33	71	15	195	6
$30,000 to $49,999 ..... 1997..	71	21	40	72	33	202	5
1992..	101	22	13	48	28	167	4
$50,000 to $69,999 ..... 1997..	64	16	10	32	14	177	5
1992..	88	15	6	10	17	67	1
$70,000 to $99,999 ..... 1997..	26	13	9	8	30	54	–
1992..	33	15	10	25	5	119	–
$100,000 to $199,999 ..... 1997..	97	4	19	33	23	129	–
1992..	106	14	17	56	6	115	–
$200,000 to $499,999 ..... 1997..	64	3	8	3	3	72	–
1992..	39	1	5	–	5	55	–
$500,000 or more ..... 1997..	10	1	–	–	–	24	–
1992..	10	–	–	–	1	4	–
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups ..... farms, 1997..	574	149	182	272	236	1 016	26
1992..	627	163	154	276	220	1 095	17
number, 1997..	1 147	263	300	402	386	1 776	50
1992..	1 169	231	246	417	265	1 740	(D)
Wheel tractors ..... farms, 1997..	654	166	185	306	280	1 023	25
1992..	677	177	164	331	242	1 151	15
number, 1997..	1 560	415	458	762	679	2 776	39
1992..	2 032	425	379	814	598	3 249	33
Less than 40 horsepower (PTO) ..... farms, 1997..	403	118	113	197	174	521	19
1992..	374	125	87	241	145	589	12
number, 1997..	571	178	174	333	290	727	22
1992..	616	223	137	373	259	879	17
40 horsepower (PTO) or more ..... farms, 1997..	492	112	137	224	183	922	12
1992..	562	106	133	233	139	987	10
number, 1997..	989	237	284	429	389	2 049	17
1992..	1 416	202	242	441	339	2 370	16
40 to 99 horsepower (PTO) ..... farms, 1997..	460	107	135	208	183	819	12
number, 1997..	716	185	229	(D)	303	1 379	(D)
100 horsepower (PTO) or more ..... farms, 1997..	166	38	37	53	45	422	2
number, 1997..	273	52	55	(D)	86	670	(D)
Grain and bean combines ..... farms, 1997..	225	30	30	100	46	495	2
1992..	296	31	57	168	68	531	6
number, 1997..	247	30	32	111	50	571	(D)
1992..	328	33	67	172	74	578	6
Cotton pickers and strippers ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
number, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997..	262	96	112	207	155	397	8
1992..	320	104	95	232	188	506	6
number, 1997..	269	108	118	238	166	420	9
1992..	346	142	104	286	201	536	(D)
Pickup balers ..... farms, 1997..	266	94	109	232	177	393	12
1992..	327	97	105	244	181	490	10
number, 1997..	331	122	147	316	220	439	13
1992..	401	130	139	364	219	547	11
1997 INVENTORY							
Manufactured 1993 to 1997:							
Motortrucks, including pickups ..... farms..	166	60	75	114	87	349	7
number..	193	67	81	121	89	373	9
Wheel tractors ..... farms..	63	22	25	69	28	122	6
number..	86	68	27	88	60	199	7
Less than 40 horsepower (PTO) ..... farms..	3	19	10	37	4	39	6
number..	3	41	10	37	5	47	(D)
40 horsepower (PTO) or more ..... farms..	62	14	15	49	27	106	1
number..	83	27	17	51	55	152	(D)
40 to 99 horsepower (PTO) ..... farms..	49	14	8	49	27	87	1
number..	58	20	8	(D)	47	96	(D)
100 horsepower (PTO) or more ..... farms..	18	7	8	2	4	41	–
number..	25	7	9	(D)	8	56	–
Grain and bean combines ..... farms..	26	2	–	–	3	39	–
number..	29	(D)	–	–	6	40	–
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	12	8	12	21	21	47	1
number..	12	8	12	21	21	50	(D)
Pickup balers ..... farms..	61	11	17	32	32	26	1
number..	69	11	21	32	32	27	(D)
Manufactured prior to 1993:							
Motortrucks, including pickups ..... farms..	479	112	140	185	169	817	26
number..	954	196	219	281	297	1 403	41
Wheel tractors ..... farms..	616	158	182	277	269	1 002	19
number..	1 474	347	431	674	619	2 577	32
Less than 40 horsepower (PTO) ..... farms..	401	101	111	161	171	492	13
number..	568	137	164	296	285	680	(D)
40 horsepower (PTO) or more ..... farms..	454	110	134	191	162	891	11
number..	906	210	267	378	334	1 897	(D)
Grain and bean combines ..... farms..	200	28	30	100	43	459	2
number..	218	(D)	32	111	44	531	(D)
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	250	88	105	193	137	354	8
number..	257	100	106	217	145	370	(D)
Pickup balers ..... farms..	219	86	96	232	156	374	11
number..	262	111	126	284	188	412	(D)

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—Con.

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

All farms	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment ..... farms, 1997..	251	116	1 061	207	798	424	48
1992..	236	98	1 069	188	798	400	50
$1,000, 1997..	11 679	5 802	57 983	9 080	41 243	13 327	1 328
1992..	9 868	7 134	53 384	6 199	33 066	9 158	1 269
Average per farm ..... dollars, 1997..	46 530	50 021	54 650	43 863	51 684	31 431	27 670
1992..	41 812	72 797	49 938	32 974	41 436	22 896	25 382
Farms by value group:							
$1 to $9,999 ..... 1997..	37	25	261	31	178	88	18
1992..	29	21	238	55	239	126	12
$10,000 to $19,999 ..... 1997..	37	32	237	42	150	95	12
1992..	92	18	262	30	157	128	16
$20,000 to $29,999 ..... 1997..	50	13	175	40	117	81	3
1992..	22	3	151	16	137	71	5
$30,000 to $49,999 ..... 1997..	34	18	111	34	145	93	9
1992..	22	16	158	50	69	30	10
$50,000 to $69,999 ..... 1997..	41	6	83	14	25	29	2
1992..	32	10	57	28	36	33	3
$70,000 to $99,999 ..... 1997..	20	7	45	17	94	21	–
1992..	12	6	22	1	75	4	2
$100,000 to $199,999 ..... 1997..	27	7	82	24	45	13	4
1992..	20	11	115	5	60	4	2
$200,000 to $499,999 ..... 1997..	5	7	48	5	38	3	–
1992..	7	12	61	3	18	4	–
$500,000 or more ..... 1997..	–	1	19	–	6	1	–
1992..	–	1	5	–	7	–	–
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups ..... farms, 1997..	236	96	881	173	672	305	39
1992..	205	86	958	153	702	334	43
number, 1997..	407	217	1 689	306	1 125	473	55
1992..	314	223	1 570	285	1 197	447	61
Wheel tractors ..... farms, 1997..	232	105	955	195	754	386	45
1992..	231	95	990	181	755	366	48
number, 1997..	656	276	2 304	424	1 801	778	88
1992..	631	297	2 880	409	1 963	886	108
Less than 40 horsepower (PTO) ..... farms, 1997..	156	66	503	97	542	176	32
1992..	125	49	510	115	570	245	33
number, 1997..	268	114	730	144	726	237	50
1992..	218	85	781	167	768	381	58
40 horsepower (PTO) or more ..... farms, 1997..	177	79	721	154	537	320	28
1992..	204	84	864	125	594	304	29
number, 1997..	388	162	1 574	280	1 075	541	38
1992..	413	212	2 099	242	1 195	505	50
40 to 99 horsepower (PTO) ..... farms, 1997..	171	75	635	151	486	285	27
number, 1997..	334	(D)	991	249	700	439	(D)
100 horsepower (PTO) or more ..... farms, 1997..	39	31	335	21	181	90	3
number, 1997..	54	(D)	583	31	375	102	(D)
Grain and bean combines ..... farms, 1997..	86	23	360	56	197	62	3
1992..	82	20	465	88	279	98	10
number, 1997..	98	25	448	61	251	70	3
1992..	86	20	534	105	315	119	10
Cotton pickers and strippers ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
number, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997..	162	53	373	114	249	233	26
1992..	159	64	432	102	306	207	26
number, 1997..	186	57	413	117	269	256	26
1992..	173	69	466	103	327	226	30
Pickup balers ..... farms, 1997..	174	54	394	115	254	243	30
1992..	167	65	486	124	325	265	35
number, 1997..	236	75	440	148	292	303	31
1992..	235	77	569	150	343	315	38
1997 INVENTORY							
Manufactured 1993 to 1997:							
Motortrucks, including pickups ..... farms..	67	24	233	37	240	70	11
number..	67	25	322	37	259	73	11
Wheel tractors ..... farms..	27	11	82	30	118	57	2
number..	27	11	116	35	139	71	(D)
Less than 40 horsepower (PTO) ..... farms..	9	5	48	13	58	9	–
number..	9	5	53	13	70	9	–
40 horsepower (PTO) or more ..... farms..	18	6	41	20	64	48	2
number..	18	6	63	22	69	62	(D)
40 to 99 horsepower (PTO) ..... farms..	13	2	20	20	40	32	2
number..	13	(D)	26	22	40	43	(D)
100 horsepower (PTO) or more ..... farms..	5	4	25	–	27	17	–
number..	5	(D)	37	–	29	19	–
Grain and bean combines ..... farms..	5	–	41	–	15	3	–
number..	5	–	45	–	15	4	–
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	11	4	38	13	24	17	–
number..	11	4	38	13	24	33	–
Pickup balers ..... farms..	26	4	36	26	15	31	2
number..	26	5	43	26	15	47	(D)
Manufactured prior to 1993:							
Motortrucks, including pickups ..... farms..	199	84	769	152	549	266	32
number..	340	192	1 367	269	866	400	44
Wheel tractors ..... farms..	220	104	945	173	696	353	43
number..	629	265	2 188	389	1 662	707	(D)
Less than 40 horsepower (PTO) ..... farms..	147	64	476	84	499	174	32
number..	259	109	677	131	656	228	50
40 horsepower (PTO) or more ..... farms..	169	79	713	138	503	289	26
number..	370	156	1 511	258	1 006	479	(D)
Grain and bean combines ..... farms..	86	23	323	56	186	59	3
number..	93	25	403	61	236	66	3
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	151	49	349	101	225	216	26
number..	175	53	375	104	245	223	26
Pickup balers ..... farms..	161	51	368	103	247	221	29
number..	210	70	397	122	277	256	(D)

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—Con.

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

All farms	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997	415	873	1 234	128	1 184	826	1 006	237
1992	403	914	1 018	138	1 323	837	1 006	207
$1,000, 1997	17 411	78 469	57 487	4 379	137 785	58 484	65 529	10 006
1992	16 981	62 032	49 707	3 538	130 606	48 054	63 547	9 349
Average per farm ..... dollars, 1997	41 953	89 884	46 586	34 213	116 372	70 804	65 138	42 219
1992	42 136	67 868	48 829	25 637	98 719	57 412	63 168	45 165
Farms by value group:								
$1 to $9,999 1997	112	181	338	14	137	118	218	43
1992	89	189	171	45	141	212	159	36
$10,000 to $19,999 1997	112	193	331	31	136	176	219	63
1992	110	174	246	51	176	156	182	59
$20,000 to $29,999 1997	36	143	181	30	169	117	142	47
1992	48	40	181	8	99	90	163	62
$30,000 to $49,999 1997	33	62	88	32	124	125	117	25
1992	75	187	140	13	161	130	160	13
$50,000 to $69,999 1997	33	8	34	5	76	122	45	17
1992	17	79	84	12	124	85	115	–
$70,000 to $99,999 1997	35	72	100	11	112	21	95	11
1992	12	27	80	–	123	48	48	1
$100,000 to $199,999 1997	49	80	86	4	204	84	61	23
1992	43	116	54	7	319	57	103	17
$200,000 to $499,999 1997	4	101	71	1	186	53	101	7
1992	7	90	60	2	162	51	68	19
$500,000 or more 1997	1	33	5	–	40	10	8	1
1992	2	12	2	–	18	8	8	–
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997	364	736	955	110	1 034	658	855	187
1992	316	800	934	114	1 206	701	934	183
number, 1997	597	1 745	1 682	198	2 588	1 198	1 505	331
1992	561	1 737	1 496	190	2 716	1 259	1 604	263
Wheel tractors ..... farms, 1997	390	821	1 108	128	1 089	811	976	222
1992	335	830	948	131	1 299	800	953	184
number, 1997	913	2 329	2 522	317	3 924	2 044	2 663	513
1992	997	2 454	2 589	298	5 094	2 407	3 145	753
Less than 40 horsepower (PTO) ..... farms, 1997	267	381	500	85	590	451	597	115
1992	209	325	444	95	711	452	538	132
number, 1997	449	561	711	139	884	575	893	195
1992	422	434	613	174	1 223	846	895	297
40 horsepower (PTO) or more ..... farms, 1997	232	709	884	100	999	629	738	174
1992	224	756	824	72	1 192	636	871	156
number, 1997	464	1 768	1 811	178	3 040	1 469	1 770	318
1992	575	2 020	1 976	124	3 871	1 561	2 250	456
40 to 99 horsepower (PTO) ..... farms, 1997	232	620	800	93	887	590	661	164
number, 1997	408	1 001	1 234	147	1 781	918	1 204	240
100 horsepower (PTO) or more ..... farms, 1997	31	381	371	28	618	349	337	56
number, 1997	56	767	577	31	1 259	551	566	78
Grain and bean combines ..... farms, 1997	69	387	375	40	661	269	368	63
1992	57	565	472	40	956	310	424	91
number, 1997	78	489	428	40	862	324	405	67
1992	61	695	552	45	1 171	333	495	106
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	132	160	329	69	371	292	355	127
1992	130	184	350	75	504	393	466	128
number, 1997	154	164	349	83	396	300	378	138
1992	158	189	370	79	522	411	489	128
Pickup balers ..... farms, 1997	126	184	313	72	423	273	404	130
1992	132	288	378	89	503	428	524	110
number, 1997	159	217	377	94	467	340	490	194
1992	162	308	409	106	530	506	651	156
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms	106	258	252	32	339	220	239	66
number	132	325	277	33	394	288	276	77
Wheel tractors ..... farms	49	98	109	8	169	118	118	26
number	63	162	134	10	283	196	215	42
Less than 40 horsepower (PTO) ..... farms	21	19	43	4	20	46	53	10
number	21	19	43	6	20	48	61	18
40 horsepower (PTO) or more ..... farms	31	85	67	4	162	92	90	20
number	42	143	91	4	263	148	154	24
40 to 99 horsepower (PTO) ..... farms	30	26	41	4	50	61	66	10
number	34	35	53	4	70	65	92	10
100 horsepower (PTO) or more ..... farms	7	71	29	–	132	64	43	10
number	8	108	38	–	193	83	62	14
Grain and bean combines ..... farms	1	49	14	–	41	26	31	1
number	(D)	59	15	–	45	29	37	(D)
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	23	27	50	9	26	40	35	8
number	23	28	51	10	26	43	36	8
Pickup balers ..... farms	27	16	31	5	38	30	30	4
number	33	16	32	6	38	33	30	4
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms	301	651	811	100	916	540	739	148
number	465	1 420	1 405	165	2 194	910	1 229	254
Wheel tractors ..... farms	381	817	1 069	126	1 062	751	930	209
number	850	2 167	2 388	307	3 641	1 848	2 448	471
Less than 40 horsepower (PTO) ..... farms	255	377	485	83	573	413	560	105
number	428	542	668	133	864	527	832	177
40 horsepower (PTO) or more ..... farms	230	703	859	100	978	577	699	166
number	422	1 625	1 720	174	2 777	1 321	1 616	294
Grain and bean combines ..... farms	68	345	362	40	638	244	340	62
number	(D)	430	413	40	817	295	368	(D)
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	110	134	281	66	347	255	321	120
number	131	136	298	73	370	257	342	130
Pickup balers ..... farms	114	169	283	71	386	257	387	130
number	126	201	345	88	429	307	460	190

USDA, National Agricultural Statistics Service

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—Con.

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

All farms	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997..	86	912	988	696	139	1 136	5	125
1992..	75	883	1 040	736	79	1 189	3	102
$1,000, 1997..	3 391	49 952	49 917	51 516	5 519	84 279	89	5 469
1992..	2 844	46 907	46 187	43 359	2 654	70 464	25	3 354
Average per farm ..... dollars, 1997..	39 426	54 772	50 523	74 017	39 702	74 189	17 825	43 749
1992..	37 914	53 122	44 411	58 911	33 598	59 263	8 183	32 887
Farms by value group:								
$1 to $9,999 ..... 1997..	16	198	188	161	36	249	2	46
1992..	15	186	295	195	20	299	2	34
$10,000 to $19,999 ..... 1997..	31	191	241	94	22	237	–	13
1992..	17	171	309	128	25	229	1	14
$20,000 to $29,999 ..... 1997..	12	101	141	116	31	106	2	13
1992..	13	71	53	101	12	176	–	19
$30,000 to $49,999 ..... 1997..	9	108	132	33	14	182	1	14
1992..	15	147	108	84	8	130	–	17
$50,000 to $69,999 ..... 1997..	8	88	103	111	22	73	–	10
1992..	8	56	102	56	1	111	–	10
$70,000 to $99,999 ..... 1997..	1	56	45	46	6	96	–	17
1992..	1	45	45	42	5	69	–	2
$100,000 to $199,999 ..... 1997..	3	120	93	75	5	106	–	9
1992..	2	173	70	75	7	100	–	4
$200,000 to $499,999 ..... 1997..	6	45	38	49	1	61	–	3
1992..	4	31	52	49	1	60	–	2
$500,000 or more ..... 1997..	–	5	7	11	2	26	–	–
1992..	–	3	6	6	–	15	–	–
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997..	74	776	889	653	120	1 004	4	107
1992..	70	751	858	636	66	1 038	2	85
number, 1997..	139	1 406	1 523	1 170	214	1 891	5	167
1992..	128	1 199	1 480	1 182	98	1 944	(D)	135
Wheel tractors ..... farms, 1997..	78	846	901	640	124	1 018	5	117
1992..	71	836	987	649	75	1 111	3	88
number, 1997..	201	2 296	2 113	1 708	282	2 839	6	227
1992..	208	2 234	3 015	1 791	237	3 515	(D)	220
Less than 40 horsepower (PTO) ..... farms, 1997..	62	392	472	405	84	724	3	55
1992..	52	431	613	427	58	710	1	58
number, 1997..	91	591	675	642	125	1 110	(D)	74
1992..	93	706	1 089	630	106	1 205	(D)	73
40 horsepower (PTO) or more ..... farms, 1997..	55	758	708	462	92	694	2	95
1992..	51	675	806	511	57	911	2	75
number, 1997..	110	1 705	1 438	1 066	157	1 729	(D)	153
1992..	115	1 528	1 926	1 161	131	2 310	(D)	147
40 to 99 horsepower (PTO) ..... farms, 1997..	53	661	619	398	90	651	2	81
number, 1997..	(D)	1 075	973	630	(D)	1 281	(D)	128
100 horsepower (PTO) or more ..... farms, 1997..	11	390	307	278	20	229	–	23
number, 1997..	(D)	630	465	436	(D)	448	–	25
Grain and bean combines ..... farms, 1997..	21	331	278	211	14	231	–	17
1992..	25	303	440	226	18	298	–	33
number, 1997..	25	418	330	232	14	259	–	17
1992..	28	369	473	297	19	319	–	36
Cotton pickers and strippers ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
number, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997..	45	418	387	178	43	377	4	56
1992..	42	442	451	237	45	532	2	49
number, 1997..	55	443	430	182	44	397	4	69
1992..	48	515	482	256	47	613	(D)	50
Pickup balers ..... farms, 1997..	47	404	405	187	47	396	4	45
1992..	49	438	453	259	41	503	3	52
number, 1997..	66	516	491	230	56	490	4	62
1992..	63	597	551	295	47	578	3	71
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms..	21	184	260	277	49	329	–	31
number..	22	231	312	363	62	449	–	31
Wheel tractors ..... farms..	5	78	112	67	22	204	–	23
number..	9	115	156	102	32	325	–	23
Less than 40 horsepower (PTO) ..... farms..	3	33	61	17	11	111	–	6
number..	4	33	75	19	11	123	–	6
40 horsepower (PTO) or more ..... farms..	3	57	58	53	13	117	–	17
number..	5	82	81	83	21	202	–	17
40 to 99 horsepower (PTO) ..... farms..	2	35	40	24	11	94	–	12
number..	(D)	38	56	26	(D)	123	–	12
100 horsepower (PTO) or more ..... farms..	2	32	20	40	2	35	–	5
number..	(D)	44	25	57	(D)	79	–	5
Grain and bean combines ..... farms..	1	19	12	26	–	17	–	–
number..	(D)	19	12	26	–	18	–	–
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	6	105	27	36	1	75	–	13
number..	6	105	28	36	(D)	75	–	13
Pickup balers ..... farms..	5	84	37	21	8	49	–	9
number..	5	86	39	21	8	55	–	9
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms..	65	691	753	527	92	832	4	86
number..	117	1 175	1 211	807	152	1 442	5	136
Wheel tractors ..... farms..	75	820	860	621	111	959	5	103
number..	192	2 181	1 957	1 606	250	2 514	6	204
Less than 40 horsepower (PTO) ..... farms..	60	371	413	400	75	673	3	49
number..	87	558	600	623	114	987	(D)	68
40 horsepower (PTO) or more ..... farms..	52	741	700	444	81	645	2	82
number..	105	1 623	1 357	983	136	1 527	(D)	136
Grain and bean combines ..... farms..	20	312	270	186	14	216	–	17
number..	(D)	399	318	206	14	241	–	17
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	41	315	374	145	42	305	4	49
number..	49	338	402	146	(D)	322	4	56
Pickup balers ..... farms..	45	356	390	181	40	362	4	41
number..	61	430	452	209	48	435	4	53

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—Con.

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

All farms	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997..	1 023	371	1 316	635	31	72	521	286
1992..	1 120	374	1 260	682	31	70	556	251
$1,000, 1997..	67 222	26 052	94 162	44 836	1 633	2 451	31 842	13 400
1992..	55 546	20 671	78 041	27 567	1 348	3 037	29 683	10 737
Average per farm ..... dollars, 1997..	65 710	70 220	71 551	70 608	52 670	34 037	61 118	46 852
1992..	49 595	55 269	61 937	40 420	43 496	43 383	53 387	42 778
Farms by value group:								
$1 to $9,999 ..... 1997..	187	42	288	107	8	8	61	53
1992..	335	97	203	226	9	17	105	69
$10,000 to $19,999 ..... 1997..	172	38	171	68	5	14	110	50
1992..	205	23	268	141	6	7	100	42
$20,000 to $29,999 ..... 1997..	162	55	162	89	5	11	72	76
1992..	176	51	192	87	2	9	73	31
$30,000 to $49,999 ..... 1997..	192	47	233	135	2	21	79	44
1992..	134	65	149	100	6	16	79	33
$50,000 to $69,999 ..... 1997..	67	28	69	75	2	15	61	15
1992..	45	35	104	43	3	6	30	37
$70,000 to $99,999 ..... 1997..	63	69	156	45	4	1	49	15
1992..	59	39	88	14	2	6	69	16
$100,000 to $199,999 ..... 1997..	74	65	131	83	3	1	65	18
1992..	92	46	148	31	1	9	72	15
$200,000 to $499,999 ..... 1997..	87	23	86	30	2	1	22	15
1992..	63	17	102	38	2	–	27	7
$500,000 or more ..... 1997..	19	4	20	3	–	–	2	–
1992..	11	1	6	2	–	–	1	1
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997..	919	332	1 188	525	29	60	476	254
1992..	997	361	1 182	571	28	61	473	233
number, 1997..	1 539	696	2 699	951	51	82	839	539
1992..	1 628	608	2 339	918	51	93	901	410
Wheel tractors ..... farms, 1997..	936	326	1 209	593	26	63	489	254
1992..	1 092	364	1 154	630	28	66	535	237
number, 1997..	2 592	810	3 362	1 573	65	182	1 216	643
1992..	3 147	1 161	3 485	1 782	78	189	1 900	535
Less than 40 horsepower (PTO) ..... farms, 1997..	579	218	668	410	14	40	299	181
1992..	642	224	634	416	22	46	323	137
number, 1997..	894	362	933	583	26	68	519	311
1992..	1 029	377	1 002	699	39	65	716	190
40 horsepower (PTO) or more ..... farms, 1997..	779	208	997	446	21	54	346	151
1992..	897	265	998	453	16	51	417	172
number, 1997..	1 698	448	2 429	990	39	114	697	332
1992..	2 118	784	2 483	1 083	39	124	1 184	345
40 to 99 horsepower (PTO) ..... farms, 1997..	706	208	862	421	19	52	327	149
number, 1997..	1 215	(D)	1 403	710	(D)	93	513	281
100 horsepower (PTO) or more ..... farms, 1997..	314	2	627	152	5	14	133	35
number, 1997..	483	(D)	1 026	280	(D)	21	184	51
Grain and bean combines ..... farms, 1997..	312	23	601	191	5	25	126	28
1992..	379	22	679	195	5	30	215	48
number, 1997..	350	23	661	210	(D)	27	160	33
1992..	417	32	734	270	6	35	268	54
Cotton pickers and strippers ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
number, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997..	523	103	311	328	11	39	197	108
1992..	614	137	319	347	13	39	134	103
number, 1997..	582	117	332	340	14	49	215	117
1992..	701	173	354	371	18	46	165	109
Pickup balers ..... farms, 1997..	511	55	251	291	13	46	152	118
1992..	652	85	366	355	16	47	153	118
number, 1997..	709	56	299	389	23	68	182	160
1992..	824	86	433	486	23	64	169	132
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms..	307	52	340	226	12	24	205	69
number..	371	63	397	257	13	24	249	70
Wheel tractors ..... farms..	200	74	163	111	7	16	165	43
number..	256	77	220	168	16	25	208	57
Less than 40 horsepower (PTO) ..... farms..	56	8	61	51	5	8	77	15
number..	61	8	62	65	9	11	97	20
40 horsepower (PTO) or more ..... farms..	154	66	113	82	4	9	105	29
number..	195	69	158	103	7	14	111	37
40 to 99 horsepower (PTO) ..... farms..	142	65	53	60	3	7	95	24
number..	163	(D)	64	68	(D)	9	99	26
100 horsepower (PTO) or more ..... farms..	25	1	69	24	2	3	12	11
number..	32	(D)	94	35	(D)	5	12	11
Grain and bean combines ..... farms..	12	–	78	21	1	1	9	–
number..	12	–	80	23	(D)	(D)	9	–
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	35	2	47	36	5	6	33	9
number..	35	(D)	47	36	5	6	43	9
Pickup balers ..... farms..	24	7	27	36	5	3	17	13
number..	26	7	33	37	5	4	17	13
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms..	758	319	1 069	399	23	43	352	224
number..	1 168	633	2 302	694	38	58	590	469
Wheel tractors ..... farms..	876	317	1 172	526	22	59	439	240
number..	2 336	733	3 142	1 405	49	157	1 008	586
Less than 40 horsepower (PTO) ..... farms..	543	210	630	367	11	37	253	166
number..	833	354	871	518	17	57	422	291
40 horsepower (PTO) or more ..... farms..	720	206	965	399	18	49	295	141
number..	1 503	379	2 271	887	32	100	586	295
Grain and bean combines ..... farms..	304	23	528	170	4	24	118	28
number..	338	23	581	187	(D)	(D)	151	33
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	490	103	264	293	9	35	164	99
number..	547	(D)	285	304	9	43	172	108
Pickup balers ..... farms..	501	49	233	265	12	44	135	105
number..	683	49	266	352	18	64	165	147

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—Con.

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

All farms	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997..	108	414	597	348	418	336	1 059	956
1992..	81	401	594	301	442	290	1 133	899
$1,000, 1997..	3 998	20 499	29 620	20 783	26 786	26 810	81 083	72 197
1992..	2 048	17 486	23 525	15 540	18 529	16 798	64 375	57 481
Average per farm ..... dollars, 1997..	37 017	49 514	49 615	59 720	64 081	79 790	76 566	75 520
1992..	25 284	43 607	39 604	51 629	41 920	57 924	56 818	63 939
Farms by value group:								
$1 to $9,999 ..... 1997..	18	82	162	60	51	56	164	208
1992..	38	85	188	49	132	102	161	190
$10,000 to $19,999 ..... 1997..	31	66	80	69	51	60	142	219
1992..	9	118	120	83	80	51	327	222
$20,000 to $29,999 ..... 1997..	21	73	86	20	75	49	147	75
1992..	10	71	79	17	68	23	147	136
$30,000 to $49,999 ..... 1997..	19	73	98	80	117	30	105	135
1992..	17	19	44	54	100	11	137	73
$50,000 to $69,999 ..... 1997..	6	41	76	22	19	20	167	70
1992..	3	32	57	36	14	21	82	89
$70,000 to $99,999 ..... 1997..	6	41	32	38	51	30	63	85
1992..	1	26	15	3	7	13	75	41
$100,000 to $199,999 ..... 1997..	5	18	30	35	35	38	156	71
1992..	2	32	78	41	20	46	127	73
$200,000 to $499,999 ..... 1997..	1	18	29	23	7	52	99	73
1992..	1	17	11	18	17	22	68	56
$500,000 or more ..... 1997..	1	2	4	1	12	1	16	20
1992..	–	1	2	–	4	1	9	19
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997..	103	335	481	312	354	279	903	830
1992..	70	292	546	254	379	231	959	781
number, 1997..	201	724	724	477	733	483	2 059	1 897
1992..	138	546	844	407	714	362	2 015	1 674
Wheel tractors ..... farms, 1997..	96	406	581	306	356	318	1 000	880
1992..	77	378	546	286	398	266	1 093	844
number, 1997..	221	1 152	1 408	905	1 020	748	2 944	2 672
1992..	209	1 068	1 468	879	1 023	803	3 147	2 657
Less than 40 horsepower (PTO) ..... farms, 1997..	71	210	350	209	228	156	633	478
1992..	60	262	337	181	219	156	572	486
number, 1997..	118	408	507	336	340	211	1 002	722
1992..	119	399	592	266	328	231	881	824
40 horsepower (PTO) or more ..... farms, 1997..	66	348	434	235	302	228	838	747
1992..	45	251	480	256	341	208	942	715
number, 1997..	103	744	901	569	680	537	1 942	1 950
1992..	90	669	876	613	695	572	2 266	1 833
40 to 99 horsepower (PTO) ..... farms, 1997..	64	331	409	218	291	203	772	725
number, 1997..	88	599	653	422	435	347	1 202	1 401
100 horsepower (PTO) or more ..... farms, 1997..	8	110	175	92	147	106	436	273
number, 1997..	15	145	248	147	245	190	740	549
Grain and bean combines ..... farms, 1997..	17	107	131	84	161	40	473	294
1992..	20	86	117	121	158	42	624	428
number, 1997..	17	117	150	91	205	41	547	405
1992..	22	102	174	141	210	45	708	586
Cotton pickers and strippers ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
number, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997..	38	214	288	190	160	213	193	509
1992..	43	193	351	200	116	163	164	351
number, 1997..	45	234	343	201	168	226	211	560
1992..	48	202	402	211	118	173	192	371
Pickup balers ..... farms, 1997..	38	214	284	201	151	185	229	454
1992..	48	179	384	233	144	171	252	383
number, 1997..	52	275	410	268	173	250	257	587
1992..	55	195	498	272	158	208	268	482
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms..	28	105	186	74	99	104	333	337
number..	32	113	205	89	113	115	424	415
Wheel tractors ..... farms..	18	53	86	58	46	56	171	101
number..	19	85	119	84	65	84	250	186
Less than 40 horsepower (PTO) ..... farms..	11	17	36	15	11	11	93	10
number..	11	27	38	18	11	11	94	14
40 horsepower (PTO) or more ..... farms..	7	47	51	44	38	47	111	92
number..	8	58	81	66	54	73	156	172
40 to 99 horsepower (PTO) ..... farms..	5	43	38	32	20	35	67	45
number..	5	49	53	37	21	41	68	56
100 horsepower (PTO) or more ..... farms..	3	7	23	21	28	20	66	63
number..	3	9	28	29	33	32	88	116
Grain and bean combines ..... farms..	–	3	1	5	14	–	49	17
number..	–	3	(D)	5	17	–	49	18
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	2	48	40	55	22	61	30	44
number..	(D)	51	46	56	22	64	30	44
Pickup balers ..... farms..	1	32	46	25	19	40	42	56
number..	(D)	34	46	29	19	41	42	56
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms..	85	272	375	265	313	235	751	708
number..	169	611	519	388	620	368	1 635	1 482
Wheel tractors ..... farms..	88	376	549	291	333	302	933	880
number..	202	1 067	1 289	821	955	664	2 694	2 486
Less than 40 horsepower (PTO) ..... farms..	61	193	346	195	225	146	572	469
number..	107	381	469	318	329	200	908	708
40 horsepower (PTO) or more ..... farms..	62	323	403	222	279	215	788	747
number..	95	686	820	503	626	464	1 786	1 778
Grain and bean combines ..... farms..	17	104	131	84	155	40	429	283
number..	17	114	(D)	86	188	41	498	387
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	37	167	249	143	138	153	173	473
number..	(D)	183	297	145	146	162	181	516
Pickup balers ..... farms..	38	187	253	186	137	163	196	421
number..	(D)	241	364	239	154	209	215	531

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—Con.

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

All farms	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997	103	411	670	543	574	260	92	497
1992	112	417	667	503	595	261	96	453
$1,000, 1997	4 729	28 257	38 171	26 756	38 915	19 271	3 424	29 443
1992	3 956	21 631	33 530	19 527	30 703	18 351	3 748	22 354
Average per farm ..... dollars, 1997	45 917	68 752	56 972	49 275	67 795	74 121	37 216	59 242
1992	35 318	51 872	50 270	38 821	51 601	70 309	39 042	49 346
Farms by value group:								
$1 to $9,999 1997	14	109	166	106	155	34	17	67
1992	36	117	155	166	126	66	17	125
$10,000 to $19,999 1997	28	46	142	125	100	50	22	64
1992	20	93	146	122	154	38	13	82
$20,000 to $29,999 1997	12	39	113	56	18	39	15	114
1992	13	82	88	56	132	42	19	54
$30,000 to $49,999 1997	16	44	58	110	124	43	11	71
1992	11	20	74	65	45	14	21	73
$50,000 to $69,999 1997	15	44	66	48	50	12	10	55
1992	17	34	82	41	35	22	12	22
$70,000 to $99,999 1997	6	38	18	53	8	32	9	69
1992	4	10	30	29	29	2	12	31
$100,000 to $199,999 1997	8	53	56	27	41	21	7	24
1992	9	37	57	8	37	53	1	36
$200,000 to $499,999 1997	4	32	45	16	75	27	1	27
1992	2	19	28	14	31	20	–	29
$500,000 or more 1997	–	6	6	2	3	2	–	6
1992	–	5	7	2	6	4	1	1
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997	93	324	514	468	502	226	88	421
1992	98	367	608	456	530	226	86	395
number, 1997	158	659	925	870	1 175	368	124	683
1992	146	675	1 033	771	1 104	364	126	607
Wheel tractors ..... farms, 1997	95	383	652	507	517	253	90	441
1992	110	363	646	457	553	239	91	432
number, 1997	217	969	1 598	1 081	1 503	686	260	1 102
1992	288	989	1 878	928	1 847	796	280	1 242
Less than 40 horsepower (PTO) ..... farms, 1997	59	211	375	375	316	155	65	252
1992	71	270	342	326	372	146	70	276
number, 1997	83	306	553	567	513	195	105	386
1992	108	386	632	484	654	276	137	451
40 horsepower (PTO) or more ..... farms, 1997	72	289	520	240	445	200	70	323
1992	83	278	557	242	466	205	71	338
number, 1997	134	663	1 045	514	990	491	155	716
1992	180	603	1 246	444	1 193	520	143	791
40 to 99 horsepower (PTO) ..... farms, 1997	70	257	460	237	434	198	68	312
number, 1997	(D)	503	733	412	854	374	(D)	566
100 horsepower (PTO) or more ..... farms, 1997	27	70	181	88	85	53	24	84
number, 1997	(D)	160	312	102	136	117	(D)	150
Grain and bean combines ..... farms, 1997	19	62	112	46	101	101	33	112
1992	37	85	157	43	104	118	47	98
number, 1997	23	65	112	48	106	106	39	121
1992	50	88	179	49	125	121	53	115
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	53	188	315	163	190	154	75	264
1992	66	151	406	152	219	144	74	281
number, 1997	61	205	329	202	193	166	86	276
1992	69	159	450	181	247	172	79	287
Pickup balers ..... farms, 1997	56	145	313	137	213	155	79	293
1992	70	159	436	158	204	147	73	301
number, 1997	73	153	374	199	262	245	107	412
1992	77	194	484	195	242	217	92	402
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms	32	109	198	211	146	73	20	166
number	40	133	268	343	207	85	20	169
Wheel tractors ..... farms	7	61	115	135	73	40	11	94
number	10	120	209	158	129	59	13	140
Less than 40 horsepower (PTO) ..... farms	2	20	49	101	30	23	2	26
number	(D)	20	56	117	34	23	(D)	55
40 horsepower (PTO) or more ..... farms	5	44	70	41	71	20	9	69
number	(D)	100	153	41	95	36	(D)	85
40 to 99 horsepower (PTO) ..... farms	5	28	40	37	66	13	5	59
number	(D)	37	59	37	85	17	(D)	69
100 horsepower (PTO) or more ..... farms	1	18	57	4	8	10	4	13
number	(D)	63	94	4	10	19	(D)	16
Grain and bean combines ..... farms	1	4	24	2	2	–	–	1
number	(D)	5	24	(D)	(D)	–	–	(D)
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	10	51	72	46	32	27	5	51
number	13	53	72	54	32	28	5	51
Pickup balers ..... farms	10	33	50	32	21	20	7	89
number	10	33	61	39	21	31	7	103
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms	77	258	412	340	460	192	73	295
number	118	526	657	527	968	283	104	514
Wheel tractors ..... farms	95	358	607	417	475	237	88	379
number	207	849	1 389	923	1 374	627	247	962
Less than 40 horsepower (PTO) ..... farms	59	191	342	280	288	136	63	226
number	(D)	286	497	450	479	172	(D)	331
40 horsepower (PTO) or more ..... farms	68	269	479	216	403	199	69	284
number	(D)	563	892	473	895	455	(D)	631
Grain and bean combines ..... farms	18	60	88	45	100	101	33	111
number	(D)	60	88	(D)	(D)	106	39	(D)
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	43	144	255	121	159	130	72	214
number	48	152	257	148	161	138	81	225
Pickup balers ..... farms	47	115	269	127	203	152	78	239
number	63	120	313	160	241	214	100	309

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—Con.

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

All farms	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997..	80	139	1 293	295	36	1 163	938	793
1992..	76	134	1 368	278	36	1 295	988	855
$1,000, 1997..	1 997	8 564	101 006	10 996	815	93 411	52 246	75 399
1992..	1 555	6 010	84 413	17 456	727	83 700	53 433	60 403
Average per farm ..... dollars, 1997..	24 958	61 613	78 117	37 274	22 629	80 319	55 699	95 080
1992..	20 465	44 850	61 705	62 791	20 196	64 633	54 082	70 647
Farms by value group:								
$1 to $9,999 ..... 1997..	20	5	254	42	8	165	168	109
1992..	22	29	306	37	11	194	176	157
$10,000 to $19,999 ..... 1997..	25	17	272	99	12	201	243	147
1992..	22	35	253	72	15	248	215	180
$20,000 to $29,999 ..... 1997..	12	21	133	45	8	211	149	174
1992..	14	15	184	37	2	232	123	138
$30,000 to $49,999 ..... 1997..	9	48	136	54	4	107	98	54
1992..	16	8	146	38	6	176	182	114
$50,000 to $69,999 ..... 1997..	7	11	65	26	3	124	79	60
1992..	–	12	142	26	–	99	84	37
$70,000 to $99,999 ..... 1997..	7	11	146	12	–	73	83	53
1992..	–	20	134	1	1	72	73	45
$100,000 to $199,999 ..... 1997..	–	21	190	8	1	137	62	89
1992..	2	8	128	37	1	164	87	85
$200,000 to $499,999 ..... 1997..	–	4	79	8	–	131	47	79
1992..	–	7	57	28	–	101	41	88
$500,000 or more ..... 1997..	–	1	18	1	–	14	9	28
1992..	–	–	18	2	–	9	7	11
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997..	57	125	1 120	255	25	1 021	778	645
1992..	49	105	1 240	233	30	1 129	837	731
number, 1997..	81	200	2 241	485	37	2 316	1 275	1 348
1992..	74	148	2 253	403	41	2 320	1 283	1 207
Wheel tractors ..... farms, 1997..	71	130	1 124	268	32	1 071	894	661
1992..	66	128	1 293	277	33	1 244	951	779
number, 1997..	131	379	3 354	728	72	3 415	2 319	1 832
1992..	169	395	4 005	808	(D)	3 998	2 776	2 319
Less than 40 horsepower (PTO) ..... farms, 1997..	38	98	698	186	21	639	499	360
1992..	41	91	854	155	20	750	577	412
number, 1997..	51	155	1 182	320	(D)	1 145	733	601
1992..	72	168	1 390	277	(D)	1 223	977	730
40 horsepower (PTO) or more ..... farms, 1997..	51	107	862	217	19	919	756	523
1992..	59	113	1 046	199	26	1 072	791	654
number, 1997..	80	224	2 172	408	(D)	2 270	1 586	1 231
1992..	97	227	2 615	531	(D)	2 775	1 799	1 589
40 to 99 horsepower (PTO) ..... farms, 1997..	49	93	814	205	19	789	683	460
number, 1997..	70	151	1 596	346	(D)	1 371	1 118	723
100 horsepower (PTO) or more ..... farms, 1997..	9	52	295	40	1	504	306	262
number, 1997..	10	73	576	62	(D)	899	468	508
Grain and bean combines ..... farms, 1997..	8	52	175	100	5	712	388	278
1992..	13	51	342	134	7	793	469	379
number, 1997..	9	59	190	107	5	897	434	328
1992..	13	52	370	166	7	971	537	457
Cotton pickers and strippers ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
number, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997..	33	76	427	166	13	234	316	228
1992..	36	70	518	170	15	262	444	216
number, 1997..	35	80	448	189	13	236	335	245
1992..	36	78	536	194	15	274	471	234
Pickup balers ..... farms, 1997..	46	76	411	166	14	226	346	272
1992..	61	77	563	200	14	267	503	315
number, 1997..	56	94	493	216	17	237	433	350
1992..	73	93	664	262	16	276	578	369
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms..	11	51	394	64	6	227	295	283
number..	13	55	522	72	6	292	334	363
Wheel tractors ..... farms..	14	36	205	19	2	141	118	112
number..	14	55	471	26	(D)	199	174	160
Less than 40 horsepower (PTO) ..... farms..	4	21	71	14	1	37	38	30
number..	4	24	94	14	(D)	43	38	30
40 horsepower (PTO) or more ..... farms..	10	27	163	7	1	118	89	89
number..	10	31	377	12	(D)	156	136	130
40 to 99 horsepower (PTO) ..... farms..	10	14	91	4	1	52	58	48
number..	10	16	145	8	(D)	54	83	54
100 horsepower (PTO) or more ..... farms..	–	14	80	4	–	74	44	55
number..	–	15	232	4	–	102	53	76
Grain and bean combines ..... farms..	–	–	11	–	–	53	15	30
number..	–	–	11	–	–	56	17	37
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	3	4	74	8	1	25	29	46
number..	3	4	75	8	(D)	25	29	47
Pickup balers ..... farms..	1	8	37	28	3	23	49	48
number..	(D)	8	38	31	3	23	56	48
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms..	52	97	940	217	22	946	592	541
number..	68	145	1 719	413	31	2 024	941	985
Wheel tractors ..... farms..	67	114	1 041	262	32	1 037	870	632
number..	117	324	2 883	702	(D)	3 216	2 145	1 672
Less than 40 horsepower (PTO) ..... farms..	36	81	641	177	20	610	461	358
number..	47	131	1 088	306	(D)	1 102	695	571
40 horsepower (PTO) or more ..... farms..	44	95	795	217	19	868	728	493
number..	70	193	1 795	396	36	2 114	1 450	1 101
Grain and bean combines ..... farms..	8	52	164	100	5	665	375	255
number..	9	59	179	107	5	841	417	291
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	30	72	353	160	12	210	293	183
number..	32	76	373	181	(D)	211	306	198
Pickup balers ..... farms..	45	72	389	163	13	205	325	243
number..	(D)	86	455	185	14	214	377	302

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—Con.

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

All farms	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997..	1 447	45	917	1 142	1 059	1 031	305	252
1992..	1 434	49	1 087	1 128	1 162	1 057	302	177
$1,000, 1997..	133 159	1 652	78 256	118 831	70 486	57 298	20 020	9 070
1992..	106 460	1 976	57 909	82 449	62 020	55 682	10 146	5 265
Average per farm ..... dollars, 1997..	92 024	36 711	85 339	104 055	66 559	55 575	65 639	35 992
1992..	74 240	40 321	53 274	73 093	53 374	52 679	33 596	29 748
Farms by value group:								
$1 to $9,999 ..... 1997..	302	5	154	178	211	148	46	47
1992..	247	8	207	170	223	294	67	54
$10,000 to $19,999 ..... 1997..	188	12	155	155	244	215	108	69
1992..	232	6	244	246	308	230	87	54
$20,000 to $29,999 ..... 1997..	179	4	109	146	89	145	23	61
1992..	162	11	175	157	133	108	80	21
$30,000 to $49,999 ..... 1997..	187	12	170	122	166	149	33	39
1992..	204	8	137	157	131	96	19	16
$50,000 to $69,999 ..... 1997..	136	3	62	108	74	160	21	5
1992..	167	5	63	111	141	66	19	16
$70,000 to $99,999 ..... 1997..	76	7	43	70	85	68	15	14
1992..	97	8	54	33	83	78	14	6
$100,000 to $199,999 ..... 1997..	168	2	96	202	117	87	38	10
1992..	170	3	158	123	90	126	10	7
$200,000 to $499,999 ..... 1997..	163	–	107	119	56	53	16	6
1992..	131	–	47	112	42	53	4	3
$500,000 or more ..... 1997..	48	–	21	42	17	6	5	1
1992..	24	–	2	19	11	6	2	–
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997..	1 210	36	807	947	940	941	276	223
1992..	1 232	38	975	1 026	1 037	963	266	144
number, 1997..	2 326	70	1 746	2 356	2 097	1 647	605	404
1992..	2 260	56	1 850	2 237	2 007	1 641	436	224
Wheel tractors ..... farms, 1997..	1 363	44	901	1 062	967	990	274	217
1992..	1 366	48	995	1 037	1 042	950	253	167
number, 1997..	4 369	104	2 554	3 240	2 920	2 823	605	537
1992..	4 834	113	3 152	3 673	3 101	3 194	607	411
Less than 40 horsepower (PTO) ..... farms, 1997..	560	33	550	624	598	635	220	148
1992..	743	32	522	588	713	637	178	114
number, 1997..	931	53	836	1 069	1 149	999	336	241
1992..	1 186	53	892	1 203	1 197	1 118	354	185
40 horsepower (PTO) or more ..... farms, 1997..	1 238	27	726	838	788	752	185	149
1992..	1 230	32	889	872	825	757	127	121
number, 1997..	3 438	51	1 718	2 171	1 771	1 824	269	296
1992..	3 648	60	2 260	2 470	1 904	2 076	253	226
40 to 99 horsepower (PTO) ..... farms, 1997..	1 113	27	652	695	712	666	170	144
number, 1997..	2 256	43	1 071	1 170	1 349	1 248	225	241
100 horsepower (PTO) or more ..... farms, 1997..	637	5	420	487	257	368	35	39
number, 1997..	1 182	8	647	1 001	422	576	44	55
Grain and bean combines ..... farms, 1997..	619	14	502	561	227	371	42	31
1992..	835	15	698	626	249	411	24	41
number, 1997..	720	16	595	703	261	414	49	33
1992..	1 014	18	831	771	299	494	34	46
Cotton pickers and strippers ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
number, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997..	678	25	384	416	309	468	47	102
1992..	646	28	289	370	253	425	25	92
number, 1997..	737	31	435	437	343	480	50	108
1992..	705	35	299	400	282	448	26	97
Pickup balers ..... farms, 1997..	649	23	335	367	282	462	36	117
1992..	678	25	315	391	218	497	23	95
number, 1997..	781	34	414	427	353	548	36	153
1992..	849	38	389	441	278	626	23	119
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms..	381	14	252	346	296	398	133	85
number..	464	19	292	439	400	440	180	103
Wheel tractors ..... farms..	185	10	84	122	132	143	44	22
number..	323	10	109	213	211	244	78	28
Less than 40 horsepower (PTO) ..... farms..	18	3	19	17	53	89	37	7
number..	21	3	19	17	69	112	47	7
40 horsepower (PTO) or more ..... farms..	179	7	74	112	92	70	24	16
number..	302	7	90	196	142	132	31	21
40 to 99 horsepower (PTO) ..... farms..	119	7	62	41	77	66	22	12
number..	145	7	73	41	104	89	26	14
100 horsepower (PTO) or more ..... farms..	99	–	12	81	19	31	4	6
number..	157	–	17	155	38	43	5	7
Grain and bean combines ..... farms..	47	1	34	57	6	20	8	1
number..	52	(D)	35	61	6	20	8	(D)
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	67	3	40	34	62	91	10	6
number..	68	3	40	34	70	91	10	6
Pickup balers ..... farms..	70	8	40	12	52	57	6	16
number..	73	8	40	12	61	72	6	17
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms..	1 046	28	753	805	817	707	182	176
number..	1 862	51	1 454	1 917	1 697	1 207	425	301
Wheel tractors ..... farms..	1 327	39	894	1 028	911	929	255	212
number..	4 046	94	2 445	3 027	2 709	2 579	527	509
Less than 40 horsepower (PTO) ..... farms..	544	31	543	607	558	578	195	145
number..	910	50	817	1 052	1 080	887	289	234
40 horsepower (PTO) or more ..... farms..	1 203	23	698	813	748	710	166	146
number..	3 136	44	1 628	1 975	1 629	1 692	238	275
Grain and bean combines ..... farms..	582	13	472	521	222	351	34	30
number..	668	(D)	560	642	255	394	41	(D)
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	622	22	344	392	266	378	40	96
number..	669	28	395	403	273	389	40	102
Pickup balers ..... farms..	596	20	311	356	255	419	30	111
number..	708	26	374	415	292	476	30	136

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**

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

Chemicals used	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Commercial fertilizer ..... farms, 1997..	29 377	89	35	903	204	158	208
1992..	33 372	102	26	1 069	267	158	228
acres on which used, 1997..	5 612 394	6 873	2 186	148 662	37 182	15 215	50 468
1992..	5 696 920	4 858	2 127	148 077	24 543	15 544	39 673
Cropland fertilized, except pastureland ..... farms, 1997..	28 874	89	35	876	204	147	208
1992..	32 980	94	26	1 068	266	152	228
acres on which used, 1997..	5 563 658	6 457	(D)	148 160	36 380	14 701	50 198
1992..	5 657 258	4 412	(D)	147 584	23 294	15 112	39 113
Pastureland and rangeland fertilized..... farms, 1997..	2 089	10	2	66	42	14	6
1992..	1 662	15	2	39	44	9	7
acres on which used, 1997..	48 736	416	(D)	502	802	514	270
1992..	39 662	446	(D)	493	1 249	432	560
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	9 816	9	8	471	50	70	71
1992..	14 717	38	19	607	36	84	99
acres on which used, 1997..	1 252 567	856	251	48 093	5 713	6 149	7 826
1992..	1 412 690	794	499	62 704	2 397	4 484	9 733
Nematodes in crops ..... farms, 1997..	1 010	–	–	67	12	4	5
1992..	1 305	–	–	81	11	8	7
acres on which used, 1997..	122 416	–	–	5 583	3 728	(D)	(D)
1992..	153 808	–	–	13 572	823	(D)	28
Diseases in crops and orchards..... farms, 1997..	4 101	6	4	161	14	49	11
1992..	4 543	1	7	249	26	65	18
acres on which used, 1997..	369 437	72	(D)	9 506	825	4 517	1 458
1992..	326 781	(D)	13	12 718	749	4 995	513
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	20 327	50	22	554	120	93	159
1992..	23 222	53	18	675	121	135	160
acres on which used, 1997..	4 321 549	2 890	1 221	113 098	21 909	7 145	39 110
1992..	4 286 848	3 105	592	98 058	12 434	11 266	34 074
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	1 391	–	–	27	7	16	15
1992..	1 567	–	5	49	1	20	–
acres on which used, 1997..	129 348	–	–	2 148	280	2 435	586
1992..	99 465	–	82	2 389	(D)	2 543	–

Chemicals used	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Commercial fertilizer ..... farms, 1997..	28	449	563	84	864	598	674
1992..	26	449	686	79	1 104	717	767
acres on which used, 1997..	881	75 328	135 581	5 250	108 847	114 955	129 421
1992..	1 392	66 445	144 731	4 961	100 280	138 160	119 936
Cropland fertilized, except pastureland ..... farms, 1997..	27	433	563	84	864	579	662
1992..	26	444	686	72	1 085	700	758
acres on which used, 1997..	(D)	73 700	135 453	5 198	108 536	114 031	127 418
1992..	(D)	65 720	143 781	4 884	99 803	136 510	118 861
Pastureland and rangeland fertilized..... farms, 1997..	1	68	8	4	35	63	56
1992..	2	26	15	8	24	38	51
acres on which used, 1997..	(D)	1 628	128	52	311	924	2 003
1992..	(D)	725	950	77	477	1 650	1 075
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	3	125	226	45	535	180	254
1992..	8	267	200	78	756	310	410
acres on which used, 1997..	75	14 229	24 926	3 775	40 931	35 512	40 075
1992..	93	16 636	21 892	4 150	40 414	46 768	47 828
Nematodes in crops ..... farms, 1997..	–	10	20	8	49	11	32
1992..	–	20	9	8	111	20	20
acres on which used, 1997..	–	1 445	504	153	2 453	1 554	2 164
1992..	–	823	1 744	270	2 997	3 921	3 719
Diseases in crops and orchards..... farms, 1997..	1	15	88	46	434	46	26
1992..	2	24	80	48	581	30	32
acres on which used, 1997..	(D)	951	5 472	3 791	22 757	2 682	1 164
1992..	(D)	1 163	7 468	3 597	22 023	3 804	2 218
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	5	299	447	48	599	440	507
1992..	4	343	544	44	747	495	546
acres on which used, 1997..	333	50 138	112 054	4 081	91 297	99 728	96 403
1992..	66	50 882	121 609	3 972	73 720	106 946	94 926
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	–	29	21	32	116	12	19
1992..	1	19	12	22	131	6	32
acres on which used, 1997..	–	3 163	1 495	1 829	4 858	1 464	1 920
1992..	(D)	397	1 203	1 347	3 851	626	3 211

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**—Con.

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

Chemicals used		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Commercial fertilizer	farms, 1997	520	100	128	151	159	804	9
	1992	566	83	106	156	179	973	8
	acres on which used, 1997	97 184	6 726	9 281	11 856	12 465	169 708	156
	1992	102 367	5 945	8 647	12 123	13 909	165 526	195
Cropland fertilized, except pastureland	farms, 1997	505	90	123	141	151	790	8
	1992	558	75	106	156	169	967	8
	acres on which used, 1997	96 101	6 455	8 657	9 778	11 376	168 910	116
	1992	101 472	5 719	8 147	11 601	13 719	165 179	(D)
Pastureland and rangeland fertilized	farms, 1997	57	18	26	38	18	53	3
	1992	35	28	11	25	11	24	1
	acres on which used, 1997	1 083	271	624	2 078	1 089	798	40
	1992	895	226	500	522	190	347	(D)
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms, 1997	177	16	22	3	7	204	2
	1992	364	71	32	57	68	329	3
	acres on which used, 1997	29 163	727	909	392	966	22 606	(D)
	1992	41 956	2 974	1 069	2 895	2 032	33 059	(D)
Nematodes in crops	farms, 1997	14	1	1	–	7	27	–
	1992	46	–	–	–	10	17	–
	acres on which used, 1997	1 654	(D)	(D)	–	144	2 039	–
	1992	5 401	–	–	–	1 890	1 736	–
Diseases in crops and orchards	farms, 1997	43	8	5	–	6	33	1
	1992	60	17	1	–	7	31	1
	acres on which used, 1997	3 464	(D)	(D)	–	558	942	(D)
	1992	4 039	680	(D)	–	46	787	(D)
Weeds, grass, or brush in crops and pasture	farms, 1997	346	57	44	45	79	622	4
	1992	403	44	55	35	76	756	5
	acres on which used, 1997	79 916	3 114	2 916	1 994	6 240	134 617	59
	1992	90 622	3 443	2 865	6 236	5 219	126 207	72
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	15	8	1	1	6	40	–
	1992	31	–	–	8	1	19	–
	acres on which used, 1997	1 416	101	(D)	(D)	60	2 913	–
	1992	2 105	–	–	120	(D)	1 455	–

Chemicals used		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Commercial fertilizer	farms, 1997	144	62	667	124	338	235	8
	1992	156	55	830	125	499	224	15
	acres on which used, 1997	15 191	5 155	146 497	8 268	69 294	18 030	(D)
	1992	18 947	6 147	151 559	9 711	84 336	14 651	258
Cropland fertilized, except pastureland	farms, 1997	143	59	653	120	337	217	7
	1992	156	55	830	111	499	224	14
	acres on which used, 1997	13 916	5 015	144 979	7 591	69 190	17 639	(D)
	1992	17 010	6 053	151 054	8 641	84 290	14 315	(D)
Pastureland and rangeland fertilized	farms, 1997	27	6	62	31	14	29	1
	1992	50	7	33	30	10	24	1
	acres on which used, 1997	1 275	140	1 518	677	104	391	(D)
	1992	1 937	94	505	1 070	46	336	(D)
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms, 1997	39	17	190	26	97	41	–
	1992	64	26	299	62	285	42	9
	acres on which used, 1997	1 823	1 201	18 062	922	7 017	1 288	–
	1992	3 388	1 922	31 912	1 789	21 335	2 481	362
Nematodes in crops	farms, 1997	1	2	29	1	6	12	–
	1992	13	8	28	1	25	–	–
	acres on which used, 1997	(D)	(D)	3 373	(D)	720	459	–
	1992	1 196	730	3 323	(D)	1 907	–	–
Diseases in crops and orchards	farms, 1997	8	16	33	12	26	11	–
	1992	22	15	42	11	70	1	1
	acres on which used, 1997	1 301	728	1 426	43	939	420	–
	1992	1 875	1 357	2 151	488	1 923	(D)	(D)
Weeds, grass, or brush in crops and pasture	farms, 1997	56	37	525	64	244	131	5
	1992	89	31	533	50	385	106	3
	acres on which used, 1997	6 956	2 186	107 991	4 694	58 633	9 816	90
	1992	11 306	3 073	105 662	5 619	64 452	7 305	36
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	2	3	10	–	1	2	–
	1992	24	7	27	2	11	–	1
	acres on which used, 1997	(D)	(D)	(D)	–	(D)	(D)	–
	1992	1 284	638	1 436	(D)	(D)	–	(D)

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**—Con.

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

Chemicals used	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Commercial fertilizer ..... farms, 1997..	270	611	645	58	878	560	639	121
1992..	311	695	784	70	1 161	625	742	140
acres on which used, 1997..	25 392	215 960	138 517	3 325	334 081	123 483	149 051	10 350
1992..	25 504	204 499	144 815	2 217	356 504	126 389	162 817	14 146
Cropland fertilized, except pastureland ..... farms, 1997..	270	595	637	54	878	545	639	121
1992..	297	695	782	70	1 161	618	737	128
acres on which used, 1997..	(D)	215 126	137 981	3 051	333 488	122 468	148 147	9 990
1992..	24 996	204 437	144 091	2 031	356 265	125 900	162 197	13 485
Pastureland and rangeland fertilized..... farms, 1997..	2	37	22	9	31	71	32	13
1992..	16	3	18	5	11	27	21	37
acres on which used, 1997..	(D)	834	536	274	593	1 015	904	360
1992..	508	62	724	186	239	489	620	661
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	157	195	161	8	383	121	255	11
1992..	227	164	261	50	322	211	239	34
acres on which used, 1997..	8 351	28 582	24 393	40	73 040	19 065	30 548	1 209
1992..	11 625	30 571	33 111	1 358	48 207	36 091	28 885	1 451
Nematodes in crops ..... farms, 1997..	7	21	22	–	17	18	16	1
1992..	18	5	15	1	21	48	50	–
acres on which used, 1997..	62	1 733	2 915	–	1 238	2 779	1 842	(D)
1992..	285	628	4 741	(D)	5 678	6 488	6 527	–
Diseases in crops and orchards..... farms, 1997..	118	5	27	4	111	42	58	10
1992..	165	19	24	4	30	63	51	6
acres on which used, 1997..	6 289	361	2 497	20	21 199	3 353	4 762	440
1992..	8 578	1 284	467	87	3 568	5 835	5 488	6
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	160	510	530	24	725	382	502	67
1992..	214	598	597	28	877	434	590	83
acres on which used, 1997..	17 508	174 490	126 569	526	271 336	102 413	112 397	6 996
1992..	14 416	175 727	123 365	633	280 712	85 012	124 559	5 707
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	51	5	39	–	30	11	27	5
1992..	66	1	10	3	8	48	36	6
acres on which used, 1997..	2 485	978	2 305	–	3 938	1 018	1 791	128
1992..	1 259	(D)	1 082	15	1 350	2 780	1 592	30

Chemicals used	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Commercial fertilizer ..... farms, 1997..	37	660	592	455	78	711	1	59
1992..	39	635	668	510	48	829	–	40
acres on which used, 1997..	3 001	126 710	99 120	90 522	6 108	102 100	(D)	2 997
1992..	3 095	107 097	106 671	92 026	4 131	105 279	–	2 149
Cropland fertilized, except pastureland ..... farms, 1997..	34	660	592	455	76	694	1	59
1992..	39	635	656	494	47	828	–	40
acres on which used, 1997..	2 512	125 667	98 126	90 175	6 027	101 001	(D)	2 672
1992..	2 833	106 780	105 704	90 845	4 023	104 377	–	(D)
Pastureland and rangeland fertilized..... farms, 1997..	7	30	36	16	6	45	–	10
1992..	11	17	39	37	7	41	–	2
acres on which used, 1997..	489	1 043	994	347	81	1 099	–	325
1992..	262	317	967	1 181	108	902	–	(D)
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	8	159	183	191	26	351	–	4
1992..	12	170	376	259	22	534	1	26
acres on which used, 1997..	437	22 534	23 606	33 132	2 215	37 111	–	70
1992..	735	20 646	43 627	35 977	1 168	43 770	(D)	309
Nematodes in crops ..... farms, 1997..	1	3	26	24	3	27	–	1
1992..	1	23	27	37	3	37	–	–
acres on which used, 1997..	(D)	670	2 259	1 404	191	2 347	–	(D)
1992..	(D)	3 104	5 684	4 325	(D)	4 501	–	–
Diseases in crops and orchards..... farms, 1997..	7	30	28	86	9	195	–	–
1992..	5	30	27	94	7	201	–	5
acres on which used, 1997..	456	5 972	594	4 007	561	13 732	–	–
1992..	574	885	1 211	5 719	(D)	16 360	–	50
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	18	439	412	292	25	436	–	19
1992..	8	385	433	364	23	507	–	18
acres on which used, 1997..	1 402	77 266	76 380	74 087	2 131	67 822	–	912
1992..	791	58 860	78 407	73 757	2 026	64 547	–	967
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	3	9	6	40	1	88	–	–
1992..	2	18	24	34	2	74	–	–
acres on which used, 1997..	255	1 003	144	4 728	(D)	7 939	–	–
1992..	(D)	121	277	714	(D)	5 993	–	–

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**—Con.

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

Chemicals used		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Commercial fertilizer	farms, 1997	583	316	801	343	18	29	342	171
	1992	701	292	991	396	14	36	413	178
	acres on which used, 1997	91 176	25 001	234 238	60 835	1 786	2 453	34 294	12 560
	1992	107 342	24 365	244 448	59 463	1 061	3 432	60 866	9 557
Cropland fertilized, except pastureland	farms, 1997	569	309	794	329	16	29	334	171
	1992	692	292	991	390	13	34	413	172
	acres on which used, 1997	90 047	24 920	233 934	60 222	(D)	(D)	34 071	12 560
	1992	106 919	24 126	244 379	59 047	(D)	3 047	60 744	9 481
Pastureland and rangeland fertilized	farms, 1997	46	13	23	37	3	2	39	–
	1992	39	10	16	19	1	5	16	10
	acres on which used, 1997	1 129	81	304	613	(D)	(D)	223	–
	1992	423	239	69	416	(D)	385	122	76
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1997	158	215	231	98	8	10	96	84
	1992	321	236	408	180	6	28	244	99
	acres on which used, 1997	22 286	16 111	35 012	17 753	925	(D)	4 298	8 095
	1992	32 664	15 071	54 687	20 132	(D)	1 544	10 730	5 438
Nematodes in crops	farms, 1997	9	33	10	18	–	1	10	7
	1992	24	44	16	5	–	–	12	5
	acres on which used, 1997	908	645	6 163	4 061	–	(D)	566	1 433
	1992	4 244	1 130	1 951	500	–	–	213	345
Diseases in crops and orchards	farms, 1997	53	202	51	39	4	4	79	76
	1992	82	231	114	33	3	3	74	42
	acres on which used, 1997	4 023	16 467	7 456	1 256	(D)	(D)	4 397	6 315
	1992	6 866	15 461	9 540	1 383	(D)	8	2 102	2 998
Weeds, grass, or brush in crops and pasture	farms, 1997	358	232	645	223	8	11	166	111
	1992	457	210	802	267	10	11	285	98
	acres on which used, 1997	69 717	14 815	206 084	36 625	(D)	1 290	21 643	13 116
	1992	85 859	16 875	200 195	42 968	827	1 016	49 270	5 387
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	18	96	17	33	1	–	12	39
	1992	51	103	45	14	–	1	29	9
	acres on which used, 1997	372	6 833	3 747	1 579	(D)	–	1 888	1 649
	1992	2 997	7 296	2 873	914	–	(D)	522	646

Chemicals used		Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Commercial fertilizer	farms, 1997	45	259	348	238	281	182	761	617
	1992	37	258	367	210	282	168	895	620
	acres on which used, 1997	4 303	37 895	36 066	32 717	56 905	35 552	167 422	140 658
	1992	3 253	30 983	36 452	32 290	56 051	35 068	162 590	139 222
Cropland fertilized, except pastureland	farms, 1997	45	259	342	232	271	171	755	598
	1992	33	258	351	210	282	167	889	613
	acres on which used, 1997	4 268	37 491	35 377	31 707	56 425	34 688	167 104	139 500
	1992	2 795	30 943	34 097	31 371	55 666	34 827	162 522	138 046
Pastureland and rangeland fertilized	farms, 1997	3	15	40	33	33	23	21	59
	1992	9	5	63	22	21	12	16	32
	acres on which used, 1997	35	404	689	1 010	480	864	318	1 158
	1992	458	40	2 355	919	385	241	68	1 176
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1997	8	161	38	22	55	53	258	142
	1992	18	195	131	29	105	58	271	256
	acres on which used, 1997	494	14 376	5 812	1 446	4 742	4 885	25 526	38 202
	1992	317	12 564	7 790	740	8 146	4 059	26 549	39 616
Nematodes in crops	farms, 1997	–	20	9	3	–	2	30	45
	1992	1	24	1	–	7	2	11	65
	acres on which used, 1997	–	257	1 514	61	–	(D)	1 859	12 839
	1992	(D)	649	(D)	–	91	(D)	1 582	11 673
Diseases in crops and orchards	farms, 1997	5	93	19	11	5	33	108	63
	1992	9	95	29	17	10	3	64	80
	acres on which used, 1997	(D)	5 391	2 622	379	116	1 513	5 685	20 362
	1992	283	6 837	1 377	432	(D)	200	5 761	17 254
Weeds, grass, or brush in crops and pasture	farms, 1997	16	168	158	123	195	131	619	393
	1992	15	181	233	132	181	91	763	470
	acres on which used, 1997	967	28 375	21 361	12 609	45 296	15 279	149 741	114 780
	1992	947	21 337	18 725	11 299	47 992	14 781	159 306	103 696
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	2	25	3	6	8	2	21	28
	1992	4	16	8	4	15	3	29	43
	acres on which used, 1997	(D)	2 428	1 010	42	24	(D)	1 599	12 101
	1992	86	554	(D)	(D)	560	(D)	3 815	9 443

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**—Con.

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

Chemicals used	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Commercial fertilizer ..... farms, 1997..	57	267	446	167	444	178	41	268
1992..	82	251	519	204	482	165	36	248
acres on which used, 1997..	5 825	35 113	54 751	22 655	53 832	28 746	2 892	27 939
1992..	6 860	38 591	46 082	16 905	53 292	28 115	1 945	25 422
Cropland fertilized, except pastureland ..... farms, 1997..	52	267	441	161	435	177	39	268
1992..	78	241	488	183	474	165	34	248
acres on which used, 1997..	5 690	34 823	54 060	22 631	53 573	28 349	(D)	27 632
1992..	6 724	38 216	44 950	16 321	52 647	28 105	(D)	24 232
Pastureland and rangeland fertilized..... farms, 1997..	7	10	26	6	26	7	3	20
1992..	6	24	79	29	18	10	2	41
acres on which used, 1997..	135	290	691	24	259	397	(D)	307
1992..	136	375	1 132	584	645	10	(D)	1 190
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	4	132	147	103	265	39	5	24
1992..	3	112	201	158	379	42	29	88
acres on which used, 1997..	384	9 867	16 179	5 874	32 646	2 261	528	2 279
1992..	75	10 625	13 011	4 797	31 709	2 605	2 620	3 596
Nematodes in crops ..... farms, 1997..	–	12	15	17	9	–	–	18
1992..	6	5	12	9	25	–	–	1
acres on which used, 1997..	–	374	2 077	2 339	480	–	–	909
1992..	770	(D)	943	2 815	1 450	–	–	(D)
Diseases in crops and orchards..... farms, 1997..	1	75	54	41	243	7	–	25
1992..	–	37	66	68	262	25	–	6
acres on which used, 1997..	(D)	5 617	5 653	543	25 042	380	–	1 111
1992..	–	3 771	7 145	638	23 144	914	–	135
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	25	174	280	99	319	84	8	128
1992..	32	198	278	134	308	82	9	142
acres on which used, 1997..	3 330	27 735	31 151	13 998	32 238	12 928	376	8 333
1992..	2 365	32 013	26 664	12 044	33 982	16 257	1 029	12 329
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	–	38	7	2	57	1	–	–
1992..	2	4	15	29	50	11	2	3
acres on which used, 1997..	–	1 643	1 483	(D)	4 272	(D)	–	–
1992..	(D)	(D)	698	436	3 691	90	(D)	409

Chemicals used	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Commercial fertilizer ..... farms, 1997..	45	93	900	192	17	944	583	582
1992..	47	85	1 073	231	16	1 092	705	587
acres on which used, 1997..	3 748	5 862	97 354	25 122	485	241 809	97 862	157 616
1992..	3 488	4 783	102 168	28 661	520	240 390	113 695	170 087
Cropland fertilized, except pastureland ..... farms, 1997..	43	90	894	187	17	944	576	556
1992..	45	85	1 051	229	16	1 086	692	587
acres on which used, 1997..	3 377	5 832	96 677	23 973	435	241 700	97 235	156 051
1992..	3 172	(D)	101 161	28 321	(D)	240 274	113 357	169 734
Pastureland and rangeland fertilized..... farms, 1997..	13	3	36	45	3	8	29	85
1992..	11	5	56	6	1	13	27	25
acres on which used, 1997..	371	30	677	1 149	50	109	627	1 565
1992..	316	(D)	1 007	340	(D)	116	338	353
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	3	13	459	40	4	167	75	316
1992..	16	17	613	105	3	321	233	299
acres on which used, 1997..	(D)	1 157	41 564	4 185	67	27 053	4 572	101 179
1992..	764	689	39 950	8 598	(D)	28 483	9 854	80 203
Nematodes in crops ..... farms, 1997..	1	1	43	3	–	17	8	48
1992..	–	1	72	25	–	21	12	38
acres on which used, 1997..	(D)	(D)	4 096	1 916	–	3 380	(D)	11 463
1992..	–	(D)	6 534	2 578	–	544	248	8 760
Diseases in crops and orchards..... farms, 1997..	–	6	254	6	–	42	29	64
1992..	1	11	230	18	1	57	55	52
acres on which used, 1997..	–	(D)	18 923	1 383	–	4 060	887	22 864
1992..	(D)	507	15 043	2 395	(D)	3 478	732	15 616
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	23	52	633	91	3	805	439	429
1992..	20	49	783	97	8	918	489	465
acres on which used, 1997..	876	2 657	68 685	10 261	(D)	221 180	80 975	125 560
1992..	911	2 733	66 059	13 160	185	217 497	89 382	131 730
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	–	4	72	3	–	9	8	8
1992..	4	2	74	24	–	34	4	7
acres on which used, 1997..	–	409	3 166	(D)	–	(D)	360	4 725
1992..	193	(D)	2 893	1 735	–	2 402	13	1 305

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**—Con.

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

Chemicals used	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Commercial fertilizer ..... farms, 1997..	993	25	690	839	704	664	95	128
1992..	1 167	24	867	881	881	681	169	71
acres on which used, 1997..	284 843	3 196	152 782	247 778	112 449	120 005	12 891	11 427
1992..	318 066	2 410	157 793	243 046	99 534	108 623	10 121	7 493
Cropland fertilized, except pastureland ..... farms, 1997..	975	24	689	827	695	656	86	126
1992..	1 164	22	867	870	881	676	169	69
acres on which used, 1997..	282 133	2 662	152 549	246 475	111 311	119 005	12 756	11 168
1992..	316 602	1 965	(D)	242 648	98 897	108 418	(D)	7 271
Pastureland and rangeland fertilized..... farms, 1997..	61	8	20	59	49	31	9	10
1992..	46	7	1	20	38	26	1	12
acres on which used, 1997..	2 710	534	233	1 303	1 138	1 000	135	259
1992..	1 464	445	(D)	398	637	205	(D)	222
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	202	12	64	252	442	225	53	32
1992..	244	22	268	217	739	356	98	38
acres on which used, 1997..	30 971	927	6 928	55 084	55 680	27 880	2 444	4 223
1992..	38 637	783	25 415	38 068	58 580	27 715	1 680	824
Nematodes in crops ..... farms, 1997..	6	2	13	16	57	12	4	5
1992..	21	–	16	9	46	33	7	–
acres on which used, 1997..	1 120	(D)	1 246	1 232	11 291	1 993	(D)	(D)
1992..	3 115	–	3 227	4 134	3 130	3 348	75	–
Diseases in crops and orchards..... farms, 1997..	53	5	18	89	306	53	35	17
1992..	60	7	28	38	369	45	40	5
acres on which used, 1997..	7 373	243	1 324	22 782	40 065	4 443	295	866
1992..	9 773	22	2 767	4 766	36 116	3 367	172	164
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	719	8	585	632	517	463	60	51
1992..	869	16	699	698	556	453	63	35
acres on which used, 1997..	224 456	710	130 245	206 359	89 964	87 925	13 210	5 271
1992..	237 411	806	122 556	201 205	68 088	72 948	7 102	4 659
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	17	3	31	17	98	4	3	–
1992..	21	–	13	16	100	6	11	–
acres on which used, 1997..	4 616	(D)	2 978	5 055	6 354	(D)	5	–
1992..	2 377	–	623	3 407	6 162	905	89	–

Table 11. Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992

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

Characteristics	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
FARMS							
Land in farms ..... farms, 1997..	46 027	207	60	1 337	412	261	325
1992..	46 562	209	58	1 469	379	247	276
acres, 1997..	9 872 812	43 383	16 029	236 936	78 047	55 166	86 240
1992..	10 088 170	42 572	16 099	246 403	77 493	51 517	82 418
Harvested cropland ..... farms, 1997..	37 941	176	56	1 116	351	220	237
1992..	41 334	173	53	1 269	351	217	260
acres, 1997..	6 724 480	18 148	6 431	175 394	39 323	21 583	56 792
1992..	6 584 251	15 372	4 802	169 173	37 297	19 809	52 391
TENURE OF OPERATOR							
Full owners ..... farms, 1997..	27 933	132	37	809	263	181	202
1992..	27 070	148	32	880	236	167	144
acres, 1997..	2 864 121	17 028	(D)	56 150	31 818	24 344	28 342
1992..	2 946 685	18 974	6 262	64 786	30 648	23 563	22 689
Harvested cropland ..... farms, 1997..	20 652	106	33	612	211	146	118
1992..	22 557	117	27	708	214	141	132
acres, 1997..	1 207 258	5 266	(D)	23 537	10 403	(D)	10 986
1992..	1 327 457	5 331	1 271	28 736	10 409	6 005	11 473
Part owners ..... farms, 1997..	15 497	70	22	459	135	75	116
1992..	16 500	57	23	505	132	68	118
acres, 1997..	6 460 128	24 966	9 932	167 021	40 114	30 653	56 111
1992..	6 503 889	23 473	9 668	167 573	43 926	27 125	54 664
Owned land in farms ..... acres, 1997..	3 189 988	13 743	5 810	73 940	21 992	21 662	29 063
1992..	3 352 781	13 161	6 523	84 813	23 632	16 804	29 462
Rented land in farms ..... acres, 1997..	3 270 140	11 223	4 122	93 081	18 122	8 991	27 048
1992..	3 151 108	10 312	3 145	82 760	20 294	10 321	25 202
Harvested cropland ..... farms, 1997..	14 989	65	22	444	130	70	112
1992..	16 060	55	23	487	128	64	116
acres, 1997..	5 049 214	11 696	5 105	140 106	23 375	15 167	44 116
1992..	4 751 815	(D)	3 520	128 532	25 180	13 335	36 324
Tenants ..... farms, 1997..	2 597	5	1	69	14	5	7
1992..	2 992	4	3	84	11	12	14
acres, 1997..	548 563	1 389	(D)	13 765	6 115	169	1 787
1992..	637 596	125	169	14 044	2 919	829	5 065
Harvested cropland ..... farms, 1997..	2 300	5	1	60	10	4	7
1992..	2 717	1	3	74	9	12	12
acres, 1997..	468 008	1 186	(D)	11 751	5 545	(D)	1 690
1992..	504 979	(D)	11	11 905	1 708	469	4 594
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated ..... 1997..	37 077	160	47	1 057	321	200	244
1992..	38 336	161	53	1 205	309	200	213
Not on farm operated ..... 1997..	6 043	29	7	188	39	45	44
1992..	5 682	32	2	173	44	36	36
Not reported ..... 1997..	2 907	18	6	92	52	16	37
1992..	2 544	16	3	91	26	11	27
Operators by principal occupation:							
Farming ..... 1997..	22 043	95	29	647	172	120	167
1992..	24 396	96	31	757	167	136	177
Other ..... 1997..	23 984	112	31	690	240	141	158
1992..	22 166	113	27	712	212	111	99
Operators by days worked off farm:							
None ..... 1997..	17 964	91	27	494	150	93	150
1992..	18 547	87	24	577	151	99	144
Any ..... 1997..	25 906	105	32	774	246	155	157
1992..	25 462	111	30	815	213	131	115
1 to 49 days ..... 1997..	2 229	11	3	50	12	10	14
1992..	2 346	11	2	59	12	12	17
50 to 99 days ..... 1997..	1 260	4	1	36	17	12	5
1992..	1 279	5	–	55	9	7	3
100 to 149 days ..... 1997..	1 414	10	2	28	10	8	10
1992..	1 363	12	3	36	9	11	6
150 to 199 days ..... 1997..	2 435	11	5	69	20	26	25
1992..	2 490	6	2	84	20	19	14
200 days or more ..... 1997..	18 568	69	21	591	187	99	103
1992..	17 984	77	23	581	163	82	75
Not reported ..... 1997..	2 157	11	1	69	16	13	18
1992..	2 553	11	4	77	15	17	17
Operators by years on present farm:							
2 years or less ..... 1997..	1 810	9	2	41	13	15	10
1992..	1 838	6	1	48	19	9	11
3 or 4 years ..... 1997..	2 532	7	3	81	28	12	16
1992..	2 793	2	1	95	15	20	8
5 to 9 years ..... 1997..	5 715	24	11	163	51	37	31
1992..	5 819	27	10	217	46	26	22
10 years or more ..... 1997..	28 751	136	34	869	239	163	195
1992..	29 039	135	37	873	235	155	178
Average years on present farm ..... 1997..	21.6	22.0	18.0	21.5	20.9	19.2	24.7
1992..	20.9	22.1	21.3	19.9	20.2	20.9	22.5
Not reported ..... 1997..	7 219	31	10	183	81	34	73
1992..	7 073	39	9	236	64	37	57

USDA, National Agricultural Statistics Service

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
FARMS							
Land in farms ..... farms, 1997..	54	881	730	140	1 182	980	1 085
1992..	57	833	795	120	1 312	935	1 080
acres, 1997..	14 988	164 815	175 931	22 556	173 958	234 076	243 151
1992..	14 104	165 371	181 052	19 844	166 886	227 665	244 927
Harvested cropland ..... farms, 1997..	52	625	646	110	1 043	733	876
1992..	53	712	762	105	1 229	821	937
acres, 1997..	5 820	95 387	152 564	8 102	126 637	160 318	157 288
1992..	5 266	93 656	153 910	7 117	114 707	155 388	145 940
TENURE OF OPERATOR							
Full owners ..... farms, 1997..	38	586	336	96	769	650	699
1992..	23	542	340	80	855	561	689
acres, 1997..	7 394	61 002	25 509	10 563	52 870	72 767	84 925
1992..	(D)	59 361	30 405	(D)	51 978	71 100	88 776
Harvested cropland ..... farms, 1997..	36	351	262	68	643	423	501
1992..	22	434	314	67	783	464	558
acres, 1997..	2 035	17 284	14 833	2 263	25 246	30 509	34 978
1992..	984	22 856	19 284	2 280	25 579	37 054	38 247
Part owners ..... farms, 1997..	16	261	318	40	332	272	329
1992..	32	253	351	36	376	313	321
acres, 1997..	7 594	98 719	130 248	11 716	111 962	146 273	144 789
1992..	10 090	97 110	130 887	9 821	104 798	140 453	134 330
Owned land in farms ..... acres, 1997..	4 632	50 211	54 144	8 613	61 473	77 101	75 097
1992..	5 471	53 963	52 733	7 140	53 124	79 962	75 630
Rented land in farms ..... acres, 1997..	2 962	48 508	76 104	3 103	50 489	69 172	69 692
1992..	4 619	43 147	78 154	2 681	51 674	60 491	58 700
Harvested cropland ..... farms, 1997..	16	244	312	38	328	262	322
1992..	30	248	344	34	368	303	316
acres, 1997..	3 785	73 554	118 633	5 689	93 664	116 086	110 722
1992..	(D)	63 693	115 858	(D)	81 001	104 719	90 310
Tenants ..... farms, 1997..	–	34	76	4	81	58	57
1992..	2	38	104	4	81	61	70
acres, 1997..	–	5 094	20 174	277	9 126	15 036	13 437
1992..	(D)	8 900	19 760	(D)	10 110	16 112	21 821
Harvested cropland ..... farms, 1997..	–	30	72	4	72	48	53
1992..	1	30	104	4	78	54	63
acres, 1997..	–	4 549	19 098	150	7 727	13 723	11 588
1992..	(D)	7 107	18 768	(D)	8 127	13 615	17 383
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated ..... 1997..	42	760	565	110	958	798	902
1992..	46	720	601	95	1 073	773	869
Not on farm operated ..... 1997..	8	60	106	26	160	108	129
1992..	7	74	152	21	189	102	144
Not reported ..... 1997..	4	61	59	4	64	74	54
1992..	4	39	42	4	50	60	67
Operators by principal occupation:							
Farming ..... 1997..	28	339	409	71	641	447	493
1992..	24	368	471	67	751	523	500
Other ..... 1997..	26	542	321	69	541	533	592
1992..	33	465	324	53	561	412	580
Operators by days worked off farm:							
None ..... 1997..	22	304	335	60	530	358	439
1992..	18	294	338	48	607	372	384
Any ..... 1997..	27	546	354	74	581	567	604
1992..	36	500	400	65	638	511	632
1 to 49 days ..... 1997..	1	35	35	8	66	40	37
1992..	3	34	34	9	57	32	50
50 to 99 days ..... 1997..	2	27	18	5	31	20	27
1992..	1	22	22	7	38	28	24
100 to 149 days ..... 1997..	2	36	25	5	27	41	31
1992..	5	27	28	2	46	27	31
150 to 199 days ..... 1997..	1	44	25	7	48	57	64
1992..	1	44	30	9	50	44	60
200 days or more ..... 1997..	21	404	251	49	409	409	445
1992..	26	373	286	38	447	380	467
Not reported ..... 1997..	5	31	41	6	71	55	42
1992..	3	39	57	7	67	52	64
Operators by years on present farm:							
2 years or less ..... 1997..	–	28	17	3	35	37	49
1992..	2	28	31	2	62	39	49
3 or 4 years ..... 1997..	–	41	25	14	55	45	75
1992..	1	47	45	6	70	67	46
5 to 9 years ..... 1997..	7	119	89	16	149	134	114
1992..	14	121	70	12	155	119	160
10 years or more ..... 1997..	35	543	458	89	781	589	689
1992..	33	512	486	84	871	559	649
Average years on present farm ..... 1997..	24.6	22.0	23.3	21.7	23.4	21.2	22.0
1992..	19.7	20.9	21.4	21.1	22.9	20.5	20.5
Not reported ..... 1997..	12	150	141	18	162	175	158
1992..	7	125	163	16	154	151	176

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
FARMS							
Land in farms ..... farms, 1997..	700	188	210	319	350	1 123	27
1992..	735	196	170	332	292	1 207	17
acres, 1997..	176 831	31 077	50 582	98 979	62 831	243 850	2 568
1992..	186 431	41 037	40 871	92 809	64 084	256 236	1 402
Harvested cropland ..... farms, 1997..	602	153	189	291	274	967	19
1992..	652	162	149	296	245	1 139	12
acres, 1997..	123 647	12 162	17 564	45 562	26 481	188 811	436
1992..	121 753	13 417	14 470	39 361	24 789	193 259	(D)
TENURE OF OPERATOR							
Full owners ..... farms, 1997..	393	130	133	185	249	697	23
1992..	397	126	102	205	179	708	8
acres, 1997..	49 320	(D)	21 379	37 633	32 426	69 771	2 034
1992..	49 100	(D)	13 710	37 277	30 258	84 090	403
Harvested cropland ..... farms, 1997..	312	100	116	163	181	550	15
1992..	331	99	85	175	145	646	4
acres, 1997..	24 628	(D)	(D)	(D)	11 221	41 397	257
1992..	23 304	4 028	3 943	13 318	7 847	53 915	49
Part owners ..... farms, 1997..	265	55	73	131	92	364	4
1992..	276	67	58	120	95	426	9
acres, 1997..	119 429	15 990	28 721	60 979	29 613	166 298	534
1992..	123 122	22 016	25 931	53 673	29 346	162 390	999
Owned land in farms ..... acres, 1997..	58 643	8 832	19 627	35 158	18 531	72 296	188
1992..	67 772	12 807	17 172	33 341	19 073	77 254	399
Rented land in farms ..... acres, 1997..	60 786	7 158	9 094	25 821	11 082	94 002	346
1992..	55 350	9 209	8 759	20 332	10 273	85 136	600
Harvested cropland ..... farms, 1997..	253	52	70	126	88	359	4
1992..	270	60	55	115	87	424	8
acres, 1997..	92 803	8 328	12 627	31 911	14 960	140 878	179
1992..	88 133	9 303	10 043	25 053	15 539	131 214	(D)
Tenants ..... farms, 1997..	42	3	4	3	9	62	–
1992..	62	3	10	7	18	73	–
acres, 1997..	8 082	(D)	482	367	792	7 781	–
1992..	14 209	(D)	1 230	1 859	4 480	9 756	–
Harvested cropland ..... farms, 1997..	37	1	3	2	5	58	–
1992..	51	3	9	6	13	69	–
acres, 1997..	6 216	(D)	(D)	(D)	300	6 536	–
1992..	10 316	86	484	990	1 403	8 130	–
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated ..... 1997..	593	159	167	263	280	910	20
1992..	606	171	138	266	254	1 012	16
Not on farm operated ..... 1997..	72	19	31	36	43	134	4
1992..	92	16	18	50	18	118	–
Not reported ..... 1997..	35	10	12	20	27	79	3
1992..	37	9	14	16	20	77	1
Operators by principal occupation:							
Farming ..... 1997..	364	74	82	139	176	490	13
1992..	449	90	74	143	142	590	10
Other ..... 1997..	336	114	128	180	174	633	14
1992..	286	106	96	189	150	617	7
Operators by days worked off farm:							
None ..... 1997..	290	60	62	85	146	411	8
1992..	349	67	56	91	105	465	4
Any ..... 1997..	378	118	138	220	182	654	17
1992..	341	118	108	223	165	671	12
1 to 49 days ..... 1997..	34	12	12	20	26	52	1
1992..	28	5	16	20	14	41	2
50 to 99 days ..... 1997..	20	9	10	9	7	18	1
1992..	23	5	6	16	6	27	1
100 to 149 days ..... 1997..	13	6	8	11	15	24	–
1992..	12	7	2	21	6	25	1
150 to 199 days ..... 1997..	44	18	20	36	18	54	3
1992..	31	24	19	31	26	45	2
200 days or more ..... 1997..	267	73	88	144	116	506	12
1992..	247	77	65	135	113	533	6
Not reported ..... 1997..	32	10	10	14	22	58	2
1992..	45	11	6	18	22	71	1
Operators by years on present farm:							
2 years or less ..... 1997..	25	–	11	10	10	47	–
1992..	38	5	5	12	17	31	1
3 or 4 years ..... 1997..	49	11	10	22	25	45	3
1992..	41	9	6	18	18	42	3
5 to 9 years ..... 1997..	75	30	37	50	49	121	4
1992..	80	19	28	34	38	150	–
10 years or more ..... 1997..	456	118	126	196	198	746	15
1992..	463	126	102	210	161	802	9
Average years on present farm ..... 1997..	22.9	21.4	20.8	21.2	19.6	22.5	19.2
1992..	21.8	21.1	21.0	20.4	19.6	22.5	15.6
Not reported ..... 1997..	95	29	26	41	68	164	5
1992..	113	37	29	58	58	182	4

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
FARMS							
Land in farms ..... farms, 1997..	253	116	1 062	207	796	424	48
1992..	237	99	1 069	188	799	400	50
acres, 1997..	70 232	28 298	231 870	40 115	117 968	68 036	4 197
1992..	72 777	28 415	233 921	40 365	137 082	61 535	5 965
Harvested cropland ..... farms, 1997..	224	104	826	178	631	343	38
1992..	209	87	947	168	691	349	41
acres, 1997..	28 923	9 492	161 765	16 188	84 103	32 296	1 249
1992..	25 446	8 959	160 758	14 619	96 095	27 836	1 813
TENURE OF OPERATOR							
Full owners ..... farms, 1997..	150	73	659	130	493	293	36
1992..	131	53	586	101	471	270	35
acres, 1997..	25 732	14 204	66 402	15 243	29 666	35 480	(D)
1992..	25 129	8 939	66 678	14 604	30 117	30 998	4 236
Harvested cropland ..... farms, 1997..	122	65	441	105	356	219	26
1992..	109	42	487	89	379	227	27
acres, 1997..	7 737	3 432	28 510	3 803	12 019	11 258	(D)
1992..	6 657	1 853	36 418	2 935	15 550	11 020	928
Part owners ..... farms, 1997..	98	37	349	70	253	116	11
1992..	97	42	398	77	289	114	13
acres, 1997..	43 996	13 181	157 462	24 604	79 280	30 663	1 154
1992..	46 296	18 596	152 649	24 098	89 949	28 396	(D)
Owned land in farms ..... acres, 1997..	29 163	9 618	65 499	13 610	31 113	14 787	683
1992..	33 089	15 142	69 906	13 283	36 519	16 330	(D)
Rented land in farms ..... acres, 1997..	14 833	3 563	91 963	10 994	48 167	15 876	471
1992..	13 207	3 454	82 743	10 815	53 430	12 066	(D)
Harvested cropland ..... farms, 1997..	98	34	336	67	237	113	11
1992..	94	41	384	71	276	108	13
acres, 1997..	20 979	5 786	126 835	12 224	65 083	19 666	577
1992..	18 026	6 548	113 172	10 572	67 044	15 984	(D)
Tenants ..... farms, 1997..	5	6	54	7	50	15	1
1992..	9	4	85	10	39	16	2
acres, 1997..	504	913	8 006	268	9 022	1 893	(D)
1992..	1 352	880	14 594	1 663	17 016	2 141	(D)
Harvested cropland ..... farms, 1997..	4	5	49	6	38	11	1
1992..	6	4	76	8	36	14	1
acres, 1997..	207	274	6 420	161	7 001	1 372	(D)
1992..	763	558	11 168	1 112	13 501	832	(D)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated ..... 1997..	215	93	879	179	669	337	38
1992..	207	86	935	157	692	324	43
Not on farm operated ..... 1997..	23	14	114	18	85	55	7
1992..	20	9	86	19	62	47	6
Not reported ..... 1997..	15	9	69	10	42	32	3
1992..	10	4	48	12	45	29	1
Operators by principal occupation:							
Farming ..... 1997..	124	49	465	87	354	198	15
1992..	125	56	499	97	383	190	23
Other ..... 1997..	129	67	597	120	442	226	33
1992..	112	43	570	91	416	210	27
Operators by days worked off farm:							
None ..... 1997..	94	33	373	74	309	173	11
1992..	87	46	401	77	305	160	22
Any ..... 1997..	151	79	644	129	443	221	36
1992..	136	50	624	97	445	225	27
1 to 49 days ..... 1997..	10	10	62	11	33	23	3
1992..	5	6	48	13	30	23	2
50 to 99 days ..... 1997..	8	1	30	8	18	12	2
1992..	3	5	27	3	19	9	3
100 to 149 days ..... 1997..	15	2	33	15	18	12	3
1992..	10	5	22	6	15	17	3
150 to 199 days ..... 1997..	20	5	49	12	35	31	7
1992..	34	8	49	16	32	40	2
200 days or more ..... 1997..	98	61	470	83	339	143	21
1992..	84	26	478	59	349	136	17
Not reported ..... 1997..	8	4	45	4	44	30	1
1992..	14	3	44	14	49	15	1
Operators by years on present farm:							
2 years or less ..... 1997..	12	4	39	11	37	21	1
1992..	2	1	45	6	27	17	3
3 or 4 years ..... 1997..	16	8	59	11	54	23	2
1992..	17	4	54	11	51	26	5
5 to 9 years ..... 1997..	36	19	122	35	124	61	8
1992..	29	7	139	20	126	47	4
10 years or more ..... 1997..	158	65	655	116	466	235	27
1992..	155	76	684	119	485	237	35
Average years on present farm ..... 1997..	20.5	21.3	21.8	20.8	20.1	21.2	19.8
1992..	19.4	25.5	20.5	21.0	20.5	21.0	19.0
Not reported ..... 1997..	31	20	187	34	115	84	10
1992..	34	11	147	32	110	73	3

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
FARMS								
Land in farms ..... farms, 1997..	413	873	1 236	128	1 184	827	1 004	238
1992..	409	914	1 018	139	1 325	835	1 007	206
acres, 1997..	61 767	276 833	257 469	23 126	424 122	190 405	236 652	42 667
1992..	66 789	277 400	231 557	29 161	438 914	193 688	254 793	47 308
Harvested cropland ..... farms, 1997..	357	715	807	107	967	692	815	192
1992..	366	849	891	120	1 212	733	912	178
acres, 1997..	32 745	226 252	168 425	8 075	355 965	143 455	173 040	18 674
1992..	31 485	221 911	152 548	9 024	361 920	130 471	176 767	18 126
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	291	495	841	86	558	491	618	155
1992..	299	477	597	90	556	503	584	129
acres, 1997..	28 426	55 313	77 875	(D)	74 807	45 282	63 772	19 433
1992..	35 103	62 206	68 350	14 687	72 919	51 113	67 278	(D)
Harvested cropland ..... farms, 1997..	240	346	425	67	358	379	444	114
1992..	260	427	476	74	458	416	494	104
acres, 1997..	11 262	33 366	21 770	(D)	46 908	26 259	29 558	5 142
1992..	12 787	39 659	32 124	3 013	50 506	24 171	34 540	5 456
Part owners ..... farms, 1997..	101	323	350	40	516	296	334	77
1992..	97	364	366	45	620	291	368	74
acres, 1997..	29 581	206 077	170 693	10 560	308 148	139 785	162 095	22 760
1992..	28 857	201 505	155 553	14 074	326 209	131 220	174 856	23 549
Owned land in farms ..... acres, 1997..	16 125	83 944	78 761	6 120	145 633	75 783	77 636	12 456
1992..	15 911	87 583	74 794	7 672	160 969	67 773	89 688	13 525
Rented land in farms ..... acres, 1997..	13 456	122 133	91 932	4 440	162 515	64 002	84 459	10 304
1992..	12 946	113 922	80 759	6 402	165 240	63 447	85 168	10 024
Harvested cropland ..... farms, 1997..	99	318	342	39	505	281	320	75
1992..	95	354	362	45	613	282	364	71
acres, 1997..	19 025	179 413	138 666	5 535	270 036	113 003	133 754	13 345
1992..	17 312	170 438	113 751	(D)	276 817	97 984	132 264	12 592
Tenants ..... farms, 1997..	21	55	45	2	110	40	52	6
1992..	13	73	55	4	149	41	55	3
acres, 1997..	3 760	15 443	8 901	(D)	41 167	5 338	10 785	474
1992..	2 829	13 689	7 654	400	39 786	11 355	12 659	(D)
Harvested cropland ..... farms, 1997..	18	51	40	1	104	32	51	3
1992..	11	68	53	1	141	35	54	3
acres, 1997..	2 458	13 473	7 989	(D)	39 021	4 193	9 728	187
1992..	1 386	11 814	6 673	(D)	34 597	8 316	9 963	78
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	319	690	978	100	858	693	835	186
1992..	314	720	843	122	1 040	701	858	161
Not on farm operated ..... 1997..	70	111	167	16	198	94	112	42
1992..	80	134	116	15	174	83	94	35
Not reported ..... 1997..	24	72	91	12	128	40	57	10
1992..	15	60	59	2	111	51	55	10
Operators by principal occupation:								
Farming ..... 1997..	198	479	495	43	791	374	467	114
1992..	207	542	523	43	1 006	413	535	112
Other ..... 1997..	215	394	741	85	393	453	537	124
1992..	202	372	495	96	319	422	472	94
Operators by days worked off farm:								
None ..... 1997..	156	354	470	40	591	302	384	117
1992..	140	354	403	38	723	318	396	91
Any ..... 1997..	245	467	716	84	520	490	571	112
1992..	257	489	546	100	489	479	573	104
1 to 49 days ..... 1997..	18	54	53	4	76	37	43	6
1992..	33	66	51	14	83	37	48	12
50 to 99 days ..... 1997..	15	26	31	7	32	20	24	6
1992..	15	20	24	3	36	29	35	4
100 to 149 days ..... 1997..	19	25	35	4	30	21	22	7
1992..	24	25	16	10	41	17	31	8
150 to 199 days ..... 1997..	26	34	38	9	39	45	59	5
1992..	41	37	48	10	54	49	33	10
200 days or more ..... 1997..	167	328	559	60	343	367	423	88
1992..	144	341	407	63	275	347	426	70
Not reported ..... 1997..	12	52	50	4	73	35	49	9
1992..	12	71	69	1	113	38	38	11
Operators by years on present farm:								
2 years or less ..... 1997..	15	38	54	6	27	40	42	8
1992..	13	38	59	4	45	29	38	11
3 or 4 years ..... 1997..	24	36	65	7	56	56	61	12
1992..	29	60	60	18	50	48	66	19
5 to 9 years ..... 1997..	57	102	151	27	100	102	128	34
1992..	51	88	132	14	115	99	109	24
10 years or more ..... 1997..	255	527	756	65	739	529	626	135
1992..	263	581	623	81	817	545	655	112
Average years on present farm ..... 1997..	21.9	23.1	22.2	17.2	24.2	21.2	21.4	19.5
1992..	20.8	22.0	20.1	18.7	23.4	21.9	21.8	19.3
Not reported ..... 1997..	62	170	210	23	262	100	147	49
1992..	53	147	144	22	298	114	139	40

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
FARMS								
Land in farms ..... farms, 1997..	86	911	987	696	139	1 136	5	126
1992..	75	883	1 041	745	79	1 190	3	101
acres, 1997..	23 823	216 651	181 287	146 927	21 375	186 453	(D)	22 971
1992..	29 763	199 733	210 638	154 482	16 076	190 706	264	18 047
Harvested cropland ..... farms, 1997..	72	752	797	585	114	934	5	99
1992..	70	795	875	643	63	1 046	1	82
acres, 1997..	7 566	147 697	119 144	107 349	9 351	127 476	50	8 451
1992..	6 624	130 232	121 763	103 946	5 923	119 403	(D)	5 321
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	45	571	612	424	109	713	4	88
1992..	34	514	643	467	53	716	1	77
acres, 1997..	6 955	74 064	52 085	35 941	13 387	54 240	(D)	12 406
1992..	(D)	67 305	68 931	41 215	8 358	56 729	(D)	11 541
Harvested cropland ..... farms, 1997..	37	428	442	331	85	534	4	62
1992..	29	435	505	378	42	589	–	60
acres, 1997..	(D)	35 264	19 776	15 141	4 679	23 763	(D)	3 350
1992..	1 356	34 749	26 464	16 962	1 906	25 792	–	2 907
Part owners ..... farms, 1997..	38	294	327	233	26	357	–	34
1992..	40	327	326	239	23	405	2	20
acres, 1997..	16 659	125 668	123 587	101 818	7 730	121 084	–	10 285
1992..	14 024	125 598	130 000	108 838	7 598	123 789	(D)	6 251
Owned land in farms ..... acres, 1997..	9 952	64 385	66 020	47 870	4 702	61 319	–	5 321
1992..	8 856	65 810	71 221	57 906	4 607	65 071	(D)	2 844
Rented land in farms ..... acres, 1997..	6 707	61 283	57 567	53 948	3 028	59 765	–	4 964
1992..	5 168	59 788	58 779	50 932	2 991	58 718	(D)	3 407
Harvested cropland ..... farms, 1997..	34	285	315	222	25	341	–	33
1992..	40	321	312	231	21	394	1	19
acres, 1997..	5 763	99 442	94 315	83 748	4 431	94 333	–	4 959
1992..	(D)	90 552	88 627	83 348	4 017	86 023	(D)	2 330
Tenants ..... farms, 1997..	3	46	48	39	4	66	1	4
1992..	1	42	72	39	3	69	–	4
acres, 1997..	209	16 919	5 615	9 168	258	11 129	(D)	280
1992..	(D)	6 830	11 707	4 429	120	10 188	–	255
Harvested cropland ..... farms, 1997..	1	39	40	32	4	59	1	4
1992..	1	39	58	34	–	63	–	3
acres, 1997..	(D)	12 991	5 053	8 460	241	9 380	(D)	142
1992..	(D)	4 931	6 672	3 636	–	7 588	–	84
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	68	736	814	553	90	922	5	100
1992..	62	746	859	567	62	969	2	86
Not on farm operated ..... 1997..	15	110	124	111	42	153	–	16
1992..	7	80	128	124	6	162	1	8
Not reported ..... 1997..	3	65	49	32	7	61	–	10
1992..	6	57	54	54	11	59	–	7
Operators by principal occupation:								
Farming ..... 1997..	37	471	375	336	49	487	2	37
1992..	32	488	476	370	28	536	1	50
Other ..... 1997..	49	440	612	360	90	649	3	89
1992..	43	395	565	375	51	654	2	51
Operators by days worked off farm:								
None ..... 1997..	26	377	336	293	37	428	1	48
1992..	29	362	395	297	19	450	–	45
Any ..... 1997..	54	490	607	370	94	667	3	74
1992..	44	453	594	409	51	701	3	48
1 to 49 days ..... 1997..	3	41	33	36	11	54	1	3
1992..	–	54	45	28	7	59	–	1
50 to 99 days ..... 1997..	1	32	22	13	5	30	–	4
1992..	2	21	27	29	1	26	1	2
100 to 149 days ..... 1997..	6	24	31	28	5	22	–	6
1992..	3	18	31	20	4	31	–	–
150 to 199 days ..... 1997..	8	47	56	30	1	60	–	7
1992..	5	44	66	33	6	54	–	8
200 days or more ..... 1997..	36	346	465	263	72	501	2	54
1992..	34	316	425	299	33	531	2	37
Not reported ..... 1997..	6	44	44	33	8	41	1	4
1992..	2	68	52	39	9	39	–	8
Operators by years on present farm:								
2 years or less ..... 1997..	2	27	32	23	6	38	–	4
1992..	2	42	59	35	6	46	–	3
3 or 4 years ..... 1997..	5	67	69	31	13	66	–	9
1992..	1	68	70	49	9	85	–	7
5 to 9 years ..... 1997..	15	114	145	90	18	138	1	17
1992..	10	93	119	98	8	192	–	17
10 years or more ..... 1997..	55	543	601	471	77	722	3	66
1992..	53	535	650	457	42	703	3	57
Average years on present farm ..... 1997..	22.6	21.9	21.2	21.1	18.9	20.9	14.5	20.9
1992..	21.7	20.6	21.2	19.3	18.2	19.6	12.3	21.6
Not reported ..... 1997..	9	160	140	81	25	172	1	30
1992..	9	145	143	106	14	164	–	17

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
FARMS								
Land in farms ..... farms, 1997..	1 020	369	1 317	637	31	72	523	284
1992..	1 119	374	1 259	683	31	70	558	252
acres, 1997..	178 249	62 129	336 468	98 297	(D)	21 513	68 829	47 521
1992..	193 956	64 973	336 273	118 764	9 391	22 178	70 306	48 029
Harvested cropland ..... farms, 1997..	835	340	991	483	30	63	446	258
1992..	970	351	1 119	561	28	63	507	233
acres, 1997..	119 906	28 007	275 112	64 554	3 972	8 718	50 551	18 866
1992..	122 007	29 666	276 557	71 876	3 224	10 512	52 420	16 151
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	631	268	731	403	20	34	299	205
1992..	672	274	641	418	20	39	298	180
acres, 1997..	49 744	32 430	68 759	25 439	(D)	5 703	13 423	27 225
1992..	58 502	36 459	64 968	33 434	(D)	(D)	14 580	24 953
Harvested cropland ..... farms, 1997..	466	245	423	263	19	30	230	182
1992..	544	255	518	311	18	33	254	162
acres, 1997..	19 436	12 299	33 384	9 257	(D)	(D)	5 703	7 750
1992..	24 748	13 603	40 406	12 308	791	2 720	7 683	6 414
Part owners ..... farms, 1997..	337	86	460	200	10	32	186	65
1992..	375	82	473	221	10	28	205	69
acres, 1997..	114 664	28 203	237 232	68 941	7 006	15 162	50 197	19 064
1992..	121 684	26 103	239 922	76 913	6 524	11 817	46 639	22 744
Owned land in farms ..... acres, 1997..	57 488	17 850	103 364	33 220	4 261	9 647	18 299	11 771
1992..	62 706	16 083	106 710	38 525	3 208	7 066	20 649	14 279
Rented land in farms ..... acres, 1997..	57 176	10 353	133 868	35 721	2 745	5 515	31 898	7 293
1992..	58 978	10 020	133 212	38 388	3 316	4 751	25 990	8 465
Harvested cropland ..... farms, 1997..	324	81	449	189	10	31	180	64
1992..	363	82	463	210	10	28	199	68
acres, 1997..	88 940	14 998	213 023	52 025	2 599	6 650	40 534	10 426
1992..	86 002	15 162	207 149	54 790	2 433	(D)	36 791	9 467
Tenants ..... farms, 1997..	52	15	126	34	1	6	38	14
1992..	72	18	145	44	1	3	55	3
acres, 1997..	13 841	1 496	30 477	3 917	(D)	648	5 209	1 232
1992..	13 770	2 411	31 383	8 417	(D)	(D)	9 087	332
Harvested cropland ..... farms, 1997..	45	14	119	31	1	2	36	12
1992..	63	14	138	40	–	2	54	3
acres, 1997..	11 530	710	28 705	3 272	(D)	(D)	4 314	690
1992..	11 257	901	29 002	4 778	–	(D)	7 946	270
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	860	255	1 037	567	24	56	402	199
1992..	958	287	1 017	588	30	58	449	205
Not on farm operated ..... 1997..	108	90	195	39	5	10	86	74
1992..	109	70	188	66	1	5	77	37
Not reported ..... 1997..	52	24	85	31	2	6	35	11
1992..	52	17	54	29	–	7	32	10
Operators by principal occupation:								
Farming ..... 1997..	488	225	593	278	9	33	273	136
1992..	570	215	669	312	21	46	295	131
Other ..... 1997..	532	144	724	359	22	39	250	148
1992..	549	159	590	371	10	24	263	121
Operators by days worked off farm:								
None ..... 1997..	400	149	480	216	14	27	243	114
1992..	457	153	481	252	15	30	224	94
Any ..... 1997..	574	200	787	404	17	42	259	157
1992..	610	206	717	403	15	33	295	144
1 to 49 days ..... 1997..	44	27	65	25	2	6	21	17
1992..	44	23	60	36	2	6	23	17
50 to 99 days ..... 1997..	21	12	43	15	1	1	19	13
1992..	31	18	32	24	3	3	24	11
100 to 149 days ..... 1997..	26	12	31	32	–	1	13	12
1992..	38	13	42	22	–	2	12	9
150 to 199 days ..... 1997..	62	25	72	37	2	3	24	22
1992..	51	23	48	35	2	1	23	25
200 days or more ..... 1997..	421	124	576	295	12	31	182	93
1992..	446	129	535	286	8	21	213	82
Not reported ..... 1997..	46	20	50	17	–	3	21	13
1992..	52	15	61	28	1	7	39	14
Operators by years on present farm:								
2 years or less ..... 1997..	42	8	42	35	2	2	14	12
1992..	44	11	36	19	1	1	23	6
3 or 4 years ..... 1997..	61	22	67	38	3	2	19	18
1992..	70	30	75	45	–	8	37	15
5 to 9 years ..... 1997..	152	50	127	93	–	11	66	34
1992..	149	52	157	118	4	13	70	29
10 years or more ..... 1997..	589	238	872	389	22	45	330	191
1992..	693	232	806	413	23	33	319	168
Average years on present farm ..... 1997..	20.3	20.2	22.8	18.8	24.4	19.4	21.5	22.8
1992..	20.4	19.3	21.8	19.8	22.1	16.1	20.6	23.5
Not reported ..... 1997..	176	51	209	82	4	12	94	29
1992..	163	49	185	88	3	15	109	34

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
FARMS								
Land in farms ..... farms, 1997..	108	413	597	348	418	335	1 058	954
1992..	84	402	592	309	442	289	1 135	900
acres, 1997..	26 624	77 103	111 974	109 661	79 667	90 027	209 715	237 771
1992..	23 290	73 437	121 153	110 014	89 173	88 322	217 095	224 030
Harvested cropland ..... farms, 1997..	76	365	488	312	335	299	926	786
1992..	68	357	512	283	372	254	1 025	800
acres, 1997..	7 616	44 358	57 535	49 565	54 793	54 266	188 144	159 105
1992..	6 251	39 587	59 412	46 486	62 069	50 076	189 620	140 805
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	80	253	372	185	251	198	533	559
1992..	57	260	367	148	279	157	557	516
acres, 1997..	10 780	29 967	45 416	32 387	24 364	29 094	31 968	64 395
1992..	12 011	30 216	48 264	31 312	26 936	28 948	30 501	63 746
Harvested cropland ..... farms, 1997..	51	211	276	152	178	167	414	411
1992..	41	223	296	129	213	127	455	432
acres, 1997..	1 801	11 753	15 016	7 537	10 198	12 907	21 729	24 405
1992..	2 100	13 246	14 869	6 597	11 160	11 370	20 792	28 836
Part owners ..... farms, 1997..	23	145	211	155	142	129	418	329
1992..	24	125	203	155	132	118	449	341
acres, 1997..	14 765	45 408	64 608	74 667	50 164	59 839	155 412	159 172
1992..	10 459	40 345	69 497	78 171	56 784	56 538	158 280	145 826
Owned land in farms ..... acres, 1997..	12 209	26 595	34 068	50 728	22 437	38 790	53 722	80 694
1992..	8 548	25 457	38 704	54 006	24 800	37 584	57 397	81 573
Rented land in farms ..... acres, 1997..	2 556	18 813	30 540	23 939	27 727	21 049	101 690	78 478
1992..	1 911	14 888	30 793	24 165	31 984	18 954	100 883	64 253
Harvested cropland ..... farms, 1997..	21	141	202	152	136	124	412	321
1992..	24	118	199	149	130	115	444	330
acres, 1997..	5 554	31 280	41 228	40 752	40 147	40 428	145 706	122 658
1992..	3 709	24 134	42 287	39 644	46 062	36 960	142 509	101 960
Tenants ..... farms, 1997..	5	15	14	8	25	8	107	66
1992..	3	17	22	6	31	14	129	43
acres, 1997..	1 079	1 728	1 950	2 607	5 139	1 094	22 335	14 204
1992..	820	2 876	3 392	531	5 453	2 836	28 314	14 458
Harvested cropland ..... farms, 1997..	4	13	10	8	21	8	100	54
1992..	3	16	17	5	29	12	126	38
acres, 1997..	261	1 325	1 291	1 276	4 448	931	20 709	12 042
1992..	442	2 207	2 256	245	4 847	1 746	26 319	10 009
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	88	332	490	292	355	275	846	794
1992..	70	345	518	276	348	246	910	757
Not on farm operated ..... 1997..	12	48	64	45	47	43	159	92
1992..	9	38	52	13	71	26	167	91
Not reported ..... 1997..	8	33	43	11	16	17	53	68
1992..	5	19	22	20	23	17	58	52
Operators by principal occupation:								
Farming ..... 1997..	33	190	261	177	169	191	470	460
1992..	29	205	303	190	171	187	502	507
Other ..... 1997..	75	223	336	171	249	144	588	494
1992..	55	197	289	119	271	102	633	393
Operators by days worked off farm:								
None ..... 1997..	28	149	224	150	151	150	371	413
1992..	30	137	217	145	143	141	390	387
Any ..... 1997..	75	252	338	181	253	161	648	500
1992..	53	244	335	144	276	125	694	468
1 to 49 days ..... 1997..	8	23	31	15	25	17	49	41
1992..	3	37	45	16	19	8	69	44
50 to 99 days ..... 1997..	2	17	11	9	12	8	23	33
1992..	2	10	16	7	4	14	27	15
100 to 149 days ..... 1997..	7	18	14	13	10	10	23	33
1992..	3	15	21	5	9	11	30	20
150 to 199 days ..... 1997..	7	32	38	20	17	12	44	44
1992..	6	32	45	23	30	14	46	36
200 days or more ..... 1997..	51	162	244	124	189	114	509	349
1992..	39	150	208	93	214	78	522	353
Not reported ..... 1997..	5	12	35	17	14	24	39	41
1992..	1	21	40	20	23	23	51	45
Operators by years on present farm:								
2 years or less ..... 1997..	5	24	23	11	18	13	43	55
1992..	2	6	25	8	27	9	36	52
3 or 4 years ..... 1997..	9	18	28	22	12	11	64	59
1992..	7	27	24	10	16	17	82	63
5 to 9 years ..... 1997..	18	45	69	52	63	37	128	120
1992..	14	52	74	50	56	32	147	108
10 years or more ..... 1997..	59	257	376	222	270	231	666	569
1992..	50	260	374	193	278	198	667	542
Average years on present farm ..... 1997..	17.3	20.8	22.1	20.5	20.7	22.1	21.6	21.8
1992..	17.7	21.4	20.5	21.4	19.7	21.9	21.5	20.6
Not reported ..... 1997..	17	69	101	41	55	43	157	151
1992..	11	57	95	48	65	33	203	135

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
FARMS								
Land in farms ..... farms, 1997..	103	410	670	544	573	261	92	496
1992..	112	417	667	503	594	261	95	458
acres, 1997..	21 025	73 113	122 294	45 366	127 994	73 239	32 516	108 250
1992..	22 056	73 661	115 338	48 236	129 083	75 345	32 980	108 726
Harvested cropland ..... farms, 1997..	82	333	579	333	523	230	86	423
1992..	96	354	590	344	549	236	91	415
acres, 1997..	9 864	46 071	70 695	24 121	67 165	40 469	11 387	51 420
1992..	8 654	43 768	62 072	25 837	62 665	40 209	10 842	48 874
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	68	285	404	399	363	134	47	292
1992..	79	279	387	350	377	138	49	256
acres, 1997..	10 266	31 836	49 541	16 961	50 510	24 099	12 133	43 027
1992..	11 765	33 054	39 783	14 823	51 923	22 224	12 668	40 718
Harvested cropland ..... farms, 1997..	49	213	325	211	321	108	42	229
1992..	65	223	325	211	340	118	45	221
acres, 1997..	3 313	14 049	20 748	4 089	19 494	6 874	2 438	15 143
1992..	3 241	14 267	14 332	3 811	19 177	7 481	2 875	13 915
Part owners ..... farms, 1997..	31	108	247	104	183	111	45	189
1992..	30	124	262	100	180	116	46	187
acres, 1997..	9 498	36 660	70 556	22 169	70 507	43 586	20 383	63 941
1992..	9 361	37 909	72 064	24 664	69 215	47 823	20 312	66 499
Owned land in farms ..... acres, 1997..	6 165	21 873	39 128	6 674	47 820	28 294	13 571	37 599
1992..	5 913	20 742	44 216	8 985	48 592	31 419	13 842	39 534
Rented land in farms ..... acres, 1997..	3 333	14 787	31 428	15 495	22 687	15 292	6 812	26 342
1992..	3 448	17 167	27 848	15 679	20 623	16 404	6 470	26 965
Harvested cropland ..... farms, 1997..	29	105	239	91	177	107	44	183
1992..	29	117	250	92	177	111	46	179
acres, 1997..	5 482	28 037	48 881	15 342	43 258	28 917	8 949	35 552
1992..	(D)	27 499	45 751	16 057	38 589	(D)	7 967	34 493
Tenants ..... farms, 1997..	4	17	19	41	27	16	–	15
1992..	3	14	18	53	37	7	–	15
acres, 1997..	1 261	4 617	2 197	6 236	6 977	5 554	–	1 282
1992..	930	2 698	3 491	8 749	7 945	5 298	–	1 509
Harvested cropland ..... farms, 1997..	4	15	15	31	25	15	–	11
1992..	2	14	15	41	32	7	–	15
acres, 1997..	1 069	3 985	1 066	4 690	4 413	4 678	–	725
1992..	(D)	2 002	1 989	5 969	4 899	(D)	–	466
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	78	339	552	430	457	221	75	405
1992..	97	343	563	420	462	217	84	392
Not on farm operated ..... 1997..	11	52	84	95	83	29	9	58
1992..	8	59	76	61	100	34	7	43
Not reported ..... 1997..	14	19	34	19	33	11	8	33
1992..	7	15	28	22	32	10	4	23
Operators by principal occupation:								
Farming ..... 1997..	44	184	317	189	295	131	52	225
1992..	55	178	332	206	284	161	51	242
Other ..... 1997..	59	226	353	355	278	130	40	271
1992..	57	239	335	297	310	100	44	216
Operators by days worked off farm:								
None ..... 1997..	34	152	259	182	216	121	41	165
1992..	51	155	254	180	204	129	37	173
Any ..... 1997..	65	241	382	338	328	134	46	313
1992..	58	241	380	299	358	108	54	255
1 to 49 days ..... 1997..	5	19	30	25	37	5	7	33
1992..	4	17	38	23	41	11	6	25
50 to 99 days ..... 1997..	1	6	10	20	19	11	4	13
1992..	1	3	17	11	21	8	2	11
100 to 149 days ..... 1997..	–	12	21	25	24	11	6	20
1992..	3	16	19	16	18	7	4	17
150 to 199 days ..... 1997..	6	23	44	40	28	11	5	45
1992..	6	30	39	40	36	11	9	28
200 days or more ..... 1997..	53	181	277	228	220	96	24	202
1992..	44	175	267	209	242	71	33	174
Not reported ..... 1997..	4	17	29	24	29	6	5	18
1992..	3	21	33	24	32	24	4	30
Operators by years on present farm:								
2 years or less ..... 1997..	6	21	35	23	25	11	3	28
1992..	9	24	28	18	28	9	5	24
3 or 4 years ..... 1997..	3	22	47	38	44	16	9	29
1992..	6	39	35	24	42	17	4	21
5 to 9 years ..... 1997..	17	54	83	68	59	28	8	63
1992..	10	55	84	94	62	20	12	46
10 years or more ..... 1997..	50	258	423	333	369	178	59	307
1992..	74	256	431	305	383	177	65	305
Average years on present farm ..... 1997..	18.4	20.0	20.3	18.3	20.8	22.9	22.2	20.7
1992..	22.5	17.8	20.0	18.3	20.1	22.6	20.6	21.5
Not reported ..... 1997..	27	55	82	82	76	28	13	69
1992..	13	43	89	62	79	38	9	62

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
FARMS								
Land in farms ..... farms, 1997..	80	139	1 292	296	36	1 163	940	791
1992..	76	133	1 367	278	36	1 294	988	855
acres, 1997..	13 904	34 450	170 627	82 466	4 139	297 842	162 887	217 345
1992..	14 081	36 272	176 305	79 921	3 786	318 125	181 569	234 823
Harvested cropland ..... farms, 1997..	66	113	1 096	265	27	1 036	809	664
1992..	66	111	1 220	256	26	1 231	883	744
acres, 1997..	5 110	12 215	119 789	38 626	1 880	257 817	118 551	170 772
1992..	5 505	11 638	112 242	33 261	1 790	273 755	126 028	175 391
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	53	95	810	178	24	605	547	440
1992..	44	82	837	145	27	618	565	512
acres, 1997..	7 732	(D)	48 629	33 772	1 542	54 238	39 563	49 165
1992..	7 275	17 608	58 019	26 953	(D)	51 120	43 962	63 409
Harvested cropland ..... farms, 1997..	41	74	641	154	16	490	422	331
1992..	35	61	714	127	17	558	469	411
acres, 1997..	2 319	(D)	22 620	10 547	394	35 787	17 959	25 098
1992..	2 059	3 264	27 223	7 199	533	35 839	20 650	34 719
Part owners ..... farms, 1997..	22	42	409	110	12	468	343	278
1992..	28	41	442	127	8	576	374	276
acres, 1997..	5 166	15 118	113 744	47 775	2 597	219 390	116 625	154 120
1992..	5 536	15 887	109 274	52 604	1 799	248 966	131 799	148 825
Owned land in farms ..... acres, 1997..	2 563	7 565	61 039	26 340	1 282	88 900	49 341	74 354
1992..	3 534	8 757	63 928	29 673	955	105 957	53 279	72 848
Rented land in farms ..... acres, 1997..	2 603	7 553	52 705	21 435	1 315	130 490	67 284	79 766
1992..	2 002	7 130	45 346	22 931	844	143 009	78 520	75 977
Harvested cropland ..... farms, 1997..	21	37	390	105	11	459	342	268
1992..	27	40	428	124	8	574	368	271
acres, 1997..	2 182	6 671	90 276	27 592	1 486	199 413	94 694	132 729
1992..	3 154	6 823	78 265	25 846	(D)	221 866	101 112	120 557
Tenants ..... farms, 1997..	5	2	73	8	–	90	50	73
1992..	4	10	88	6	1	100	49	67
acres, 1997..	1 006	(D)	8 254	919	–	24 214	6 699	14 060
1992..	1 270	2 777	9 012	364	(D)	18 039	5 808	22 589
Harvested cropland ..... farms, 1997..	4	2	65	6	–	87	45	65
1992..	4	10	78	5	1	99	46	62
acres, 1997..	609	(D)	6 893	487	–	22 617	5 898	12 945
1992..	292	1 551	6 754	216	(D)	16 050	4 266	20 115
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	69	114	1 024	221	26	920	782	633
1992..	68	112	1 090	236	23	1 044	838	698
Not on farm operated ..... 1997..	4	18	182	43	5	170	105	113
1992..	4	15	209	29	7	184	111	111
Not reported ..... 1997..	7	7	86	32	5	73	53	45
1992..	4	6	68	13	6	66	39	46
Operators by principal occupation:								
Farming ..... 1997..	43	50	658	143	14	640	426	413
1992..	53	59	724	167	13	724	464	456
Other ..... 1997..	37	89	634	153	22	523	514	378
1992..	23	74	643	111	23	570	524	399
Operators by days worked off farm:								
None ..... 1997..	28	43	509	121	8	498	349	287
1992..	28	45	516	131	12	532	352	321
Any ..... 1997..	46	89	713	160	23	605	558	467
1992..	43	83	782	130	24	690	586	481
1 to 49 days ..... 1997..	2	5	73	15	2	68	33	43
1992..	14	7	74	16	2	71	42	49
50 to 99 days ..... 1997..	4	4	35	7	–	42	23	27
1992..	1	5	40	4	4	46	23	26
100 to 149 days ..... 1997..	7	5	44	10	3	31	33	17
1992..	2	8	50	6	1	31	26	23
150 to 199 days ..... 1997..	6	8	55	14	2	47	52	38
1992..	7	9	66	14	3	61	54	42
200 days or more ..... 1997..	27	67	506	114	16	417	417	342
1992..	19	54	552	90	14	481	441	341
Not reported ..... 1997..	6	7	70	15	5	60	33	37
1992..	5	5	69	17	–	72	50	53
Operators by years on present farm:								
2 years or less ..... 1997..	5	9	45	8	1	51	38	33
1992..	5	8	50	8	4	39	36	43
3 or 4 years ..... 1997..	7	4	55	17	2	48	60	41
1992..	10	11	98	16	3	85	60	65
5 to 9 years ..... 1997..	14	19	162	30	4	103	123	107
1992..	7	13	193	31	3	150	148	121
10 years or more ..... 1997..	40	84	833	183	14	757	562	491
1992..	42	80	837	182	14	832	596	506
Average years on present farm ..... 1997..	18.7	20.5	20.8	22.4	20.6	23.4	21.1	20.3
1992..	20.5	22.2	18.8	22.1	17.2	22.2	20.7	19.4
Not reported ..... 1997..	14	23	197	58	15	204	157	119
1992..	12	21	189	41	12	188	148	120

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
FARMS								
Land in farms ..... farms, 1997..	1 448	45	915	1 140	1 059	1 030	303	251
1992..	1 433	49	1 086	1 128	1 164	1 057	303	178
acres, 1997..	429 706	15 742	214 153	333 099	177 360	180 223	39 102	43 321
1992..	444 407	13 908	236 799	324 111	206 781	188 958	22 488	31 427
Harvested cropland ..... farms, 1997..	1 182	38	800	948	936	826	209	214
1992..	1 286	40	1 005	1 008	1 064	904	243	144
acres, 1997..	334 433	5 037	170 733	267 218	111 235	134 302	22 740	21 581
1992..	334 227	4 286	178 147	262 996	117 357	126 536	15 517	12 688
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	767	23	494	586	751	603	210	190
1992..	717	27	592	535	822	608	201	131
acres, 1997..	95 967	(D)	49 109	64 015	61 335	44 344	10 058	25 016
1992..	96 648	(D)	60 262	63 941	71 559	52 115	6 911	(D)
Harvested cropland ..... farms, 1997..	532	17	390	412	639	418	124	158
1992..	597	22	523	433	734	476	149	99
acres, 1997..	52 586	(D)	30 368	33 223	22 972	20 720	4 332	8 574
1992..	57 253	1 007	35 859	38 872	30 027	24 196	3 335	5 014
Part owners ..... farms, 1997..	582	20	355	451	256	368	68	58
1992..	591	20	430	475	298	362	81	43
acres, 1997..	303 120	10 018	152 396	239 294	105 561	123 600	23 021	18 247
1992..	312 812	8 966	165 494	226 244	110 278	118 902	11 933	13 291
Owned land in farms ..... acres, 1997..	165 945	6 065	70 217	108 711	45 834	56 550	7 789	9 970
1992..	171 415	5 795	83 346	106 211	58 104	56 341	3 460	8 925
Rented land in farms ..... acres, 1997..	137 175	3 953	82 179	130 583	59 727	67 050	15 232	8 277
1992..	141 397	3 171	82 148	120 033	52 174	62 561	8 473	4 366
Harvested cropland ..... farms, 1997..	566	19	348	442	248	353	65	56
1992..	576	17	422	462	291	352	78	42
acres, 1997..	255 043	3 869	130 864	206 879	80 323	102 556	15 962	13 007
1992..	248 563	(D)	132 962	192 619	71 356	88 730	9 237	(D)
Tenants ..... farms, 1997..	99	2	66	103	52	59	25	3
1992..	125	2	64	118	44	87	21	4
acres, 1997..	30 619	(D)	12 648	29 790	10 464	12 279	6 023	58
1992..	34 947	(D)	11 043	33 926	24 944	17 941	3 644	(D)
Harvested cropland ..... farms, 1997..	84	2	62	94	49	55	20	–
1992..	113	1	60	113	39	76	16	3
acres, 1997..	26 804	(D)	9 501	27 116	7 940	11 026	2 446	–
1992..	28 411	(D)	9 326	31 505	15 974	13 610	2 945	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	1 154	36	762	910	838	865	199	182
1992..	1 191	41	892	916	922	895	238	155
Not on farm operated ..... 1997..	190	2	106	163	174	127	64	54
1992..	150	5	115	141	191	113	52	17
Not reported ..... 1997..	104	7	47	67	47	38	40	15
1992..	92	3	79	71	51	49	13	6
Operators by principal occupation:								
Farming ..... 1997..	898	20	413	611	530	478	137	103
1992..	1 003	30	547	662	594	509	149	79
Other ..... 1997..	550	25	502	529	529	552	166	148
1992..	430	19	539	466	570	548	154	99
Operators by days worked off farm:								
None ..... 1997..	665	12	344	482	414	386	127	100
1992..	749	19	408	478	464	386	129	60
Any ..... 1997..	686	30	532	605	605	591	162	143
1992..	603	27	610	579	646	621	155	108
1 to 49 days ..... 1997..	89	1	30	60	61	43	12	11
1992..	77	2	37	74	67	44	15	15
50 to 99 days ..... 1997..	36	3	23	33	32	25	9	7
1992..	39	2	17	26	35	32	7	8
100 to 149 days ..... 1997..	31	1	27	28	51	34	12	11
1992..	38	1	36	33	33	31	10	8
150 to 199 days ..... 1997..	88	2	43	47	64	56	11	21
1992..	60	8	54	60	69	70	19	15
200 days or more ..... 1997..	442	23	409	437	397	433	118	93
1992..	389	14	466	386	442	444	104	62
Not reported ..... 1997..	97	3	39	53	40	53	14	8
1992..	81	3	68	71	54	50	19	10
Operators by years on present farm:								
2 years or less ..... 1997..	66	1	47	46	56	31	6	17
1992..	63	1	36	45	44	35	16	7
3 or 4 years ..... 1997..	60	–	52	62	54	61	22	9
1992..	68	3	65	65	84	59	13	7
5 to 9 years ..... 1997..	171	9	89	143	148	127	33	33
1992..	129	8	114	121	150	151	57	26
10 years or more ..... 1997..	916	26	597	712	661	689	164	152
1992..	925	27	678	718	738	677	177	117
Average years on present farm ..... 1997..	23.5	18.6	22.8	22.2	20.2	21.8	19.4	21.4
1992..	23.2	18.8	22.9	22.0	19.9	20.4	19.0	21.7
Not reported ..... 1997..	235	9	130	177	140	122	78	40
1992..	248	10	193	179	148	135	40	21

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
OPERATOR CHARACTERISTICS—Con.							
Operators by age group:							
Under 25 years ..... 1997..	459	1	1	11	5	–	5
1992..	643	1	–	21	4	1	9
25 to 34 years ..... 1997..	3 114	6	4	109	34	22	24
1992..	4 610	7	6	180	49	19	22
35 to 44 years ..... 1997..	9 770	38	16	294	88	50	57
1992..	10 219	33	9	373	79	54	48
45 to 54 years ..... 1997..	11 884	51	18	355	99	75	75
1992..	11 295	41	14	343	93	63	71
55 to 59 years ..... 1997..	5 598	21	2	176	58	33	37
1992..	5 172	30	6	129	32	22	32
60 to 64 years ..... 1997..	4 812	28	7	113	43	24	34
1992..	4 910	32	4	153	37	31	31
65 to 69 years ..... 1997..	3 901	22	5	128	30	24	28
1992..	3 981	24	11	110	32	19	20
70 years and over ..... 1997..	6 489	40	7	151	55	33	65
1992..	5 732	41	8	160	53	38	43
Average age ..... 1997..	53.3	56.5	51.0	52.2	52.8	53.2	55.3
1992..	51.9	57.4	54.2	50.4	51.5	53.6	53.1
Operators by sex:							
Male ..... farms, 1997..	42 094	189	59	1 237	388	238	288
1992..	43 435	196	56	1 355	352	230	261
acres, 1997..	9 485 557	41 203	(D)	231 162	73 182	52 403	78 348
1992..	9 739 656	41 479	(D)	238 849	72 507	49 020	79 499
Female ..... farms, 1997..	3 933	18	1	100	24	23	37
1992..	3 127	13	2	114	27	17	15
acres, 1997..	387 255	2 180	(D)	5 774	4 865	2 763	7 892
1992..	348 514	1 093	(D)	7 554	4 986	2 497	2 919
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ..... farms, 1997..	40 190	190	54	1 137	387	221	288
1992..	40 654	194	53	1 251	360	217	248
acres, 1997..	7 205 435	39 884	12 850	149 597	71 268	37 301	60 518
1992..	7 462 640	38 784	13 290	164 041	71 897	39 497	61 353
Partnership ..... farms, 1997..	3 778	13	3	139	17	28	30
1992..	4 316	11	2	168	16	24	25
acres, 1997..	1 717 866	2 809	1 367	63 854	(D)	10 090	17 663
1992..	1 896 429	3 013	(D)	65 519	(D)	(D)	17 705
Corporation:							
Family held ..... farms, 1997..	1 662	4	2	53	6	11	6
1992..	1 294	4	2	38	3	5	2
acres, 1997..	842 331	690	(D)	21 128	887	(D)	(D)
1992..	619 314	775	(D)	14 029	(D)	3 710	(D)
Other than family held ..... farms, 1997..	172	–	–	3	2	–	–
1992..	137	–	–	4	–	1	1
acres, 1997..	41 864	–	–	(D)	(D)	–	–
1992..	49 500	–	–	(D)	–	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	225	–	1	5	–	1	1
1992..	161	–	1	8	–	–	–
acres, 1997..	65 316	–	(D)	(D)	–	(D)	(D)
1992..	60 287	–	(D)	(D)	–	–	–

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
OPERATOR CHARACTERISTICS—Con.							
Operators by age group:							
Under 25 years ..... 1997..	–	8	8	–	19	14	10
1992..	–	3	21	–	19	16	14
25 to 34 years ..... 1997..	2	47	84	6	58	99	72
1992..	4	68	102	2	112	129	93
35 to 44 years ..... 1997..	7	197	155	20	208	200	217
1992..	20	201	194	27	240	166	206
45 to 54 years ..... 1997..	16	210	185	34	271	237	214
1992..	13	195	158	31	270	228	290
55 to 59 years ..... 1997..	8	103	70	19	152	112	179
1992..	8	96	101	13	119	111	138
60 to 64 years ..... 1997..	10	111	77	20	109	98	129
1992..	1	94	94	17	139	95	134
65 to 69 years ..... 1997..	–	72	60	17	108	59	113
1992..	–	59	54	11	159	73	89
70 years and over ..... 1997..	11	133	91	24	257	161	151
1992..	11	117	71	19	254	117	116
Average age ..... 1997..	56.8	53.9	51.8	56.6	55.9	52.8	54.4
1992..	51.3	52.5	49.8	54.9	54.8	51.1	52.4
Operators by sex:							
Male ..... farms, 1997..	48	792	687	124	1 072	924	995
1992..	52	777	757	108	1 201	902	994
acres, 1997..	14 170	157 033	165 804	21 071	168 255	228 326	232 267
1992..	13 533	160 680	176 228	18 758	160 609	221 673	233 932
Female ..... farms, 1997..	6	89	43	16	110	56	90
1992..	5	56	38	12	111	33	86
acres, 1997..	818	7 782	10 127	1 485	5 703	5 750	10 884
1992..	571	4 691	4 824	1 086	6 277	5 992	10 995
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ..... farms, 1997..	49	795	633	130	1 039	886	942
1992..	55	734	676	108	1 181	857	954
acres, 1997..	12 375	128 232	125 190	18 818	127 025	184 521	174 241
1992..	(D)	121 554	132 200	15 899	131 742	186 245	175 412
Partnership ..... farms, 1997..	3	60	65	6	106	65	98
1992..	1	80	77	8	89	65	96
acres, 1997..	(D)	27 793	(D)	1 938	35 666	39 209	48 844
1992..	(D)	38 582	28 450	2 593	25 506	32 751	53 885
Corporation:							
Family held ..... farms, 1997..	2	16	31	4	25	16	29
1992..	1	14	39	4	32	8	26
acres, 1997..	(D)	4 249	16 315	1 800	9 018	7 746	17 571
1992..	(D)	3 818	(D)	1 352	5 985	8 135	15 481
Other than family held ..... farms, 1997..	–	1	1	–	5	1	7
1992..	–	3	2	–	4	2	1
acres, 1997..	–	(D)	(D)	–	517	(D)	825
1992..	–	(D)	(D)	–	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	–	9	–	–	7	12	9
1992..	–	2	1	–	6	3	3
acres, 1997..	–	(D)	–	–	1 732	(D)	1 670
1992..	–	(D)	(D)	–	(D)	(D)	(D)

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
OPERATOR CHARACTERISTICS—Con.							
Operators by age group:							
Under 25 years ..... 1997..	6	1	1	2	1	14	–
1992..	17	–	2	3	4	10	–
25 to 34 years ..... 1997..	48	7	9	24	28	81	–
1992..	70	18	12	27	37	122	3
35 to 44 years ..... 1997..	155	40	48	69	72	245	3
1992..	157	33	41	72	58	259	3
45 to 54 years ..... 1997..	169	43	50	80	73	319	7
1992..	170	45	48	89	67	332	6
55 to 59 years ..... 1997..	84	28	31	39	46	126	7
1992..	68	24	22	39	44	121	1
60 to 64 years ..... 1997..	64	19	22	36	48	122	4
1992..	93	29	13	47	25	131	1
65 to 69 years ..... 1997..	58	23	18	36	28	69	1
1992..	60	18	14	19	21	94	2
70 years and over ..... 1997..	116	27	31	33	54	147	5
1992..	100	29	18	36	36	138	1
Average age ..... 1997..	53.9	55.3	54.2	52.9	54.0	52.5	57.3
1992..	52.1	54.4	51.6	52.1	51.2	51.6	48.5
Operators by sex:							
Male ..... farms, 1997..	634	162	193	293	313	1 061	23
1992..	686	181	162	316	275	1 155	13
acres, 1997..	171 134	29 062	48 759	88 973	59 536	239 287	2 343
1992..	182 344	38 557	40 057	90 514	57 698	251 625	1 122
Female ..... farms, 1997..	66	26	17	26	37	62	4
1992..	49	15	8	16	17	52	4
acres, 1997..	5 697	2 015	1 823	10 006	3 295	4 563	225
1992..	4 087	2 480	814	2 295	6 386	4 611	280
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ..... farms, 1997..	622	168	189	294	318	994	25
1992..	632	180	161	298	270	1 053	17
acres, 1997..	139 764	26 560	37 105	90 863	46 485	178 924	(D)
1992..	139 128	35 393	37 619	80 345	45 507	190 412	1 402
Partnership ..... farms, 1997..	56	13	12	21	25	102	1
1992..	85	12	4	32	13	132	–
acres, 1997..	26 454	3 242	5 967	7 612	11 499	48 064	(D)
1992..	40 013	4 863	(D)	(D)	9 610	52 242	–
Corporation:							
Family held ..... farms, 1997..	19	5	6	3	6	18	1
1992..	14	4	5	1	7	19	–
acres, 1997..	10 296	1 172	(D)	(D)	(D)	14 621	(D)
1992..	6 749	781	(D)	(D)	(D)	(D)	–
Other than family held ..... farms, 1997..	1	1	2	–	–	3	–
1992..	1	–	–	–	–	–	–
acres, 1997..	(D)	(D)	(D)	–	–	(D)	–
1992..	(D)	–	–	–	–	–	–
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	2	1	1	1	1	6	–
1992..	3	–	–	1	2	3	–
acres, 1997..	(D)	(D)	(D)	(D)	(D)	(D)	–
1992..	(D)	–	–	(D)	(D)	(D)	–

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years	1997	2	2	15	–	7	3	–
	1992	2	1	15	4	9	–	–
25 to 34 years	1997	16	6	66	16	30	28	1
	1992	22	7	98	12	66	36	2
35 to 44 years	1997	52	25	217	33	183	88	15
	1992	49	17	272	39	162	78	15
45 to 54 years	1997	65	37	275	67	206	95	14
	1992	71	26	241	46	202	105	12
55 to 59 years	1997	33	17	129	23	105	49	4
	1992	25	4	139	18	88	41	5
60 to 64 years	1997	22	3	113	20	78	40	2
	1992	26	14	112	21	89	42	5
65 to 69 years	1997	31	11	108	24	70	44	5
	1992	16	13	85	18	75	39	4
70 years and over	1997	32	15	139	24	117	77	7
	1992	26	17	107	30	108	59	7
Average age	1997	53.7	52.8	53.3	53.7	54.1	54.8	52.9
	1992	51.6	55.2	51.0	53.9	53.0	53.5	52.9
Operators by sex:								
Male	farms, 1997	235	104	968	181	689	394	43
	1992	224	90	985	172	719	379	42
	acres, 1997	67 711	26 739	221 837	36 787	112 531	65 379	3 762
	1992	69 687	26 869	221 751	37 603	132 447	59 214	5 405
Female	farms, 1997	18	12	94	26	107	30	5
	1992	13	9	84	16	80	21	8
	acres, 1997	2 521	1 559	10 033	3 328	5 437	2 657	435
	1992	3 090	1 546	12 170	2 762	4 635	2 321	560
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms, 1997	227	98	960	176	694	396	43
	1992	204	85	973	171	704	366	45
	acres, 1997	56 424	21 375	183 611	32 350	81 226	61 994	3 799
	1992	60 369	22 561	187 713	32 507	90 229	52 833	5 556
Partnership	farms, 1997	21	16	71	18	58	24	2
	1992	30	11	81	11	69	30	5
	acres, 1997	10 743	(D)	30 959	5 384	24 653	(D)	(D)
	1992	(D)	(D)	37 152	7 498	39 446	6 735	409
Corporation:								
Family held	farms, 1997	5	2	23	13	36	3	3
	1992	3	2	11	5	24	2	–
	acres, 1997	3 065	(D)	16 351	2 381	10 931	957	(D)
	1992	(D)	(D)	8 704	(D)	7 283	(D)	–
Other than family held	farms, 1997	–	–	2	–	4	1	–
	1992	–	1	2	–	1	2	–
	acres, 1997	–	–	(D)	–	870	(D)	–
	1992	–	(D)	(D)	–	(D)	(D)	–
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	–	–	6	–	4	–	–
	1992	–	–	2	1	1	–	–
	acres, 1997	–	–	(D)	–	288	–	–
	1992	–	–	(D)	(D)	(D)	–	–

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1997	3	22	21	–	22	9	5	2
	1992	–	14	20	–	37	4	20	2
25 to 34 years	1997	17	81	78	8	112	45	66	11
	1992	22	132	89	11	199	65	114	12
35 to 44 years	1997	95	189	240	36	280	157	241	47
	1992	96	186	235	47	304	165	209	42
45 to 54 years	1997	93	219	300	41	310	224	285	52
	1992	97	246	247	26	298	213	275	43
55 to 59 years	1997	52	105	146	13	134	122	119	19
	1992	57	93	119	14	157	107	108	27
60 to 64 years	1997	54	84	134	11	125	94	101	35
	1992	47	81	77	22	107	87	98	21
65 to 69 years	1997	37	70	101	11	58	68	77	25
	1992	41	69	99	8	85	76	78	25
70 years and over	1997	62	103	216	8	143	108	110	47
	1992	49	93	132	11	138	118	105	34
Average age	1997	54.4	51.5	54.3	50.3	51.1	53.8	52.2	56.1
	1992	53.5	50.0	51.8	50.5	49.1	53.5	50.8	54.9
Operators by sex:									
Male	farms, 1997	373	851	1 158	115	1 145	734	925	212
	1992	374	887	958	129	1 274	767	964	197
	acres, 1997	58 498	271 933	250 824	22 093	417 103	181 404	228 734	40 323
	1992	63 853	274 352	224 676	27 495	430 433	189 439	250 967	46 444
Female	farms, 1997	40	22	78	13	39	93	79	26
	1992	35	27	60	10	51	68	43	9
	acres, 1997	3 269	4 900	6 645	1 033	7 019	9 001	7 918	2 344
	1992	2 936	3 048	6 881	1 666	8 481	4 249	3 826	864
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1997	360	764	1 120	114	1 001	711	898	219
	1992	332	787	894	122	1 141	701	878	191
	acres, 1997	43 669	201 534	210 479	17 210	270 743	121 398	178 733	38 025
	1992	43 526	206 686	183 263	21 847	310 705	115 163	185 294	37 722
Partnership	farms, 1997	29	82	91	9	96	74	87	13
	1992	41	103	105	11	113	100	114	12
	acres, 1997	11 474	50 891	39 550	(D)	54 280	50 789	52 383	4 223
	1992	14 976	58 345	41 468	(D)	61 296	59 972	61 634	(D)
Corporation:									
Family held	farms, 1997	20	18	14	5	78	27	15	6
	1992	29	14	9	5	65	26	13	2
	acres, 1997	6 026	(D)	6 137	(D)	98 507	12 518	4 356	419
	1992	7 341	8 322	(D)	2 479	65 900	14 797	(D)	(D)
Other than family held	farms, 1997	3	1	6	–	7	4	–	–
	1992	3	3	2	1	4	1	–	1
	acres, 1997	(D)	(D)	910	–	(D)	(D)	–	–
	1992	(D)	(D)	(D)	(D)	(D)	(D)	–	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	1	8	5	–	2	11	4	–
	1992	4	7	8	–	2	7	2	–
	acres, 1997	(D)	(D)	393	–	(D)	(D)	1 180	–
	1992	(D)	(D)	(D)	–	(D)	(D)	(D)	–

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years ..... 1997..	–	14	4	5	1	9	–	2
1992..	–	14	9	10	–	18	–	–
25 to 34 years ..... 1997..	4	72	53	52	6	64	–	5
1992..	9	111	81	71	8	109	–	4
35 to 44 years ..... 1997..	24	186	187	124	25	284	2	21
1992..	17	187	193	166	15	322	–	23
45 to 54 years ..... 1997..	17	212	266	211	31	310	1	39
1992..	17	178	272	182	15	277	2	28
55 to 59 years ..... 1997..	9	113	131	77	18	120	–	16
1992..	9	103	133	102	12	130	–	8
60 to 64 years ..... 1997..	7	93	120	86	21	115	1	9
1992..	7	110	90	64	15	130	1	7
65 to 69 years ..... 1997..	10	88	80	51	17	99	1	10
1992..	5	74	102	66	5	81	–	9
70 years and over ..... 1997..	15	133	146	90	20	135	–	24
1992..	11	106	161	84	9	123	–	22
Average age ..... 1997..	54.6	53.3	54.2	53.3	55.0	52.7	52.6	55.5
1992..	51.9	51.5	54.0	51.8	53.4	50.7	50.7	54.7
Operators by sex:								
Male ..... farms, 1997..	79	853	890	641	123	1 026	4	108
1992..	73	846	962	676	69	1 102	2	95
acres, 1997..	21 594	210 063	173 247	144 228	20 206	175 831	(D)	20 552
1992..	(D)	195 411	203 916	146 722	14 799	180 280	(D)	17 475
Female ..... farms, 1997..	7	58	97	55	16	110	1	18
1992..	2	37	79	69	10	88	1	6
acres, 1997..	2 229	6 588	8 040	2 699	1 169	10 622	(D)	2 419
1992..	(D)	4 322	6 722	7 760	1 277	10 426	(D)	572
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997..	79	803	878	578	122	963	5	116
1992..	67	784	892	630	70	995	2	94
acres, 1997..	21 041	159 137	133 482	106 986	15 648	126 046	(D)	19 389
1992..	26 495	147 947	138 902	120 563	12 265	132 377	(D)	14 851
Partnership ..... farms, 1997..	3	73	77	54	11	93	–	6
1992..	4	77	113	66	4	129	1	6
acres, 1997..	884	34 608	34 673	20 192	2 052	35 929	–	3 253
1992..	(D)	41 957	51 881	18 839	(D)	43 855	(D)	(D)
Corporation:								
Family held ..... farms, 1997..	4	31	23	51	3	69	–	1
1992..	4	18	24	35	3	54	–	1
acres, 1997..	1 898	22 365	10 575	15 131	(D)	23 912	–	(D)
1992..	(D)	9 010	14 477	(D)	(D)	10 229	–	(D)
Other than family held ..... farms, 1997..	–	2	2	7	1	4	–	2
1992..	–	–	2	10	2	5	–	–
acres, 1997..	–	(D)	(D)	432	(D)	(D)	–	(D)
1992..	–	–	(D)	9 195	(D)	(D)	–	–
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	–	2	7	6	2	7	–	1
1992..	–	4	10	4	–	7	–	–
acres, 1997..	–	(D)	(D)	4 186	(D)	(D)	–	(D)
1992..	–	819	(D)	(D)	–	(D)	–	–

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years ..... 1997..	3	–	11	2	–	2	–	2
1992..	16	2	28	5	1	1	7	3
25 to 34 years ..... 1997..	66	13	83	32	2	3	25	9
1992..	87	35	116	46	4	5	66	14
35 to 44 years ..... 1997..	233	90	241	124	9	14	108	51
1992..	246	91	268	137	5	24	108	47
45 to 54 years ..... 1997..	256	96	384	192	5	21	128	77
1992..	277	80	317	189	3	17	123	65
55 to 59 years ..... 1997..	108	38	167	93	3	12	56	35
1992..	142	37	141	81	2	6	61	22
60 to 64 years ..... 1997..	93	39	143	69	2	5	64	26
1992..	129	45	147	74	4	5	53	29
65 to 69 years ..... 1997..	106	36	116	49	3	7	42	29
1992..	103	45	103	56	5	4	60	19
70 years and over ..... 1997..	155	57	172	76	7	8	100	55
1992..	119	39	139	95	7	8	80	53
Average age ..... 1997..	53.7	54.1	53.6	53.6	54.2	52.7	55.2	56.4
1992..	52.2	52.4	51.7	53.4	55.7	49.9	52.6	55.2
Operators by sex:								
Male ..... farms, 1997..	895	332	1 217	539	29	66	463	257
1992..	994	341	1 203	622	30	63	505	225
acres, 1997..	169 095	59 549	328 821	91 553	(D)	20 360	65 843	44 057
1992..	182 330	60 574	325 219	115 601	(D)	20 776	68 196	44 349
Female ..... farms, 1997..	125	37	100	98	2	6	60	27
1992..	125	33	56	61	1	7	53	27
acres, 1997..	9 154	2 580	7 647	6 744	(D)	1 153	2 986	3 464
1992..	11 626	4 399	11 054	3 163	(D)	1 402	2 110	3 680
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997..	875	288	1 115	542	26	61	437	244
1992..	989	293	1 069	610	27	67	445	225
acres, 1997..	120 351	38 268	216 056	64 142	8 399	18 166	49 568	36 853
1992..	138 682	43 374	231 808	88 461	8 805	19 823	46 040	39 837
Partnership ..... farms, 1997..	78	39	125	54	3	10	41	24
1992..	86	44	132	49	1	3	68	14
acres, 1997..	35 482	11 372	69 548	29 269	(D)	(D)	13 963	(D)
1992..	38 928	11 458	70 650	(D)	(D)	2 355	19 539	(D)
Corporation:								
Family held ..... farms, 1997..	56	37	62	33	2	1	32	14
1992..	36	28	52	20	3	–	39	10
acres, 1997..	14 915	11 931	48 276	4 067	(D)	(D)	3 608	4 796
1992..	12 072	9 029	30 983	2 886	(D)	–	3 555	3 882
Other than family held ..... farms, 1997..	6	2	7	7	–	–	8	2
1992..	2	3	2	4	–	–	3	3
acres, 1997..	(D)	(D)	1 566	(D)	–	–	1 400	(D)
1992..	(D)	530	(D)	(D)	–	–	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	5	3	8	1	–	–	5	–
1992..	6	6	4	–	–	–	3	–
acres, 1997..	(D)	(D)	1 022	(D)	–	–	290	–
1992..	(D)	582	(D)	–	–	–	(D)	–

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years ..... 1997..	2	2	4	1	–	–	20	11
1992..	–	2	5	1	14	3	22	22
25 to 34 years ..... 1997..	6	26	45	23	42	24	89	65
1992..	5	40	64	19	30	29	148	86
35 to 44 years ..... 1997..	22	99	107	75	87	94	231	205
1992..	23	92	125	80	96	73	236	210
45 to 54 years ..... 1997..	41	102	156	101	99	75	237	254
1992..	26	99	139	75	113	61	246	248
55 to 59 years ..... 1997..	10	61	67	33	59	37	130	115
1992..	10	34	60	33	50	35	142	89
60 to 64 years ..... 1997..	5	35	61	39	39	36	136	97
1992..	12	44	55	40	53	35	122	84
65 to 69 years ..... 1997..	13	38	51	34	42	20	83	79
1992..	4	36	55	25	48	16	93	84
70 years and over ..... 1997..	9	50	106	42	50	49	132	128
1992..	4	55	89	36	38	37	126	77
Average age ..... 1997..	51.3	52.9	54.3	52.9	52.4	52.6	52.3	53.1
1992..	50.5	52.3	52.5	52.5	51.6	51.3	51.0	50.3
Operators by sex:								
Male ..... farms, 1997..	93	367	563	316	382	312	974	886
1992..	79	373	560	289	420	272	1 074	869
acres, 1997..	25 855	70 663	107 048	103 571	75 579	86 616	200 197	230 199
1992..	22 424	70 738	118 695	103 608	86 727	82 291	210 473	221 188
Female ..... farms, 1997..	15	46	34	32	36	23	84	68
1992..	5	29	32	20	22	17	61	31
acres, 1997..	769	6 440	4 926	6 090	4 088	3 411	9 518	7 572
1992..	866	2 699	2 458	6 406	2 446	6 031	6 622	2 842
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997..	93	367	537	309	387	285	916	867
1992..	77	347	530	281	400	244	1 009	799
acres, 1997..	20 432	56 758	87 533	89 480	63 635	64 603	154 718	175 553
1992..	18 739	56 229	94 501	89 153	70 747	61 990	161 470	170 804
Partnership ..... farms, 1997..	8	29	51	37	22	42	93	64
1992..	1	36	56	24	34	40	93	80
acres, 1997..	3 392	11 976	22 279	(D)	11 433	20 077	31 218	36 416
1992..	(D)	10 619	25 452	14 055	11 266	22 444	32 226	36 731
Corporation:								
Family held ..... farms, 1997..	6	14	4	2	8	7	43	16
1992..	3	17	2	2	7	2	30	15
acres, 1997..	(D)	7 474	1 550	(D)	(D)	(D)	22 971	22 838
1992..	(D)	(D)	(D)	(D)	(D)	(D)	23 327	15 949
Other than family held ..... farms, 1997..	–	1	1	–	–	–	3	3
1992..	–	–	2	–	–	–	3	3
acres, 1997..	–	(D)	(D)	–	–	–	682	2 742
1992..	–	–	(D)	–	–	–	72	330
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	1	2	4	–	1	1	3	4
1992..	3	2	2	2	1	3	–	3
acres, 1997..	(D)	(D)	(D)	–	(D)	(D)	126	222
1992..	2 036	(D)	(D)	(D)	(D)	(D)	–	216

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years ..... 1997..	–	3	6	2	4	–	1	2
1992..	2	6	–	4	2	1	–	4
25 to 34 years ..... 1997..	13	27	43	22	34	21	6	21
1992..	15	38	61	38	56	22	3	44
35 to 44 years ..... 1997..	23	93	174	99	128	58	14	109
1992..	21	99	180	94	129	49	24	101
45 to 54 years ..... 1997..	23	97	186	163	156	61	20	150
1992..	19	115	156	149	182	70	21	99
55 to 59 years ..... 1997..	11	52	67	82	90	34	12	51
1992..	10	57	76	56	65	31	9	47
60 to 64 years ..... 1997..	9	51	57	49	65	22	12	47
1992..	12	36	60	56	47	23	19	46
65 to 69 years ..... 1997..	8	32	48	48	29	18	12	44
1992..	15	26	55	40	48	28	6	58
70 years and over ..... 1997..	16	55	89	79	67	47	15	72
1992..	18	40	79	66	65	37	13	59
Average age ..... 1997..	52.3	53.8	51.8	54.4	52.6	53.6	56.6	53.5
1992..	53.5	50.7	51.5	53.1	51.8	53.8	54.6	53.0
Operators by sex:								
Male ..... farms, 1997..	92	378	618	442	534	237	85	458
1992..	102	378	630	423	558	240	88	437
acres, 1997..	18 093	71 300	116 663	40 839	123 411	68 295	30 521	103 053
1992..	20 557	71 095	112 544	45 849	122 670	70 333	31 587	105 479
Female ..... farms, 1997..	11	32	52	102	39	24	7	38
1992..	10	39	37	80	36	21	7	21
acres, 1997..	2 932	1 813	5 631	4 527	4 583	4 944	1 995	5 197
1992..	1 499	2 566	2 794	2 387	6 413	5 012	1 393	3 247
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997..	96	357	589	414	497	223	83	465
1992..	106	365	596	412	515	227	87	416
acres, 1997..	17 260	41 430	91 150	32 431	86 059	45 613	28 335	89 343
1992..	17 770	44 774	93 639	36 449	91 993	53 740	29 877	90 018
Partnership ..... farms, 1997..	5	28	51	43	41	26	8	28
1992..	6	36	52	33	49	29	8	39
acres, 1997..	(D)	10 891	15 750	6 365	20 190	14 842	(D)	13 982
1992..	4 286	12 385	16 332	5 381	20 225	17 331	3 103	17 117
Corporation:								
Family held ..... farms, 1997..	2	21	27	73	29	12	1	3
1992..	–	13	17	46	22	5	–	1
acres, 1997..	(D)	9 537	15 014	4 605	19 226	12 784	(D)	4 925
1992..	–	(D)	4 778	5 624	14 154	4 274	–	(D)
Other than family held ..... farms, 1997..	–	3	–	8	2	–	–	–
1992..	–	–	1	9	2	–	–	–
acres, 1997..	–	(D)	–	169	(D)	–	–	–
1992..	–	–	(D)	(D)	(D)	–	–	–
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	–	1	3	6	4	–	–	–
1992..	–	3	1	3	6	–	–	2
acres, 1997..	–	(D)	380	1 796	(D)	–	–	–
1992..	–	(D)	(D)	(D)	(D)	–	–	(D)

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years ..... 1997..	–	–	14	–	1	15	11	12
1992..	–	2	26	3	1	19	9	18
25 to 34 years ..... 1997..	10	9	99	11	2	81	60	73
1992..	10	18	176	19	2	157	72	113
35 to 44 years ..... 1997..	19	29	311	76	8	255	183	188
1992..	20	32	378	63	9	268	232	196
45 to 54 years ..... 1997..	20	40	353	71	8	292	259	211
1992..	14	25	300	73	5	306	250	203
55 to 59 years ..... 1997..	7	11	148	43	1	138	112	95
1992..	12	13	157	23	8	140	113	92
60 to 64 years ..... 1997..	9	15	136	33	5	121	94	70
1992..	3	12	110	19	5	137	104	92
65 to 69 years ..... 1997..	2	13	88	20	6	106	89	68
1992..	3	16	101	31	5	109	85	56
70 years and over ..... 1997..	13	22	143	42	5	155	132	74
1992..	14	15	119	47	1	158	123	85
Average age ..... 1997..	52.4	54.0	51.8	53.4	53.8	53.0	53.6	50.9
1992..	51.6	51.3	49.2	53.3	52.3	51.5	52.3	50.0
Operators by sex:								
Male ..... farms, 1997..	69	126	1 217	283	34	1 098	837	733
1992..	71	120	1 299	262	33	1 234	911	799
acres, 1997..	11 446	32 800	166 534	81 305	(D)	292 781	156 203	211 689
1992..	13 426	35 090	170 399	75 034	3 739	312 115	176 241	228 772
Female ..... farms, 1997..	11	13	75	13	2	65	103	58
1992..	5	13	68	16	3	60	77	56
acres, 1997..	2 458	1 650	4 093	1 161	(D)	5 061	6 684	5 656
1992..	655	1 182	5 906	4 887	47	6 010	5 328	6 051
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997..	72	121	1 031	257	33	1 014	843	694
1992..	74	114	1 111	237	32	1 130	905	749
acres, 1997..	11 854	27 324	108 509	60 839	3 938	216 690	116 523	170 501
1992..	(D)	26 721	112 521	60 620	3 464	231 562	138 713	174 726
Partnership ..... farms, 1997..	7	8	143	26	2	105	71	69
1992..	2	12	178	31	2	128	66	86
acres, 1997..	(D)	3 650	34 067	15 302	(D)	63 187	36 231	33 065
1992..	(D)	(D)	39 374	(D)	(D)	69 072	34 597	49 160
Corporation:								
Family held ..... farms, 1997..	1	7	99	12	1	32	22	23
1992..	–	6	63	9	–	27	12	17
acres, 1997..	(D)	3 239	19 479	(D)	(D)	15 215	7 973	12 712
1992..	–	2 726	16 242	4 239	–	16 964	2 064	10 066
Other than family held ..... farms, 1997..	–	1	17	–	–	3	3	1
1992..	–	1	12	1	2	2	4	1
acres, 1997..	–	(D)	(D)	–	–	(D)	(D)	(D)
1992..	–	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	–	2	2	1	–	9	1	4
1992..	–	–	3	–	–	7	1	2
acres, 1997..	–	(D)	(D)	(D)	–	(D)	(D)	(D)
1992..	–	–	(D)	–	–	(D)	(D)	(D)

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1997	22	1	14	16	10	8	2	–
	1992	34	4	17	20	8	3	2	2
25 to 34 years	1997	126	–	51	99	63	57	15	17
	1992	169	3	87	133	111	77	17	13
35 to 44 years	1997	320	7	194	251	209	194	52	56
	1992	286	12	237	250	241	217	66	42
45 to 54 years	1997	333	8	242	304	282	276	101	53
	1992	313	12	265	290	281	292	63	28
55 to 59 years	1997	144	13	104	140	137	137	41	19
	1992	172	5	99	123	103	105	33	23
60 to 64 years	1997	171	3	107	125	105	94	15	22
	1992	163	3	120	129	131	118	45	15
65 to 69 years	1997	115	6	81	78	95	93	31	28
	1992	119	6	100	80	119	103	31	23
70 years and over	1997	217	7	122	127	158	171	46	56
	1992	177	4	161	103	170	142	46	32
Average age	1997	52.8	56.5	53.4	51.8	53.8	54.7	54.2	55.4
	1992	51.6	49.9	52.9	50.4	53.2	53.3	54.5	54.6
Operators by sex:									
Male	farms, 1997	1 340	39	847	1 063	946	888	244	224
	1992	1 351	44	1 019	1 063	1 057	960	252	170
	acres, 1997	409 750	14 998	207 004	323 399	170 355	174 151	36 552	39 850
	1992	424 958	13 179	226 999	310 569	200 326	182 798	19 904	30 472
Female	farms, 1997	108	6	68	77	113	142	59	27
	1992	82	5	67	65	107	97	51	8
	acres, 1997	19 956	744	7 149	9 700	7 005	6 072	2 550	3 471
	1992	19 449	729	9 800	13 542	6 455	6 160	2 584	955
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1997	1 284	41	834	960	903	890	225	229
	1992	1 253	46	991	937	1 001	905	235	171
	acres, 1997	312 148	14 062	181 160	194 412	123 352	139 211	25 174	35 764
	1992	321 365	(D)	195 652	201 552	143 302	138 706	15 395	28 964
Partnership	farms, 1997	119	4	69	107	106	79	30	12
	1992	152	3	86	125	119	104	28	5
	acres, 1997	71 566	1 680	27 168	71 024	27 853	30 486	7 917	3 914
	1992	86 458	(D)	37 681	61 705	48 020	42 288	3 903	(D)
Corporation:									
Family held	farms, 1997	39	–	7	68	39	48	42	4
	1992	25	–	6	64	40	42	35	1
	acres, 1997	44 658	–	3 558	67 435	25 111	8 879	5 840	2 612
	1992	35 314	–	3 424	60 500	15 178	7 260	3 095	(D)
Other than family held	farms, 1997	2	–	1	2	7	6	3	–
	1992	1	–	1	1	4	6	4	1
	acres, 1997	(D)	–	(D)	(D)	279	368	(D)	–
	1992	(D)	–	(D)	(D)	281	704	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	4	–	4	3	4	7	3	6
	1992	2	–	2	1	–	–	1	–
	acres, 1997	(D)	–	(D)	(D)	765	1 279	(D)	1 031
	1992	(D)	–	(D)	(D)	–	–	(D)	–

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
FARMS AND LAND IN FARMS							
Land in farms ..... farms, 1997..	22 621	77	26	711	137	117	156
1992..	23 673	67	25	785	134	109	164
acres, 1997..	8 131 338	28 958	10 714	205 238	52 066	40 178	68 596
1992..	8 330 634	26 468	10 904	208 017	49 557	34 949	71 504
Average size of farm ..... acres, 1997..	359	376	412	289	380	343	440
1992..	352	395	436	265	370	321	436
Total cropland ..... farms, 1997..	22 070	77	25	673	136	110	156
1992..	23 124	64	25	739	134	107	164
acres, 1997..	6 904 398	21 081	6 456	180 786	42 280	26 250	60 322
1992..	7 088 682	19 453	5 751	180 115	41 142	25 079	59 506
Harvested cropland ..... farms, 1997..	21 647	75	25	654	132	106	156
1992..	22 684	58	25	724	131	100	161
acres, 1997..	6 255 735	14 092	4 913	165 762	31 998	18 612	54 243
1992..	6 025 895	10 514	3 562	156 694	29 418	16 626	49 631
Irrigated land ..... farms, 1997..	2 927	3	3	148	10	22	9
1992..	2 929	2	4	149	8	26	9
acres, 1997..	388 615	(D)	(D)	12 789	504	2 880	(D)
1992..	360 463	(D)	(D)	13 128	(D)	2 573	1 031
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... $1,000, 1997..	3 499 367	5 143	1 902	184 907	10 314	16 823	22 768
1992..	2 952 612	3 873	1 514	151 810	9 561	12 674	19 243
Average per farm ..... dollars, 1997..	154 696	66 790	73 158	260 067	75 286	143 789	145 951
1992..	124 725	57 803	60 562	193 388	71 352	116 277	117 338
1997 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms..	19 634	60	21	562	99	91	139
$1,000..	2 157 668	1 945	524	72 632	3 980	12 276	16 170
Grains ..... farms..	14 502	25	6	338	56	25	118
$1,000..	1 014 688	503	28	23 200	2 386	(D)	7 959
Corn for grain ..... farms..	11 242	10	–	269	32	17	89
$1,000..	462 811	103	–	13 530	912	150	2 866
Wheat ..... farms..	7 581	9	–	159	23	6	77
$1,000..	86 902	66	–	1 963	236	(D)	1 015
Soybeans ..... farms..	10 337	3	1	198	4	–	80
$1,000..	367 816	(D)	(D)	7 540	(D)	–	1 645
Sorghum for grain ..... farms..	4	–	–	–	–	–	–
$1,000..	(D)	–	–	–	–	–	–
Barley ..... farms..	250	1	4	2	9	–	2
$1,000..	(D)	(D)	7	(D)	(D)	–	(D)
Oats ..... farms..	1 304	10	1	33	26	6	19
$1,000..	3 830	65	(D)	80	222	(D)	(D)
Other grains ..... farms..	2 404	11	2	14	17	4	66
$1,000..	92 176	245	(D)	(D)	(D)	(D)	2 340
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	3	–	–	–	–	–	–
$1,000..	34	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	5 305	42	13	131	64	38	36
$1,000..	69 083	687	286	1 663	953	538	(D)
Vegetables, sweet corn, and melons ..... farms..	1 816	3	2	62	12	12	23
$1,000..	181 692	(D)	(D)	10 593	189	220	2 366
Fruits, nuts, and berries ..... farms..	2 100	1	4	102	6	39	1
$1,000..	228 780	(D)	(D)	8 395	133	5 173	(D)
Nursery and greenhouse crops ..... farms..	1 954	8	4	81	4	16	8
$1,000..	474 188	714	(D)	27 729	(D)	813	788
Other crops ..... farms..	1 554	2	3	10	7	5	46
$1,000..	189 203	(D)	66	1 051	(D)	(D)	4 640
Livestock, poultry, and their products ..... farms..	10 499	55	13	386	99	61	63
$1,000..	1 341 699	3 198	1 378	112 275	6 334	4 547	6 598
Poultry and poultry products ..... farms..	494	–	–	23	5	6	1
$1,000..	168 419	–	–	32 241	(D)	672	(D)
Dairy products ..... farms..	3 638	12	9	137	41	12	27
$1,000..	645 508	1 578	1 054	37 091	4 857	1 772	5 356
Cattle and calves ..... farms..	8 574	50	13	271	91	44	55
$1,000..	260 601	1 335	(D)	7 731	1 299	1 190	1 079
Hogs and pigs ..... farms..	1 781	2	–	104	8	3	6
$1,000..	226 920	(D)	–	34 318	71	(D)	150
Sheep, lambs, and wool ..... farms..	531	2	1	11	5	3	1
$1,000..	4 435	(D)	(D)	64	(D)	(D)	(D)
Other livestock and livestock products (see text) ..... farms..	1 158	5	–	39	7	12	3
$1,000..	35 816	234	–	829	43	442	(D)
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms, 1997..	22 636	79	26	709	140	118	156
1992..	23 542	67	25	782	86	109	167
$1,000, 1997..	2 695 447	2 950	1 511	151 138	8 110	11 027	14 736
1992..	2 417 185	2 581	1 313	121 114	5 707	9 336	12 631
1997 farm production expenses:							
Livestock and poultry purchased ..... farms..	6 601	33	10	265	62	48	28
$1,000..	167 997	398	135	10 928	332	381	168
Feed for livestock and poultry ..... farms..	9 429	49	11	356	57	64	53
$1,000..	402 481	605	401	46 960	762	1 079	1 130
Commercially mixed formula feeds ..... farms..	6 605	24	9	255	40	44	44
$1,000..	251 047	242	214	34 356	417	454	432
Seeds, bulbs, plants, and trees ..... farms..	18 896	54	15	539	108	90	150
$1,000..	176 499	93	23	5 359	495	724	1 198
Commercial fertilizer ..... farms..	19 404	52	20	562	102	102	149
$1,000..	236 572	156	62	7 194	1 040	846	2 263
Agricultural chemicals ..... farms..	18 358	40	15	565	102	94	142
$1,000..	177 696	52	24	5 939	571	1 220	1 051

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
FARMS AND LAND IN FARMS							
Land in farms ..... farms, 1997..	20	278	465	57	625	473	547
1992..	18	322	558	55	619	552	519
acres, 1997..	8 955	112 814	161 481	16 470	150 662	196 309	202 976
1992..	7 992	123 161	167 126	13 874	137 074	201 804	199 682
Average size of farm ..... acres, 1997..	448	406	347	289	241	415	371
1992..	444	382	300	252	221	366	385
Total cropland ..... farms, 1997..	20	271	460	55	616	461	538
1992..	18	310	551	55	616	542	499
acres, 1997..	6 272	96 155	153 191	9 153	132 322	164 482	166 946
1992..	5 557	102 000	157 022	7 995	120 425	168 663	162 970
Harvested cropland ..... farms, 1997..	20	265	459	53	610	453	533
1992..	18	305	549	54	606	529	490
acres, 1997..	4 245	84 916	148 324	6 964	120 728	153 538	148 767
1992..	3 671	82 781	147 859	5 997	104 313	147 355	133 115
Irrigated land ..... farms, 1997..	3	19	56	12	165	110	49
1992..	1	18	68	14	173	123	38
acres, 1997..	(D)	2 189	5 003	188	10 531	30 411	8 926
1992..	(D)	1 813	6 428	423	9 546	26 471	5 828
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... $1,000, 1997..	1 034	46 328	60 571	6 413	79 613	75 985	59 483
1992..	893	36 649	59 937	4 406	66 010	64 856	50 851
Average per farm ..... dollars, 1997..	51 682	166 647	130 261	112 514	127 381	160 644	108 744
1992..	49 588	113 817	107 414	80 107	106 640	117 492	97 979
1997 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms..	12	238	451	52	606	406	508
$1,000..	367	13 664	56 554	4 623	70 630	43 814	33 990
Grains ..... farms..	1	191	420	11	286	375	467
$1,000..	(D)	10 969	32 457	131	21 776	34 938	25 712
Corn for grain ..... farms..	–	144	324	8	227	321	389
$1,000..	–	5 106	12 656	111	11 277	20 765	12 833
Wheat ..... farms..	–	95	155	1	84	160	226
$1,000..	–	1 519	1 305	(D)	815	1 160	1 894
Soybeans ..... farms..	–	128	339	–	247	317	374
$1,000..	–	4 240	8 327	–	9 585	12 640	10 716
Sorghum for grain ..... farms..	–	–	1	–	–	–	–
$1,000..	–	–	(D)	–	–	–	–
Barley ..... farms..	–	1	1	–	–	–	–
$1,000..	–	(D)	(D)	–	–	–	–
Oats ..... farms..	1	17	24	2	5	21	31
$1,000..	(D)	56	(D)	(D)	8	(D)	83
Other grains ..... farms..	–	7	248	3	10	12	10
$1,000..	–	(D)	10 098	(D)	90	(D)	186
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	–	–	1	–	–	–	–
$1,000..	–	–	(D)	–	–	–	–
Hay, silage, and field seeds ..... farms..	7	94	41	13	89	83	121
$1,000..	103	1 547	504	108	1 024	811	866
Vegetables, sweet corn, and melons ..... farms..	–	8	55	4	147	20	18
$1,000..	–	128	3 531	(D)	13 764	1 968	987
Fruits, nuts, and berries ..... farms..	3	4	5	33	330	9	5
$1,000..	(D)	(D)	(D)	3 472	27 172	203	(D)
Nursery and greenhouse crops ..... farms..	3	4	26	11	75	20	20
$1,000..	(D)	924	2 355	831	6 878	5 884	6 263
Other crops ..... farms..	3	4	220	3	7	4	3
$1,000..	(D)	(D)	17 644	(D)	16	9	(D)
Livestock, poultry, and their products ..... farms..	15	172	50	18	115	244	267
$1,000..	667	32 664	4 017	1 790	8 983	32 171	25 493
Poultry and poultry products ..... farms..	2	8	1	2	5	9	9
$1,000..	(D)	3 215	(D)	(D)	2	(D)	11
Dairy products ..... farms..	8	53	16	2	13	58	74
$1,000..	(D)	21 052	2 603	(D)	2 781	8 459	10 781
Cattle and calves ..... farms..	12	139	39	14	72	181	218
$1,000..	119	4 013	990	621	616	10 095	5 547
Hogs and pigs ..... farms..	1	19	7	3	32	91	68
$1,000..	(D)	3 673	175	(D)	5 188	12 473	8 944
Sheep, lambs, and wool ..... farms..	–	5	2	–	7	18	25
$1,000..	–	32	(D)	–	6	(D)	28
Other livestock and livestock products (see text) ..... farms..	4	24	7	2	21	15	23
$1,000..	(D)	680	249	(D)	390	726	183
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms, 1997..	20	282	466	57	630	472	543
1992..	18	326	558	55	617	549	523
$1,000, 1997..	763	38 224	45 366	3 994	60 194	57 820	48 876
1992..	571	32 602	46 946	3 755	54 458	52 882	42 831
1997 farm production expenses:							
Livestock and poultry purchased ..... farms..	5	114	31	10	34	182	153
$1,000..	24	3 527	491	166	1 366	3 641	3 025
Feed for livestock and poultry ..... farms..	15	123	57	16	88	241	236
$1,000..	151	8 836	1 007	227	2 547	10 323	7 224
Commercially mixed formula feeds ..... farms..	12	92	33	13	58	159	189
$1,000..	96	6 179	540	139	785	4 950	2 826
Seeds, bulbs, plants, and trees ..... farms..	15	233	439	27	456	414	509
$1,000..	25	1 724	4 040	77	3 792	3 230	3 792
Commercial fertilizer ..... farms..	13	272	453	42	566	376	478
$1,000..	21	2 711	7 427	167	4 423	4 776	4 464
Agricultural chemicals ..... farms..	6	245	427	48	586	374	451
$1,000..	(D)	1 730	3 991	690	7 385	3 625	2 914

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
FARMS AND LAND IN FARMS							
Land in farms ..... farms, 1997..	378	56	60	115	135	619	4
1992..	430	63	55	105	120	706	5
acres, 1997..	157 956	17 041	31 490	62 215	41 282	215 657	630
1992..	168 330	23 438	25 464	50 908	44 037	225 037	275
Average size of farm ..... acres, 1997..	418	304	525	541	306	348	158
1992..	391	372	463	485	367	319	55
Total cropland ..... farms, 1997..	374	55	59	111	131	606	2
1992..	421	62	52	102	116	698	5
acres, 1997..	130 635	11 393	17 599	45 598	29 961	191 900	(D)
1992..	139 435	15 783	18 495	39 003	31 840	199 866	245
Harvested cropland ..... farms, 1997..	363	52	56	109	127	604	2
1992..	410	55	52	100	105	692	5
acres, 1997..	118 010	8 742	12 307	31 744	20 637	179 670	(D)
1992..	115 997	9 257	10 686	26 275	19 573	180 008	60
Irrigated land ..... farms, 1997..	68	9	7	2	4	31	–
1992..	68	10	8	2	2	29	1
acres, 1997..	14 577	50	67	(D)	(D)	2 520	–
1992..	13 488	53	67	(D)	(D)	3 456	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... $1,000, 1997..	66 551	3 827	5 371	6 697	12 331	89 866	69
1992..	71 850	4 544	4 299	5 456	10 157	70 436	61
Average per farm ..... dollars, 1997..	176 060	68 337	89 510	58 234	91 341	145 180	17 265
1992..	167 094	72 126	78 172	51 960	84 642	99 768	12 270
1997 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms..	344	44	37	78	80	575	2
$1,000..	31 049	1 493	925	2 514	1 451	39 802	(D)
Grains ..... farms..	295	17	6	16	38	531	2
$1,000..	20 018	175	24	44	627	32 006	(D)
Corn for grain ..... farms..	232	12	1	–	17	376	2
$1,000..	11 002	150	(D)	–	347	12 517	(D)
Wheat ..... farms..	86	4	2	2	27	350	–
$1,000..	755	(D)	(D)	(D)	159	3 721	–
Soybeans ..... farms..	234	–	–	–	8	472	–
$1,000..	8 148	–	–	–	74	15 324	–
Sorghum for grain ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Barley ..... farms..	4	1	3	–	2	1	–
$1,000..	2	(D)	(D)	–	(D)	(D)	–
Oats ..... farms..	11	4	2	13	9	31	–
$1,000..	11	(D)	(D)	39	22	(D)	–
Other grains ..... farms..	11	3	1	1	7	15	–
$1,000..	99	(D)	(D)	(D)	(D)	382	–
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	130	29	20	67	52	121	–
$1,000..	(D)	448	233	1 341	536	3 249	–
Vegetables, sweet corn, and melons ..... farms..	26	6	2	1	3	21	2
$1,000..	2 077	(D)	(D)	(D)	29	898	(D)
Fruits, nuts, and berries ..... farms..	30	6	1	1	1	14	–
$1,000..	3 525	(D)	(D)	(D)	(D)	799	–
Nursery and greenhouse crops ..... farms..	17	9	14	6	7	19	–
$1,000..	2 470	254	594	947	233	2 058	–
Other crops ..... farms..	6	4	3	4	2	14	–
$1,000..	(D)	(D)	(D)	(D)	(D)	792	–
Livestock, poultry, and their products ..... farms..	196	34	44	84	114	303	4
$1,000..	35 502	2 334	4 445	4 183	10 880	50 065	(D)
Poultry and poultry products ..... farms..	8	1	–	1	3	8	–
$1,000..	(D)	(D)	–	(D)	(D)	(D)	–
Dairy products ..... farms..	23	11	14	27	55	109	–
$1,000..	2 116	(D)	3 162	(D)	6 577	(D)	–
Cattle and calves ..... farms..	111	32	39	82	108	256	3
$1,000..	1 641	446	704	1 797	3 317	7 758	(D)
Hogs and pigs ..... farms..	93	2	3	7	16	51	–
$1,000..	31 417	(D)	(D)	116	814	4 105	–
Sheep, lambs, and wool ..... farms..	17	1	3	11	5	15	–
$1,000..	(D)	(D)	(D)	112	(D)	148	–
Other livestock and livestock products (see text) ..... farms..	20	3	9	6	20	11	1
$1,000..	181	122	563	62	129	241	(D)
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms, 1997..	381	56	59	113	133	620	4
1992..	432	51	54	109	123	695	5
$1,000, 1997..	53 720	2 739	3 851	3 960	8 781	69 149	88
1992..	59 679	2 416	3 350	5 199	7 181	58 307	64
1997 farm production expenses:							
Livestock and poultry purchased ..... farms..	156	24	21	40	75	225	3
$1,000..	2 259	112	137	335	1 137	5 724	9
Feed for livestock and poultry ..... farms..	207	34	35	64	108	281	4
$1,000..	15 237	533	1 351	901	2 222	12 013	27
Commercially mixed formula feeds ..... farms..	129	18	19	40	87	205	3
$1,000..	4 587	272	913	259	744	6 559	9
Seeds, bulbs, plants, and trees ..... farms..	357	46	35	50	113	589	3
$1,000..	2 830	108	87	39	211	4 306	(D)
Commercial fertilizer ..... farms..	347	42	39	77	98	579	2
$1,000..	3 927	191	290	182	528	6 359	(D)
Agricultural chemicals ..... farms..	308	39	35	28	79	566	2
$1,000..	2 812	152	92	41	171	5 142	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
FARMS AND LAND IN FARMS							
Land in farms ..... farms, 1997..	101	49	475	83	288	156	5
1992..	113	44	558	71	286	143	10
acres, 1997..	47 812	20 072	192 928	26 276	93 419	40 059	397
1992..	54 768	19 360	203 531	24 931	110 515	36 206	1 173
Average size of farm ..... acres, 1997..	473	410	406	317	324	257	79
1992..	485	440	365	351	386	253	117
Total cropland ..... farms, 1997..	100	49	468	78	280	153	5
1992..	109	44	546	70	284	138	9
acres, 1997..	30 552	10 799	167 183	17 764	83 895	32 079	(D)
1992..	32 585	10 436	174 360	17 168	101 015	28 707	689
Harvested cropland ..... farms, 1997..	100	49	463	78	268	150	5
1992..	101	44	537	70	276	134	6
acres, 1997..	22 315	7 781	153 644	12 354	76 275	24 892	(D)
1992..	20 489	6 865	149 571	10 317	84 906	20 729	455
Irrigated land ..... farms, 1997..	11	7	17	11	38	3	–
1992..	13	11	23	9	35	9	1
acres, 1997..	887	373	951	308	737	(D)	–
1992..	446	664	743	254	1 075	478	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... $1,000, 1997..	7 640	3 728	53 354	5 019	26 623	8 779	139
1992..	8 047	3 804	45 397	4 504	29 239	6 318	338
Average per farm ..... dollars, 1997..	75 644	76 080	112 324	60 471	92 442	56 276	27 834
1992..	71 209	86 451	81 356	63 443	102 234	44 185	33 786
1997 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms..	69	34	428	58	249	113	5
$1,000..	3 425	1 731	38 481	1 782	19 626	3 698	(D)
Grains ..... farms..	33	9	383	12	173	88	–
$1,000..	832	121	31 823	65	12 802	2 151	–
Corn for grain ..... farms..	12	4	322	8	125	49	–
$1,000..	(D)	(D)	14 881	35	5 495	1 025	–
Wheat ..... farms..	5	–	227	1	93	50	–
$1,000..	93	–	4 084	(D)	1 135	364	–
Soybeans ..... farms..	3	–	316	–	144	19	–
$1,000..	89	–	12 506	–	5 923	242	–
Sorghum for grain ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Barley ..... farms..	11	4	1	–	–	2	–
$1,000..	(D)	29	(D)	–	–	(D)	–
Oats ..... farms..	7	6	14	8	15	16	–
$1,000..	55	(D)	38	(D)	32	30	–
Other grains ..... farms..	9	–	19	1	10	25	–
$1,000..	(D)	–	(D)	(D)	216	(D)	–
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	37	22	103	36	76	54	2
$1,000..	631	251	1 014	446	799	515	(D)
Vegetables, sweet corn, and melons ..... farms..	6	3	22	11	31	8	–
$1,000..	75	(D)	1 189	260	829	60	–
Fruits, nuts, and berries ..... farms..	3	3	7	4	11	3	–
$1,000..	111	(D)	(D)	(D)	(D)	(D)	–
Nursery and greenhouse crops ..... farms..	7	10	23	12	40	4	3
$1,000..	278	423	2 348	739	3 486	(D)	(D)
Other crops ..... farms..	12	9	6	7	6	20	–
$1,000..	1 498	836	(D)	(D)	(D)	(D)	–
Livestock, poultry, and their products ..... farms..	70	29	223	54	121	121	2
$1,000..	4 215	1 996	14 873	3 237	6 997	5 081	(D)
Poultry and poultry products ..... farms..	3	2	11	2	7	26	–
$1,000..	(Z)	(D)	61	(D)	(D)	118	–
Dairy products ..... farms..	33	10	54	13	20	59	–
$1,000..	3 159	1 292	5 567	2 312	3 760	2 990	–
Cattle and calves ..... farms..	69	27	179	46	76	111	2
$1,000..	877	229	5 458	771	1 919	1 098	(D)
Hogs and pigs ..... farms..	5	3	37	4	15	50	1
$1,000..	46	(D)	3 275	(D)	423	601	(D)
Sheep, lambs, and wool ..... farms..	1	–	16	5	9	9	–
$1,000..	(D)	–	132	(D)	(D)	98	–
Other livestock and livestock products (see text) ..... farms..	2	6	25	6	39	21	–
$1,000..	(D)	(D)	378	56	749	176	–
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms, 1997..	100	49	481	85	290	154	5
1992..	111	44	550	67	285	146	10
$1,000, 1997..	4 936	3 080	42 374	3 451	21 541	4 820	33
1992..	6 193	3 025	36 175	3 475	26 170	5 270	229
1997 farm production expenses:							
Livestock and poultry purchased ..... farms..	19	17	147	28	100	83	1
$1,000..	104	104	2 054	253	1 828	198	(D)
Feed for livestock and poultry ..... farms..	47	23	191	43	154	103	2
$1,000..	587	668	3 975	530	1 711	772	(D)
Commercially mixed formula feeds ..... farms..	39	18	166	22	69	61	1
$1,000..	413	365	2 159	188	646	333	(D)
Seeds, bulbs, plants, and trees ..... farms..	65	40	423	62	187	122	2
$1,000..	293	201	4 324	119	1 522	288	(D)
Commercial fertilizer ..... farms..	76	37	407	62	204	132	2
$1,000..	496	230	5 828	192	2 436	660	(D)
Agricultural chemicals ..... farms..	65	33	404	51	180	108	2
$1,000..	217	167	3 555	109	1 597	332	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997..	197	522	522	37	857	394	521	84
1992..	195	609	532	36	1 062	371	570	71
acres, 1997..	47 423	256 376	204 986	9 330	402 219	170 442	203 967	28 050
1992..	48 709	258 000	199 615	12 177	424 898	168 184	222 307	32 054
Average size of farm ..... acres, 1997..	241	491	393	252	469	433	391	334
1992..	250	424	375	338	400	453	390	451
Total cropland ..... farms, 1997..	193	510	507	37	819	382	514	84
1992..	192	598	523	35	1 018	365	557	70
acres, 1997..	34 099	232 257	176 655	6 879	369 470	146 616	176 841	20 797
1992..	35 166	235 407	167 267	7 483	392 859	142 345	193 082	20 438
Harvested cropland ..... farms, 1997..	190	505	498	37	812	372	507	80
1992..	192	592	518	33	1 004	363	550	69
acres, 1997..	28 721	220 850	162 249	5 208	351 551	136 288	164 991	14 806
1992..	26 372	213 653	142 265	5 198	356 287	121 288	166 093	13 802
Irrigated land ..... farms, 1997..	51	20	27	9	23	26	26	6
1992..	61	31	30	7	24	15	31	2
acres, 1997..	1 831	1 998	4 417	57	2 153	2 343	2 133	(D)
1992..	2 027	3 228	3 625	35	1 541	1 291	3 604	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... $1,000, 1997..	16 484	101 375	70 405	1 950	210 567	51 971	85 785	6 362
1992..	14 267	77 339	54 364	2 255	179 188	44 223	74 145	9 123
Average per farm ..... dollars, 1997..	83 676	194 205	134 875	52 691	245 702	131 905	164 655	75 738
1992..	73 162	126 994	102 188	62 638	168 727	119 200	130 079	128 497
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms..	184	487	458	23	773	341	470	60
$1,000..	13 272	64 752	40 931	527	99 829	31 589	34 200	1 417
Grains ..... farms..	56	463	415	6	744	279	415	32
$1,000..	1 205	46 983	31 201	5	65 625	23 913	28 611	726
Corn for grain ..... farms..	43	387	345	2	593	214	332	23
$1,000..	814	20 228	14 632	(D)	25 218	9 955	12 659	354
Wheat ..... farms..	33	201	228	–	472	183	282	17
$1,000..	222	2 400	2 467	–	6 317	3 244	3 586	182
Soybeans ..... farms..	8	418	364	–	325	245	328	12
$1,000..	(D)	17 718	14 044	–	7 481	10 583	12 025	138
Sorghum for grain ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Barley ..... farms..	1	–	–	1	43	1	2	1
$1,000..	(D)	–	–	(D)	251	(D)	(D)	(D)
Oats ..... farms..	17	10	15	5	102	20	29	12
$1,000..	53	26	(D)	2	276	77	71	34
Other grains ..... farms..	10	131	7	2	545	5	8	2
$1,000..	71	6 611	(D)	(D)	26 081	(D)	(D)	(D)
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Tobacco ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	53	70	125	12	142	80	124	39
$1,000..	(D)	836	1 676	131	1 932	1 021	999	475
Vegetables, sweet corn, and melons ..... farms..	31	29	8	6	8	14	13	1
$1,000..	786	5 331	111	68	(D)	1 145	(D)	(D)
Fruits, nuts, and berries ..... farms..	103	9	6	6	4	9	28	4
$1,000..	9 501	(D)	(D)	94	(D)	480	2 260	60
Nursery and greenhouse crops ..... farms..	25	9	14	7	3	38	18	3
$1,000..	1 208	(D)	(D)	201	137	4 857	1 598	(D)
Other crops ..... farms..	3	70	3	3	313	11	6	2
$1,000..	(D)	10 481	(D)	28	32 046	173	(D)	(D)
Livestock, poultry, and their products ..... farms..	58	197	283	22	448	195	308	64
$1,000..	3 212	36 623	29 473	1 423	110 738	20 382	51 585	4 945
Poultry and poultry products ..... farms..	–	9	12	3	11	7	7	2
$1,000..	–	3 019	(D)	(D)	(D)	(D)	(D)	(D)
Dairy products ..... farms..	11	62	95	11	186	74	95	21
$1,000..	1 426	19 410	14 473	(D)	(D)	(D)	(D)	3 674
Cattle and calves ..... farms..	48	157	229	18	399	153	265	60
$1,000..	992	10 347	4 943	196	45 306	3 901	6 327	1 206
Hogs and pigs ..... farms..	4	31	65	–	59	23	61	5
$1,000..	(D)	3 574	9 121	–	21 793	1 724	4 890	25
Sheep, lambs, and wool ..... farms..	–	6	16	–	3	17	13	3
$1,000..	–	23	(D)	–	(D)	77	56	(D)
Other livestock and livestock products (see text) ..... farms..	9	15	28	4	7	33	16	6
$1,000..	(D)	250	525	41	100	980	199	29
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997..	198	518	522	37	851	390	524	81
1992..	196	616	531	30	1 063	379	575	72
$1,000, 1997..	12 257	75 570	50 813	1 706	169 666	46 656	72 703	4 280
1992..	10 678	57 807	47 522	1 444	152 100	38 609	63 463	7 788
1997 farm production expenses:								
Livestock and poultry purchased ..... farms..	34	185	129	10	314	107	218	20
$1,000..	468	6 615	4 357	75	31 220	2 188	3 770	575
Feed for livestock and poultry ..... farms..	50	201	200	21	407	158	294	57
$1,000..	1 019	12 659	6 903	479	31 791	4 472	16 505	713
Commercially mixed formula feeds ..... farms..	37	129	110	19	283	126	192	27
$1,000..	702	7 964	2 442	353	20 572	1 998	12 440	401
Seeds, bulbs, plants, and trees ..... farms..	124	490	464	22	749	339	493	64
$1,000..	403	5 597	3 602	34	8 822	3 033	3 764	173
Commercial fertilizer ..... farms..	154	497	439	24	758	331	479	68
$1,000..	908	8 921	5 290	72	17 692	5 375	7 195	351
Agricultural chemicals ..... farms..	180	459	427	20	701	305	468	55
$1,000..	1 418	5 817	3 698	7	8 133	3 077	4 188	158

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997..	26	473	412	377	39	548	–	32
1992..	30	489	438	362	23	569	–	20
acres, 1997..	14 593	179 812	143 388	129 361	12 323	155 148	–	9 582
1992..	22 958	162 213	168 338	127 511	9 809	155 629	–	6 777
Average size of farm ..... acres, 1997..	561	380	348	343	316	283	–	299
1992..	765	332	384	352	426	274	–	339
Total cropland ..... farms, 1997..	26	464	403	364	36	525	–	30
1992..	30	477	428	351	23	555	–	18
acres, 1997..	8 059	154 563	117 658	110 538	8 429	131 551	–	7 252
1992..	7 960	139 786	136 272	106 946	8 120	131 630	–	4 074
Harvested cropland ..... farms, 1997..	26	450	398	353	35	516	–	28
1992..	29	463	426	343	20	545	–	18
acres, 1997..	5 170	137 569	109 203	102 520	6 474	117 806	–	5 128
1992..	4 612	117 861	110 540	95 876	4 256	107 331	–	3 039
Irrigated land ..... farms, 1997..	6	14	41	129	6	110	–	1
1992..	4	15	32	137	4	118	–	–
acres, 1997..	(D)	1 191	3 365	18 042	3 548	6 048	–	(D)
1992..	(D)	1 377	5 537	20 270	895	8 657	–	–
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... $1,000, 1997..	1 428	55 500	42 624	104 565	4 788	119 375	–	1 808
1992..	1 740	47 753	42 861	86 289	2 947	104 099	–	906
Average per farm ..... dollars, 1997..	54 922	117 337	103 457	277 360	122 778	217 838	–	56 510
1992..	57 987	97 654	97 856	238 366	128 117	182 951	–	45 305
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms..	19	379	376	341	28	477	–	22
$1,000..	981	26 033	22 794	67 106	3 760	90 996	–	887
Grains ..... farms..	9	335	318	223	11	270	–	5
$1,000..	80	18 761	16 004	19 815	305	13 218	–	(D)
Corn for grain ..... farms..	–	243	289	195	9	225	–	3
$1,000..	–	8 098	9 302	11 213	156	7 702	–	(D)
Wheat ..... farms..	2	192	163	94	2	137	–	2
$1,000..	(D)	1 672	1 369	1 116	(D)	1 160	–	(D)
Soybeans ..... farms..	–	240	195	196	–	109	–	–
$1,000..	–	6 706	5 264	7 247	–	3 016	–	–
Sorghum for grain ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Barley ..... farms..	4	7	–	–	1	2	–	–
$1,000..	(D)	(D)	–	–	(D)	(D)	–	–
Oats ..... farms..	7	35	33	17	1	39	–	1
$1,000..	31	(D)	(D)	(D)	(D)	125	–	(D)
Other grains ..... farms..	3	73	4	9	4	29	–	–
$1,000..	(D)	2 142	(D)	(D)	(D)	(D)	–	–
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Tobacco ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	13	144	126	82	12	132	–	16
$1,000..	116	2 477	1 309	(D)	162	(D)	–	435
Vegetables, sweet corn, and melons ..... farms..	2	11	28	32	3	62	–	2
$1,000..	(D)	2 191	1 740	1 829	437	7 000	–	(D)
Fruits, nuts, and berries ..... farms..	2	5	5	22	–	143	–	–
$1,000..	(D)	87	165	1 532	–	24 203	–	–
Nursery and greenhouse crops ..... farms..	–	6	33	74	9	82	–	5
$1,000..	–	582	3 562	42 719	663	42 815	–	403
Other crops ..... farms..	4	16	4	1	5	9	–	–
$1,000..	718	1 936	13	(D)	2 193	(D)	–	–
Livestock, poultry, and their products ..... farms..	19	269	222	140	22	244	–	23
$1,000..	446	29 467	19 830	37 459	1 029	28 380	–	921
Poultry and poultry products ..... farms..	–	6	9	8	2	4	–	2
$1,000..	–	27	28	(D)	(D)	(D)	–	(D)
Dairy products ..... farms..	3	122	46	15	5	86	–	5
$1,000..	(D)	(D)	8 098	8 260	465	(D)	–	493
Cattle and calves ..... farms..	19	238	178	83	15	194	–	19
$1,000..	266	5 699	9 838	3 320	144	4 705	–	321
Hogs and pigs ..... farms..	–	36	42	41	6	25	–	5
$1,000..	–	1 322	1 500	9 426	287	1 462	–	38
Sheep, lambs, and wool ..... farms..	1	2	16	20	1	6	–	4
$1,000..	(D)	(D)	72	(D)	(D)	38	–	(D)
Other livestock and livestock products (see text) ..... farms..	1	17	28	31	4	43	–	5
$1,000..	(D)	263	294	8 893	128	918	–	22
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997..	26	475	412	376	39	546	–	33
1992..	30	491	431	362	23	565	–	22
$1,000, 1997..	1 138	42 406	34 536	71 465	3 398	89 574	–	1 130
1992..	1 600	40 059	37 622	70 187	2 457	83 204	–	843
1997 farm production expenses:								
Livestock and poultry purchased ..... farms..	9	128	169	94	14	154	–	15
$1,000..	60	1 985	6 634	5 081	77	1 507	–	63
Feed for livestock and poultry ..... farms..	19	242	174	116	18	232	–	22
$1,000..	76	8 505	3 459	10 793	269	6 262	–	283
Commercially mixed formula feeds ..... farms..	13	206	136	102	10	184	–	16
$1,000..	53	4 640	2 049	6 806	89	3 260	–	74
Seeds, bulbs, plants, and trees ..... farms..	15	435	353	311	29	422	–	17
$1,000..	54	2 214	2 135	4 772	465	6 498	–	32
Commercial fertilizer ..... farms..	16	449	331	307	27	442	–	18
$1,000..	110	4 784	3 312	4 022	468	4 450	–	59
Agricultural chemicals ..... farms..	13	422	353	299	23	477	–	8
$1,000..	63	2 375	2 461	3 205	157	5 738	–	19

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997..	427	237	721	270	14	26	283	96
1992..	468	238	796	260	16	35	285	88
acres, 1997..	138 862	52 807	298 212	81 495	7 526	14 080	58 711	24 572
1992..	153 115	54 422	311 136	91 039	7 467	17 417	58 537	26 632
Average size of farm ..... acres, 1997..	325	223	414	302	538	542	207	256
1992..	327	229	391	350	467	498	205	303
Total cropland ..... farms, 1997..	424	236	707	255	14	25	275	91
1992..	456	233	766	255	16	35	282	86
acres, 1997..	119 600	33 373	278 310	65 324	5 084	9 368	52 399	16 114
1992..	133 040	37 056	287 587	76 188	5 807	11 838	53 629	17 225
Harvested cropland ..... farms, 1997..	414	232	688	244	14	22	274	89
1992..	450	230	755	244	16	35	279	84
acres, 1997..	106 916	25 769	268 129	59 293	3 016	5 770	47 245	12 010
1992..	108 580	26 905	266 276	63 797	2 981	9 370	46 853	11 170
Irrigated land ..... farms, 1997..	39	56	37	30	6	1	78	26
1992..	42	49	26	29	3	2	68	35
acres, 1997..	2 134	2 259	2 614	1 439	(D)	(D)	1 950	3 039
1992..	1 860	2 385	1 888	1 395	(D)	(D)	2 627	3 262
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... $1,000, 1997..	52 519	28 297	101 427	27 408	2 272	2 413	44 030	8 545
1992..	46 126	24 649	87 239	27 878	955	3 034	33 311	7 321
Average per farm ..... dollars, 1997..	122 994	119 398	140 676	101 511	162 320	92 797	155 583	89 014
1992..	98 560	103 566	109 597	107 224	59 669	86 695	116 881	83 198
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms..	362	227	664	221	12	13	267	83
$1,000..	31 281	23 516	77 348	17 957	1 866	263	40 834	7 763
Grains ..... farms..	259	30	629	136	2	7	156	17
$1,000..	16 704	436	63 537	7 849	(D)	33	8 168	614
Corn for grain ..... farms..	180	25	521	105	–	1	94	14
$1,000..	8 232	387	24 707	4 147	–	(D)	2 758	175
Wheat ..... farms..	140	12	428	82	–	4	86	2
$1,000..	1 175	27	7 536	695	–	(D)	604	(D)
Soybeans ..... farms..	175	–	585	94	–	1	138	1
$1,000..	5 308	–	31 139	2 959	–	(D)	4 794	(D)
Sorghum for grain ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Barley ..... farms..	6	–	–	–	–	3	–	–
$1,000..	(D)	–	–	–	–	(D)	–	–
Oats ..... farms..	29	8	24	9	1	3	2	2
$1,000..	72	14	(D)	(D)	(D)	(D)	(D)	(D)
Other grains ..... farms..	21	6	11	6	1	1	3	9
$1,000..	(D)	8	(D)	(D)	(D)	(D)	(D)	363
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Tobacco ..... farms..	–	–	–	–	–	–	2	–
$1,000..	–	–	–	–	–	–	(D)	–
Hay, silage, and field seeds ..... farms..	135	35	114	88	4	8	31	16
$1,000..	1 414	(D)	(D)	1 095	69	(D)	252	103
Vegetables, sweet corn, and melons ..... farms..	40	14	37	25	1	3	67	19
$1,000..	6 189	526	9 446	(D)	(D)	(D)	5 300	1 185
Fruits, nuts, and berries ..... farms..	16	183	19	13	–	1	18	41
$1,000..	955	21 408	1 548	512	–	(D)	1 347	3 940
Nursery and greenhouse crops ..... farms..	45	23	18	56	7	3	100	26
$1,000..	5 565	863	798	4 098	1 090	133	25 686	1 891
Other crops ..... farms..	9	6	21	2	1	1	11	3
$1,000..	453	(D)	(D)	(D)	(D)	(D)	(D)	31
Livestock, poultry, and their products ..... farms..	237	54	257	143	7	22	64	35
$1,000..	21 238	4 781	24 079	9 451	407	2 149	3 196	782
Poultry and poultry products ..... farms..	13	4	14	4	–	3	5	–
$1,000..	90	(D)	(D)	(D)	–	(D)	16	–
Dairy products ..... farms..	95	10	57	41	–	9	15	5
$1,000..	(D)	997	(D)	(D)	–	1 645	1 594	172
Cattle and calves ..... farms..	205	38	183	106	7	20	46	25
$1,000..	8 101	3 122	8 373	2 140	(D)	460	465	395
Hogs and pigs ..... farms..	29	3	55	13	1	2	7	9
$1,000..	645	(D)	3 286	337	(D)	(D)	(D)	(D)
Sheep, lambs, and wool ..... farms..	10	–	15	4	–	1	3	2
$1,000..	(D)	–	187	10	–	(D)	(D)	(D)
Other livestock and livestock products (see text) ..... farms..	29	14	31	33	–	2	11	9
$1,000..	845	647	1 149	1 012	–	(D)	243	115
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997..	427	240	720	268	14	26	277	98
1992..	470	233	800	257	16	35	282	86
$1,000, 1997..	38 835	20 008	75 368	22 357	978	2 226	29 699	6 866
1992..	39 445	16 880	73 554	22 360	757	2 358	27 609	6 070
1997 farm production expenses:								
Livestock and poultry purchased ..... farms..	149	23	156	58	5	14	43	27
$1,000..	3 305	(D)	5 136	887	106	125	378	364
Feed for livestock and poultry ..... farms..	252	37	202	116	6	19	70	27
$1,000..	3 933	421	3 826	2 153	60	657	630	161
Commercially mixed formula feeds ..... farms..	163	22	146	97	2	12	33	11
$1,000..	2 460	180	2 179	1 118	(D)	256	370	102
Seeds, bulbs, plants, and trees ..... farms..	354	156	668	201	10	16	220	75
$1,000..	2 176	434	5 969	1 424	96	(D)	3 792	336
Commercial fertilizer ..... farms..	335	238	642	205	11	15	232	78
$1,000..	3 810	1 188	9 649	1 886	46	66	1 339	408
Agricultural chemicals ..... farms..	314	232	635	204	9	14	190	67
$1,000..	2 662	3 126	7 029	1 774	35	82	1 326	1 017

See footnotes at end of table.

USDA, National Agricultural Statistics Service

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997..	28	198	226	160	177	168	611	446
1992..	22	203	242	149	194	164	608	433
acres, 1997..	15 489	57 958	72 943	80 492	62 571	71 559	195 447	193 565
1992..	12 549	56 076	78 724	80 538	72 335	71 791	197 907	181 689
Average size of farm ..... acres, 1997..	553	293	323	503	354	426	320	434
1992..	570	276	325	541	373	438	326	420
Total cropland ..... farms, 1997..	27	196	217	158	168	167	603	429
1992..	20	201	235	148	191	161	594	418
acres, 1997..	8 574	45 861	57 793	50 088	53 816	55 988	186 136	160 161
1992..	6 304	45 115	62 357	52 134	63 027	54 868	188 447	153 692
Harvested cropland ..... farms, 1997..	26	195	213	153	166	160	596	416
1992..	20	195	221	143	184	157	591	413
acres, 1997..	5 841	38 978	46 572	42 252	50 168	48 775	181 133	148 234
1992..	4 416	35 303	46 368	40 153	56 731	46 082	177 852	128 324
Irrigated land ..... farms, 1997..	3	38	27	3	7	19	58	90
1992..	1	43	27	1	5	13	47	106
acres, 1997..	(D)	3 181	6 792	(D)	450	2 389	4 947	45 258
1992..	(D)	3 323	5 310	(D)	916	1 760	2 236	37 516
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... $1,000, 1997..	2 761	22 824	23 781	17 682	16 481	34 210	92 679	86 418
1992..	1 603	19 798	20 930	16 245	19 467	28 714	64 327	63 376
Average per farm ..... dollars, 1997..	98 614	115 271	105 228	110 512	93 112	203 630	151 685	193 762
1992..	72 853	97 525	86 488	109 024	100 347	175 083	105 801	146 365
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms..	19	178	149	100	152	111	591	372
$1,000..	1 065	15 493	9 469	2 135	12 689	4 418	83 407	62 339
Grains ..... farms..	5	92	90	47	139	50	518	291
$1,000..	(D)	2 512	2 842	825	10 067	671	43 443	22 624
Corn for grain ..... farms..	–	58	60	31	124	27	394	257
$1,000..	–	1 558	1 843	672	4 407	465	16 505	11 500
Wheat ..... farms..	–	75	37	–	44	22	356	134
$1,000..	–	632	161	–	349	120	5 205	2 246
Soybeans ..... farms..	2	21	4	4	119	1	492	99
$1,000..	(D)	(D)	29	(D)	3 653	(D)	21 490	2 899
Sorghum for grain ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Barley ..... farms..	3	1	3	15	–	1	1	7
$1,000..	(D)	(D)	3	89	–	(D)	(D)	(D)
Oats ..... farms..	2	22	13	14	10	13	27	35
$1,000..	(D)	55	17	43	(D)	(D)	110	(D)
Other grains ..... farms..	–	17	31	1	39	6	6	119
$1,000..	–	36	790	(D)	(D)	35	(D)	5 852
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Tobacco ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	8	52	75	49	23	65	76	128
$1,000..	94	554	1 345	572	148	1 440	581	1 228
Vegetables, sweet corn, and melons ..... farms..	3	62	28	1	6	2	53	39
$1,000..	(D)	3 472	1 956	(D)	(D)	(D)	6 898	3 232
Fruits, nuts, and berries ..... farms..	3	35	6	2	–	3	18	13
$1,000..	(D)	4 464	(D)	(D)	–	(D)	1 431	1 299
Nursery and greenhouse crops ..... farms..	4	27	6	17	4	26	77	30
$1,000..	232	4 414	228	636	288	2 275	28 027	9 341
Other crops ..... farms..	3	5	9	5	25	2	15	33
$1,000..	(D)	77	(D)	61	(D)	(D)	3 027	24 617
Livestock, poultry, and their products ..... farms..	16	90	172	124	67	119	134	242
$1,000..	1 697	7 331	14 313	15 547	3 791	29 792	9 273	24 079
Poultry and poultry products ..... farms..	2	5	15	1	3	–	14	11
$1,000..	(D)	(D)	29	(D)	(D)	–	103	(D)
Dairy products ..... farms..	6	41	101	86	10	89	14	113
$1,000..	1 423	5 833	9 747	12 974	1 714	24 685	1 482	(D)
Cattle and calves ..... farms..	13	78	157	118	51	116	83	210
$1,000..	177	1 177	1 990	1 943	843	3 242	3 468	3 151
Hogs and pigs ..... farms..	3	11	44	3	12	7	48	36
$1,000..	(D)	100	2 221	8	954	(D)	3 212	4 291
Sheep, lambs, and wool ..... farms..	–	5	8	2	2	2	15	6
$1,000..	–	(D)	66	(D)	(D)	(D)	48	30
Other livestock and livestock products (see text) ..... farms..	2	8	16	9	11	4	18	34
$1,000..	(D)	68	260	621	271	(D)	960	746
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997..	28	203	228	161	174	169	613	449
1992..	25	199	241	147	196	142	608	430
$1,000, 1997..	2 366	19 548	15 586	13 199	13 157	25 390	67 363	61 773
1992..	1 093	16 170	17 275	12 639	17 340	20 191	56 474	49 914
1997 farm production expenses:								
Livestock and poultry purchased ..... farms..	8	65	94	44	38	62	137	138
$1,000..	195	896	1 002	625	460	1 584	3 285	1 936
Feed for livestock and poultry ..... farms..	14	87	153	125	65	118	170	227
$1,000..	629	1 955	3 360	3 791	1 162	7 436	2 017	4 159
Commercially mixed formula feeds ..... farms..	8	78	140	98	37	112	95	154
$1,000..	489	1 122	1 788	2 383	819	4 350	854	1 653
Seeds, bulbs, plants, and trees ..... farms..	20	167	175	136	159	130	564	360
$1,000..	69	1 298	819	371	1 213	710	6 936	4 634
Commercial fertilizer ..... farms..	23	183	187	131	165	131	543	374
$1,000..	113	1 626	1 411	1 106	1 877	1 163	6 967	7 207
Agricultural chemicals ..... farms..	16	187	145	109	149	119	546	325
$1,000..	60	1 611	921	317	1 155	471	5 061	6 730

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997..	41	175	321	181	318	137	28	184
1992..	38	157	282	167	329	125	33	156
acres, 1997..	14 866	60 306	91 901	28 979	103 295	59 659	16 135	69 669
1992..	13 474	56 456	78 977	35 633	108 820	56 583	18 587	63 951
Average size of farm ..... acres, 1997..	363	345	286	160	325	435	576	379
1992..	355	360	280	213	331	453	563	410
Total cropland ..... farms, 1997..	41	169	312	170	317	135	28	175
1992..	38	157	270	158	327	124	33	151
acres, 1997..	10 426	45 605	73 172	24 264	74 282	43 056	9 668	49 996
1992..	8 487	43 095	63 406	27 676	75 685	45 376	10 956	49 170
Harvested cropland ..... farms, 1997..	37	165	303	154	311	128	27	169
1992..	37	155	263	147	324	117	33	148
acres, 1997..	8 133	41 488	62 320	19 621	60 590	35 995	7 270	38 607
1992..	6 284	37 394	51 284	22 279	57 498	35 019	7 368	35 808
Irrigated land ..... farms, 1997..	3	45	35	53	36	5	–	10
1992..	5	42	42	56	49	7	–	11
acres, 1997..	(D)	7 624	4 254	521	3 151	(D)	–	1 265
1992..	123	7 802	5 079	956	4 295	(D)	–	1 319
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... $1,000, 1997..	3 070	43 792	47 451	31 659	48 953	21 708	1 937	18 285
1992..	2 328	28 907	38 251	24 193	43 242	15 277	1 766	16 177
Average per farm ..... dollars, 1997..	74 890	250 240	147 823	174 913	153 939	158 452	69 165	99 373
1992..	61 274	184 118	135 642	144 870	131 435	122 215	53 507	103 697
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms..	28	156	226	145	293	78	8	97
$1,000..	1 132	23 530	19 567	29 288	36 639	2 833	412	2 949
Grains ..... farms..	18	70	147	50	123	35	2	39
$1,000..	611	3 553	4 309	2 737	2 064	1 076	(D)	262
Corn for grain ..... farms..	10	61	130	40	100	19	–	18
$1,000..	269	2 541	3 634	1 579	1 510	647	–	140
Wheat ..... farms..	13	31	58	29	53	20	1	15
$1,000..	(D)	278	246	360	277	286	(D)	78
Soybeans ..... farms..	5	21	31	23	14	3	–	2
$1,000..	22	(D)	333	(D)	127	(D)	–	(D)
Sorghum for grain ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Barley ..... farms..	5	2	4	–	1	7	–	3
$1,000..	(D)	(D)	(D)	–	(D)	70	–	6
Oats ..... farms..	4	10	23	3	27	10	1	4
$1,000..	(D)	(D)	35	(D)	(D)	49	(D)	(D)
Other grains ..... farms..	8	2	9	2	34	2	–	3
$1,000..	168	(D)	(D)	(D)	97	(D)	–	(D)
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Tobacco ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	19	47	111	40	87	50	7	72
$1,000..	359	(D)	1 339	704	(D)	1 077	402	1 245
Vegetables, sweet corn, and melons ..... farms..	3	30	34	17	163	1	–	–
$1,000..	(D)	5 762	9 410	(D)	16 400	(D)	–	–
Fruits, nuts, and berries ..... farms..	2	37	24	12	116	2	–	2
$1,000..	(D)	6 489	2 939	1 153	14 669	(D)	–	(D)
Nursery and greenhouse crops ..... farms..	2	30	17	77	49	9	–	9
$1,000..	(D)	6 191	1 269	24 098	2 496	392	–	1 167
Other crops ..... farms..	2	3	6	1	6	2	1	3
$1,000..	(D)	(D)	300	(D)	(D)	(D)	(D)	(D)
Livestock, poultry, and their products ..... farms..	30	90	217	63	104	109	25	159
$1,000..	1 939	20 262	27 884	2 371	12 313	18 875	1 525	15 336
Poultry and poultry products ..... farms..	1	2	7	4	6	3	–	4
$1,000..	(D)	(D)	1 989	(D)	(D)	(D)	–	2
Dairy products ..... farms..	11	37	122	6	42	54	13	78
$1,000..	1 443	14 462	(D)	746	8 442	12 205	1 025	(D)
Cattle and calves ..... farms..	29	74	190	24	93	102	23	150
$1,000..	475	2 926	3 765	338	2 048	6 474	434	2 579
Hogs and pigs ..... farms..	3	13	18	6	17	2	–	9
$1,000..	(D)	1 186	1 357	91	518	(D)	–	93
Sheep, lambs, and wool ..... farms..	2	2	5	5	4	3	–	10
$1,000..	(D)	(D)	(D)	(D)	(D)	(D)	–	(D)
Other livestock and livestock products (see text) ..... farms..	1	10	22	37	9	9	3	16
$1,000..	(D)	87	1 160	1 084	203	161	66	425
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997..	40	179	319	182	318	140	28	180
1992..	36	135	284	173	325	125	33	156
$1,000, 1997..	1 812	33 560	37 828	29 908	36 837	17 468	1 237	13 298
1992..	2 265	23 439	30 670	20 807	34 591	11 659	1 205	14 150
1997 farm production expenses:								
Livestock and poultry purchased ..... farms..	10	54	108	55	51	73	14	101
$1,000..	46	2 080	2 285	767	1 482	1 811	60	568
Feed for livestock and poultry ..... farms..	29	75	193	57	86	101	24	138
$1,000..	417	6 784	8 141	311	3 621	4 020	283	3 591
Commercially mixed formula feeds ..... farms..	10	55	141	40	68	85	17	120
$1,000..	217	3 048	5 146	173	2 851	1 720	265	1 898
Seeds, bulbs, plants, and trees ..... farms..	29	145	224	113	259	109	14	127
$1,000..	110	1 548	1 869	6 453	1 426	550	17	448
Commercial fertilizer ..... farms..	29	156	263	122	281	118	17	142
$1,000..	177	1 489	2 379	897	2 268	1 111	33	647
Agricultural chemicals ..... farms..	23	159	218	109	269	100	10	93
$1,000..	42	2 094	2 012	512	3 897	419	4	372

See footnotes at end of table.

USDA, National Agricultural Statistics Service

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997..	35	42	750	122	15	739	411	468
1992..	34	41	804	124	6	811	393	533
acres, 1997..	9 505	20 148	147 491	57 418	2 289	276 542	130 692	198 412
1992..	8 615	18 485	148 700	56 610	1 156	292 684	141 016	217 440
Average size of farm ..... acres, 1997..	272	480	197	471	153	374	318	424
1992..	253	451	185	457	193	361	359	408
Total cropland ..... farms, 1997..	32	42	714	121	15	728	404	456
1992..	33	40	768	123	6	804	387	524
acres, 1997..	5 906	11 989	126 091	42 857	1 724	256 452	117 461	173 944
1992..	5 636	11 950	126 893	39 883	823	272 929	129 649	190 535
Harvested cropland ..... farms, 1997..	31	38	697	119	14	723	398	453
1992..	33	39	749	120	6	799	378	513
acres, 1997..	4 044	8 396	111 580	33 017	1 280	249 874	105 666	165 847
1992..	4 052	7 755	102 069	27 325	644	259 248	109 848	169 420
Irrigated land ..... farms, 1997..	2	7	263	19	1	35	29	202
1992..	1	2	248	20	–	30	23	216
acres, 1997..	(D)	(D)	14 509	3 051	(D)	2 893	593	90 810
1992..	(D)	(D)	13 503	1 885	–	1 565	411	84 579
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... $1,000, 1997..	1 722	3 471	298 205	12 476	459	82 572	34 419	80 166
1992..	1 744	2 566	230 880	10 336	140	72 615	34 484	65 423
Average per farm ..... dollars, 1997..	49 189	82 643	397 606	102 260	30 597	111 734	83 744	171 295
1992..	51 293	62 577	287 164	83 354	23 416	89 537	87 746	122 746
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms..	19	29	634	86	11	712	383	416
$1,000..	296	2 305	159 030	7 512	338	73 585	26 571	61 974
Grains ..... farms..	5	14	299	61	–	659	313	368
$1,000..	(D)	162	10 235	1 952	–	52 444	17 292	42 927
Corn for grain ..... farms..	4	5	222	32	–	552	161	331
$1,000..	(D)	32	7 062	683	–	21 020	3 651	30 484
Wheat ..... farms..	2	5	163	20	–	330	175	68
$1,000..	(D)	14	950	153	–	3 333	1 620	364
Soybeans ..... farms..	–	–	113	7	–	628	282	305
$1,000..	–	–	2 109	(D)	–	23 262	11 359	11 392
Sorghum for grain ..... farms..	–	–	1	–	–	1	1	–
$1,000..	–	–	(D)	–	–	(D)	(D)	–
Barley ..... farms..	–	3	5	16	–	–	3	–
$1,000..	–	(D)	(D)	(D)	–	–	36	–
Oats ..... farms..	–	7	28	29	–	28	20	21
$1,000..	–	33	51	155	–	(D)	63	(D)
Other grains ..... farms..	2	4	15	25	–	151	5	20
$1,000..	(D)	(D)	44	786	–	4 780	(D)	(D)
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Tobacco ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	9	20	150	39	5	100	112	110
$1,000..	191	600	(D)	804	79	714	1 195	989
Vegetables, sweet corn, and melons ..... farms..	3	2	73	7	–	32	25	63
$1,000..	4	(D)	8 051	42	–	2 407	1 601	9 488
Fruits, nuts, and berries ..... farms..	–	2	156	–	3	19	8	12
$1,000..	–	(D)	33 252	–	(D)	355	(D)	(D)
Nursery and greenhouse crops ..... farms..	1	7	161	6	4	32	40	21
$1,000..	(D)	244	105 538	233	(D)	4 900	5 257	1 532
Other crops ..... farms..	7	3	3	22	–	161	11	13
$1,000..	(D)	1 271	(D)	4 481	–	12 763	(D)	(D)
Livestock, poultry, and their products ..... farms..	34	24	355	82	6	181	168	202
$1,000..	1 426	1 166	139 175	4 964	121	8 987	7 848	18 192
Poultry and poultry products ..... farms..	3	2	37	4	–	8	10	12
$1,000..	(D)	(D)	80 460	2	–	1	(D)	(D)
Dairy products ..... farms..	16	6	132	35	–	40	34	52
$1,000..	(D)	539	(D)	3 680	–	5 468	3 371	6 678
Cattle and calves ..... farms..	32	22	267	82	3	141	145	160
$1,000..	327	583	10 688	1 234	86	2 201	2 228	2 279
Hogs and pigs ..... farms..	2	–	67	1	1	21	17	79
$1,000..	(D)	–	18 410	(D)	(D)	758	668	8 407
Sheep, lambs, and wool ..... farms..	6	1	6	1	2	12	2	20
$1,000..	31	(D)	(D)	(D)	(D)	5	(D)	(D)
Other livestock and livestock products (see text) ..... farms..	6	2	32	3	2	23	17	29
$1,000..	28	(D)	611	(D)	(D)	554	495	221
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997..	35	41	758	122	15	736	415	470
1992..	34	44	804	122	6	810	391	531
$1,000, 1997..	1 172	2 263	240 148	7 367	226	62 632	27 181	59 089
1992..	1 358	2 159	192 765	9 401	110	56 811	28 206	55 278
1997 farm production expenses:								
Livestock and poultry purchased ..... farms..	21	14	241	63	3	126	91	164
$1,000..	86	258	14 982	430	(D)	885	1 290	1 897
Feed for livestock and poultry ..... farms..	30	21	356	66	6	150	122	214
$1,000..	362	265	71 319	481	(D)	1 988	2 257	5 836
Commercially mixed formula feeds ..... farms..	25	10	251	36	3	97	55	127
$1,000..	162	166	61 035	185	3	1 123	1 262	2 433
Seeds, bulbs, plants, and trees ..... farms..	26	37	568	91	9	714	342	426
$1,000..	29	71	12 357	589	5	5 691	2 523	3 862
Commercial fertilizer ..... farms..	29	33	646	110	10	713	353	414
$1,000..	118	180	4 773	1 001	13	10 322	3 681	8 055
Agricultural chemicals ..... farms..	23	29	627	67	8	674	334	420
$1,000..	36	93	5 947	481	6	7 160	2 770	5 420

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997..	878	20	504	648	550	491	140	81
1992..	934	31	580	688	558	475	114	46
acres, 1997..	387 090	11 111	192 641	301 969	145 482	153 406	31 996	24 396
1992..	409 753	11 806	204 873	297 327	170 278	155 683	16 659	16 430
Average size of farm ..... acres, 1997..	441	556	382	466	265	312	229	301
1992..	439	381	353	432	305	328	146	357
Total cropland ..... farms, 1997..	859	20	499	638	549	482	132	77
1992..	912	28	573	679	552	468	109	43
acres, 1997..	351 081	7 403	170 824	273 807	117 597	136 726	26 616	18 284
1992..	378 020	6 677	181 892	274 742	141 157	134 703	15 331	11 557
Harvested cropland ..... farms, 1997..	844	20	494	630	545	469	128	74
1992..	899	25	571	669	540	454	107	39
acres, 1997..	324 160	4 435	162 774	259 671	103 715	125 896	21 421	15 487
1992..	321 703	3 868	163 437	253 574	107 959	114 383	12 797	8 521
Irrigated land ..... farms, 1997..	19	2	11	37	162	58	57	6
1992..	21	1	11	26	148	60	43	5
acres, 1997..	3 382	(D)	980	9 206	19 696	4 654	534	146
1992..	3 004	(D)	732	5 687	18 941	4 107	401	353
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... $1,000, 1997..	130 821	1 140	43 824	104 335	99 026	54 858	26 809	8 195
1992..	115 256	1 470	40 301	95 875	82 995	50 640	20 853	3 694
Average per farm ..... dollars, 1997..	148 999	57 004	86 952	161 011	180 047	111 728	191 496	101 170
1992..	123 400	47 424	69 484	139 353	148 737	106 611	182 924	80 308
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms..	744	12	474	594	522	459	127	61
$1,000..	74 029	557	31 708	84 580	85 943	33 497	25 924	5 260
Grains ..... farms..	682	6	456	552	184	381	47	20
$1,000..	51 579	(D)	27 890	53 976	10 106	19 501	3 620	409
Corn for grain ..... farms..	464	4	343	477	133	307	35	10
$1,000..	19 269	56	9 892	20 830	5 287	8 484	1 522	390
Wheat ..... farms..	407	2	307	252	44	288	22	4
$1,000..	5 415	(D)	3 483	3 514	417	2 768	219	(D)
Soybeans ..... farms..	539	3	430	421	120	289	37	1
$1,000..	21 500	42	14 369	13 492	4 293	8 122	1 866	(D)
Sorghum for grain ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Barley ..... farms..	27	–	4	10	4	3	1	–
$1,000..	(D)	–	(D)	78	(D)	(D)	(D)	–
Oats ..... farms..	79	2	26	33	14	36	5	5
$1,000..	(D)	(D)	79	96	(D)	72	(D)	10
Other grains ..... farms..	172	2	10	299	9	9	1	5
$1,000..	4 974	(D)	(D)	15 966	(D)	(D)	(D)	3
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Tobacco ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	201	4	117	112	73	176	17	29
$1,000..	3 421	75	1 174	1 433	(D)	1 851	211	354
Vegetables, sweet corn, and melons ..... farms..	18	3	11	27	77	39	28	2
$1,000..	1 355	(D)	(D)	1 848	16 838	2 833	1 039	(D)
Fruits, nuts, and berries ..... farms..	15	3	3	8	310	19	3	1
$1,000..	744	20	(D)	301	40 437	(D)	(D)	(D)
Nursery and greenhouse crops ..... farms..	14	–	9	15	60	48	73	24
$1,000..	6 487	–	2 208	702	17 819	7 990	20 977	4 357
Other crops ..... farms..	77	8	4	198	4	5	1	2
$1,000..	10 444	(D)	110	26 321	(D)	(D)	(D)	(D)
Livestock, poultry, and their products ..... farms..	514	13	178	238	138	245	28	42
$1,000..	56 792	583	12 116	19 755	13 083	21 362	885	2 935
Poultry and poultry products ..... farms..	14	–	9	9	14	16	7	3
$1,000..	33	–	(D)	(D)	(D)	22	226	(D)
Dairy products ..... farms..	299	3	59	77	31	54	2	16
$1,000..	(D)	(D)	9 223	12 034	3 127	9 737	(D)	(D)
Cattle and calves ..... farms..	481	13	153	201	103	173	11	31
$1,000..	9 653	276	2 249	3 961	1 222	5 954	188	504
Hogs and pigs ..... farms..	39	1	37	34	38	51	5	3
$1,000..	1 526	(D)	462	2 836	7 107	3 254	81	(D)
Sheep, lambs, and wool ..... farms..	10	–	8	9	8	54	5	1
$1,000..	(D)	–	49	(D)	(D)	1 464	(D)	(D)
Other livestock and livestock products (see text) ..... farms..	25	2	4	19	19	35	8	16
$1,000..	215	(D)	(D)	336	207	932	149	674
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997..	872	20	504	644	546	493	146	82
1992..	935	31	578	686	553	474	114	45
$1,000, 1997..	99 552	835	34 666	81 464	75 638	46 014	20 313	5 693
1992..	91 294	1 220	33 993	76 126	66 324	45 068	16 595	2 722
1997 farm production expenses:								
Livestock and poultry purchased ..... farms..	306	7	107	138	72	145	41	21
$1,000..	4 468	51	758	2 568	1 403	3 992	281	520
Feed for livestock and poultry ..... farms..	424	10	153	187	147	202	40	37
$1,000..	13 410	107	2 558	4 113	5 106	3 817	549	811
Commercially mixed formula feeds ..... farms..	318	5	116	101	113	120	17	28
$1,000..	6 787	7	1 345	2 049	2 850	2 314	237	699
Seeds, bulbs, plants, and trees ..... farms..	763	16	485	619	342	413	94	50
$1,000..	6 216	33	2 962	6 933	5 681	3 281	2 796	256
Commercial fertilizer ..... farms..	760	18	457	612	459	412	69	57
$1,000..	11 726	76	5 035	11 805	4 560	5 366	800	315
Agricultural chemicals ..... farms..	695	15	460	586	453	400	72	48
$1,000..	7 241	37	3 837	7 016	6 835	3 410	380	199

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
FARM PRODUCTION EXPENSES[1]—Con.							
1997 farm production expenses—Con.							
Petroleum products ..... farms..	22 343	79	26	689	133	118	155
$1,000..	132 018	201	72	5 562	566	812	879
Electricity ..... farms..	19 248	66	22	645	128	101	142
$1,000..	48 996	81	43	3 210	157	259	267
Hired farm labor ..... farms..	10 578	43	14	426	37	80	90
$1,000..	366 371	214	225	23 368	576	1 566	1 599
Contract labor ..... farms..	2 549	9	5	84	13	20	27
$1,000..	27 780	3	(D)	713	102	215	410
Repair and maintenance ..... farms..	21 136	77	21	661	124	105	143
$1,000..	187 300	332	90	7 021	692	818	1 268
Customwork, machine hire, and rental of machinery and equipment ..... farms..	9 298	30	10	270	33	24	74
$1,000..	50 724	33	(D)	2 983	118	148	201
Interest ..... farms..	13 208	52	13	451	78	73	91
$1,000..	177 259	239	85	8 414	542	841	1 027
Cash rent ..... farms..	10 790	46	13	318	65	30	96
$1,000..	159 900	80	39	5 762	730	414	1 341
Property taxes ..... farms..	21 240	79	25	674	124	112	155
$1,000..	82 875	161	49	2 975	295	463	472
All other farm production expenses ..... farms..	22 628	79	26	708	140	118	156
$1,000..	300 979	301	251	14 747	1 131	1 242	1 462
NET CASH RETURN[1]							
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	22 636	79	26	709	140	118	156
1992..	23 542	67	25	782	86	109	167
$1,000, 1997..	758 861	1 253	391	28 864	1 154	4 599	7 313
1992..	520 092	744	201	30 847	958	4 252	5 098
Average per farm ..... dollars, 1997..	33 525	15 860	15 037	40 712	8 244	38 979	46 879
1992..	22 092	11 098	8 031	39 446	11 141	39 007	30 528
Farms with net gains[2] ..... number, 1997..	16 604	64	22	468	81	81	124
1992..	15 850	58	20	520	48	87	134
$1,000, 1997..	872 907	1 361	(D)	38 203	1 798	4 999	7 724
1992..	627 411	914	344	33 808	1 242	4 730	5 399
Average per farm ..... dollars, 1997..	52 572	21 262	(D)	81 631	22 202	61 716	62 291
1992..	39 584	15 759	17 181	65 015	25 884	54 367	40 293
Farms with net losses ..... number, 1997..	6 032	15	4	241	59	37	32
1992..	7 692	9	5	262	38	22	33
$1,000, 1997..	114 046	108	(D)	9 339	644	399	411
1992..	107 319	170	143	2 961	284	478	301
Average per farm ..... dollars, 1997..	18 907	7 192	(D)	38 749	10 919	10 797	12 843
1992..	13 952	18 942	28 567	11 302	7 481	21 735	9 125
GOVERNMENT PAYMENTS							
Total received ..... farms, 1997..	11 974	36	9	315	56	40	117
1992..	11 619	32	9	324	65	49	114
$1,000, 1997..	76 933	98	14	2 095	211	202	599
1992..	84 083	187	(D)	2 405	387	267	666
Average per farm ..... dollars, 1997..	6 425	2 725	1 500	6 652	3 774	5 039	5 116
1992..	7 237	5 854	(D)	7 424	5 957	5 456	5 845
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	1 436	8	–	32	3	9	22
1992..	1 458	13	–	42	9	5	26
$1,000, 1997..	3 966	12	–	74	(D)	11	76
1992..	4 193	24	–	90	34	8	67
Average per farm ..... dollars, 1997..	2 762	1 481	–	2 309	(D)	1 230	3 462
1992..	2 876	1 817	–	2 148	3 767	1 503	2 584
FARMS BY SIZE							
1 to 9 acres ..... 1997..	727	1	–	43	4	7	5
1992..	685	2	–	39	1	7	1
10 to 49 acres ..... 1997..	2 192	4	4	111	5	9	5
1992..	1 902	4	–	103	3	10	3
50 to 69 acres ..... 1997..	1 071	–	–	49	1	5	3
1992..	918	1	1	48	–	7	5
70 to 99 acres ..... 1997..	2 175	5	–	69	10	12	11
1992..	1 959	5	2	83	12	5	7
100 to 139 acres ..... 1997..	2 295	8	2	67	12	9	12
1992..	2 489	6	5	83	13	9	18
140 to 179 acres ..... 1997..	2 099	5	2	78	16	13	11
1992..	2 294	3	–	86	13	4	7
180 to 219 acres ..... 1997..	1 705	6	3	63	14	8	13
1992..	1 822	5	2	65	12	10	10
220 to 259 acres ..... 1997..	1 314	3	1	31	7	7	10
1992..	1 552	4	3	50	9	9	12
260 to 499 acres ..... 1997..	4 253	28	6	90	36	27	44
1992..	5 066	19	4	131	41	28	50
500 to 999 acres ..... 1997..	3 097	15	6	68	23	13	25
1992..	3 460	12	6	68	23	16	36
1,000 to 1,999 acres ..... 1997..	1 322	1	2	32	8	6	13
1992..	1 225	5	2	18	6	4	13
2,000 acres or more ..... 1997..	371	1	–	10	1	1	4
1992..	301	1	–	11	1	–	2
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings:							
Average per farm ..... dollars, 1997..	563 003	328 597	338 383	545 525	385 568	360 029	538 036
1992..	382 251	278 067	258 170	346 312	254 024	341 626	359 728
Average per acre ..... dollars, 1997..	1 569	876	821	1 850	937	1 202	1 288
1992..	1 074	751	592	1 318	629	1 027	897

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
FARM PRODUCTION EXPENSES[1]—Con.							
1997 farm production expenses—Con.							
Petroleum products ..... farms..	20	282	458	56	624	472	535
$1,000..	72	1 566	2 938	164	2 953	3 433	2 835
Electricity ..... farms..	18	236	400	51	459	403	489
$1,000..	39	583	617	61	959	1 233	1 005
Hired farm labor ..... farms..	6	127	227	36	335	167	186
$1,000..	153	3 345	4 688	910	13 991	6 163	5 069
Contract labor ..... farms..	–	15	62	15	126	27	63
$1,000..	–	190	539	141	701	167	398
Repair and maintenance ..... farms..	19	263	447	56	583	430	511
$1,000..	64	2 494	4 130	290	4 081	4 153	3 127
Customwork, machine hire, and rental of machinery and equipment ..... farms..	8	132	233	11	305	175	188
$1,000..	10	1 039	850	(D)	1 780	1 087	913
Interest ..... farms..	6	182	302	41	335	276	270
$1,000..	37	2 862	3 321	305	3 490	4 079	3 423
Cash rent ..... farms..	9	154	289	17	283	241	246
$1,000..	(D)	2 470	5 232	(D)	3 389	4 473	2 849
Property taxes ..... farms..	20	273	417	57	568	436	508
$1,000..	36	997	1 769	162	1 960	1 831	2 073
All other farm production expenses ..... farms..	20	282	466	57	629	472	543
$1,000..	105	4 150	4 325	474	7 376	5 607	5 766
NET CASH RETURN[1]							
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	20	282	466	57	630	472	543
1992..	18	326	558	55	617	549	523
$1,000, 1997..	271	7 242	13 286	1 969	19 050	18 228	8 892
1992..	321	4 461	12 458	574	10 901	10 990	7 836
Average per farm ..... dollars, 1997..	13 526	25 679	28 511	34 552	30 239	38 619	16 376
1992..	17 848	13 685	22 327	10 436	17 669	20 019	14 982
Farms with net gains[2] ..... number, 1997..	18	228	331	40	507	358	374
1992..	16	188	388	31	476	334	317
$1,000, 1997..	(D)	8 284	15 263	2 158	21 704	20 035	11 535
1992..	(D)	7 012	15 128	893	12 673	12 972	10 203
Average per farm ..... dollars, 1997..	(D)	36 332	46 113	53 947	42 809	55 964	30 843
1992..	(D)	37 297	38 991	28 815	26 624	38 838	32 186
Farms with net losses ..... number, 1997..	2	54	135	17	123	114	169
1992..	2	138	170	24	141	215	206
$1,000, 1997..	(D)	1 042	1 978	188	2 654	1 807	2 643
1992..	(D)	2 551	2 670	319	1 771	1 982	2 367
Average per farm ..... dollars, 1997..	(D)	19 300	14 648	11 083	21 576	15 852	15 639
1992..	(D)	18 484	15 706	13 304	12 563	9 217	11 492
GOVERNMENT PAYMENTS							
Total received ..... farms, 1997..	5	163	280	14	215	309	365
1992..	9	170	244	36	248	369	325
$1,000, 1997..	4	1 137	1 487	36	1 083	3 226	2 525
1992..	19	1 677	1 441	154	1 721	3 263	2 550
Average per farm ..... dollars, 1997..	829	6 974	5 309	2 542	5 038	10 441	6 919
1992..	2 159	9 865	5 905	4 265	6 941	8 844	7 845
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	–	37	13	2	20	64	64
1992..	1	49	20	2	21	62	54
$1,000, 1997..	–	165	27	(D)	57	143	215
1992..	(D)	258	74	(D)	32	201	221
Average per farm ..... dollars, 1997..	–	4 454	2 115	(D)	2 830	2 238	3 360
1992..	(D)	5 274	3 691	(D)	1 529	3 243	4 087
FARMS BY SIZE							
1 to 9 acres ..... 1997..	–	3	9	1	28	17	8
1992..	–	7	14	1	20	13	14
10 to 49 acres ..... 1997..	2	15	39	4	138	22	22
1992..	1	16	48	4	123	26	20
50 to 69 acres ..... 1997..	–	14	30	4	65	29	18
1992..	–	17	35	8	61	18	7
70 to 99 acres ..... 1997..	2	29	45	4	66	53	57
1992..	–	25	78	6	61	48	40
100 to 139 acres ..... 1997..	–	30	54	6	69	48	54
1992..	–	26	71	3	68	61	40
140 to 179 acres ..... 1997..	1	27	51	3	50	36	65
1992..	1	28	47	1	84	51	58
180 to 219 acres ..... 1997..	1	16	28	5	33	35	47
1992..	–	17	37	8	39	43	51
220 to 259 acres ..... 1997..	1	18	29	4	31	24	34
1992..	3	34	32	3	30	24	36
260 to 499 acres ..... 1997..	3	57	77	16	77	93	124
1992..	7	68	84	12	63	146	117
500 to 999 acres ..... 1997..	10	48	69	9	42	67	84
1992..	6	63	85	8	45	90	109
1,000 to 1,999 acres ..... 1997..	–	15	26	1	19	39	24
1992..	–	18	23	1	22	24	22
2,000 acres or more ..... 1997..	–	6	8	–	7	10	10
1992..	–	3	4	–	3	8	5
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings:							
Average per farm ..... dollars, 1997..	341 063	576 629	526 432	519 195	414 691	511 242	452 886
1992..	180 640	358 639	377 211	252 634	291 221	329 929	328 939
Average per acre ..... dollars, 1997..	762	1 497	1 568	1 903	1 727	1 268	1 198
1992..	407	966	1 230	1 125	1 300	877	866

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
FARM PRODUCTION EXPENSES[1]—Con.							
1997 farm production expenses—Con.							
Petroleum products ..... farms..	381	56	59	113	129	614	4
$1,000..	2 786	159	191	223	355	3 145	2
Electricity ..... farms..	352	50	50	103	118	514	3
$1,000..	701	103	98	106	178	1 307	1
Hired farm labor ..... farms..	157	28	34	69	42	267	1
$1,000..	4 227	284	519	516	627	7 635	(D)
Contract labor ..... farms..	37	6	5	11	23	56	–
$1,000..	597	43	17	19	86	174	–
Repair and maintenance ..... farms..	363	49	55	112	104	604	4
$1,000..	2 776	280	290	470	548	5 003	5
Customwork, machine hire, and rental of machinery and equipment ..... farms..	188	11	14	32	50	382	2
$1,000..	1 150	41	21	39	92	1 298	(D)
Interest ..... farms..	257	31	31	50	76	367	3
$1,000..	4 998	203	207	351	1 071	4 559	(D)
Cash rent ..... farms..	182	20	32	50	66	327	2
$1,000..	2 958	72	59	104	192	4 413	(D)
Property taxes ..... farms..	344	56	59	113	129	584	4
$1,000..	1 596	119	138	166	228	2 162	7
All other farm production expenses ..... farms..	381	56	59	113	133	620	4
$1,000..	4 868	337	354	469	1 137	5 911	17
NET CASH RETURN[1]							
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	381	56	59	113	133	620	4
1992..	432	51	54	109	123	695	5
$1,000, 1997..	12 367	1 195	1 905	2 144	2 506	22 194	–19
1992..	12 592	537	509	2 616	1 891	12 240	(D)
Average per farm ..... dollars, 1997..	32 459	21 337	32 282	18 977	18 841	35 797	–4 695
1992..	29 147	10 522	9 429	23 996	15 378	17 611	(D)
Farms with net gains[2] ..... number, 1997..	253	48	44	88	111	460	2
1992..	264	37	32	82	85	482	2
$1,000, 1997..	13 983	1 235	2 165	2 491	2 787	25 177	(D)
1992..	14 481	673	699	2 880	2 188	14 743	(D)
Average per farm ..... dollars, 1997..	55 268	25 732	49 200	28 310	25 111	54 732	(D)
1992..	54 851	18 196	21 845	35 126	25 745	30 586	(D)
Farms with net losses ..... number, 1997..	128	8	15	25	22	160	2
1992..	168	14	22	27	38	213	3
$1,000, 1997..	1 616	40	260	347	282	2 983	(D)
1992..	1 889	137	190	265	297	2 503	17
Average per farm ..... dollars, 1997..	12 626	5 036	17 345	13 874	12 796	18 641	(D)
1992..	11 243	9 757	8 630	9 806	7 813	11 751	5 740
GOVERNMENT PAYMENTS							
Total received ..... farms, 1997..	257	23	19	44	54	400	–
1992..	253	22	18	36	49	416	–
$1,000, 1997..	1 947	69	33	99	205	2 265	–
1992..	1 947	48	84	160	282	2 064	–
Average per farm ..... dollars, 1997..	7 575	2 981	1 735	2 255	3 793	5 663	–
1992..	7 695	2 183	4 657	4 447	5 752	4 961	–
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	21	1	1	2	6	41	–
1992..	23	5	1	3	6	55	–
$1,000, 1997..	26	(D)	(D)	(D)	11	75	–
1992..	40	(D)	(D)	(D)	17	84	–
Average per farm ..... dollars, 1997..	1 225	(D)	(D)	(D)	1 859	1 834	–
1992..	1 733	(D)	(D)	(D)	2 750	1 535	–
FARMS BY SIZE							
1 to 9 acres ..... 1997..	5	3	1	2	2	12	–
1992..	9	3	2	1	2	8	1
10 to 49 acres ..... 1997..	22	6	1	3	7	26	–
1992..	18	4	3	1	4	28	2
50 to 69 acres ..... 1997..	15	1	1	5	9	30	1
1992..	20	1	–	–	9	20	1
70 to 99 acres ..... 1997..	29	1	–	2	21	90	1
1992..	39	8	3	3	14	66	–
100 to 139 acres ..... 1997..	34	7	5	3	20	72	–
1992..	36	6	4	5	5	106	1
140 to 179 acres ..... 1997..	41	7	4	10	10	72	–
1992..	43	5	–	5	7	91	–
180 to 219 acres ..... 1997..	31	3	7	2	7	60	–
1992..	29	3	8	7	10	72	–
220 to 259 acres ..... 1997..	26	5	4	9	11	32	2
1992..	32	1	–	11	16	48	–
260 to 499 acres ..... 1997..	75	9	14	23	18	115	–
1992..	103	16	13	26	26	156	–
500 to 999 acres ..... 1997..	62	12	18	44	25	66	–
1992..	69	11	19	41	22	74	–
1,000 to 1,999 acres ..... 1997..	33	2	3	9	4	31	–
1992..	26	5	2	4	3	30	–
2,000 acres or more ..... 1997..	5	–	2	3	1	13	–
1992..	6	–	1	1	2	7	–
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings:							
Average per farm ..... dollars, 1997..	620 156	495 987	454 422	418 638	284 192	520 844	205 000
1992..	380 684	352 450	232 054	222 515	201 493	302 007	95 200
Average per acre ..... dollars, 1997..	1 513	1 699	893	790	933	1 457	1 302
1992..	975	782	577	347	603	971	1 731

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
FARM PRODUCTION EXPENSES[1]—Con.							
1997 farm production expenses—Con.							
Petroleum products ..... farms..	100	47	481	81	271	154	5
$1,000..	289	197	2 516	181	1 151	259	4
Electricity ..... farms..	87	44	412	77	238	98	3
$1,000..	127	76	649	102	350	79	1
Hired farm labor ..... farms..	51	29	159	38	103	38	2
$1,000..	777	321	3 536	418	1 996	186	(D)
Contract labor ..... farms..	5	7	39	1	3	11	–
$1,000..	(D)	(D)	218	(D)	25	22	–
Repair and maintenance ..... farms..	100	47	451	76	259	111	4
$1,000..	567	269	3 359	427	1 687	390	9
Customwork, machine hire, and rental of machinery and equipment ..... farms..	17	15	184	13	119	51	1
$1,000..	(D)	(D)	729	(D)	292	97	(D)
Interest ..... farms..	54	28	291	44	157	91	1
$1,000..	355	207	2 868	211	1 795	406	(D)
Cash rent ..... farms..	40	16	248	40	131	70	–
$1,000..	186	35	3 090	93	1 465	463	–
Property taxes ..... farms..	94	48	461	80	260	141	5
$1,000..	240	106	1 685	228	896	264	5
All other farm production expenses ..... farms..	100	49	480	85	290	154	5
$1,000..	648	448	3 987	577	2 787	404	5
NET CASH RETURN[1]							
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	100	49	481	85	290	154	5
1992..	111	44	550	67	285	146	10
$1,000, 1997..	2 367	648	10 541	1 231	3 128	2 525	106
1992..	1 264	813	7 573	700	3 337	815	109
Average per farm ..... dollars, 1997..	23 668	13 216	21 914	14 481	10 785	16 393	21 145
1992..	11 389	18 477	13 769	10 449	11 709	5 582	10 917
Farms with net gains[2] ..... number, 1997..	71	34	317	60	170	138	5
1992..	84	27	360	46	148	93	7
$1,000, 1997..	2 576	790	14 354	1 565	5 094	3 041	106
1992..	(D)	1 021	9 657	1 004	4 874	1 026	127
Average per farm ..... dollars, 1997..	36 278	23 224	45 282	26 090	29 966	22 033	21 145
1992..	(D)	37 804	26 826	21 822	32 930	11 036	18 156
Farms with net losses ..... number, 1997..	29	15	164	25	120	16	–
1992..	27	17	190	21	137	53	3
$1,000, 1997..	209	142	3 814	334	1 967	516	–
1992..	(D)	208	2 085	304	1 536	211	18
Average per farm ..... dollars, 1997..	7 206	9 467	23 254	13 379	16 388	32 253	–
1992..	(D)	12 220	10 972	14 463	11 215	3 988	5 973
GOVERNMENT PAYMENTS							
Total received ..... farms, 1997..	48	25	276	22	127	68	1
1992..	43	23	293	23	136	59	2
$1,000, 1997..	132	95	2 114	66	972	262	(D)
1992..	165	98	2 113	90	1 354	254	(D)
Average per farm ..... dollars, 1997..	2 752	3 806	7 661	2 984	7 652	3 851	(D)
1992..	3 837	4 243	7 213	3 893	9 959	4 301	(D)
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	4	4	36	2	4	16	–
1992..	2	4	44	2	10	13	–
$1,000, 1997..	11	(D)	131	(D)	6	46	–
1992..	(D)	(D)	179	(D)	11	33	–
Average per farm ..... dollars, 1997..	2 741	(D)	3 647	(D)	1 398	2 867	–
1992..	(D)	(D)	4 062	(D)	1 099	2 516	–
FARMS BY SIZE							
1 to 9 acres ..... 1997..	3	1	7	3	14	2	2
1992..	2	1	14	3	9	2	2
10 to 49 acres ..... 1997..	3	2	33	7	46	8	–
1992..	8	1	31	5	32	8	1
50 to 69 acres ..... 1997..	1	1	16	7	16	3	–
1992..	1	–	10	4	19	3	–
70 to 99 acres ..... 1997..	2	1	45	7	39	23	1
1992..	3	–	34	3	17	22	1
100 to 139 acres ..... 1997..	9	2	48	4	25	19	1
1992..	6	4	66	2	34	14	3
140 to 179 acres ..... 1997..	6	3	39	6	27	23	–
1992..	7	2	41	5	22	21	1
180 to 219 acres ..... 1997..	5	3	44	4	20	17	1
1992..	5	3	48	10	26	9	–
220 to 259 acres ..... 1997..	5	7	40	5	13	16	–
1992..	3	1	54	3	17	10	–
260 to 499 acres ..... 1997..	32	17	106	24	38	23	–
1992..	34	18	141	24	57	37	2
500 to 999 acres ..... 1997..	24	10	53	11	25	19	–
1992..	32	13	82	7	22	13	–
1,000 to 1,999 acres ..... 1997..	11	2	32	5	18	3	–
1992..	11	1	30	4	23	4	–
2,000 acres or more ..... 1997..	–	–	12	–	7	–	–
1992..	1	–	7	1	8	–	–
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings:							
Average per farm ..... dollars, 1997..	316 382	350 221	551 981	509 552	554 762	237 045	66 894
1992..	212 131	217 522	378 323	345 873	448 777	198 578	133 300
Average per acre ..... dollars, 1997..	693	855	1 380	1 701	1 829	1 043	842
1992..	454	533	1 024	931	1 169	837	1 136

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
FARM PRODUCTION EXPENSES[1]—Con.								
1997 farm production expenses—Con.								
Petroleum products ..... farms..	187	516	522	37	816	388	524	76
$1,000..	665	3 921	2 565	94	6 633	2 376	2 875	231
Electricity ..... farms..	170	458	442	35	762	306	449	73
$1,000..	274	1 171	893	57	1 902	939	1 510	83
Hired farm labor ..... farms..	137	254	212	19	454	192	237	39
$1,000..	1 870	5 735	4 463	306	10 276	7 522	7 254	456
Contract labor ..... farms..	53	97	40	7	127	20	31	1
$1,000..	(D)	479	344	20	1 557	243	1 649	(D)
Repair and maintenance ..... farms..	191	496	479	33	799	376	482	77
$1,000..	1 275	5 246	3 621	147	10 368	3 707	4 517	486
Customwork, machine hire, and rental of machinery and equipment ..... farms..	95	218	269	8	397	177	264	22
$1,000..	227	1 218	1 219	27	3 103	1 225	1 276	(D)
Interest ..... farms..	105	330	365	20	570	225	307	25
$1,000..	775	4 817	3 955	59	11 353	2 998	5 137	228
Cash rent ..... farms..	47	232	287	20	450	218	232	37
$1,000..	(D)	4 727	4 732	27	11 810	3 111	3 784	135
Property taxes ..... farms..	180	471	501	37	782	367	519	81
$1,000..	779	1 905	1 310	62	4 205	1 934	1 924	140
All other farm production expenses ..... farms..	197	518	522	37	851	390	524	81
$1,000..	1 700	6 742	3 861	239	10 801	4 456	7 354	516
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	198	518	522	37	851	390	524	81
1992..	196	616	531	30	1 063	379	575	72
$1,000, 1997..	4 583	25 321	16 755	497	41 714	6 523	12 641	1 474
1992..	2 919	19 397	7 219	483	27 355	6 223	10 427	1 178
Average per farm ..... dollars, 1997..	23 149	48 882	32 098	13 427	49 018	16 725	24 124	18 197
1992..	14 895	31 489	13 595	16 099	25 734	16 421	18 134	16 368
Farms with net gains[2] ..... number, 1997..	166	444	393	33	707	283	331	59
1992..	145	515	387	21	752	211	385	39
$1,000, 1997..	5 265	26 699	18 242	(D)	45 472	13 396	15 651	1 694
1992..	3 661	21 223	9 821	583	32 852	9 356	12 929	1 438
Average per farm ..... dollars, 1997..	31 716	60 133	46 417	(D)	64 317	47 336	47 284	28 710
1992..	25 248	41 209	25 378	27 756	43 686	44 342	33 582	36 879
Farms with net losses ..... number, 1997..	32	74	129	4	144	107	193	22
1992..	51	101	144	9	311	168	190	33
$1,000, 1997..	682	1 378	1 487	(D)	3 758	6 873	3 010	220
1992..	742	1 825	2 603	100	5 497	3 133	2 502	260
Average per farm ..... dollars, 1997..	21 298	18 621	11 524	(D)	26 098	64 237	15 596	9 996
1992..	14 540	18 072	18 073	11 101	17 675	18 648	13 169	7 872
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	51	370	356	10	598	196	359	47
1992..	53	386	323	11	691	175	358	43
$1,000, 1997..	268	2 363	2 799	12	4 224	1 669	2 423	181
1992..	310	2 715	2 604	43	5 356	1 602	2 367	266
Average per farm ..... dollars, 1997..	5 248	6 387	7 862	1 203	7 064	8 514	6 749	3 860
1992..	5 857	7 034	8 061	3 898	7 751	9 155	6 612	6 185
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	4	65	98	1	67	12	40	9
1992..	3	67	81	1	76	16	48	6
$1,000, 1997..	(D)	176	343	(D)	180	120	97	11
1992..	6	171	379	(D)	260	52	98	44
Average per farm ..... dollars, 1997..	(D)	2 712	3 497	(D)	2 683	9 963	2 417	1 257
1992..	1 933	2 545	4 682	(D)	3 425	3 274	2 032	7 256
FARMS BY SIZE								
1 to 9 acres ..... 1997..	6	13	12	1	31	9	9	–
1992..	6	16	4	1	36	8	9	–
10 to 49 acres ..... 1997..	40	22	27	3	45	44	37	8
1992..	36	22	25	2	35	32	22	3
50 to 69 acres ..... 1997..	7	17	30	2	25	16	25	2
1992..	11	20	24	2	19	13	18	–
70 to 99 acres ..... 1997..	29	54	54	5	59	39	52	7
1992..	30	61	51	3	84	24	38	5
100 to 139 acres ..... 1997..	22	53	65	4	70	35	73	7
1992..	19	71	63	2	109	22	94	4
140 to 179 acres ..... 1997..	18	51	44	2	54	32	39	7
1992..	20	55	46	3	108	25	48	6
180 to 219 acres ..... 1997..	11	26	46	3	71	30	48	8
1992..	14	38	38	–	86	35	48	3
220 to 259 acres ..... 1997..	6	25	38	2	41	23	23	8
1992..	8	27	39	4	55	32	43	7
260 to 499 acres ..... 1997..	35	103	88	11	209	80	97	17
1992..	26	129	111	14	260	88	121	25
500 to 999 acres ..... 1997..	15	91	69	3	151	50	74	18
1992..	17	104	90	3	180	59	90	15
1,000 to 1,999 acres ..... 1997..	7	47	37	1	82	22	33	2
1992..	6	56	37	1	72	19	25	2
2,000 acres or more ..... 1997..	1	20	12	–	19	14	11	–
1992..	2	10	4	1	18	14	14	1
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings:								
Average per farm ..... dollars, 1997..	532 166	696 962	477 176	155 674	795 731	626 805	523 824	308 373
1992..	368 162	407 019	328 140	191 487	458 026	481 594	329 456	261 721
Average per acre ..... dollars, 1997..	2 021	1 379	1 177	532	1 667	1 437	1 336	983
1992..	1 653	979	838	582	1 138	1 065	861	715

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
FARM PRODUCTION EXPENSES[1]—Con.								
1997 farm production expenses—Con.								
Petroleum products ..... farms..	26	475	401	374	39	533	–	33
$1,000..	79	2 308	1 736	3 746	269	4 630	–	79
Electricity ..... farms..	23	402	369	336	32	488	–	21
$1,000..	23	893	558	1 424	88	1 979	–	41
Hired farm labor ..... farms..	13	199	131	180	20	354	–	8
$1,000..	260	4 437	2 862	13 923	417	23 146	–	110
Contract labor ..... farms..	1	48	24	47	4	92	–	1
$1,000..	(D)	106	90	325	13	659	–	(D)
Repair and maintenance ..... farms..	25	471	410	362	32	537	–	23
$1,000..	83	3 467	2 523	4 355	235	6 046	–	96
Customwork, machine hire, and rental of machinery and equipment ..... farms..	7	215	123	138	9	201	–	7
$1,000..	(D)	765	494	774	84	1 001	–	(D)
Interest ..... farms..	11	305	210	221	21	306	–	17
$1,000..	46	2 751	2 165	4 648	254	5 262	–	79
Cash rent ..... farms..	14	200	221	180	8	235	–	2
$1,000..	23	2 187	1 806	2 511	121	3 082	–	(D)
Property taxes ..... farms..	26	461	375	366	39	521	–	33
$1,000..	57	1 388	1 337	1 710	119	2 515	–	125
All other farm production expenses ..... farms..	26	475	412	375	39	546	–	33
$1,000..	194	4 242	2 965	10 175	361	16 799	–	120
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	26	475	412	376	39	546	–	33
1992..	30	491	431	362	23	565	–	22
$1,000, 1997..	290	13 794	5 040	31 378	1 390	29 849	–	609
1992..	140	8 537	5 189	16 293	490	22 926	–	199
Average per farm ..... dollars, 1997..	11 151	29 041	12 232	83 453	35 651	54 668	–	18 458
1992..	4 651	17 387	12 038	45 007	21 283	40 577	–	9 036
Farms with net gains[2] ..... number, 1997..	19	336	239	269	32	372	–	25
1992..	20	323	270	245	17	398	–	15
$1,000, 1997..	394	15 412	8 022	34 504	1 455	33 748	–	694
1992..	314	10 377	6 952	19 090	549	25 240	–	261
Average per farm ..... dollars, 1997..	20 721	45 869	33 564	128 266	45 470	90 721	–	27 762
1992..	15 712	32 126	25 748	77 919	32 314	63 418	–	17 403
Farms with net losses ..... number, 1997..	7	139	173	107	7	174	–	8
1992..	10	168	161	117	6	167	–	7
$1,000, 1997..	104	1 618	2 982	3 125	65	3 900	–	85
1992..	175	1 840	1 763	2 798	60	2 314	–	62
Average per farm ..... dollars, 1997..	14 825	11 638	17 238	29 208	9 237	22 412	–	10 619
1992..	17 472	10 950	10 952	23 912	9 970	13 857	–	8 893
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	9	311	249	171	12	236	–	11
1992..	12	251	233	132	14	203	–	3
$1,000, 1997..	(D)	1 348	1 681	1 517	49	1 439	–	34
1992..	35	1 301	1 931	1 376	95	1 402	–	12
Average per farm ..... dollars, 1997..	(D)	4 335	6 750	8 873	4 066	6 096	–	3 110
1992..	2 885	5 181	8 286	10 424	6 807	6 908	–	3 958
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	–	47	28	7	–	29	–	2
1992..	–	32	16	9	–	17	–	–
$1,000, 1997..	–	106	111	36	–	83	–	(D)
1992..	–	113	19	36	–	31	–	–
Average per farm ..... dollars, 1997..	–	2 255	3 979	5 188	–	2 868	–	(D)
1992..	–	3 544	1 199	4 009	–	1 843	–	–
FARMS BY SIZE								
1 to 9 acres ..... 1997..	–	3	12	36	1	35	–	1
1992..	–	5	11	48	–	26	–	–
10 to 49 acres ..... 1997..	–	23	33	66	4	74	–	6
1992..	1	23	23	50	1	68	–	3
50 to 69 acres ..... 1997..	–	11	16	15	3	41	–	2
1992..	1	8	18	11	–	29	–	–
70 to 99 acres ..... 1997..	2	36	24	37	5	51	–	2
1992..	–	34	21	32	1	55	–	2
100 to 139 acres ..... 1997..	–	61	53	28	3	61	–	1
1992..	–	71	49	26	2	65	–	3
140 to 179 acres ..... 1997..	2	37	51	31	3	53	–	3
1992..	2	60	46	25	4	66	–	–
180 to 219 acres ..... 1997..	2	43	43	20	1	36	–	3
1992..	2	44	36	20	1	37	–	1
220 to 259 acres ..... 1997..	–	39	24	12	4	34	–	1
1992..	1	32	46	16	2	33	–	5
260 to 499 acres ..... 1997..	9	107	79	46	9	84	–	7
1992..	12	112	102	49	6	110	–	2
500 to 999 acres ..... 1997..	7	77	53	53	2	45	–	4
1992..	5	81	59	52	3	52	–	3
1,000 to 1,999 acres ..... 1997..	4	29	18	27	4	28	–	2
1992..	5	13	16	25	3	23	–	1
2,000 acres or more ..... 1997..	–	7	6	6	–	6	–	–
1992..	1	6	11	8	–	5	–	–
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings:								
Average per farm ..... dollars, 1997..	373 163	422 565	427 605	644 310	260 783	704 968	–	314 385
1992..	347 232	268 119	329 033	537 682	273 534	446 511	–	167 414
Average per acre ..... dollars, 1997..	665	1 115	1 346	1 917	825	2 415	–	922
1992..	454	780	879	1 408	641	1 557	–	485

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
FARM PRODUCTION EXPENSES[1]—Con.								
1997 farm production expenses—Con.								
Petroleum products ..... farms..	426	233	713	251	14	26	276	98
$1,000..	1 967	878	3 898	1 202	59	100	2 107	460
Electricity ..... farms..	365	204	570	218	10	24	243	78
$1,000..	800	322	920	484	15	38	617	157
Hired farm labor ..... farms..	208	164	271	114	10	16	127	69
$1,000..	4 932	4 731	6 148	3 983	158	296	8 110	1 489
Contract labor ..... farms..	54	38	54	20	2	1	23	20
$1,000..	462	(D)	169	149	(D)	(D)	144	423
Repair and maintenance ..... farms..	417	225	673	242	12	26	245	97
$1,000..	2 945	1 571	5 884	1 843	88	159	2 143	626
Customwork, machine hire, and rental of machinery and equipment ..... farms..	159	93	317	66	1	7	68	22
$1,000..	577	392	1 331	387	(D)	35	333	60
Interest ..... farms..	236	120	409	127	6	21	95	67
$1,000..	2 526	1 244	6 595	1 282	98	144	969	426
Cash rent ..... farms..	251	38	402	159	6	16	116	28
$1,000..	2 645	833	10 326	1 495	(D)	24	938	124
Property taxes ..... farms..	406	230	650	250	14	25	254	86
$1,000..	1 253	1 025	2 913	1 105	25	47	962	234
All other farm production expenses ..... farms..	427	240	720	268	14	26	276	98
$1,000..	4 842	2 254	5 574	2 304	93	433	5 910	582
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	427	240	720	268	14	26	277	98
1992..	470	233	800	257	16	35	282	86
$1,000, 1997..	12 650	7 430	23 985	5 132	1 294	186	11 038	2 608
1992..	7 847	6 183	12 869	5 181	198	676	7 053	756
Average per farm ..... dollars, 1997..	29 626	30 957	33 313	19 149	92 454	7 165	39 848	26 608
1992..	16 695	26 535	16 086	20 159	12 356	19 318	25 009	8 787
Farms with net gains[2] ..... number, 1997..	307	188	551	186	11	17	232	69
1992..	326	155	496	173	12	28	206	49
$1,000, 1997..	14 410	8 104	26 503	6 851	1 329	326	11 423	3 175
1992..	9 974	7 299	16 193	6 465	242	763	7 764	1 259
Average per farm ..... dollars, 1997..	46 937	43 108	48 099	36 834	120 814	19 197	49 237	46 014
1992..	30 595	47 091	32 647	37 370	20 194	27 236	37 688	25 692
Farms with net losses ..... number, 1997..	120	52	169	82	3	9	45	29
1992..	144	78	304	84	4	7	76	37
$1,000, 1997..	1 760	675	2 517	1 719	35	140	385	567
1992..	2 127	1 116	3 324	1 284	45	86	711	503
Average per farm ..... dollars, 1997..	14 664	12 974	14 895	20 965	11 534	15 561	8 562	19 564
1992..	14 773	14 313	10 934	15 288	11 157	12 356	9 359	13 602
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	194	50	472	103	3	7	92	31
1992..	220	85	475	113	1	6	82	38
$1,000, 1997..	1 562	119	4 285	593	(D)	28	448	59
1992..	1 740	406	4 379	1 089	(D)	28	490	173
Average per farm ..... dollars, 1997..	8 050	2 381	9 079	5 758	(D)	3 962	4 875	1 902
1992..	7 910	4 779	9 220	9 635	(D)	4 677	5 971	4 541
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	16	10	91	11	–	–	2	6
1992..	19	11	86	12	–	1	3	4
$1,000, 1997..	34	14	237	11	–	–	(D)	20
1992..	26	(D)	231	34	–	(D)	(D)	8
Average per farm ..... dollars, 1997..	2 100	1 418	2 607	984	–	–	(D)	3 351
1992..	1 390	(D)	2 682	2 871	–	(D)	(D)	1 887
FARMS BY SIZE								
1 to 9 acres ..... 1997..	8	5	15	14	1	1	39	2
1992..	10	6	13	8	1	–	23	4
10 to 49 acres ..... 1997..	47	31	50	46	2	2	50	10
1992..	55	21	54	26	1	1	67	5
50 to 69 acres ..... 1997..	23	18	42	7	–	1	18	3
1992..	17	12	34	7	–	1	10	1
70 to 99 acres ..... 1997..	37	28	56	33	1	1	34	17
1992..	37	24	59	25	–	–	29	5
100 to 139 acres ..... 1997..	57	27	96	25	1	–	20	9
1992..	51	31	98	20	1	–	34	12
140 to 179 acres ..... 1997..	54	36	66	32	–	2	23	5
1992..	46	44	79	32	–	3	26	5
180 to 219 acres ..... 1997..	29	24	42	16	–	–	10	6
1992..	41	25	52	31	–	1	21	9
220 to 259 acres ..... 1997..	28	16	41	12	–	1	16	6
1992..	27	16	56	15	–	1	8	1
260 to 499 acres ..... 1997..	65	34	119	41	4	8	44	25
1992..	89	39	139	40	7	15	38	34
500 to 999 acres ..... 1997..	50	12	113	27	3	6	22	12
1992..	70	14	137	38	4	10	21	9
1,000 to 1,999 acres ..... 1997..	24	4	68	15	1	3	6	1
1992..	20	5	65	15	2	2	6	3
2,000 acres or more ..... 1997..	5	2	13	2	1	1	1	–
1992..	5	1	10	3	–	1	2	–
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings:								
Average per farm ..... dollars, 1997..	700 277	636 586	694 798	660 536	397 593	311 246	602 769	293 994
1992..	435 173	364 073	454 888	442 821	201 613	293 707	554 637	300 347
Average per acre ..... dollars, 1997..	2 086	2 858	1 664	2 005	740	575	3 125	1 123
1992..	1 227	1 759	1 152	1 280	432	590	2 235	926

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
FARM PRODUCTION EXPENSES[1]—Con.								
1997 farm production expenses—Con.								
Petroleum products ..... farms..	28	194	228	155	167	168	613	448
$1,000..	158	901	757	575	756	1 022	3 870	3 225
Electricity ..... farms..	23	183	196	156	153	140	482	364
$1,000..	49	380	446	381	176	700	912	1 594
Hired farm labor ..... farms..	13	133	89	76	84	108	221	204
$1,000..	300	4 432	1 139	1 477	736	3 095	10 140	7 523
Contract labor ..... farms..	3	22	5	34	28	25	50	44
$1,000..	(D)	68	17	54	106	167	783	316
Repair and maintenance ..... farms..	23	195	210	149	155	158	543	413
$1,000..	217	1 376	1 136	1 074	995	1 894	4 817	4 839
Customwork, machine hire, and rental of machinery and equipment ..... farms..	8	49	51	56	62	72	323	163
$1,000..	(D)	342	260	103	225	234	1 446	1 692
Interest ..... farms..	9	115	134	109	85	115	321	265
$1,000..	101	1 090	1 540	1 142	1 151	2 087	4 249	4 570
Cash rent ..... farms..	5	94	109	90	80	97	356	209
$1,000..	10	688	476	250	1 276	485	6 670	4 361
Property taxes ..... farms..	28	195	215	161	146	163	592	408
$1,000..	89	532	479	441	614	673	2 277	1 582
All other farm production expenses ..... farms..	28	203	228	161	174	169	613	449
$1,000..	251	2 355	1 825	1 491	1 254	3 668	7 933	7 405
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	28	203	228	161	174	169	613	449
1992..	25	199	241	147	196	142	608	430
$1,000, 1997..	395	5 684	3 993	5 126	2 703	9 882	23 767	23 128
1992..	(D)	3 339	3 135	2 821	1 916	7 235	7 393	13 957
Average per farm ..... dollars, 1997..	14 123	28 002	17 513	31 840	15 535	58 473	38 771	51 509
1992..	(D)	16 778	13 010	19 189	9 776	50 947	12 159	32 457
Farms with net gains[2] ..... number, 1997..	17	134	162	133	139	160	415	364
1992..	16	154	175	109	120	133	314	324
$1,000, 1997..	863	6 244	4 722	5 816	3 293	10 141	26 070	24 596
1992..	319	4 279	4 326	3 631	3 260	7 461	10 795	15 733
Average per farm ..... dollars, 1997..	50 779	46 595	29 147	43 728	23 690	63 379	62 819	67 571
1992..	19 952	27 785	24 722	33 312	27 170	56 097	34 379	48 559
Farms with net losses ..... number, 1997..	11	69	66	28	35	9	198	85
1992..	9	45	66	38	76	9	294	106
$1,000, 1997..	468	559	729	690	590	259	2 303	1 468
1992..	(D)	940	1 191	810	1 344	226	3 402	1 776
Average per farm ..... dollars, 1997..	42 528	8 108	11 045	24 631	16 856	28 751	11 632	17 275
1992..	(D)	20 888	18 045	21 321	17 690	25 153	11 572	16 757
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	6	95	97	81	106	98	322	256
1992..	6	85	113	82	75	101	264	257
$1,000, 1997..	(D)	397	441	359	463	385	1 971	1 873
1992..	25	527	599	578	581	496	1 888	1 928
Average per farm ..... dollars, 1997..	(D)	4 174	4 549	4 432	4 366	3 926	6 120	7 315
1992..	4 121	6 205	5 301	7 044	7 748	4 912	7 150	7 504
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	–	11	21	3	13	10	16	56
1992..	–	8	28	5	11	11	19	51
$1,000, 1997..	–	14	54	15	22	14	28	135
1992..	–	10	76	(D)	(D)	11	(D)	135
Average per farm ..... dollars, 1997..	–	1 259	2 572	5 100	1 659	1 437	1 755	2 403
1992..	–	1 250	2 727	(D)	(D)	959	(D)	2 644
FARMS BY SIZE								
1 to 9 acres ..... 1997..	1	–	2	–	–	2	22	9
1992..	2	–	3	1	2	2	21	8
10 to 49 acres ..... 1997..	6	28	10	10	16	6	74	37
1992..	2	25	6	5	16	8	51	29
50 to 69 acres ..... 1997..	1	6	9	3	10	1	38	17
1992..	1	8	7	1	6	4	32	11
70 to 99 acres ..... 1997..	4	25	28	5	20	11	74	50
1992..	–	24	30	3	27	7	51	27
100 to 139 acres ..... 1997..	–	20	23	7	16	10	63	29
1992..	1	18	20	–	26	8	81	38
140 to 179 acres ..... 1997..	–	15	19	7	24	6	57	40
1992..	2	20	23	5	24	8	55	38
180 to 219 acres ..... 1997..	2	12	18	11	12	10	40	29
1992..	1	16	24	9	12	4	46	21
220 to 259 acres ..... 1997..	–	20	17	9	8	12	24	28
1992..	–	21	24	4	12	9	39	29
260 to 499 acres ..... 1997..	5	39	53	46	33	51	100	88
1992..	6	40	56	51	23	63	120	106
500 to 999 acres ..... 1997..	3	24	41	42	29	49	77	72
1992..	2	22	40	52	30	38	74	89
1,000 to 1,999 acres ..... 1997..	5	8	4	19	6	10	36	36
1992..	4	8	9	18	10	13	33	30
2,000 acres or more ..... 1997..	1	1	2	1	3	–	6	11
1992..	1	1	–	–	6	–	5	7
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings:								
Average per farm ..... dollars, 1997..	536 213	365 430	363 604	311 915	556 621	434 329	649 892	534 021
1992..	205 070	295 999	224 967	355 073	403 702	350 069	515 090	364 017
Average per acre ..... dollars, 1997..	969	1 090	1 270	625	1 469	1 000	2 050	1 226
1992..	396	1 088	753	623	1 116	769	1 486	822

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
FARM PRODUCTION EXPENSES[1]—Con.								
1997 farm production expenses—Con.								
Petroleum products ..... farms..	40	179	314	181	317	138	27	180
$1,000..	130	1 518	1 474	1 233	1 601	798	67	804
Electricity ..... farms..	37	159	290	156	269	126	25	156
$1,000..	68	619	1 076	429	643	384	48	399
Hired farm labor ..... farms..	9	116	129	113	233	75	16	76
$1,000..	(D)	6 392	5 046	10 031	9 606	2 934	189	1 424
Contract labor ..... farms..	1	49	24	34	63	14	5	10
$1,000..	(D)	634	436	245	417	67	14	5
Repair and maintenance ..... farms..	40	164	289	165	279	133	26	178
$1,000..	182	2 026	3 094	1 372	2 647	1 474	124	1 149
Customwork, machine hire, and rental of machinery and equipment ..... farms..	3	68	153	77	116	42	10	42
$1,000..	(D)	1 062	639	264	700	130	12	116
Interest ..... farms..	20	118	198	71	189	71	18	99
$1,000..	163	1 733	2 598	517	2 383	1 014	119	1 040
Cash rent ..... farms..	9	75	162	76	111	81	14	104
$1,000..	47	635	918	1 099	1 014	317	20	392
Property taxes ..... farms..	39	171	297	163	308	137	28	180
$1,000..	45	755	1 142	779	1 001	386	57	650
All other farm production expenses ..... farms..	40	179	319	182	318	140	28	180
$1,000..	291	4 190	4 721	5 000	4 131	2 052	188	1 692
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	40	179	319	182	318	140	28	180
1992..	36	135	284	173	325	125	33	156
$1,000, 1997..	1 259	9 811	11 034	3 768	9 160	3 399	700	2 894
1992..	412	3 540	7 543	3 688	6 888	3 329	277	3 279
Average per farm ..... dollars, 1997..	31 487	54 808	34 588	20 704	28 803	24 279	24 998	16 077
1992..	11 438	26 224	26 558	21 316	21 192	26 635	8 393	21 021
Farms with net gains[2] ..... number, 1997..	36	135	255	109	254	95	17	137
1992..	20	94	195	119	232	108	24	125
$1,000, 1997..	1 346	10 101	12 158	7 674	12 417	4 087	765	3 678
1992..	616	4 141	8 733	5 754	8 193	3 535	323	3 756
Average per farm ..... dollars, 1997..	37 390	74 822	47 678	70 401	48 884	43 022	44 972	26 845
1992..	30 804	44 050	44 784	48 354	35 314	32 729	13 447	30 046
Farms with net losses ..... number, 1997..	4	44	64	73	64	45	11	43
1992..	16	41	89	54	93	17	9	31
$1,000, 1997..	87	290	1 124	3 906	3 257	688	65	784
1992..	204	600	1 190	2 067	1 305	205	46	476
Average per farm ..... dollars, 1997..	21 633	6 600	17 567	53 501	50 892	15 291	5 871	18 230
1992..	12 769	14 644	13 375	38 269	14 036	12 076	5 087	15 370
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	20	79	167	32	109	65	13	80
1992..	17	57	141	30	102	73	15	56
$1,000, 1997..	82	518	657	275	642	337	(D)	298
1992..	47	443	613	279	611	551	34	346
Average per farm ..... dollars, 1997..	4 089	6 562	3 936	8 604	5 887	5 181	(D)	3 720
1992..	2 752	7 763	4 344	9 291	5 990	7 547	2 293	6 178
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	2	5	16	2	10	6	–	9
1992..	5	4	10	3	9	4	3	9
$1,000, 1997..	(D)	5	13	(D)	16	47	–	15
1992..	12	(D)	23	(D)	(D)	(D)	(D)	29
Average per farm ..... dollars, 1997..	(D)	1 045	782	(D)	1 595	7 825	–	1 705
1992..	2 393	(D)	2 292	(D)	(D)	(D)	(D)	3 167
FARMS BY SIZE								
1 to 9 acres ..... 1997..	–	11	5	25	1	2	–	1
1992..	–	12	5	33	2	–	–	4
10 to 49 acres ..... 1997..	1	37	30	64	39	9	1	11
1992..	2	21	23	45	28	4	–	7
50 to 69 acres ..... 1997..	3	15	14	9	11	3	–	6
1992..	–	10	10	5	15	6	–	–
70 to 99 acres ..... 1997..	3	10	33	15	35	11	–	16
1992..	3	14	17	11	41	7	–	12
100 to 139 acres ..... 1997..	2	15	39	10	25	11	1	12
1992..	2	12	34	5	34	3	3	9
140 to 179 acres ..... 1997..	2	11	28	7	30	11	1	12
1992..	8	14	32	16	31	14	–	8
180 to 219 acres ..... 1997..	6	8	32	11	33	7	–	17
1992..	6	9	28	8	28	14	1	11
220 to 259 acres ..... 1997..	2	7	21	7	18	7	1	12
1992..	–	6	22	2	14	6	–	7
260 to 499 acres ..... 1997..	8	32	65	22	66	40	10	57
1992..	10	30	69	25	73	32	18	56
500 to 999 acres ..... 1997..	13	21	43	6	42	30	12	27
1992..	5	22	35	12	43	31	6	33
1,000 to 1,999 acres ..... 1997..	1	4	11	4	16	4	1	11
1992..	1	4	7	3	14	6	4	9
2,000 acres or more ..... 1997..	–	4	–	1	2	2	1	2
1992..	1	3	–	2	6	2	1	–
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings:								
Average per farm ..... dollars, 1997..	286 356	498 694	329 530	919 280	434 383	436 461	266 091	425 921
1992..	252 494	484 969	255 091	405 041	304 620	372 694	192 668	269 175
Average per acre ..... dollars, 1997..	830	1 497	1 207	5 147	1 297	1 077	462	1 125
1992..	629	1 151	915	2 220	905	783	347	688

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
FARM PRODUCTION EXPENSES[1]—Con.								
1997 farm production expenses—Con.								
Petroleum products ..... farms..	33	41	756	122	15	736	409	445
$1,000..	55	135	7 245	583	20	4 038	1 583	2 891
Electricity ..... farms..	28	36	668	112	12	606	330	393
$1,000..	35	49	3 901	222	6	804	392	1 336
Hired farm labor ..... farms..	12	17	465	64	1	256	132	182
$1,000..	46	297	45 021	774	(D)	4 907	2 826	4 475
Contract labor ..... farms..	–	5	133	23	–	80	36	26
$1,000..	–	8	6 928	17	–	303	68	689
Repair and maintenance ..... farms..	34	35	725	109	12	702	397	380
$1,000..	105	237	9 421	546	45	5 975	2 445	4 492
Customwork, machine hire, and rental of machinery and equipment ..... farms..	11	9	353	48	1	360	122	255
$1,000..	(D)	88	2 697	87	(D)	1 133	604	2 710
Interest ..... farms..	19	18	516	51	5	453	189	290
$1,000..	83	158	10 191	740	10	5 173	1 153	5 013
Cash rent ..... farms..	14	13	308	50	–	343	201	239
$1,000..	(D)	66	6 427	477	–	6 492	1 953	5 577
Property taxes ..... farms..	33	41	724	122	15	658	392	444
$1,000..	49	108	3 362	278	29	2 680	1 090	1 902
All other farm production expenses ..... farms..	35	41	758	122	15	736	415	470
$1,000..	125	251	35 577	661	42	5 082	2 546	4 934
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	35	41	758	122	15	736	415	470
1992..	34	44	804	122	6	810	391	531
$1,000, 1997..	550	1 150	58 836	3 561	233	18 232	5 740	21 144
1992..	386	356	35 076	1 702	(D)	14 445	6 001	12 756
Average per farm ..... dollars, 1997..	15 703	28 058	77 620	29 191	15 531	24 772	13 832	44 987
1992..	11 364	8 092	43 627	13 950	(D)	17 834	15 348	24 023
Farms with net gains[2] ..... number, 1997..	24	34	593	91	11	539	281	323
1992..	28	27	587	74	5	562	243	345
$1,000, 1997..	630	1 219	65 141	3 749	265	20 684	7 717	22 694
1992..	439	513	38 734	2 401	40	17 534	7 793	15 104
Average per farm ..... dollars, 1997..	26 240	35 858	109 850	41 193	24 058	38 376	27 463	70 259
1992..	15 670	19 014	65 986	32 450	7 924	31 199	32 070	43 781
Farms with net losses ..... number, 1997..	11	7	165	31	4	197	134	147
1992..	6	17	217	48	1	248	148	186
$1,000, 1997..	80	69	6 305	187	32	2 452	1 977	1 550
1992..	52	157	3 657	699	(D)	3 089	1 792	2 348
Average per farm ..... dollars, 1997..	7 289	9 826	38 211	6 040	7 919	12 448	14 754	10 544
1992..	8 728	9 255	16 854	14 571	(D)	12 455	12 109	12 625
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	8	23	238	44	2	484	196	306
1992..	6	21	250	40	–	397	151	322
$1,000, 1997..	9	62	1 621	98	(D)	2 591	1 093	3 238
1992..	(D)	58	1 400	242	–	2 518	1 072	3 300
Average per farm ..... dollars, 1997..	1 158	2 716	6 811	2 227	(D)	5 353	5 576	10 581
1992..	(D)	2 744	5 602	6 061	–	6 343	7 101	10 249
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	–	1	19	2	–	19	9	37
1992..	–	2	23	1	–	26	9	40
$1,000, 1997..	–	(D)	48	(D)	–	47	14	107
1992..	–	(D)	77	(D)	–	69	19	83
Average per farm ..... dollars, 1997..	–	(D)	2 520	(D)	–	2 464	1 527	2 890
1992..	–	(D)	3 349	(D)	–	2 640	2 073	2 078
FARMS BY SIZE								
1 to 9 acres ..... 1997..	–	–	66	–	2	16	12	13
1992..	–	1	61	2	1	18	9	13
10 to 49 acres ..... 1997..	–	2	184	3	4	46	41	25
1992..	–	2	180	1	–	55	31	27
50 to 69 acres ..... 1997..	–	1	62	2	3	44	20	18
1992..	1	1	62	1	1	22	9	27
70 to 99 acres ..... 1997..	3	3	75	2	–	85	39	58
1992..	2	–	86	4	–	89	22	34
100 to 139 acres ..... 1997..	9	1	77	7	–	91	38	49
1992..	9	1	92	1	2	97	47	59
140 to 179 acres ..... 1997..	5	5	55	10	5	73	33	60
1992..	7	2	63	12	–	72	41	57
180 to 219 acres ..... 1997..	3	4	54	11	–	61	37	33
1992..	1	1	54	6	1	57	25	39
220 to 259 acres ..... 1997..	5	1	26	13	–	43	35	24
1992..	1	3	44	6	–	78	29	40
260 to 499 acres ..... 1997..	6	10	81	38	–	120	93	64
1992..	8	18	102	43	–	157	104	102
500 to 999 acres ..... 1997..	3	9	48	20	–	91	41	74
1992..	5	8	48	42	1	102	56	92
1,000 to 1,999 acres ..... 1997..	1	5	18	15	1	57	17	35
1992..	–	4	8	6	–	55	12	35
2,000 acres or more ..... 1997..	–	1	4	1	–	12	5	15
1992..	–	–	4	–	–	9	8	8
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings:								
Average per farm ..... dollars, 1997..	293 959	610 238	538 287	313 113	210 999	640 881	710 233	759 314
1992..	181 341	311 181	381 368	265 556	161 383	400 787	398 375	471 524
Average per acre ..... dollars, 1997..	1 082	1 270	2 873	838	1 383	1 609	2 364	1 731
1992..	716	741	1 984	570	838	1 157	1 123	1 076

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
FARM PRODUCTION EXPENSES[1]—Con.								
1997 farm production expenses—Con.								
Petroleum products ..... farms..	865	19	503	638	538	492	146	82
$1,000..	5 211	54	2 291	4 768	3 679	2 427	1 432	329
Electricity ..... farms..	770	19	383	526	479	403	112	69
$1,000..	1 937	25	568	982	1 431	910	387	125
Hired farm labor ..... farms..	377	14	171	340	329	181	85	37
$1,000..	8 249	115	2 649	7 798	17 129	5 324	5 448	966
Contract labor ..... farms..	96	3	32	38	118	48	16	9
$1,000..	(D)	(D)	85	152	1 144	156	701	168
Repair and maintenance ..... farms..	816	20	497	591	511	467	138	73
$1,000..	8 745	95	3 469	6 673	5 140	3 588	1 435	401
Customwork, machine hire, and rental of machinery and equipment ..... farms..	362	5	150	347	221	223	55	26
$1,000..	(D)	(D)	450	2 914	2 257	554	350	28
Interest ..... farms..	564	15	313	434	316	184	95	39
$1,000..	7 768	67	2 463	6 761	4 682	2 763	833	195
Cash rent ..... farms..	428	15	197	318	238	260	46	18
$1,000..	6 675	39	2 355	8 562	3 764	2 800	1 004	137
Property taxes ..... farms..	830	20	470	589	510	459	120	82
$1,000..	3 570	39	1 541	3 128	2 155	2 319	686	277
All other farm production expenses ..... farms..	871	20	504	644	546	492	146	82
$1,000..	10 716	84	3 645	7 290	10 672	5 308	3 231	967
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	872	20	504	644	546	493	146	82
1992..	935	31	578	686	553	474	114	45
$1,000, 1997..	28 492	305	8 044	20 470	25 564	7 488	7 883	2 935
1992..	24 105	250	7 551	19 105	14 563	5 188	4 361	927
Average per farm ..... dollars, 1997..	32 674	15 273	15 960	31 786	46 821	15 189	53 990	35 793
1992..	25 781	8 075	13 063	27 850	26 334	10 944	38 255	20 598
Farms with net gains[2] ..... number, 1997..	686	12	338	459	406	314	97	68
1992..	625	21	322	483	351	254	78	29
$1,000, 1997..	31 120	346	9 454	23 059	27 616	10 151	9 112	3 398
1992..	29 272	327	10 396	22 118	17 956	8 480	5 162	1 009
Average per farm ..... dollars, 1997..	45 365	28 839	27 969	50 237	68 019	32 329	93 938	49 969
1992..	46 835	15 548	32 287	45 793	51 156	33 387	66 186	34 790
Farms with net losses ..... number, 1997..	186	8	166	185	140	179	49	14
1992..	310	10	256	203	202	220	36	16
$1,000, 1997..	2 628	41	1 410	2 588	2 052	2 663	1 229	463
1992..	5 167	76	2 846	3 013	3 393	3 293	801	82
Average per farm ..... dollars, 1997..	14 130	5 076	8 492	13 991	14 654	14 879	25 091	33 063
1992..	16 667	7 618	11 116	14 842	16 797	14 967	22 260	5 125
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	572	7	348	429	176	238	14	37
1992..	547	2	291	383	227	197	9	27
$1,000, 1997..	3 905	(D)	1 681	2 906	1 127	1 552	97	63
1992..	4 455	(D)	1 555	3 239	1 913	1 403	107	99
Average per farm ..... dollars, 1997..	6 826	(D)	4 831	6 773	6 404	6 522	6 897	1 706
1992..	8 144	(D)	5 342	8 457	8 426	7 121	11 884	3 669
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	86	1	20	44	33	22	–	6
1992..	81	–	17	47	37	13	1	1
$1,000, 1997..	265	(D)	34	109	115	70	–	16
1992..	240	–	27	165	103	26	(D)	(D)
Average per farm ..... dollars, 1997..	3 080	(D)	1 711	2 470	3 488	3 184	–	2 620
1992..	2 964	–	1 599	3 506	2 795	2 022	(D)	(D)
FARMS BY SIZE								
1 to 9 acres ..... 1997..	11	–	5	16	13	11	42	2
1992..	12	–	2	10	13	8	25	2
10 to 49 acres ..... 1997..	43	1	21	28	102	57	36	6
1992..	25	5	23	25	82	50	40	1
50 to 69 acres ..... 1997..	17	–	7	23	51	20	6	3
1992..	14	–	14	27	39	20	8	4
70 to 99 acres ..... 1997..	60	2	50	50	58	44	6	12
1992..	54	–	32	62	53	30	9	3
100 to 139 acres ..... 1997..	77	1	69	67	68	52	5	10
1992..	76	3	82	57	72	47	5	3
140 to 179 acres ..... 1997..	92	–	46	59	60	54	12	9
1992..	114	3	68	64	61	46	3	1
180 to 219 acres ..... 1997..	82	–	45	52	38	32	3	8
1992..	71	2	72	52	49	35	2	5
220 to 259 acres ..... 1997..	59	1	34	37	29	28	4	7
1992..	69	4	37	47	32	37	7	4
260 to 499 acres ..... 1997..	204	6	109	125	68	102	9	10
1992..	254	3	125	164	93	106	8	10
500 to 999 acres ..... 1997..	148	5	83	116	43	62	7	11
1992..	156	9	86	107	41	71	4	10
1,000 to 1,999 acres ..... 1997..	61	4	26	54	15	25	6	2
1992..	71	2	33	59	15	24	2	3
2,000 acres or more ..... 1997..	24	–	9	21	5	4	4	1
1992..	18	–	6	14	8	1	1	–
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings:								
Average per farm ..... dollars, 1997..	569 970	442 374	548 234	804 195	477 094	816 836	631 912	346 484
1992..	382 018	153 066	348 769	556 487	343 413	585 387	442 646	258 871
Average per acre ..... dollars, 1997..	1 319	796	1 472	1 781	1 647	2 580	2 985	1 077
1992..	854	402	934	1 288	1 159	1 681	3 953	768

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms, 1997..	22 636	79	26	709	140	118	156
1992..	23 530	67	25	782	86	109	167
$1,000, 1997..	2 468 518	5 218	1 464	86 625	11 659	8 635	21 370
1992..	2 148 503	3 722	1 105	75 508	5 934	8 379	16 848
Average per farm ..... dollars, 1997..	109 053	66 055	56 294	122 180	83 281	73 181	136 985
1992..	91 309	55 545	44 182	96 557	69 003	76 874	100 886
Motortrucks, including pickups ..... farms, 1997..	20 732	72	24	686	123	116	156
1992..	21 750	61	23	717	72	103	149
number, 1997..	50 172	123	45	1 616	261	244	414
1992..	48 415	93	45	1 526	123	249	343
Wheel tractors ..... farms, 1997..	21 116	79	24	655	128	103	140
1992..	22 380	66	23	734	85	107	158
number, 1997..	71 210	196	74	2 052	428	243	483
1992..	87 040	181	84	2 795	249	457	532
Grain and bean combines ..... farms, 1997..	10 978	35	7	241	81	16	100
1992..	12 927	10	7	237	60	21	123
number, 1997..	13 044	39	9	263	99	18	122
1992..	15 480	10	8	255	71	21	156
TENURE OF OPERATOR							
Full owners ..... farms, 1997..	9 188	32	13	320	55	62	53
1992..	9 283	33	8	323	50	58	56
acres, 1997..	1 552 562	(D)	(D)	32 181	14 456	(D)	(D)
1992..	1 695 093	(D)	(D)	36 061	10 458	10 963	14 434
Part owners ..... farms, 1997..	11 835	43	12	343	75	53	98
1992..	12 511	32	15	399	77	45	97
acres, 1997..	6 076 796	20 923	7 936	159 931	31 859	27 655	54 207
1992..	6 056 509	19 294	8 053	158 691	36 500	23 336	52 075
Tenants ..... farms, 1997..	1 598	2	1	48	7	2	5
1992..	1 879	2	2	63	7	6	11
acres, 1997..	501 980	(D)	(D)	13 126	5 751	(D)	(D)
1992..	579 032	(D)	(D)	13 265	2 599	650	4 995
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated ..... 1997..	18 445	60	17	559	111	93	119
1992..	19 653	56	23	636	115	89	133
Not on farm operated ..... 1997..	2 860	8	5	103	5	18	17
1992..	2 802	8	1	106	13	17	16
Not reported ..... 1997..	1 316	9	4	49	21	6	20
1992..	1 218	3	1	43	6	3	15
Operators by principal occupation:							
Farming ..... 1997..	15 433	47	18	494	90	82	118
1992..	17 054	43	22	555	98	87	133
Other ..... 1997..	7 188	30	8	217	47	35	38
1992..	6 619	24	3	230	36	22	31
Operators by days worked off farm:							
None ..... 1997..	11 192	35	16	341	67	53	82
1992..	12 269	36	16	393	82	56	101
Any ..... 1997..	10 216	36	10	328	61	59	62
1992..	9 974	26	7	347	47	45	50
1 to 49 days ..... 1997..	1 400	4	1	41	5	8	8
1992..	1 446	3	1	34	2	8	14
50 to 99 days ..... 1997..	712	3	–	22	6	6	3
1992..	757	2	–	38	3	5	3
100 to 149 days ..... 1997..	687	6	1	17	1	3	7
1992..	657	2	1	22	6	6	1
150 to 199 days ..... 1997..	1 075	2	3	40	6	13	6
1992..	1 011	1	–	34	2	8	5
200 days or more ..... 1997..	6 342	21	5	208	43	29	38
1992..	6 103	18	5	219	34	18	27
Not reported ..... 1997..	1 213	6	–	42	9	5	12
1992..	1 430	5	2	45	5	8	13
1997 operators by years on present farm:							
2 years or less	622	–	–	18	3	3	4
3 or 4 years	898	1	3	32	4	3	8
5 to 9 years	2 250	12	6	61	19	13	13
10 years or more	15 565	54	11	499	81	82	97
Average years on present farm	23.8	21.7	15.2	23.5	21.6	21.4	23.2
Not reported	3 286	10	6	101	30	16	34
1997 operators by age group:							
Under 25 years	260	–	–	8	1	–	3
25 to 34 years	1 708	3	3	62	14	9	13
35 to 44 years	5 106	22	6	151	43	29	38
45 to 54 years	5 784	18	9	191	22	34	40
55 to 64 years	5 200	16	4	155	39	26	31
65 years and over	4 563	18	4	144	18	19	31
Average age	52.4	53.5	49.7	51.6	50.0	51.2	52.1
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ..... farms, 1997..	18 364	70	21	548	122	88	131
1992..	19 179	56	22	618	123	86	146
acres, 1997..	5 623 450	26 446	7 665	120 995	46 606	23 231	44 146
1992..	5 840 599	23 308	8 450	130 650	45 416	23 238	52 190
Partnership ..... farms, 1997..	2 749	4	2	112	10	24	20
1992..	3 262	8	1	129	8	19	16
acres, 1997..	1 616 537	(D)	(D)	62 478	4 883	9 591	(D)
1992..	1 806 160	(D)	(D)	63 082	(D)	(D)	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms, 1997..	20	282	466	57	630	472	543
1992..	18	326	558	55	617	543	523
$1,000, 1997..	1 425	28 508	59 743	4 154	62 984	52 034	46 326
1992..	1 007	27 823	60 242	4 242	48 939	52 334	39 547
Average per farm ..... dollars, 1997..	71 259	101 093	128 203	72 874	99 975	110 241	85 315
1992..	55 944	85 346	107 961	77 124	79 318	96 379	75 616
Motortrucks, including pickups ..... farms, 1997..	20	248	444	57	526	407	501
1992..	15	317	517	55	576	507	496
number, 1997..	30	510	1 318	131	1 412	897	1 138
1992..	25	628	1 380	131	1 354	991	910
Wheel tractors ..... farms, 1997..	18	258	458	54	612	425	498
1992..	18	309	525	55	569	525	488
number, 1997..	53	852	1 689	154	2 072	1 481	1 578
1992..	58	1 174	2 186	203	2 850	1 889	1 807
Grain and bean combines ..... farms, 1997..	12	125	294	14	182	294	249
1992..	12	171	362	5	183	363	321
number, 1997..	14	140	385	15	210	330	272
1992..	12	179	477	5	217	439	331
TENURE OF OPERATOR							
Full owners ..... farms, 1997..	10	97	125	27	300	206	245
1992..	3	123	163	26	292	244	227
acres, 1997..	3 568	20 371	14 591	(D)	33 805	39 794	50 523
1992..	(D)	26 662	20 398	(D)	29 832	51 150	52 491
Part owners ..... farms, 1997..	10	164	285	29	275	225	263
1992..	15	172	317	26	276	261	248
acres, 1997..	5 387	88 113	127 725	10 634	108 458	142 117	139 748
1992..	(D)	88 060	127 855	8 967	98 208	135 129	126 846
Tenants ..... farms, 1997..	–	17	55	1	50	42	39
1992..	–	27	78	3	51	47	44
acres, 1997..	–	4 330	19 165	(D)	8 399	14 398	12 705
1992..	–	8 439	18 873	(D)	9 034	15 525	20 345
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated ..... 1997..	19	243	369	45	495	401	458
1992..	17	285	428	45	511	461	424
Not on farm operated ..... 1997..	1	17	63	11	93	43	69
1992..	–	29	103	8	88	54	61
Not reported ..... 1997..	–	18	33	1	37	29	20
1992..	1	8	27	2	20	37	34
Operators by principal occupation:							
Farming ..... 1997..	16	182	334	46	446	319	350
1992..	12	231	389	42	475	394	340
Other ..... 1997..	4	96	131	11	179	154	197
1992..	6	91	169	13	144	158	179
Operators by days worked off farm:							
None ..... 1997..	13	129	249	35	330	207	269
1992..	9	162	271	30	360	265	232
Any ..... 1997..	6	135	185	21	255	233	258
1992..	8	146	245	23	229	255	248
1 to 49 days ..... 1997..	–	16	22	4	41	28	23
1992..	3	22	28	5	31	24	28
50 to 99 days ..... 1997..	2	7	11	2	21	12	20
1992..	–	10	15	3	15	21	13
100 to 149 days ..... 1997..	–	15	19	3	16	18	12
1992..	–	11	17	–	19	19	14
150 to 199 days ..... 1997..	–	16	16	3	23	26	33
1992..	–	14	22	6	22	27	29
200 days or more ..... 1997..	4	81	117	9	154	149	170
1992..	5	89	163	9	142	164	164
Not reported ..... 1997..	1	14	31	1	40	33	20
1992..	1	14	42	2	30	32	39
1997 operators by years on present farm:							
2 years or less	–	4	10	–	18	13	17
3 or 4 years	–	12	13	5	20	14	36
5 to 9 years	2	31	42	1	76	65	51
10 years or more	14	194	317	46	434	317	373
Average years on present farm	25.0	23.9	24.3	26.2	24.5	22.9	24.5
Not reported	4	37	83	5	77	64	70
1997 operators by age group:							
Under 25 years	–	4	7	–	11	6	7
25 to 34 years	–	22	58	2	39	56	42
35 to 44 years	2	70	114	6	133	115	110
45 to 54 years	8	67	110	15	149	109	100
55 to 64 years	6	61	100	17	119	100	151
65 years and over	4	54	76	17	174	87	137
Average age	57.0	51.9	50.1	58.2	54.2	51.1	54.2
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ..... farms, 1997..	18	230	384	50	513	408	445
1992..	17	255	455	47	527	483	419
acres, 1997..	(D)	80 108	111 376	12 904	106 538	148 685	137 529
1992..	(D)	83 170	119 561	10 264	104 692	160 801	133 072
Partnership ..... farms, 1997..	1	37	54	4	82	46	69
1992..	1	54	63	6	67	56	74
acres, 1997..	(D)	25 749	(D)	(D)	33 368	38 128	46 362
1992..	(D)	35 146	27 803	(D)	24 283	32 334	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms, 1997..	381	56	59	113	133	620	4
1992..	432	51	54	109	123	695	5
$1,000, 1997..	45 275	3 532	4 915	7 379	6 067	66 298	99
1992..	41 154	3 110	3 462	9 135	5 833	51 834	120
Average per farm ..... dollars, 1997..	118 831	63 064	83 307	65 299	45 617	106 933	24 750
1992..	95 264	60 984	64 106	83 811	47 424	74 581	24 000
Motortrucks, including pickups ..... farms, 1997..	355	50	56	104	88	571	3
1992..	406	37	52	101	99	673	5
number, 1997..	866	99	119	199	169	1 185	6
1992..	858	56	104	199	126	1 249	7
Wheel tractors ..... farms, 1997..	344	50	55	111	91	568	4
1992..	411	43	53	108	88	673	3
number, 1997..	984	144	183	383	302	1 816	9
1992..	1 561	163	161	425	330	2 431	4
Grain and bean combines ..... farms, 1997..	177	17	11	57	46	382	2
1992..	242	17	30	82	41	388	2
number, 1997..	191	17	13	58	50	431	(D)
1992..	274	19	37	86	47	433	(D)
TENURE OF OPERATOR							
Full owners ..... farms, 1997..	141	27	22	42	67	283	2
1992..	151	28	24	41	42	314	2
acres, 1997..	34 309	(D)	9 678	17 900	15 663	47 378	(D)
1992..	34 801	(D)	(D)	11 787	13 825	60 036	(D)
Part owners ..... farms, 1997..	218	26	38	73	65	301	2
1992..	237	33	30	61	67	353	3
acres, 1997..	116 349	12 380	21 812	44 315	25 347	161 735	(D)
1992..	119 741	16 220	19 641	38 081	26 140	156 954	(D)
Tenants ..... farms, 1997..	19	3	–	–	3	35	–
1992..	42	2	1	3	11	39	–
acres, 1997..	7 298	(D)	–	–	272	6 544	–
1992..	13 788	(D)	(D)	1 040	4 072	8 047	–
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated ..... 1997..	321	45	49	95	111	517	4
1992..	357	54	45	96	109	604	5
Not on farm operated ..... 1997..	40	10	6	11	6	62	–
1992..	60	3	6	4	4	54	–
Not reported ..... 1997..	17	1	5	9	18	40	–
1992..	13	6	4	5	7	48	–
Operators by principal occupation:							
Farming ..... 1997..	266	37	42	78	99	371	1
1992..	343	47	36	78	80	458	3
Other ..... 1997..	112	19	18	37	36	248	3
1992..	87	16	19	27	40	248	2
Operators by days worked off farm:							
None ..... 1997..	190	29	27	40	59	274	–
1992..	254	29	25	43	55	334	–
Any ..... 1997..	165	26	29	68	64	308	4
1992..	149	28	27	53	56	321	4
1 to 49 days ..... 1997..	22	5	2	11	18	30	–
1992..	21	2	8	8	5	24	2
50 to 99 days ..... 1997..	13	1	7	4	4	13	1
1992..	10	–	4	7	4	21	–
100 to 149 days ..... 1997..	5	3	3	1	7	12	–
1992..	10	3	–	4	2	17	–
150 to 199 days ..... 1997..	22	2	3	16	3	30	1
1992..	14	12	3	8	11	19	–
200 days or more ..... 1997..	103	15	14	36	32	223	2
1992..	94	11	12	26	34	240	2
Not reported ..... 1997..	23	1	4	7	12	37	–
1992..	27	6	3	9	9	51	1
1997 operators by years on present farm:							
2 years or less	12	–	2	2	1	16	–
3 or 4 years	19	3	2	3	10	18	–
5 to 9 years	27	3	5	18	21	55	1
10 years or more	277	41	38	77	74	444	3
Average years on present farm	25.3	26.0	26.2	23.2	21.0	24.9	13.5
Not reported	43	9	13	15	29	86	–
1997 operators by age group:							
Under 25 years	–	1	–	–	–	9	–
25 to 34 years	29	2	2	6	16	44	–
35 to 44 years	92	11	12	23	31	126	3
45 to 54 years	97	16	11	29	24	178	–
55 to 64 years	73	12	16	31	34	151	1
65 years and over	87	14	19	26	30	111	–
Average age	53.1	54.1	56.7	53.6	52.2	52.5	46.5
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ..... farms, 1997..	318	43	47	100	113	525	4
1992..	350	52	49	90	104	585	5
acres, 1997..	122 466	13 208	19 538	55 869	26 359	152 433	630
1992..	122 965	18 801	22 436	42 033	26 695	161 745	275
Partnership ..... farms, 1997..	43	10	7	12	17	76	–
1992..	66	9	4	14	9	108	–
acres, 1997..	25 259	(D)	(D)	5 922	10 903	46 662	–
1992..	38 671	(D)	(D)	(D)	(D)	50 504	–

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms, 1997..	100	49	481	85	290	154	5
1992..	111	44	550	67	285	146	10
$1,000, 1997..	8 495	3 937	47 400	5 258	28 384	6 588	313
1992..	7 572	5 867	45 635	4 164	22 110	5 779	537
Average per farm ..... dollars, 1997..	84 945	80 354	98 545	61 864	97 876	42 782	62 600
1992..	68 220	133 332	82 973	62 149	77 578	39 585	53 650
Motortrucks, including pickups ..... farms, 1997..	100	44	429	81	253	108	4
1992..	96	42	481	66	270	128	10
number, 1997..	249	120	1 023	180	551	167	6
1992..	182	150	1 016	148	588	193	16
Wheel tractors ..... farms, 1997..	83	48	452	83	289	141	5
1992..	107	44	522	67	281	128	9
number, 1997..	318	128	1 346	213	938	313	7
1992..	362	186	1 975	229	1 042	407	15
Grain and bean combines ..... farms, 1997..	45	16	248	31	121	26	1
1992..	58	11	361	51	153	65	3
number, 1997..	57	18	310	33	143	28	(D)
1992..	62	11	430	68	167	77	3
TENURE OF OPERATOR							
Full owners ..... farms, 1997..	38	24	180	36	116	84	4
1992..	42	13	198	19	100	69	7
acres, 1997..	(D)	(D)	35 827	(D)	13 208	14 588	(D)
1992..	(D)	(D)	44 910	5 437	13 765	12 485	901
Part owners ..... farms, 1997..	60	23	265	43	147	67	1
1992..	65	28	308	47	163	64	2
acres, 1997..	36 921	11 149	149 869	20 280	72 621	24 314	(D)
1992..	40 676	15 208	145 785	18 666	80 239	22 145	(D)
Tenants ..... farms, 1997..	3	2	30	4	25	5	–
1992..	6	3	52	5	23	10	1
acres, 1997..	(D)	(D)	7 232	(D)	7 590	1 157	–
1992..	(D)	(D)	12 836	828	16 511	1 576	(D)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated ..... 1997..	86	40	401	69	242	132	3
1992..	98	40	483	59	252	122	7
Not on farm operated ..... 1997..	7	3	47	10	32	8	1
1992..	10	3	45	6	24	10	3
Not reported ..... 1997..	8	6	27	4	14	16	1
1992..	5	1	30	6	10	11	–
Operators by principal occupation:							
Farming ..... 1997..	71	33	295	49	180	107	1
1992..	89	39	355	53	194	108	6
Other ..... 1997..	30	16	180	34	108	49	4
1992..	24	5	203	18	92	35	4
Operators by days worked off farm:							
None ..... 1997..	52	25	208	43	143	79	1
1992..	60	32	259	38	146	76	7
Any ..... 1997..	46	24	246	37	127	68	4
1992..	44	11	273	26	127	60	3
1 to 49 days ..... 1997..	4	3	34	3	14	13	1
1992..	4	3	30	6	11	13	–
50 to 99 days ..... 1997..	4	1	16	5	10	2	–
1992..	2	2	20	2	10	7	2
100 to 149 days ..... 1997..	5	–	19	4	5	4	–
1992..	3	2	13	3	5	6	–
150 to 199 days ..... 1997..	14	1	18	5	13	12	2
1992..	11	1	23	4	12	13	–
200 days or more ..... 1997..	19	19	159	20	85	37	1
1992..	24	3	187	11	89	21	1
Not reported ..... 1997..	3	–	21	3	18	9	–
1992..	9	1	26	7	13	7	–
1997 operators by years on present farm:							
2 years or less	5	1	7	5	10	5	–
3 or 4 years	1	3	19	2	18	7	1
5 to 9 years	10	3	37	13	30	23	–
10 years or more	71	32	335	55	193	82	3
Average years on present farm	23.3	27.0	25.1	23.4	24.0	21.5	17.5
Not reported	14	10	77	8	37	39	1
1997 operators by age group:							
Under 25 years	1	2	6	–	5	3	–
25 to 34 years	9	2	40	4	14	15	–
35 to 44 years	17	12	92	19	69	45	2
45 to 54 years	28	13	130	21	63	33	–
55 to 64 years	27	8	107	21	74	27	1
65 years and over	19	12	100	18	63	33	2
Average age	52.4	52.9	52.2	54.0	53.5	50.9	57.2
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ..... farms, 1997..	83	37	413	68	229	144	4
1992..	90	31	483	60	222	123	8
acres, 1997..	35 796	13 418	147 362	20 509	58 857	36 053	(D)
1992..	43 759	13 601	158 560	18 002	65 241	28 896	(D)
Partnership ..... farms, 1997..	15	10	39	5	39	10	1
1992..	20	10	64	8	46	16	2
acres, 1997..	(D)	(D)	28 818	4 128	23 464	(D)	(D)
1992..	(D)	(D)	(D)	(D)	38 193	5 343	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms, 1997..	198	518	522	37	851	390	524	81
1992..	196	616	531	30	1 062	379	575	72
$1,000, 1997..	12 344	72 422	46 183	1 849	126 855	46 934	56 645	6 001
1992..	13 826	58 431	42 897	1 704	124 744	38 610	54 397	5 919
Average per farm ..... dollars, 1997..	62 345	139 810	88 472	49 965	149 065	120 344	108 101	74 091
1992..	70 542	94 855	80 786	56 789	117 461	101 873	94 604	82 215
Motortrucks, including pickups ..... farms, 1997..	187	481	470	33	763	360	485	71
1992..	176	552	494	27	1 012	338	528	59
number, 1997..	363	1 354	1 039	74	2 211	824	971	141
1992..	384	1 447	952	61	2 476	809	1 120	117
Wheel tractors ..... farms, 1997..	182	483	509	37	768	376	518	76
1992..	177	562	523	25	1 041	374	560	71
number, 1997..	495	1 696	1 509	114	3 109	1 223	1 718	224
1992..	674	2 034	1 800	86	4 464	1 565	2 296	401
Grain and bean combines ..... farms, 1997..	46	326	310	16	589	173	280	51
1992..	26	491	358	13	860	232	345	57
number, 1997..	55	419	353	16	790	208	317	55
1992..	30	613	422	18	1 065	255	392	72
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	108	198	196	14	281	163	214	33
1992..	125	233	199	11	354	146	228	26
acres, 1997..	17 061	38 071	29 666	(D)	55 849	32 164	36 196	9 094
1992..	21 470	46 701	44 348	(D)	63 217	33 891	41 015	(D)
Part owners ..... farms, 1997..	77	286	298	22	491	214	272	51
1992..	64	326	302	24	596	205	307	44
acres, 1997..	26 841	203 317	166 906	7 449	306 155	133 829	157 599	18 956
1992..	25 370	198 653	148 693	10 565	324 021	124 529	169 842	18 462
Tenants ..... farms, 1997..	12	38	28	1	85	17	35	–
1992..	6	50	31	1	112	20	35	1
acres, 1997..	3 521	14 988	8 414	(D)	40 215	4 449	10 172	–
1992..	1 869	12 646	6 574	(D)	37 660	9 764	11 450	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	151	427	453	30	660	327	452	76
1992..	154	496	457	33	868	304	493	60
Not on farm operated ..... 1997..	36	58	51	3	120	45	47	6
1992..	37	81	54	3	105	43	47	8
Not reported ..... 1997..	10	37	18	4	77	22	22	2
1992..	4	32	21	–	89	24	30	3
Operators by principal occupation:								
Farming ..... 1997..	141	372	331	24	699	260	327	62
1992..	143	447	365	23	912	267	394	57
Other ..... 1997..	56	150	191	13	158	134	194	22
1992..	52	162	167	13	150	104	176	14
Operators by days worked off farm:								
None ..... 1997..	101	248	235	17	497	199	238	54
1992..	88	295	257	19	654	191	286	42
Any ..... 1997..	85	245	263	19	302	174	255	27
1992..	103	266	234	17	316	151	264	26
1 to 49 days ..... 1997..	12	40	31	2	67	19	34	2
1992..	16	50	35	5	78	17	32	6
50 to 99 days ..... 1997..	6	19	18	2	22	10	20	1
1992..	11	15	14	2	32	13	22	2
100 to 149 days ..... 1997..	5	16	20	–	15	12	10	6
1992..	15	21	9	–	26	10	15	3
150 to 199 days ..... 1997..	17	22	17	4	28	17	23	1
1992..	17	18	27	3	35	14	14	1
200 days or more ..... 1997..	45	148	177	11	170	116	168	17
1992..	44	162	149	7	145	97	181	14
Not reported ..... 1997..	11	29	24	1	58	21	28	3
1992..	4	48	41	–	92	29	20	3
1997 operators by years on present farm:								
2 years or less	4	16	14	–	10	16	20	2
3 or 4 years	8	14	19	2	35	17	26	1
5 to 9 years	15	53	61	9	64	38	56	7
10 years or more	146	344	368	17	587	277	355	59
Average years on present farm	25.2	25.0	23.6	16.9	24.8	25.7	22.8	25.0
Not reported	24	95	60	9	161	46	64	15
1997 operators by age group:								
Under 25 years	2	14	12	–	15	1	4	–
25 to 34 years	7	47	40	3	88	20	39	5
35 to 44 years	40	121	118	10	226	68	130	13
45 to 54 years	46	134	127	16	223	102	148	25
55 to 64 years	53	121	124	4	193	113	116	20
65 years and over	49	85	101	4	112	90	84	21
Average age	55.0	50.7	52.2	48.4	49.8	54.9	51.1	55.6
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997..	156	438	460	29	689	304	439	79
1992..	152	500	442	24	894	272	461	63
acres, 1997..	30 336	183 069	164 629	6 964	249 423	102 957	148 861	24 627
1992..	30 035	188 030	153 873	6 898	298 040	93 365	155 011	23 001
Partnership ..... farms, 1997..	19	63	49	4	83	61	68	5
1992..	26	92	81	6	99	70	98	6
acres, 1997..	10 546	49 352	35 382	(D)	53 751	50 007	50 114	3 423
1992..	12 960	57 885	(D)	(D)	(D)	56 442	60 474	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms, 1997..	26	475	412	376	39	546	–	33
1992..	30	491	430	362	23	565	–	22
$1,000, 1997..	1 965	41 608	37 447	44 429	3 064	72 144	–	2 408
1992..	1 971	39 499	36 711	36 657	1 356	60 064	–	1 139
Average per farm ..... dollars, 1997..	75 566	87 595	90 891	118 161	78 554	132 132	–	72 978
1992..	65 705	80 447	85 374	101 264	58 962	106 307	–	51 794
Motortrucks, including pickups ..... farms, 1997..	25	447	395	362	37	499	–	31
1992..	29	463	407	338	22	540	–	20
number, 1997..	68	987	798	796	85	1 195	–	50
1992..	71	832	853	754	43	1 285	–	34
Wheel tractors ..... farms, 1997..	26	466	378	342	35	478	–	30
1992..	29	478	419	343	23	535	–	14
number, 1997..	76	1 536	1 183	1 131	94	1 726	–	64
1992..	104	1 565	1 788	1 183	88	2 370	–	53
Grain and bean combines ..... farms, 1997..	12	245	217	163	8	189	–	6
1992..	18	235	285	171	10	220	–	9
number, 1997..	15	331	251	177	8	217	–	6
1992..	21	301	301	225	11	241	–	9
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	7	212	156	176	22	254	–	18
1992..	10	212	176	167	10	229	–	10
acres, 1997..	2 138	45 699	22 680	22 725	(D)	31 042	–	(D)
1992..	11 034	42 799	38 621	20 420	4 201	31 690	–	(D)
Part owners ..... farms, 1997..	19	237	228	178	16	253	–	12
1992..	19	251	224	173	13	293	–	9
acres, 1997..	12 455	118 846	115 983	98 002	6 320	114 281	–	5 364
1992..	(D)	113 735	119 632	103 363	5 608	114 867	–	4 185
Tenants ..... farms, 1997..	–	24	28	23	1	41	–	2
1992..	1	26	38	22	–	47	–	1
acres, 1997..	–	15 267	4 725	8 634	(D)	9 825	–	(D)
1992..	(D)	5 679	10 085	3 728	–	9 072	–	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	23	403	340	284	27	438	–	25
1992..	23	422	361	249	18	466	–	18
Not on farm operated ..... 1997..	3	39	56	76	10	82	–	5
1992..	3	33	52	84	1	82	–	1
Not reported ..... 1997..	–	31	16	17	2	28	–	2
1992..	4	34	25	29	4	21	–	1
Operators by principal occupation:								
Farming ..... 1997..	18	337	238	263	24	354	–	19
1992..	23	359	286	259	12	403	–	17
Other ..... 1997..	8	136	174	114	15	194	–	13
1992..	7	130	152	103	11	166	–	3
Operators by days worked off farm:								
None ..... 1997..	10	253	189	204	16	293	–	12
1992..	19	248	230	191	5	324	–	14
Any ..... 1997..	14	193	204	151	20	232	–	19
1992..	10	191	183	145	13	225	–	4
1 to 49 days ..... 1997..	1	25	14	24	3	36	–	1
1992..	–	33	15	21	4	31	–	1
50 to 99 days ..... 1997..	–	14	10	7	3	8	–	3
1992..	1	9	8	15	–	15	–	–
100 to 149 days ..... 1997..	3	15	13	12	–	7	–	2
1992..	2	8	10	3	2	13	–	–
150 to 199 days ..... 1997..	1	16	21	16	–	25	–	4
1992..	1	23	25	9	2	20	–	1
200 days or more ..... 1997..	9	123	146	92	14	156	–	9
1992..	6	118	125	97	5	146	–	2
Not reported ..... 1997..	2	27	19	22	3	23	–	1
1992..	1	50	25	26	5	20	–	2
1997 operators by years on present farm:								
2 years or less	–	8	10	10	2	10	–	–
3 or 4 years	–	27	14	13	3	31	–	3
5 to 9 years	4	50	44	31	4	51	–	6
10 years or more	22	311	291	283	25	377	–	17
Average years on present farm	24.2	24.9	25.7	23.4	20.6	23.2	–	21.2
Not reported	–	77	53	40	5	79	–	6
1997 operators by age group:								
Under 25 years	–	5	1	4	–	6	–	2
25 to 34 years	1	41	20	34	2	35	–	1
35 to 44 years	7	97	88	61	8	143	–	4
45 to 54 years	6	111	89	119	5	138	–	14
55 to 64 years	4	106	105	87	14	117	–	6
65 years and over	8	113	109	72	10	109	–	5
Average age	54.0	53.2	54.8	52.5	55.1	52.2	–	52.1
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997..	24	391	341	284	30	407	–	28
1992..	25	408	346	276	19	416	–	18
acres, 1997..	(D)	126 206	100 039	91 596	7 384	96 413	–	6 964
1992..	20 217	113 268	99 906	98 773	6 318	99 450	–	(D)
Partnership ..... farms, 1997..	–	59	52	41	4	80	–	3
1992..	1	65	70	46	2	107	–	2
acres, 1997..	–	32 454	32 996	19 298	1 284	35 162	–	(D)
1992..	(D)	40 114	49 456	17 784	(D)	42 684	–	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms, 1997..	427	240	720	268	14	26	277	98
1992..	470	233	800	257	16	35	282	86
$1,000, 1997..	49 065	22 834	80 917	31 042	1 203	1 273	23 127	8 408
1992..	43 528	18 237	71 043	20 970	1 100	1 873	23 066	6 893
Average per farm ..... dollars, 1997..	114 905	95 142	112 385	115 827	85 920	48 950	83 491	85 796
1992..	92 614	78 272	88 803	81 595	68 750	53 523	81 794	80 156
Motortrucks, including pickups ..... farms, 1997..	409	218	692	244	14	24	258	92
1992..	441	232	744	229	15	34	250	86
number, 1997..	918	536	1 892	537	31	42	575	261
1992..	939	470	1 784	479	32	57	616	206
Wheel tractors ..... farms, 1997..	398	232	678	265	12	24	253	87
1992..	459	224	758	236	15	35	270	78
number, 1997..	1 418	603	2 367	911	38	86	714	253
1992..	1 833	909	2 634	982	52	123	1 322	287
Grain and bean combines ..... farms, 1997..	245	23	506	146	4	10	73	21
1992..	247	12	538	118	5	17	137	25
number, 1997..	283	23	559	165	(D)	12	92	22
1992..	272	12	575	185	6	22	184	26
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	158	170	216	115	7	9	110	55
1992..	166	160	282	91	8	12	107	47
acres, 1997..	20 407	25 730	35 621	12 635	1 006	(D)	6 404	11 910
1992..	28 193	27 919	45 912	14 727	(D)	(D)	8 047	(D)
Part owners ..... farms, 1997..	230	59	419	137	7	16	145	30
1992..	261	68	410	147	8	22	149	39
acres, 1997..	105 542	25 827	233 762	65 512	6 520	11 537	47 400	11 517
1992..	112 645	24 637	235 304	69 924	(D)	10 536	42 506	16 420
Tenants ..... farms, 1997..	39	8	86	18	–	1	28	11
1992..	41	10	104	22	–	1	29	2
acres, 1997..	12 913	1 250	28 829	3 348	–	(D)	4 907	1 145
1992..	12 277	1 866	29 920	6 388	–	(D)	7 984	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	357	151	596	245	11	22	218	66
1992..	400	187	633	230	16	32	220	70
Not on farm operated ..... 1997..	52	71	96	11	3	1	52	27
1992..	44	44	126	22	–	1	46	14
Not reported ..... 1997..	18	15	29	14	–	3	13	3
1992..	24	7	37	8	–	2	19	4
Operators by principal occupation:								
Farming ..... 1997..	298	174	458	181	8	16	191	70
1992..	331	155	544	187	11	29	206	70
Other ..... 1997..	129	63	263	89	6	10	92	26
1992..	137	83	252	73	5	6	79	18
Operators by days worked off farm:								
None ..... 1997..	216	117	317	131	9	15	151	46
1992..	255	109	374	133	9	17	157	45
Any ..... 1997..	186	111	374	132	5	11	120	46
1992..	188	121	379	113	6	13	102	40
1 to 49 days ..... 1997..	22	15	50	11	–	3	14	9
1992..	19	17	54	18	1	5	13	12
50 to 99 days ..... 1997..	11	8	32	5	–	1	14	8
1992..	16	15	20	18	1	2	9	6
100 to 149 days ..... 1997..	13	9	16	17	–	–	7	4
1992..	12	8	31	7	–	–	4	1
150 to 199 days ..... 1997..	22	16	35	18	2	1	13	7
1992..	21	11	30	11	1	1	9	9
200 days or more ..... 1997..	118	63	241	81	3	6	72	18
1992..	120	70	244	59	3	5	67	12
Not reported ..... 1997..	25	9	30	7	–	–	12	4
1992..	25	8	43	14	1	5	26	3
1997 operators by years on present farm:								
2 years or less	13	3	16	11	2	1	8	4
3 or 4 years	19	7	30	9	1	–	7	6
5 to 9 years	48	28	50	24	–	4	36	6
10 years or more	269	165	530	186	10	18	195	73
Average years on present farm	23.0	22.7	25.1	23.0	24.5	19.0	23.6	22.9
Not reported	78	34	95	40	1	3	37	7
1997 operators by age group:								
Under 25 years	3	–	7	–	–	–	–	1
25 to 34 years	32	9	51	13	–	2	11	1
35 to 44 years	98	52	149	41	4	5	60	16
45 to 54 years	101	59	211	82	2	11	76	34
55 to 64 years	88	54	172	72	4	6	67	19
65 years and over	105	63	131	62	4	2	69	25
Average age	53.1	54.7	52.4	54.9	55.1	50.1	54.5	55.8
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997..	338	172	556	207	12	22	218	71
1992..	370	172	634	206	14	32	199	72
acres, 1997..	87 184	29 922	181 161	48 705	(D)	11 469	40 542	16 254
1992..	101 635	33 817	208 302	62 991	(D)	15 062	35 283	19 862
Partnership ..... farms, 1997..	53	32	103	43	–	4	31	11
1992..	66	34	111	39	–	3	53	6
acres, 1997..	(D)	10 832	67 858	(D)	–	2 611	(D)	(D)
1992..	37 666	10 649	69 699	25 242	–	2 355	18 807	1 810

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms, 1997..	28	203	228	161	174	169	613	449
1992..	22	199	241	147	196	142	608	430
$1,000, 1997..	2 017	15 497	20 362	16 150	15 847	22 407	69 299	57 979
1992..	1 158	14 553	18 220	12 441	14 980	15 118	54 468	49 932
Average per farm ..... dollars, 1997..	72 037	76 338	89 308	100 308	91 077	132 586	113 048	129 129
1992..	52 636	73 132	75 601	84 634	76 429	106 463	89 585	116 121
Motortrucks, including pickups ..... farms, 1997..	28	179	207	139	171	157	581	403
1992..	20	173	234	136	174	126	543	397
number, 1997..	70	469	373	250	469	328	1 544	1 228
1992..	43	379	433	208	462	235	1 434	1 091
Wheel tractors ..... farms, 1997..	26	201	216	147	139	168	588	439
1992..	22	196	240	145	196	134	598	399
number, 1997..	75	697	733	544	527	503	2 140	1 668
1992..	75	745	734	529	700	572	2 180	1 730
Grain and bean combines ..... farms, 1997..	5	93	83	54	124	29	353	191
1992..	7	56	83	95	122	33	441	278
number, 1997..	5	103	100	60	159	30	420	271
1992..	7	72	92	115	174	36	512	419
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	17	80	85	43	62	58	193	163
1992..	10	105	85	29	80	59	160	158
acres, 1997..	2 750	15 629	17 162	11 139	11 153	14 096	22 041	29 516
1992..	(D)	18 288	16 947	(D)	14 155	17 036	17 559	34 931
Part owners ..... farms, 1997..	11	109	134	112	99	106	347	248
1992..	11	88	147	117	100	95	359	252
acres, 1997..	12 739	40 851	54 585	67 066	46 575	56 595	152 263	150 961
1992..	7 925	35 310	58 946	69 973	53 506	52 310	153 653	133 659
Tenants ..... farms, 1997..	–	9	7	5	16	4	71	35
1992..	1	10	10	3	14	10	89	23
acres, 1997..	–	1 478	1 196	2 287	4 843	868	21 143	13 088
1992..	(D)	2 478	2 831	(D)	4 674	2 445	26 695	13 099
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	17	157	189	142	151	141	490	374
1992..	14	177	225	137	161	143	507	370
Not on farm operated ..... 1997..	6	23	20	15	20	20	97	41
1992..	7	18	12	5	24	13	75	41
Not reported ..... 1997..	5	18	17	3	6	7	24	31
1992..	1	8	5	7	9	8	26	22
Operators by principal occupation:								
Farming ..... 1997..	16	133	162	118	102	140	357	319
1992..	16	145	185	134	105	141	353	338
Other ..... 1997..	12	65	64	42	75	28	254	127
1992..	6	58	57	15	89	23	255	95
Operators by days worked off farm:								
None ..... 1997..	11	93	108	99	70	108	262	240
1992..	12	88	125	102	78	108	278	261
Any ..... 1997..	14	98	98	53	99	48	323	185
1992..	10	103	106	35	110	42	309	151
1 to 49 days ..... 1997..	2	11	17	6	16	9	35	27
1992..	1	26	27	6	11	2	39	24
50 to 99 days ..... 1997..	–	11	3	4	4	5	15	18
1992..	1	5	10	3	2	4	13	5
100 to 149 days ..... 1997..	3	8	8	4	4	5	16	14
1992..	1	8	5	4	2	5	18	13
150 to 199 days ..... 1997..	1	13	9	1	5	4	29	25
1992..	1	7	13	10	14	1	25	12
200 days or more ..... 1997..	8	55	61	38	70	25	228	101
1992..	6	57	51	12	81	30	214	97
Not reported ..... 1997..	3	7	20	8	8	12	26	21
1992..	–	12	11	12	6	14	21	21
1997 operators by years on present farm:								
2 years or less	–	10	4	6	5	4	17	29
3 or 4 years	4	4	5	5	5	2	24	16
5 to 9 years	3	20	27	17	21	13	63	43
10 years or more	13	127	155	112	127	131	422	297
Average years on present farm	21.2	21.6	22.2	22.7	23.4	23.7	24.5	22.9
Not reported	8	37	35	20	19	18	85	61
1997 operators by age group:								
Under 25 years	2	2	2	–	–	–	15	4
25 to 34 years	2	17	24	10	20	14	50	29
35 to 44 years	3	53	49	43	33	46	130	108
45 to 54 years	11	48	63	43	35	38	119	145
55 to 64 years	5	44	44	38	52	36	165	99
65 years and over	5	34	44	26	37	34	132	61
Average age	51.9	50.9	51.3	51.4	52.7	52.0	52.8	51.0
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997..	21	162	184	136	155	133	502	381
1992..	16	157	196	126	164	129	518	363
acres, 1997..	11 474	38 257	51 503	62 612	48 163	48 879	141 603	133 633
1992..	7 999	39 303	53 911	64 915	55 583	46 881	143 597	131 238
Partnership ..... farms, 1997..	3	20	37	22	18	30	77	47
1992..	1	28	44	21	24	31	60	55
acres, 1997..	(D)	11 340	(D)	(D)	11 036	18 353	30 677	34 840
1992..	(D)	10 185	(D)	(D)	(D)	21 142	30 971	34 477

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms, 1997..	40	179	319	182	318	140	28	180
1992..	36	135	284	173	325	125	33	156
$1,000, 1997..	3 177	20 204	31 284	17 775	33 940	15 540	1 598	16 797
1992..	2 657	17 021	26 304	13 663	27 384	15 510	2 030	15 066
Average per farm ..... dollars, 1997..	79 436	112 872	98 070	97 665	106 729	110 998	57 058	93 317
1992..	73 796	126 084	92 620	78 978	84 257	124 081	61 507	96 575
Motortrucks, including pickups ..... farms, 1997..	36	143	266	171	296	132	27	162
1992..	32	133	263	170	299	124	30	144
number, 1997..	67	345	605	504	841	247	40	297
1992..	59	393	537	394	777	250	49	227
Wheel tractors ..... farms, 1997..	36	172	309	167	305	139	28	161
1992..	36	117	276	157	314	123	33	135
number, 1997..	118	542	863	459	1 013	469	107	504
1992..	141	504	1 070	458	1 393	539	131	475
Grain and bean combines ..... farms, 1997..	12	51	92	28	83	77	14	62
1992..	19	54	85	29	74	75	19	29
number, 1997..	16	54	92	30	88	82	16	71
1992..	27	57	91	31	88	78	22	30
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	21	93	130	97	160	51	7	63
1992..	16	71	97	87	166	34	3	51
acres, 1997..	(D)	22 275	28 124	4 473	34 526	15 434	4 113	15 890
1992..	4 946	20 564	15 994	6 261	37 219	(D)	2 700	14 328
Part owners ..... farms, 1997..	18	74	180	57	145	78	21	117
1992..	19	78	173	53	139	86	30	102
acres, 1997..	8 094	33 953	62 173	18 919	62 338	39 336	12 022	53 411
1992..	7 598	33 599	59 942	21 674	64 091	42 891	15 887	49 439
Tenants ..... farms, 1997..	2	8	11	27	13	8	–	4
1992..	3	8	12	27	24	5	–	3
acres, 1997..	(D)	4 078	1 604	5 587	6 431	4 889	–	368
1992..	930	2 293	3 041	7 698	7 510	(D)	–	184
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	31	140	260	139	257	124	22	149
1992..	36	124	233	127	249	101	30	140
Not on farm operated ..... 1997..	4	29	43	37	42	7	1	22
1992..	1	30	37	35	62	20	1	11
Not reported ..... 1997..	6	6	18	5	19	6	5	13
1992..	1	3	12	5	18	4	2	5
Operators by principal occupation:								
Farming ..... 1997..	22	119	221	101	228	97	25	130
1992..	31	117	221	100	212	98	22	129
Other ..... 1997..	19	56	100	80	90	40	3	54
1992..	7	40	61	67	117	27	11	27
Operators by days worked off farm:								
None ..... 1997..	19	92	161	85	146	91	19	90
1992..	29	98	155	75	143	78	14	95
Any ..... 1997..	20	73	145	84	155	44	8	88
1992..	9	52	110	79	167	35	18	51
1 to 49 days ..... 1997..	3	10	18	11	34	4	2	14
1992..	1	6	22	9	27	6	2	9
50 to 99 days ..... 1997..	1	4	5	6	12	7	2	5
1992..	–	2	9	5	13	4	1	2
100 to 149 days ..... 1997..	–	4	9	9	7	5	2	6
1992..	2	4	9	6	8	4	3	8
150 to 199 days ..... 1997..	1	10	21	12	19	4	1	12
1992..	–	11	13	11	21	5	4	5
200 days or more ..... 1997..	15	45	92	46	83	24	1	51
1992..	6	29	57	48	98	16	8	27
Not reported ..... 1997..	2	10	15	12	17	2	1	6
1992..	–	7	17	13	19	12	1	10
1997 operators by years on present farm:								
2 years or less	1	7	10	7	11	1	2	7
3 or 4 years	1	8	17	7	16	7	1	10
5 to 9 years	5	20	36	20	25	15	1	28
10 years or more	23	121	221	117	226	98	18	116
Average years on present farm	22.2	20.9	21.2	21.6	23.1	23.7	22.9	22.2
Not reported	11	19	37	30	40	16	6	23
1997 operators by age group:								
Under 25 years	–	–	3	–	3	–	–	1
25 to 34 years	7	15	21	10	15	12	3	3
35 to 44 years	12	45	89	32	78	30	5	46
45 to 54 years	5	44	97	54	85	32	7	58
55 to 64 years	7	44	60	44	86	33	6	34
65 years and over	10	27	51	41	51	30	7	42
Average age	50.7	52.3	50.6	54.6	52.4	52.8	54.4	53.4
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997..	35	131	264	111	254	104	24	157
1992..	34	119	224	109	263	97	30	128
acres, 1997..	11 116	29 064	63 347	20 938	67 836	32 277	12 933	51 416
1992..	(D)	28 676	58 932	24 883	73 768	36 059	17 401	47 238
Partnership ..... farms, 1997..	4	23	32	23	36	22	4	24
1992..	4	26	42	18	42	23	3	27
acres, 1997..	(D)	10 606	14 064	5 144	14 814	(D)	3 202	13 328
1992..	(D)	11 521	(D)	5 060	19 709	16 250	1 186	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms, 1997..	35	41	758	122	15	736	415	470
1992..	34	44	804	122	6	810	391	531
$1,000, 1997..	1 055	3 896	86 629	7 677	390	83 685	39 261	65 559
1992..	877	3 082	75 368	11 933	238	74 595	40 175	54 813
Average per farm ..... dollars, 1997..	30 145	95 027	114 286	62 925	25 987	113 703	94 605	139 486
1992..	25 808	70 042	93 741	97 809	39 633	92 093	102 749	103 227
Motortrucks, including pickups ..... farms, 1997..	21	38	712	121	11	671	379	396
1992..	16	42	778	112	6	739	351	436
number, 1997..	33	65	1 675	280	17	1 884	713	995
1992..	22	68	1 719	260	11	1 825	699	844
Wheel tractors ..... farms, 1997..	32	40	664	114	14	686	399	396
1992..	29	44	776	121	6	769	373	501
number, 1997..	59	150	2 401	395	34	2 486	1 310	1 438
1992..	75	159	2 941	495	18	2 914	1 384	1 734
Grain and bean combines ..... farms, 1997..	5	21	147	44	2	562	231	231
1992..	6	19	245	88	2	584	273	310
number, 1997..	6	22	162	51	(D)	721	261	277
1992..	6	20	272	120	(D)	753	296	387
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	17	18	389	50	7	257	141	186
1992..	14	17	386	32	4	263	125	249
acres, 1997..	(D)	(D)	31 856	(D)	180	37 407	17 035	33 795
1992..	(D)	5 141	37 582	10 099	(D)	35 165	18 480	48 907
Part owners ..... farms, 1997..	16	23	315	71	8	408	243	237
1992..	18	20	357	92	2	479	247	236
acres, 1997..	4 427	11 622	108 120	41 305	2 109	215 389	107 886	151 390
1992..	4 358	11 637	102 705	46 511	(D)	241 377	118 389	146 679
Tenants ..... farms, 1997..	2	1	46	1	–	74	27	45
1992..	2	4	61	–	–	69	21	48
acres, 1997..	(D)	(D)	7 515	(D)	–	23 746	5 771	13 227
1992..	(D)	1 707	8 413	–	–	16 142	4 147	21 854
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	32	33	591	88	13	590	342	381
1992..	32	31	636	107	5	666	327	430
Not on farm operated ..... 1997..	–	6	117	14	–	106	48	65
1992..	1	8	128	8	–	106	46	76
Not reported ..... 1997..	3	3	42	20	2	43	21	22
1992..	1	2	40	9	1	39	20	27
Operators by principal occupation:								
Farming ..... 1997..	23	23	516	88	7	515	257	316
1992..	31	32	581	104	6	565	275	363
Other ..... 1997..	12	19	234	34	8	224	154	152
1992..	3	9	223	20	–	246	118	170
Operators by days worked off farm:								
None ..... 1997..	13	14	377	70	3	363	194	205
1992..	13	24	402	81	5	388	202	253
Any ..... 1997..	21	25	330	45	9	337	199	239
1992..	19	16	359	36	1	381	166	245
1 to 49 days ..... 1997..	2	2	48	7	–	54	16	37
1992..	10	1	53	11	1	57	21	38
50 to 99 days ..... 1997..	4	–	21	2	–	34	9	21
1992..	–	1	35	2	–	31	10	21
100 to 149 days ..... 1997..	4	4	28	4	2	22	17	12
1992..	2	2	32	–	–	16	10	15
150 to 199 days ..... 1997..	2	–	23	4	1	25	20	21
1992..	1	1	37	3	–	28	20	20
200 days or more ..... 1997..	9	19	210	28	6	202	137	148
1992..	6	11	202	20	–	249	105	151
Not reported ..... 1997..	1	3	43	7	3	39	18	24
1992..	2	1	43	7	–	42	25	35
1997 operators by years on present farm:								
2 years or less	1	1	14	–	1	22	11	10
3 or 4 years	3	4	31	2	–	21	17	13
5 to 9 years	9	4	90	6	–	54	40	57
10 years or more	16	25	512	88	8	518	279	324
Average years on present farm	17.4	19.0	21.5	25.9	17.0	25.2	24.3	22.2
Not reported	6	8	103	26	6	124	64	64
1997 operators by age group:								
Under 25 years	–	–	8	–	1	8	3	6
25 to 34 years	4	4	65	3	–	57	24	41
35 to 44 years	12	14	189	34	2	171	93	120
45 to 54 years	9	10	210	28	5	185	102	116
55 to 64 years	7	8	156	40	4	171	90	100
65 years and over	3	6	122	17	3	147	99	85
Average age	48.2	49.4	50.8	52.5	52.5	52.2	54.0	51.0
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997..	32	37	532	92	14	620	349	395
1992..	33	33	593	93	6	682	335	447
acres, 1997..	8 068	15 695	87 511	37 550	(D)	197 845	87 541	153 741
1992..	(D)	12 686	87 309	39 086	1 156	207 803	100 242	158 650
Partnership ..... farms, 1997..	2	2	110	18	–	87	45	49
1992..	1	7	140	23	–	103	48	68
acres, 1997..	(D)	(D)	(D)	(D)	–	62 337	33 349	31 265
1992..	(D)	(D)	37 294	(D)	–	67 902	33 177	48 301

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms, 1997..	872	20	504	644	546	493	146	82
1992..	935	31	578	686	553	474	113	45
$1,000, 1997..	119 363	1 028	66 552	99 016	56 888	42 785	15 601	5 012
1992..	99 143	1 539	48 687	74 635	50 222	45 689	7 326	3 099
Average per farm ..... dollars, 1997..	136 884	51 375	132 047	153 752	104 190	86 786	106 853	61 118
1992..	106 035	49 645	84 233	108 797	90 818	96 391	64 828	68 864
Motortrucks, including pickups ..... farms, 1997..	770	19	491	581	518	476	137	70
1992..	838	26	538	655	498	464	100	43
number, 1997..	1 742	41	1 289	1 832	1 442	1 045	440	176
1992..	1 780	43	1 266	1 760	1 330	998	232	76
Wheel tractors ..... farms, 1997..	811	19	494	591	511	482	121	72
1992..	896	31	537	619	501	462	102	44
number, 1997..	3 170	52	1 661	2 160	1 952	1 751	289	213
1992..	3 703	80	2 122	2 550	1 981	2 066	337	136
Grain and bean combines ..... farms, 1997..	492	10	391	472	186	295	31	18
1992..	633	12	489	466	172	294	13	14
number, 1997..	593	12	475	607	215	338	38	20
1992..	798	15	595	611	203	368	13	15
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	309	4	174	196	314	178	73	49
1992..	336	12	203	206	311	163	67	19
acres, 1997..	62 713	(D)	33 328	39 605	36 003	23 780	4 969	10 705
1992..	72 965	2 830	36 816	43 681	44 309	27 897	3 826	(D)
Part owners ..... farms, 1997..	513	14	293	378	199	279	49	32
1992..	518	18	339	398	221	258	39	25
acres, 1997..	295 492	9 279	147 781	233 720	99 646	118 816	21 949	13 691
1992..	304 263	(D)	157 837	221 114	101 579	111 497	9 797	9 408
Tenants ..... farms, 1997..	56	2	37	74	37	34	18	–
1992..	80	1	38	84	26	54	8	2
acres, 1997..	28 885	(D)	11 532	28 644	9 833	10 810	5 078	–
1992..	32 525	(D)	10 220	32 532	24 390	16 289	3 036	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	735	13	425	536	416	425	92	64
1992..	818	26	497	571	442	393	92	42
Not on farm operated ..... 1997..	86	1	61	84	111	53	23	12
1992..	73	3	43	78	96	56	19	2
Not reported ..... 1997..	57	6	18	28	23	13	25	5
1992..	43	2	40	39	20	26	3	2
Operators by principal occupation:								
Farming ..... 1997..	706	11	312	485	375	327	90	55
1992..	787	23	384	525	391	325	69	36
Other ..... 1997..	172	9	192	163	175	164	50	26
1992..	147	8	196	163	167	150	45	10
Operators by days worked off farm:								
None ..... 1997..	479	5	233	341	270	243	80	44
1992..	589	11	280	367	274	227	58	23
Any ..... 1997..	333	13	249	270	259	212	53	34
1992..	293	17	265	277	250	224	49	21
1 to 49 days ..... 1997..	74	1	18	41	44	26	9	6
1992..	59	–	20	56	41	27	7	3
50 to 99 days ..... 1997..	26	–	16	23	20	8	4	4
1992..	28	1	12	22	21	23	2	4
100 to 149 days ..... 1997..	15	–	17	20	22	15	6	7
1992..	23	–	15	21	16	15	2	2
150 to 199 days ..... 1997..	47	1	20	23	35	21	6	4
1992..	28	7	28	24	27	19	10	1
200 days or more ..... 1997..	171	11	178	163	138	142	28	13
1992..	155	9	190	154	145	140	28	11
Not reported ..... 1997..	66	2	22	37	21	36	7	3
1992..	52	3	35	44	34	24	7	2
1997 operators by years on present farm:								
2 years or less	33	–	17	17	19	14	–	5
3 or 4 years	27	–	20	35	20	12	9	3
5 to 9 years	83	1	33	64	65	35	13	12
10 years or more	606	13	369	447	375	363	81	48
Average years on present farm	24.6	21.4	26.4	24.7	21.3	26.3	23.4	22.1
Not reported	129	6	65	85	71	67	37	13
1997 operators by age group:								
Under 25 years	17	–	6	15	7	6	–	–
25 to 34 years	80	–	26	69	34	29	8	4
35 to 44 years	205	5	92	161	114	99	27	14
45 to 54 years	228	3	137	154	150	110	38	21
55 to 64 years	188	10	122	141	137	115	26	15
65 years and over	160	2	121	108	108	132	41	27
Average age	51.1	53.4	54.2	50.5	52.8	55.0	54.7	56.4
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997..	746	16	443	494	432	398	91	68
1992..	779	29	509	524	444	365	70	43
acres, 1997..	272 026	9 431	160 716	165 880	95 673	115 310	19 709	18 350
1992..	288 577	(D)	165 488	177 036	110 543	108 276	10 032	14 443
Partnership ..... farms, 1997..	91	4	53	86	75	59	21	8
1992..	129	2	64	98	74	78	16	1
acres, 1997..	69 249	1 680	26 285	68 911	24 346	29 696	7 580	3 558
1992..	84 617	(D)	36 129	59 437	44 462	(D)	(D)	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
TYPE OF ORGANIZATION—Con.							
Corporation:							
Family held ..... farms, 1997..	1 304	3	2	45	4	5	5
1992..	1 058	3	1	35	3	4	1
acres, 1997..	807 850	(D)	(D)	20 751	(D)	7 356	(D)
1992..	599 073	(D)	(D)	13 602	(D)	(D)	(D)
Other than family held ..... farms, 1997..	110	–	–	2	1	–	–
1992..	96	–	–	1	–	–	1
acres, 1997..	35 530	–	–	(D)	(D)	–	–
1992..	41 559	–	–	(D)	–	–	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	94	–	1	4	–	–	–
1992..	78	–	1	2	–	–	–
acres, 1997..	47 971	–	(D)	(D)	–	–	–
1992..	43 243	–	(D)	(D)	–	–	–
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	9 589	6	–	157	21	4	75
Vegetable and melon farming (1112)	961	1	–	42	5	6	17
Fruit and tree nut farming (1113)	1 666	–	4	95	6	38	–
Greenhouse, nursery, and floriculture production (1114)	1 632	8	4	69	2	14	7
Other crop farming (1119)	2 033	25	7	36	33	16	25
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	2 033	25	7	36	33	16	25
Beef cattle ranching and farming (112111)	1 216	17	2	29	21	6	3
Cattle feedlots (112112)	745	3	–	34	7	8	3
Dairy cattle and milk production (11212)	3 136	11	9	127	36	12	24
Hog and pig farming (1122)	789	1	–	78	3	2	2
Poultry and egg production (1123)	122	–	–	17	1	3	–
Sheep and goat farming (1124)	73	–	–	1	1	1	–
Animal aquaculture and other animal production (1125, 1129)	659	5	–	26	1	7	–
LIVESTOCK AND POULTRY							
Cattle and calves inventory ..... farms, 1997..	8 675	51	12	269	90	44	55
1992..	9 910	49	15	336	88	47	67
number, 1997..	920 571	3 727	1 760	38 970	8 035	4 338	6 729
1992..	1 010 071	4 634	1 487	45 435	7 428	4 193	6 797
Cows and heifers that had calved ..... farms, 1997..	6 386	44	10	193	79	32	36
1992..	7 386	44	13	256	77	33	46
number, 1997..	372 375	1 893	679	17 656	3 564	1 550	2 694
1992..	389 796	2 135	630	18 005	3 493	1 467	3 081
Beef cows ..... farms, 1997..	3 015	35	4	66	39	21	14
1992..	2 923	35	8	69	37	17	10
number, 1997..	72 814	1 188	188	1 849	(D)	(D)	315
1992..	73 788	(D)	242	2 152	1 045	518	215
Milk cows ..... farms, 1997..	3 669	11	9	138	40	12	25
1992..	4 818	9	8	197	41	19	37
number, 1997..	299 561	705	491	15 807	(D)	(D)	2 379
1992..	316 008	(D)	388	15 853	2 448	949	2 866
Heifers and heifer calves ..... farms, 1997..	6 314	42	9	187	79	33	39
number, 1997..	296 401	1 197	519	12 973	3 065	1 111	2 265
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	7 270	48	10	195	74	35	47
number, 1997..	251 795	637	562	8 341	1 406	1 677	1 770
Cattle and calves sold ..... farms, 1997..	8 574	50	13	271	91	44	55
1992..	9 840	50	15	341	88	45	69
number, 1997..	495 835	2 694	712	19 194	3 090	2 062	2 232
1992..	553 909	3 165	758	26 928	2 916	2 141	2 432
Calves ..... farms, 1997..	4 171	31	9	154	51	24	24
number, 1997..	153 138	566	206	9 760	957	419	604
Cattle ..... farms, 1997..	7 321	40	12	222	75	30	45
1992..	8 851	49	15	291	81	40	56
number, 1997..	342 697	2 128	506	9 434	2 133	1 643	1 628
1992..	405 397	2 675	579	13 097	1 631	1 725	1 389
Fattened on grain and concentrates ..... farms, 1997..	3 065	7	3	87	21	13	20
number, 1997..	204 064	188	(D)	4 489	408	722	636
Hogs and pigs inventory ..... farms, 1997..	1 777	2	1	104	10	3	10
1992..	2 925	5	3	169	10	8	15
number, 1997..	1 017 968	(D)	(D)	121 349	423	(D)	1 193
1992..	1 193 329	154	(D)	107 489	1 030	1 431	4 631
Used or to be used for breeding ..... farms, 1997..	1 097	2	–	53	6	3	2
1992..	1 994	2	3	86	6	8	8
number, 1997..	127 056	(D)	–	13 106	102	(D)	(D)
1992..	170 420	(D)	(D)	10 565	(D)	(D)	357
Other ..... farms, 1997..	1 678	1	1	100	9	3	10
1992..	2 806	5	3	168	7	8	15
number, 1997..	890 912	(D)	(D)	108 243	321	(D)	(D)
1992..	1 022 909	(D)	(D)	96 924	(D)	(D)	4 274
Hogs and pigs sold ..... farms, 1997..	1 781	2	–	104	8	3	6
1992..	3 054	4	1	179	8	8	14
number, 1997..	2 191 214	(D)	–	266 407	1 169	(D)	1 593
1992..	2 252 910	(D)	(D)	227 646	3 573	3 503	4 978
Feeder pigs ..... farms, 1997..	331	1	–	18	2	–	–
1992..	651	–	1	25	4	3	1
number, 1997..	353 461	(D)	–	14 849	(D)	–	–
1992..	328 821	–	(D)	29 394	(D)	(D)	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
TYPE OF ORGANIZATION—Con.							
Corporation:							
Family held ..... farms, 1997..	1	10	26	3	22	15	24
1992..	–	9	39	2	21	8	25
acres, 1997..	(D)	(D)	16 000	(D)	8 753	(D)	16 856
1992..	–	3 568	(D)	(D)	5 216	8 135	(D)
Other than family held ..... farms, 1997..	–	–	1	–	3	–	4
1992..	–	3	–	–	3	2	1
acres, 1997..	–	–	(D)	–	(D)	–	755
1992..	–	(D)	–	–	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	–	1	–	–	5	4	5
1992..	–	1	1	–	1	3	–
acres, 1997..	–	(D)	–	–	(D)	(D)	1 474
1992..	–	(D)	(D)	–	(D)	(D)	–
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	–	114	314	2	187	295	353
Vegetable and melon farming (1112)	–	3	47	2	62	7	8
Fruit and tree nut farming (1113)	1	1	2	31	248	5	2
Greenhouse, nursery, and floriculture production (1114)	3	4	21	7	53	17	19
Other crop farming (1119)	6	50	58	2	38	14	28
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	6	50	58	2	38	14	28
Beef cattle ranching and farming (112111)	4	22	2	–	5	12	28
Cattle feedlots (112112)	–	9	3	8	3	17	14
Dairy cattle and milk production (11212)	6	45	11	1	7	48	56
Hog and pig farming (1122)	–	12	1	2	8	50	29
Poultry and egg production (1123)	–	3	–	1	–	2	–
Sheep and goat farming (1124)	–	1	–	–	–	1	1
Animal aquaculture and other animal production (1125, 1129)	–	14	6	1	14	5	9
LIVESTOCK AND POULTRY							
Cattle and calves inventory ..... farms, 1997..	12	137	40	14	79	199	224
1992..	17	176	69	13	99	241	245
number, 1997..	860	21 802	3 689	1 200	4 063	22 157	17 580
1992..	1 066	20 534	4 688	1 203	5 311	21 261	21 264
Cows and heifers that had calved ..... farms, 1997..	12	108	32	10	57	150	178
1992..	17	137	41	9	72	178	184
number, 1997..	485	10 603	1 696	295	2 090	5 504	6 917
1992..	599	8 756	1 630	262	2 307	5 928	6 796
Beef cows ..... farms, 1997..	4	63	20	10	42	91	109
1992..	7	56	19	8	45	96	103
number, 1997..	(D)	1 771	371	(D)	760	1 596	(D)
1992..	(D)	1 545	144	(D)	738	1 943	1 752
Milk cows ..... farms, 1997..	9	52	16	3	16	63	73
1992..	10	86	26	1	30	86	92
number, 1997..	(D)	8 832	1 325	(D)	1 330	3 908	(D)
1992..	(D)	7 211	1 486	(D)	1 569	3 985	5 044
Heifers and heifer calves ..... farms, 1997..	12	107	29	8	53	132	176
number, 1997..	242	7 645	1 420	135	1 236	4 269	4 729
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	9	114	33	12	67	169	189
number, 1997..	133	3 554	573	770	737	12 384	5 934
Cattle and calves sold ..... farms, 1997..	12	139	39	14	72	181	218
1992..	17	170	67	13	94	239	243
number, 1997..	335	8 437	1 621	756	1 468	14 481	9 638
1992..	428	9 567	2 096	928	2 288	16 901	12 241
Calves ..... farms, 1997..	10	58	19	3	28	67	99
number, 1997..	151	2 924	371	13	583	2 210	2 100
Cattle ..... farms, 1997..	9	117	32	13	59	152	193
1992..	16	150	62	13	88	206	213
number, 1997..	184	5 513	1 250	743	885	12 271	7 538
1992..	194	6 253	1 596	909	1 623	12 602	8 152
Fattened on grain and concentrates ..... farms, 1997..	–	44	12	11	27	68	98
number, 1997..	–	1 582	341	689	360	10 691	4 819
Hogs and pigs inventory ..... farms, 1997..	1	16	6	3	34	86	67
1992..	–	42	14	2	43	162	100
number, 1997..	(D)	18 525	446	(D)	20 021	61 591	41 631
1992..	–	12 346	926	(D)	18 176	69 704	39 171
Used or to be used for breeding ..... farms, 1997..	–	12	5	2	20	54	45
1992..	–	24	8	2	36	126	68
number, 1997..	–	3 417	(D)	(D)	1 100	7 253	4 220
1992..	–	1 450	101	(D)	2 593	10 411	4 692
Other ..... farms, 1997..	1	15	6	3	31	84	62
1992..	–	41	14	2	41	148	97
number, 1997..	(D)	15 108	(D)	(D)	18 921	54 338	37 411
1992..	–	10 896	825	(D)	15 583	59 293	34 479
Hogs and pigs sold ..... farms, 1997..	1	19	7	3	32	91	68
1992..	–	46	13	2	48	173	108
number, 1997..	(D)	33 090	1 688	(D)	51 282	115 284	76 293
1992..	–	25 438	3 122	(D)	28 172	123 406	70 171
Feeder pigs ..... farms, 1997..	1	3	1	1	3	21	11
1992..	–	7	2	1	7	44	14
number, 1997..	(D)	(D)	(D)	(D)	(D)	22 055	2 430
1992..	–	2 250	(D)	(D)	1 798	13 907	6 101

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
TYPE OF ORGANIZATION—Con.							
Corporation:							
Family held ..... farms, 1997..	15	3	6	2	4	14	–
1992..	12	2	2	1	7	13	–
acres, 1997..	10 137	(D)	(D)	(D)	(D)	14 478	–
1992..	(D)	(D)	(D)	(D)	(D)	12 788	–
Other than family held ..... farms, 1997..	1	–	–	–	–	2	–
1992..	1	–	–	–	–	–	–
acres, 1997..	(D)	–	–	–	–	(D)	–
1992..	(D)	–	–	–	–	–	–
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	1	–	–	1	1	2	–
1992..	1	–	–	–	–	–	–
acres, 1997..	(D)	–	–	(D)	(D)	(D)	–
1992..	(D)	–	–	–	–	–	–
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	201	2	–	–	8	377	–
Vegetable and melon farming (1112)	12	2	1	–	1	10	–
Fruit and tree nut farming (1113)	18	5	1	1	–	6	–
Greenhouse, nursery, and floriculture production (1114)	12	7	12	6	5	15	–
Other crop farming (1119)	23	16	8	38	17	35	–
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	23	16	8	38	17	35	–
Beef cattle ranching and farming (112111)	8	6	17	29	34	25	3
Cattle feedlots (112112)	10	4	1	7	8	23	–
Dairy cattle and milk production (11212)	17	11	12	24	51	96	–
Hog and pig farming (1122)	66	–	–	2	6	20	–
Poultry and egg production (1123)	–	–	–	–	–	–	–
Sheep and goat farming (1124)	–	–	–	3	1	5	–
Animal aquaculture and other animal production (1125, 1129)	11	3	8	5	4	7	1
LIVESTOCK AND POULTRY							
Cattle and calves inventory ..... farms, 1997..	107	31	40	80	105	251	3
1992..	125	37	39	83	98	295	1
number, 1997..	5 960	2 393	4 380	6 733	12 357	39 537	(D)
1992..	7 188	3 083	4 805	6 779	10 198	37 024	(D)
Cows and heifers that had calved ..... farms, 1997..	83	26	37	62	86	153	3
1992..	90	32	33	69	78	191	1
number, 1997..	2 773	1 078	2 394	2 693	5 014	17 055	(D)
1992..	3 369	1 689	2 298	2 847	3 798	15 355	(D)
Beef cows ..... farms, 1997..	62	15	25	43	36	48	3
1992..	59	16	22	44	26	62	1
number, 1997..	1 621	(D)	856	1 535	1 850	(D)	(D)
1992..	1 745	565	(D)	1 456	946	1 446	(D)
Milk cows ..... farms, 1997..	22	11	12	26	56	111	–
1992..	33	18	15	34	58	132	–
number, 1997..	1 152	(D)	1 538	1 158	3 164	(D)	–
1992..	1 624	1 124	(D)	1 391	2 852	13 909	–
Heifers and heifer calves ..... farms, 1997..	76	23	32	60	83	154	3
number, 1997..	1 363	788	1 581	2 051	3 432	14 735	(D)
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	91	27	31	70	80	207	3
number, 1997..	1 824	527	405	1 989	3 911	7 747	(D)
Cattle and calves sold ..... farms, 1997..	111	32	39	82	108	256	3
1992..	122	41	40	83	105	297	1
number, 1997..	2 775	1 043	1 964	3 720	6 732	15 772	(D)
1992..	3 333	1 838	2 608	3 471	6 281	15 564	(D)
Calves ..... farms, 1997..	44	14	29	37	62	110	3
number, 1997..	618	188	961	837	2 540	5 153	52
Cattle ..... farms, 1997..	92	29	30	72	85	220	3
1992..	110	39	39	77	88	265	1
number, 1997..	2 157	855	1 003	2 883	4 192	10 619	(D)
1992..	2 179	1 011	1 232	2 738	4 319	10 949	(D)
Fattened on grain and concentrates ..... farms, 1997..	54	9	2	20	22	95	2
number, 1997..	1 310	145	(D)	418	1 283	4 881	(D)
Hogs and pigs inventory ..... farms, 1997..	82	2	4	7	18	53	–
1992..	163	4	6	14	21	88	2
number, 1997..	172 329	(D)	194	462	4 396	20 608	–
1992..	239 984	(D)	80	538	4 444	26 300	(D)
Used or to be used for breeding ..... farms, 1997..	69	–	3	3	8	31	–
1992..	152	3	5	7	16	60	2
number, 1997..	29 126	–	(D)	41	(D)	2 266	–
1992..	53 696	102	64	46	687	3 253	(D)
Other ..... farms, 1997..	76	2	4	7	17	53	–
1992..	155	4	3	14	19	84	–
number, 1997..	143 203	(D)	(D)	421	(D)	18 342	–
1992..	186 288	(D)	16	492	3 757	23 047	–
Hogs and pigs sold ..... farms, 1997..	93	2	3	7	16	51	–
1992..	172	4	5	14	21	91	–
number, 1997..	273 706	(D)	(D)	1 099	11 980	36 754	–
1992..	438 864	(D)	309	1 065	11 149	44 495	–
Feeder pigs ..... farms, 1997..	10	–	–	2	5	7	–
1992..	27	1	4	5	3	11	–
number, 1997..	12 878	–	–	(D)	588	(D)	–
1992..	21 176	(D)	253	253	(D)	4 328	–

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
TYPE OF ORGANIZATION—Con.							
Corporation:							
Family held ..... farms, 1997..	3	2	19	10	16	2	–
1992..	3	2	10	3	17	2	–
acres, 1997..	(D)	(D)	16 092	1 639	10 087	(D)	–
1992..	(D)	(D)	(D)	(D)	(D)	(D)	–
Other than family held ..... farms, 1997..	–	–	1	–	3	–	–
1992..	–	1	1	–	–	2	–
acres, 1997..	–	–	(D)	–	(D)	–	–
1992..	–	(D)	(D)	–	–	(D)	–
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	–	–	3	–	1	–	–
1992..	–	–	–	–	1	–	–
acres, 1997..	–	–	(D)	–	(D)	–	–
1992..	–	–	–	–	(D)	–	–
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	9	3	300	2	135	21	–
Vegetable and melon farming (1112)	10	7	10	9	11	1	–
Fruit and tree nut farming (1113)	3	2	5	2	11	1	–
Greenhouse, nursery, and floriculture production (1114)	6	7	20	7	33	2	3
Other crop farming (1119)	21	11	24	22	29	34	1
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	21	11	24	22	29	34	1
Beef cattle ranching and farming (112111)	16	4	23	19	5	30	1
Cattle feedlots (112112)	3	–	16	4	11	9	–
Dairy cattle and milk production (11212)	29	10	45	13	18	38	–
Hog and pig farming (1122)	3	1	14	2	2	13	–
Poultry and egg production (1123)	–	–	1	–	2	1	–
Sheep and goat farming (1124)	–	–	3	–	–	1	–
Animal aquaculture and other animal production (1125, 1129)	1	4	14	3	31	5	–
LIVESTOCK AND POULTRY							
Cattle and calves inventory ..... farms, 1997..	71	29	177	48	83	112	2
1992..	73	25	225	49	117	104	5
number, 1997..	6 527	2 172	13 502	4 419	6 148	5 600	(D)
1992..	7 005	1 744	14 426	3 936	11 120	5 657	(D)
Cows and heifers that had calved ..... farms, 1997..	61	26	139	39	54	96	2
1992..	72	25	175	43	65	95	4
number, 1997..	3 146	1 190	5 447	2 005	2 366	2 634	(D)
1992..	3 405	891	6 078	1 954	3 128	2 476	(D)
Beef cows ..... farms, 1997..	30	17	99	25	34	41	2
1992..	29	11	98	27	38	34	3
number, 1997..	(D)	564	2 625	904	533	1 217	(D)
1992..	1 195	351	2 147	(D)	757	807	(D)
Milk cows ..... farms, 1997..	33	10	56	14	21	62	–
1992..	47	14	91	19	31	64	1
number, 1997..	(D)	626	2 822	1 101	1 833	1 417	–
1992..	2 210	540	3 931	(D)	2 371	1 669	(D)
Heifers and heifer calves ..... farms, 1997..	59	24	145	37	44	88	2
number, 1997..	2 127	796	4 920	1 323	1 338	1 538	(D)
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	66	22	155	44	70	99	2
number, 1997..	1 254	186	3 135	1 091	2 444	1 428	(D)
Cattle and calves sold ..... farms, 1997..	69	27	179	46	76	111	2
1992..	74	25	213	49	114	105	4
number, 1997..	2 338	681	7 824	1 941	3 204	2 453	(D)
1992..	2 759	553	7 135	2 964	9 915	2 525	(D)
Calves ..... farms, 1997..	46	21	91	29	28	64	1
number, 1997..	975	409	1 634	799	628	1 004	(D)
Cattle ..... farms, 1997..	61	23	153	38	68	91	1
1992..	72	20	186	47	105	96	4
number, 1997..	1 363	272	6 190	1 142	2 576	1 449	(D)
1992..	1 532	217	5 158	1 573	8 753	1 412	28
Fattened on grain and concentrates ..... farms, 1997..	9	2	71	5	36	24	1
number, 1997..	145	(D)	4 321	217	1 801	361	(D)
Hogs and pigs inventory ..... farms, 1997..	7	4	34	6	15	46	–
1992..	7	2	65	5	31	51	1
number, 1997..	180	(D)	20 337	(D)	3 500	3 137	–
1992..	795	(D)	24 350	749	8 962	5 293	(D)
Used or to be used for breeding ..... farms, 1997..	4	1	27	2	10	39	–
1992..	5	2	41	5	15	41	1
number, 1997..	24	(D)	2 393	(D)	312	455	–
1992..	147	(D)	2 603	107	1 098	843	(D)
Other ..... farms, 1997..	7	4	33	6	11	42	–
1992..	7	2	63	5	30	51	1
number, 1997..	156	(D)	17 944	(D)	3 188	2 682	–
1992..	648	(D)	21 747	642	7 864	4 450	(D)
Hogs and pigs sold ..... farms, 1997..	5	3	37	4	15	50	1
1992..	7	2	69	7	32	50	3
number, 1997..	429	(D)	33 873	(D)	4 717	5 364	(D)
1992..	2 223	(D)	45 674	1 666	14 655	10 442	(D)
Feeder pigs ..... farms, 1997..	1	1	10	1	2	12	–
1992..	2	1	17	3	3	24	–
number, 1997..	(D)	(D)	9 980	(D)	(D)	(D)	–
1992..	(D)	(D)	7 246	(D)	2 300	5 669	–

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997..	19	18	10	4	77	18	12	–
1992..	14	11	9	5	65	23	10	2
acres, 1997..	(D)	(D)	4 369	(D)	(D)	11 997	(D)	–
1992..	4 904	8 170	(D)	2 479	65 900	14 727	(D)	(D)
Other than family held ..... farms, 1997..	2	–	2	–	7	2	–	–
1992..	2	2	–	1	4	1	–	–
acres, 1997..	(D)	–	(D)	–	(D)	(D)	–	–
1992..	(D)	(D)	–	(D)	(D)	(D)	–	–
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	1	3	1	–	1	9	2	–
1992..	1	4	–	–	–	5	1	–
acres, 1997..	(D)	(D)	(D)	–	(D)	(D)	(D)	–
1992..	(D)	(D)	–	–	–	(D)	(D)	–
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	16	356	297	–	460	201	271	18
Vegetable and melon farming (1112)	10	7	–	2	2	8	5	1
Fruit and tree nut farming (1113)	98	4	3	3	2	5	19	3
Greenhouse, nursery, and floriculture production (1114)	19	6	13	3	3	30	15	2
Other crop farming (1119)	19	32	31	10	117	23	32	18
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	19	32	31	10	117	23	32	18
Beef cattle ranching and farming (112111)	9	16	32	5	45	20	31	16
Cattle feedlots (112112)	7	15	23	–	57	5	27	3
Dairy cattle and milk production (11212)	10	56	75	11	133	63	85	21
Hog and pig farming (1122)	2	16	32	–	27	13	19	–
Poultry and egg production (1123)	–	6	2	1	7	1	3	–
Sheep and goat farming (1124)	–	–	2	–	–	1	2	–
Animal aquaculture and other animal production (1125, 1129)	7	8	12	2	4	24	12	2
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997..	49	164	235	17	389	150	275	59
1992..	46	189	251	25	528	176	312	55
number, 1997..	5 197	24 361	20 156	1 486	58 933	19 582	30 693	5 900
1992..	3 834	21 330	22 277	1 688	81 883	19 459	33 978	8 904
Cows and heifers that had calved ..... farms, 1997..	26	104	169	17	217	124	174	53
1992..	28	126	180	23	314	134	204	48
number, 1997..	1 751	8 535	8 402	674	13 965	7 678	12 965	2 871
1992..	1 337	8 494	9 016	855	17 301	8 194	14 102	2 790
Beef cows ..... farms, 1997..	17	47	77	6	39	56	87	33
1992..	19	53	54	6	44	49	77	30
number, 1997..	(D)	1 332	1 421	(D)	701	1 590	2 200	(D)
1992..	(D)	933	1 080	222	(D)	1 397	2 096	1 276
Milk cows ..... farms, 1997..	11	61	93	12	184	75	95	23
1992..	11	81	133	17	276	89	139	22
number, 1997..	(D)	7 203	6 981	(D)	13 264	6 088	10 765	(D)
1992..	(D)	7 561	7 936	633	(D)	6 797	12 006	1 514
Heifers and heifer calves ..... farms, 1997..	29	110	164	16	225	117	187	53
number, 1997..	1 231	8 013	7 029	603	13 162	7 594	9 817	1 670
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	42	137	199	12	344	124	236	56
number, 1997..	2 215	7 813	4 725	209	31 806	4 310	7 911	1 359
Cattle and calves sold ..... farms, 1997..	48	157	229	18	399	153	265	60
1992..	47	189	242	26	531	172	317	55
number, 1997..	1 960	17 363	9 351	514	63 722	8 074	12 269	2 623
1992..	1 676	11 863	11 876	652	71 640	8 340	13 556	7 649
Calves ..... farms, 1997..	15	85	102	12	121	75	119	36
number, 1997..	357	3 700	2 614	126	3 565	3 630	4 077	781
Cattle ..... farms, 1997..	45	137	195	17	357	125	224	51
1992..	43	175	201	23	477	152	295	50
number, 1997..	1 603	13 663	6 737	388	60 157	4 444	8 192	1 842
1992..	1 261	8 328	9 052	453	66 852	6 038	10 195	5 930
Fattened on grain and concentrates ..... farms, 1997..	27	64	89	2	223	51	128	12
number, 1997..	580	10 552	3 879	(D)	53 505	2 379	4 366	446
Hogs and pigs inventory ..... farms, 1997..	4	30	61	–	59	25	58	4
1992..	16	61	111	2	81	49	79	8
number, 1997..	3 000	19 148	35 747	–	80 700	6 550	19 065	115
1992..	4 535	16 300	36 315	(D)	41 104	21 581	29 493	1 970
Used or to be used for breeding ..... farms, 1997..	3	15	41	–	22	13	40	3
1992..	10	40	74	1	42	32	53	6
number, 1997..	(D)	1 057	2 938	–	6 590	926	1 659	(D)
1992..	387	1 900	4 282	(D)	4 316	2 317	4 182	240
Other ..... farms, 1997..	4	29	57	–	57	22	53	4
1992..	15	61	108	2	79	48	79	7
number, 1997..	(D)	18 091	32 809	–	74 110	5 624	17 406	(D)
1992..	4 148	14 400	32 033	(D)	36 788	19 264	25 311	1 730
Hogs and pigs sold ..... farms, 1997..	4	31	65	–	59	23	61	5
1992..	17	70	119	1	86	50	83	8
number, 1997..	(D)	49 093	77 667	–	302 743	15 489	36 612	228
1992..	7 608	36 931	75 254	(D)	98 980	38 839	51 525	3 087
Feeder pigs ..... farms, 1997..	–	4	15	–	6	6	8	–
1992..	1	17	28	1	11	12	18	1
number, 1997..	–	(D)	(D)	–	(D)	1 911	(D)	–
1992..	(D)	5 150	13 363	(D)	24 171	6 081	9 679	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997..	2	22	18	44	3	55	–	–
1992..	4	15	15	30	1	39	–	–
acres, 1997..	(D)	(D)	(D)	14 890	(D)	23 275	–	–
1992..	(D)	(D)	13 874	3 680	(D)	9 581	–	–
Other than family held ..... farms, 1997..	–	–	–	5	1	4	–	1
1992..	–	–	2	6	1	4	–	–
acres, 1997..	–	–	–	(D)	(D)	(D)	–	(D)
1992..	–	–	(D)	(D)	(D)	(D)	–	–
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	–	1	1	3	1	2	–	–
1992..	–	1	5	4	–	3	–	–
acres, 1997..	–	(D)	(D)	(D)	(D)	(D)	–	–
1992..	–	(D)	(D)	(D)	–	(D)	–	–
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	2	220	214	170	2	125	–	–
Vegetable and melon farming (1112)	4	6	13	11	3	24	–	1
Fruit and tree nut farming (1113)	1	2	4	21	–	112	–	–
Greenhouse, nursery, and floriculture production (1114)	–	5	30	73	9	69	–	5
Other crop farming (1119)	5	45	41	25	7	45	–	14
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	5	45	41	25	7	45	–	14
Beef cattle ranching and farming (112111)	11	25	18	14	3	28	–	3
Cattle feedlots (112112)	–	32	22	4	1	24	–	–
Dairy cattle and milk production (11212)	3	114	37	11	5	76	–	4
Hog and pig farming (1122)	–	17	18	16	5	13	–	3
Poultry and egg production (1123)	–	2	2	4	–	1	–	–
Sheep and goat farming (1124)	–	–	2	6	–	–	–	1
Animal aquaculture and other animal production (1125, 1129)	–	5	11	22	4	31	–	1
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997..	19	235	183	81	15	197	–	20
1992..	19	283	205	87	13	244	–	18
number, 1997..	1 343	27 903	19 568	11 998	565	25 436	–	1 359
1992..	1 308	29 604	25 179	10 339	500	29 624	–	1 215
Cows and heifers that had calved ..... farms, 1997..	19	185	119	47	12	149	–	20
1992..	19	229	143	52	11	194	–	16
number, 1997..	770	11 799	5 653	4 765	332	10 745	–	699
1992..	885	13 429	7 722	2 895	236	12 455	–	492
Beef cows ..... farms, 1997..	16	71	79	31	8	70	–	15
1992..	12	83	79	31	5	62	–	9
number, 1997..	(D)	1 955	(D)	(D)	(D)	1 673	–	435
1992..	611	2 727	(D)	624	(D)	1 248	–	225
Milk cows ..... farms, 1997..	3	120	46	16	5	88	–	6
1992..	8	166	68	21	6	141	–	9
number, 1997..	(D)	9 844	(D)	(D)	(D)	9 072	–	264
1992..	274	10 702	(D)	2 271	(D)	11 207	–	267
Heifers and heifer calves ..... farms, 1997..	16	187	125	51	9	155	–	18
number, 1997..	265	8 904	4 574	4 250	180	9 360	–	450
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	19	193	162	73	13	158	–	17
number, 1997..	308	7 200	9 341	2 983	53	5 331	–	210
Cattle and calves sold ..... farms, 1997..	19	238	178	83	15	194	–	19
1992..	19	280	202	90	14	240	–	18
number, 1997..	666	10 438	13 905	5 676	392	10 310	–	592
1992..	732	15 837	15 545	7 950	306	12 456	–	457
Calves ..... farms, 1997..	11	112	73	39	12	92	–	9
number, 1997..	201	2 635	1 722	1 035	138	3 789	–	166
Cattle ..... farms, 1997..	15	218	157	72	13	167	–	16
1992..	18	255	184	85	13	217	–	17
number, 1997..	465	7 803	12 183	4 641	254	6 521	–	426
1992..	443	12 548	13 474	6 703	215	8 582	–	343
Fattened on grain and concentrates ..... farms, 1997..	3	80	84	32	8	66	–	4
number, 1997..	6	3 884	9 977	3 190	87	2 086	–	(D)
Hogs and pigs inventory ..... farms, 1997..	1	35	43	40	7	24	–	6
1992..	1	59	84	40	4	45	–	3
number, 1997..	(D)	7 673	8 739	50 132	977	7 673	–	268
1992..	(D)	13 293	28 201	27 366	(D)	13 141	–	(D)
Used or to be used for breeding ..... farms, 1997..	1	22	31	17	5	19	–	4
1992..	–	44	67	30	4	30	–	3
number, 1997..	(D)	590	1 058	3 855	(D)	854	–	32
1992..	–	1 629	2 364	3 566	(D)	1 139	–	(D)
Other ..... farms, 1997..	1	33	42	40	5	21	–	6
1992..	1	53	78	39	3	44	–	3
number, 1997..	(D)	7 083	7 681	46 277	(D)	6 819	–	236
1992..	(D)	11 664	25 837	23 800	(D)	12 002	–	(D)
Hogs and pigs sold ..... farms, 1997..	–	36	42	41	6	25	–	5
1992..	–	61	84	46	8	47	–	3
number, 1997..	–	11 168	14 052	87 479	3 703	14 055	–	341
1992..	–	25 196	56 303	48 061	(D)	25 463	–	318
Feeder pigs ..... farms, 1997..	–	6	13	6	3	6	–	1
1992..	–	16	33	7	1	10	–	3
number, 1997..	–	279	1 526	19 756	(D)	(D)	–	(D)
1992..	–	5 837	18 696	3 374	(D)	4 941	–	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997..	33	28	55	18	2	–	28	12
1992..	25	23	46	15	2	–	27	9
acres, 1997..	13 516	11 495	47 697	3 533	(D)	–	3 522	(D)
1992..	11 140	8 844	30 317	2 806	(D)	–	3 275	(D)
Other than family held ..... farms, 1997..	3	2	4	2	–	–	6	2
1992..	2	3	1	–	–	–	3	1
acres, 1997..	(D)	(D)	(D)	(D)	–	–	(D)	(D)
1992..	(D)	530	(D)	–	–	–	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	–	3	3	–	–	–	–	–
1992..	5	6	4	–	–	–	3	–
acres, 1997..	–	(D)	(D)	–	–	–	–	–
1992..	(D)	582	(D)	–	–	–	(D)	–
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	130	6	542	82	–	1	111	3
Vegetable and melon farming (1112)	30	6	8	10	1	1	41	11
Fruit and tree nut farming (1113)	10	174	11	8	–	–	10	35
Greenhouse, nursery, and floriculture production (1114)	40	16	13	53	7	3	79	21
Other crop farming (1119)	54	10	24	28	–	3	11	2
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	54	10	24	28	–	3	11	2
Beef cattle ranching and farming (112111)	20	3	17	18	5	7	5	8
Cattle feedlots (112112)	24	7	10	10	1	1	3	2
Dairy cattle and milk production (11212)	86	8	46	31	–	9	14	5
Hog and pig farming (1122)	9	–	25	5	–	–	2	3
Poultry and egg production (1123)	1	–	1	–	–	–	–	–
Sheep and goat farming (1124)	5	–	3	–	–	–	1	–
Animal aquaculture and other animal production (1125, 1129)	18	7	21	25	–	1	6	6
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997..	205	38	184	102	6	20	48	26
1992..	253	60	210	135	8	26	52	35
number, 1997..	20 250	4 663	19 019	9 737	847	2 304	2 782	1 420
1992..	22 998	4 324	21 945	14 199	993	3 418	5 284	1 253
Cows and heifers that had calved ..... farms, 1997..	157	24	115	76	6	18	34	20
1992..	190	43	126	116	4	26	33	29
number, 1997..	7 059	808	6 234	3 672	332	1 099	1 177	442
1992..	9 143	1 067	6 599	5 827	249	1 403	1 416	652
Beef cows ..... farms, 1997..	67	15	60	42	6	11	22	15
1992..	70	27	45	59	4	12	12	23
number, 1997..	1 205	(D)	793	650	332	356	(D)	(D)
1992..	1 478	(D)	842	1 164	249	(D)	161	(D)
Milk cows ..... farms, 1997..	94	10	57	40	–	9	14	5
1992..	122	17	87	68	–	16	22	9
number, 1997..	5 854	(D)	5 441	3 022	–	743	(D)	(D)
1992..	7 665	(D)	5 757	4 663	–	(D)	1 255	(D)
Heifers and heifer calves ..... farms, 1997..	160	22	113	83	5	19	31	17
number, 1997..	6 473	559	5 872	3 437	169	819	1 057	333
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	168	32	157	91	6	16	40	24
number, 1997..	6 718	3 296	6 913	2 628	346	386	548	645
Cattle and calves sold ..... farms, 1997..	205	38	183	106	7	20	46	25
1992..	248	55	213	137	8	26	50	34
number, 1997..	11 661	4 104	12 997	4 286	719	959	980	729
1992..	11 784	3 092	14 223	6 515	1 031	1 234	4 917	624
Calves ..... farms, 1997..	91	12	74	54	2	6	24	10
number, 1997..	2 397	174	1 650	1 368	(D)	160	430	277
Cattle ..... farms, 1997..	178	37	155	94	6	19	40	22
1992..	228	48	189	128	6	25	47	32
number, 1997..	9 264	3 930	11 347	2 918	(D)	799	550	452
1992..	9 165	2 588	11 639	4 735	860	673	4 407	441
Fattened on grain and concentrates ..... farms, 1997..	83	14	89	36	2	1	17	5
number, 1997..	7 395	3 256	9 046	1 010	(D)	(D)	199	215
Hogs and pigs inventory ..... farms, 1997..	31	3	54	15	–	3	8	9
1992..	51	8	99	17	1	1	14	9
number, 1997..	3 955	(D)	13 177	2 148	–	27	(D)	304
1992..	8 201	104	30 417	2 863	(D)	(D)	4 472	489
Used or to be used for breeding ..... farms, 1997..	20	1	26	8	–	1	4	5
1992..	39	1	62	10	–	1	7	7
number, 1997..	627	(D)	899	246	–	(D)	(D)	(D)
1992..	1 349	(D)	3 993	312	–	(D)	509	51
Other ..... farms, 1997..	30	3	50	15	–	3	7	8
1992..	51	8	94	16	1	1	14	9
number, 1997..	3 328	(D)	12 278	1 902	–	(D)	(D)	(D)
1992..	6 852	(D)	26 424	2 551	(D)	(D)	3 963	438
Hogs and pigs sold ..... farms, 1997..	29	3	55	13	1	2	7	9
1992..	49	7	104	18	2	1	17	9
number, 1997..	6 356	(D)	28 145	2 904	(D)	(D)	(D)	819
1992..	15 297	218	52 028	4 415	(D)	(D)	5 654	609
Feeder pigs ..... farms, 1997..	9	1	8	4	–	–	2	–
1992..	12	–	14	5	–	–	2	3
number, 1997..	943	(D)	(D)	(D)	–	–	(D)	–
1992..	4 879	–	10 110	1 085	–	–	(D)	215

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997..	3	13	4	2	3	4	29	14
1992..	2	17	1	2	6	2	28	12
acres, 1997..	(D)	(D)	1 550	(D)	(D)	(D)	22 485	(D)
1992..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	15 607
Other than family held ..... farms, 1997..	–	1	1	–	–	–	3	3
1992..	–	–	1	–	–	–	2	2
acres, 1997..	–	(D)	(D)	–	–	–	682	2 742
1992..	–	–	(D)	–	–	–	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	1	2	–	–	1	1	–	1
1992..	3	1	–	–	–	2	–	1
acres, 1997..	(D)	(D)	–	–	(D)	(D)	–	(D)
1992..	2 036	(D)	–	–	–	(D)	–	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	2	31	21	8	114	6	452	173
Vegetable and melon farming (1112)	3	38	14	3	3	1	24	27
Fruit and tree nut farming (1113)	2	24	3	1	–	–	7	10
Greenhouse, nursery, and floriculture production (1114)	4	26	3	17	4	22	59	25
Other crop farming (1119)	6	23	43	20	13	31	19	45
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	6	23	43	20	13	31	19	45
Beef cattle ranching and farming (112111)	4	7	30	13	14	14	4	27
Cattle feedlots (112112)	–	4	8	7	2	5	10	9
Dairy cattle and milk production (11212)	5	38	77	83	9	87	8	97
Hog and pig farming (1122)	–	2	14	–	6	1	16	9
Poultry and egg production (1123)	–	–	1	–	–	–	1	1
Sheep and goat farming (1124)	–	2	2	–	–	–	1	2
Animal aquaculture and other animal production (1125, 1129)	2	3	10	8	12	1	10	21
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997..	14	80	155	118	52	116	93	217
1992..	13	82	183	129	55	136	100	227
number, 1997..	2 058	8 086	12 715	16 811	3 539	22 636	4 886	18 966
1992..	1 527	8 040	14 934	16 030	4 372	23 826	6 271	21 268
Cows and heifers that had calved ..... farms, 1997..	13	64	145	114	40	106	33	162
1992..	12	70	156	125	44	122	41	173
number, 1997..	1 109	3 137	6 249	7 757	1 267	10 910	987	8 445
1992..	755	3 023	6 343	7 462	1 148	10 543	1 233	9 242
Beef cows ..... farms, 1997..	9	22	50	37	29	23	20	58
1992..	5	24	44	22	34	19	22	46
number, 1997..	337	(D)	1 104	(D)	(D)	(D)	241	863
1992..	179	449	1 019	838	674	726	(D)	805
Milk cows ..... farms, 1997..	6	44	102	87	11	90	14	110
1992..	9	50	120	108	11	107	19	131
number, 1997..	772	(D)	5 145	(D)	(D)	(D)	746	7 582
1992..	576	2 574	5 324	6 624	474	9 817	(D)	8 437
Heifers and heifer calves ..... farms, 1997..	11	63	139	111	37	110	41	164
number, 1997..	674	3 477	4 628	6 544	1 517	9 803	1 041	6 731
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	11	58	128	90	47	87	77	174
number, 1997..	275	1 472	1 838	2 510	755	1 923	2 858	3 790
Cattle and calves sold ..... farms, 1997..	13	78	157	118	51	116	83	210
1992..	12	80	183	130	52	138	98	220
number, 1997..	515	2 547	5 060	4 556	1 716	8 329	4 839	7 157
1992..	480	4 422	6 311	5 730	5 488	11 553	5 268	8 441
Calves ..... farms, 1997..	10	38	100	79	30	81	21	125
number, 1997..	333	942	1 985	1 851	433	3 474	405	2 879
Cattle ..... farms, 1997..	9	69	131	106	43	98	77	170
1992..	9	70	164	121	41	114	93	188
number, 1997..	182	1 605	3 075	2 705	1 283	4 855	4 434	4 278
1992..	259	3 556	4 519	3 166	5 169	6 199	4 465	4 718
Fattened on grain and concentrates ..... farms, 1997..	1	24	31	26	24	16	49	54
number, 1997..	(D)	647	945	732	443	524	3 958	1 308
Hogs and pigs inventory ..... farms, 1997..	4	11	45	3	16	7	46	34
1992..	1	17	51	2	26	11	57	50
number, 1997..	99	833	11 517	24	4 157	(D)	13 543	22 162
1992..	(D)	5 456	6 872	(D)	5 320	3 981	13 487	10 460
Used or to be used for breeding ..... farms, 1997..	1	4	29	3	8	3	27	23
1992..	–	10	31	1	24	8	34	37
number, 1997..	(D)	35	(D)	(D)	384	(D)	2 540	3 022
1992..	–	394	802	(D)	738	838	1 537	1 966
Other ..... farms, 1997..	4	10	42	2	15	7	44	31
1992..	1	17	49	2	24	10	57	46
number, 1997..	(D)	798	(D)	(D)	3 773	1 330	11 003	19 140
1992..	(D)	5 062	6 070	(D)	4 582	3 143	11 950	8 494
Hogs and pigs sold ..... farms, 1997..	3	11	44	3	12	7	48	36
1992..	1	19	56	1	25	12	61	52
number, 1997..	96	1 044	80 185	100	8 426	(D)	36 656	35 679
1992..	(D)	7 884	9 756	(D)	10 877	14 919	27 355	21 174
Feeder pigs ..... farms, 1997..	1	1	9	1	2	3	9	10
1992..	–	5	9	1	9	7	14	11
number, 1997..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2 689
1992..	–	665	1 316	(D)	2 788	13 349	5 314	10 321

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997..	2	17	23	43	24	11	–	3
1992..	–	11	15	32	21	5	–	1
acres, 1997..	(D)	9 381	(D)	2 413	18 155	(D)	–	4 925
1992..	–	(D)	(D)	5 020	(D)	4 274	–	(D)
Other than family held ..... farms, 1997..	–	3	–	3	1	–	–	–
1992..	–	–	1	7	1	–	–	–
acres, 1997..	–	(D)	–	(D)	(D)	–	–	–
1992..	–	–	(D)	(D)	(D)	–	–	–
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	–	1	2	1	3	–	–	–
1992..	–	1	–	1	2	–	–	–
acres, 1997..	–	(D)	(D)	(D)	(D)	–	–	–
1992..	–	(D)	–	(D)	(D)	–	–	–
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	9	22	53	25	19	10	–	5
Vegetable and melon farming (1112)	–	16	24	9	105	1	–	1
Fruit and tree nut farming (1113)	–	32	21	9	79	1	–	–
Greenhouse, nursery, and floriculture production (1114)	1	23	12	73	21	6	–	5
Other crop farming (1119)	9	15	44	19	26	27	4	44
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	9	15	44	19	26	27	4	44
Beef cattle ranching and farming (112111)	10	13	17	5	12	20	9	46
Cattle feedlots (112112)	2	4	10	2	7	13	–	6
Dairy cattle and milk production (11212)	10	33	115	6	38	52	13	69
Hog and pig farming (1122)	–	10	9	2	5	–	–	2
Poultry and egg production (1123)	–	1	3	1	3	–	–	–
Sheep and goat farming (1124)	–	–	3	–	–	1	–	1
Animal aquaculture and other animal production (1125, 1129)	–	6	10	30	3	6	2	5
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997..	29	74	195	26	94	100	24	145
1992..	30	68	182	26	104	101	31	129
number, 1997..	2 100	12 864	20 203	1 372	10 766	19 883	2 342	16 630
1992..	2 027	9 794	18 595	1 965	9 669	14 840	2 781	15 258
Cows and heifers that had calved ..... farms, 1997..	22	57	163	21	70	83	23	126
1992..	29	50	155	18	75	96	30	113
number, 1997..	981	6 889	9 596	622	3 902	6 862	1 337	8 450
1992..	1 024	3 482	8 000	866	3 787	6 503	1 370	7 308
Beef cows ..... farms, 1997..	12	20	57	15	29	36	12	56
1992..	10	12	33	10	46	40	16	41
number, 1997..	(D)	223	749	265	548	1 173	663	2 513
1992..	(D)	248	512	(D)	1 171	1 277	767	1 663
Milk cows ..... farms, 1997..	11	37	122	6	44	55	14	74
1992..	21	40	127	9	36	67	15	79
number, 1997..	(D)	6 666	8 847	357	3 354	5 689	674	5 937
1992..	(D)	3 234	7 488	(D)	2 616	5 226	603	5 645
Heifers and heifer calves ..... farms, 1997..	22	59	162	19	79	86	20	120
number, 1997..	810	3 730	7 894	569	3 496	7 003	756	5 763
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	23	67	149	17	83	81	19	123
number, 1997..	309	2 245	2 713	181	3 368	6 018	249	2 417
Cattle and calves sold ..... farms, 1997..	29	74	190	24	93	102	23	150
1992..	30	66	181	24	107	102	31	127
number, 1997..	930	6 688	8 022	645	4 721	11 074	1 023	6 327
1992..	728	5 555	6 828	1 042	5 535	5 310	1 511	6 125
Calves ..... farms, 1997..	13	32	128	9	55	52	16	89
number, 1997..	279	2 526	2 885	168	2 581	2 692	427	2 512
Cattle ..... farms, 1997..	24	68	152	18	85	87	15	124
1992..	26	62	175	20	96	95	28	111
number, 1997..	651	4 162	5 137	477	2 140	8 382	596	3 815
1992..	427	4 922	4 936	561	2 916	3 857	1 065	3 905
Fattened on grain and concentrates ..... farms, 1997..	4	23	49	10	28	30	1	32
number, 1997..	54	1 460	2 145	126	1 140	5 949	(D)	576
Hogs and pigs inventory ..... farms, 1997..	3	12	22	5	15	3	–	10
1992..	4	21	22	10	23	10	2	15
number, 1997..	(D)	6 122	9 505	398	2 102	42	–	544
1992..	302	7 216	4 661	1 020	5 800	1 929	(D)	1 399
Used or to be used for breeding ..... farms, 1997..	2	7	11	4	8	1	–	4
1992..	4	13	15	8	16	5	–	10
number, 1997..	(D)	628	(D)	79	328	(D)	–	46
1992..	66	802	916	179	880	(D)	–	295
Other ..... farms, 1997..	3	11	20	4	15	3	–	9
1992..	3	21	22	7	23	9	2	12
number, 1997..	(D)	5 494	(D)	319	1 774	(D)	–	498
1992..	236	6 414	3 745	841	4 920	(D)	(D)	1 104
Hogs and pigs sold ..... farms, 1997..	3	13	18	6	17	2	–	9
1992..	4	22	21	11	22	8	–	18
number, 1997..	(D)	9 015	19 983	947	6 461	(D)	–	818
1992..	(D)	13 638	10 475	3 264	10 094	3 226	–	6 312
Feeder pigs ..... farms, 1997..	1	2	1	2	6	–	–	3
1992..	–	6	8	5	6	2	–	10
number, 1997..	(D)	(D)	(D)	(D)	(D)	–	–	(D)
1992..	–	4 080	4 665	(D)	(D)	(D)	–	3 655

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997..	1	3	91	12	1	26	14	20
1992..	–	–	57	7	–	19	6	16
acres, 1997..	(D)	(D)	19 244	(D)	(D)	14 680	7 722	12 459
1992..	–	–	15 969	(D)	–	16 537	1 432	(D)
Other than family held ..... farms, 1997..	–	–	17	–	–	1	2	1
1992..	–	1	12	1	–	1	3	1
acres, 1997..	–	–	(D)	–	–	(D)	(D)	(D)
1992..	–	(D)	(D)	(D)	–	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	–	–	–	–	–	5	1	3
1992..	–	–	2	–	–	6	1	1
acres, 1997..	–	–	–	–	–	(D)	(D)	(D)
1992..	–	–	(D)	–	–	(D)	(D)	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	–	1	95	22	–	568	248	287
Vegetable and melon farming (1112)	1	3	47	17	–	15	14	17
Fruit and tree nut farming (1113)	–	–	137	–	3	11	5	7
Greenhouse, nursery, and floriculture production (1114)	–	5	147	5	3	30	36	13
Other crop farming (1119)	5	16	38	17	4	39	38	28
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	5	16	38	17	4	39	38	28
Beef cattle ranching and farming (112111)	8	7	47	22	2	8	11	17
Cattle feedlots (112112)	2	2	30	4	1	16	14	13
Dairy cattle and milk production (11212)	16	6	118	34	–	32	30	35
Hog and pig farming (1122)	1	–	45	–	–	4	3	41
Poultry and egg production (1123)	–	1	28	–	–	–	–	2
Sheep and goat farming (1124)	1	–	3	1	1	–	1	–
Animal aquaculture and other animal production (1125, 1129)	1	1	15	–	1	16	11	8
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997..	32	22	267	81	3	147	150	166
1992..	32	24	355	94	4	168	169	186
number, 1997..	2 066	1 847	33 566	7 736	271	7 919	7 575	10 154
1992..	2 110	1 921	39 053	7 735	243	12 444	12 624	11 833
Cows and heifers that had calved ..... farms, 1997..	29	14	190	66	3	73	116	117
1992..	28	16	246	75	4	97	131	130
number, 1997..	988	650	14 482	3 511	167	3 082	3 022	4 783
1992..	875	737	16 067	3 170	157	4 240	4 363	4 653
Beef cows ..... farms, 1997..	13	8	64	34	3	35	87	62
1992..	4	9	87	42	4	34	65	72
number, 1997..	(D)	314	1 314	(D)	167	(D)	(D)	1 117
1992..	233	(D)	2 627	1 121	157	(D)	1 331	1 502
Milk cows ..... farms, 1997..	16	6	134	36	–	38	36	62
1992..	24	9	175	35	–	66	70	71
number, 1997..	(D)	336	13 168	(D)	–	(D)	(D)	3 666
1992..	642	(D)	13 440	2 049	–	(D)	3 032	3 151
Heifers and heifer calves ..... farms, 1997..	28	16	178	64	3	70	107	124
number, 1997..	757	542	11 607	2 047	38	2 149	2 246	3 061
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	22	19	205	76	3	129	130	153
number, 1997..	321	655	7 477	2 178	66	2 688	2 307	2 310
Cattle and calves sold ..... farms, 1997..	32	22	267	82	3	141	145	160
1992..	32	26	351	96	4	169	168	184
number, 1997..	836	1 257	45 488	2 785	183	3 841	3 895	4 583
1992..	807	1 615	22 332	3 178	158	6 883	10 238	5 490
Calves ..... farms, 1997..	22	12	134	45	1	42	58	48
number, 1997..	271	172	35 500	997	(D)	842	1 059	1 190
Cattle ..... farms, 1997..	25	14	224	71	2	130	125	149
1992..	30	23	323	95	4	157	147	156
number, 1997..	565	1 085	9 988	1 788	(D)	2 999	2 836	3 393
1992..	427	1 261	13 454	2 464	(D)	5 241	8 520	4 084
Fattened on grain and concentrates ..... farms, 1997..	4	3	102	22	1	72	69	75
number, 1997..	74	(D)	5 330	264	(D)	1 464	1 560	1 624
Hogs and pigs inventory ..... farms, 1997..	2	1	64	2	1	20	19	74
1992..	6	1	129	5	–	41	30	145
number, 1997..	(D)	(D)	68 632	(D)	(D)	4 239	1 854	38 485
1992..	184	(D)	88 581	(D)	–	5 854	1 989	60 300
Used or to be used for breeding ..... farms, 1997..	2	–	37	1	1	10	12	54
1992..	3	1	85	4	–	21	17	111
number, 1997..	(D)	–	6 761	(D)	(D)	(D)	109	5 805
1992..	69	(D)	9 029	(D)	–	557	364	8 706
Other ..... farms, 1997..	2	1	64	2	1	20	18	68
1992..	6	1	122	4	–	40	28	142
number, 1997..	(D)	(D)	61 871	(D)	(D)	(D)	1 745	32 680
1992..	115	(D)	79 552	(D)	–	5 297	1 625	51 594
Hogs and pigs sold ..... farms, 1997..	2	–	67	1	1	21	17	79
1992..	5	1	136	6	–	45	26	151
number, 1997..	(D)	–	161 900	(D)	(D)	7 047	5 816	79 552
1992..	569	(D)	167 332	(D)	–	9 914	3 699	98 214
Feeder pigs ..... farms, 1997..	–	–	5	–	–	–	4	17
1992..	3	–	26	–	–	3	5	30
number, 1997..	–	–	(D)	–	–	–	(D)	18 624
1992..	(D)	–	28 886	–	–	1 424	206	12 861

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997..	38	–	4	66	35	28	28	3
1992..	23	–	5	64	38	27	25	1
acres, 1997..	(D)	–	3 405	(D)	24 706	7 655	4 707	(D)
1992..	(D)	–	(D)	60 500	(D)	5 987	2 974	(D)
Other than family held ..... farms, 1997..	1	–	1	1	6	4	–	–
1992..	1	–	1	1	2	5	3	1
acres, 1997..	(D)	–	(D)	(D)	(D)	(D)	–	–
1992..	(D)	–	(D)	(D)	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	2	–	3	1	2	2	–	2
1992..	2	–	1	1	–	–	–	–
acres, 1997..	(D)	–	(D)	(D)	(D)	(D)	–	(D)
1992..	(D)	–	(D)	(D)	–	–	–	–
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	411	2	391	413	95	260	30	3
Vegetable and melon farming (1112)	7	3	3	15	37	16	17	1
Fruit and tree nut farming (1113)	13	1	2	3	271	9	1	1
Greenhouse, nursery, and floriculture production (1114)	12	–	9	13	49	41	69	22
Other crop farming (1119)	65	5	19	68	22	43	6	19
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	65	5	19	68	22	43	6	19
Beef cattle ranching and farming (112111)	45	6	16	18	12	13	2	7
Cattle feedlots (112112)	36	1	7	19	8	18	–	2
Dairy cattle and milk production (11212)	265	2	42	70	25	44	2	15
Hog and pig farming (1122)	15	–	9	15	20	16	1	1
Poultry and egg production (1123)	2	–	2	2	4	1	5	2
Sheep and goat farming (1124)	–	–	2	1	3	5	1	–
Animal aquaculture and other animal production (1125, 1129)	7	–	2	11	4	25	6	8
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997..	484	13	162	201	110	177	16	30
1992..	520	25	226	204	115	186	7	31
number, 1997..	56 231	1 280	12 356	16 870	6 668	16 439	908	2 512
1992..	61 246	1 663	15 908	16 951	7 648	20 766	358	2 401
Cows and heifers that had calved ..... farms, 1997..	365	11	102	147	82	99	12	25
1992..	413	19	148	150	94	124	7	27
number, 1997..	23 783	627	5 185	7 134	3 162	5 768	529	1 096
1992..	26 886	905	6 873	7 265	3 169	8 051	153	1 108
Beef cows ..... farms, 1997..	85	9	48	74	54	45	10	11
1992..	71	18	61	65	64	44	6	8
number, 1997..	1 533	(D)	644	1 130	1 180	805	(D)	277
1992..	1 482	(D)	951	1 277	1 371	1 520	(D)	(D)
Milk cows ..... farms, 1997..	298	3	57	80	33	57	2	16
1992..	366	1	94	91	36	84	1	19
number, 1997..	22 250	(D)	4 541	6 004	1 982	4 963	(D)	819
1992..	25 404	(D)	5 922	5 988	1 798	6 531	(D)	(D)
Heifers and heifer calves ..... farms, 1997..	384	10	100	132	72	98	12	25
number, 1997..	19 620	379	4 155	5 376	1 701	4 630	228	772
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	400	10	137	174	92	160	13	25
number, 1997..	12 828	274	3 016	4 360	1 805	6 041	151	644
Cattle and calves sold ..... farms, 1997..	481	13	153	201	103	173	11	31
1992..	519	24	216	201	112	181	7	32
number, 1997..	20 563	694	4 861	7 978	2 587	8 962	421	1 177
1992..	27 716	1 034	6 535	7 153	4 059	9 230	242	1 148
Calves ..... farms, 1997..	280	8	76	95	43	62	7	18
number, 1997..	7 570	211	1 628	2 455	842	1 662	142	512
Cattle ..... farms, 1997..	400	13	129	167	88	148	9	26
1992..	468	24	195	188	96	159	7	29
number, 1997..	12 993	483	3 233	5 523	1 745	7 300	279	665
1992..	15 468	899	4 431	5 031	2 800	7 244	134	703
Fattened on grain and concentrates ..... farms, 1997..	142	5	61	85	42	90	3	4
number, 1997..	6 028	(D)	1 336	3 438	682	5 678	4	107
Hogs and pigs inventory ..... farms, 1997..	46	1	39	34	40	45	7	5
1992..	81	4	64	72	76	69	–	4
number, 1997..	9 971	(D)	2 364	9 594	29 249	21 758	633	61
1992..	12 707	1 276	10 660	14 919	51 110	24 644	–	(D)
Used or to be used for breeding ..... farms, 1997..	36	1	27	21	29	27	2	–
1992..	49	4	47	33	62	44	–	2
number, 1997..	1 567	(D)	692	865	4 815	2 154	(D)	–
1992..	1 515	137	1 383	972	8 751	2 501	–	(D)
Other ..... farms, 1997..	43	1	35	33	35	45	7	5
1992..	79	4	59	72	73	66	–	4
number, 1997..	8 404	(D)	1 672	8 729	24 434	19 604	(D)	61
1992..	11 192	1 139	9 277	13 947	42 359	22 143	–	(D)
Hogs and pigs sold ..... farms, 1997..	39	1	37	34	38	51	5	3
1992..	78	4	73	71	78	74	–	2
number, 1997..	17 899	(D)	6 425	25 331	55 963	27 724	710	(D)
1992..	18 711	(D)	18 982	32 446	102 732	41 939	–	(D)
Feeder pigs ..... farms, 1997..	18	–	11	5	5	4	–	–
1992..	11	4	27	16	14	14	–	–
number, 1997..	6 889	–	3 835	(D)	(D)	(D)	–	–
1992..	1 989	1 034	6 143	2 651	4 906	3 004	–	–

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
LIVESTOCK AND POULTRY—Con.							
Sheep and lambs inventory ..... farms, 1997..	568	3	1	14	5	4	1
1992..	611	1	2	16	1	3	2
number, 1997..	44 539	(D)	(D)	415	140	(D)	(D)
1992..	60 502	(D)	(D)	1 686	(D)	77	(D)
Sheep and lambs sold ..... farms, 1997..	500	2	1	11	5	2	1
1992..	588	1	2	17	1	2	2
number, 1997..	58 220	(D)	(D)	630	(D)	(D)	(D)
1992..	60 819	(D)	(D)	1 030	(D)	(D)	(D)
Layers 20 weeks old and older inventory ..... farms, 1997..	664	3	–	14	7	1	2
1992..	718	–	–	24	4	5	1
number, 1997..	4 888 242	41	–	1 373 679	399	(D)	(D)
1992..	4 560 993	–	–	1 033 064	68	204	(D)
Broilers and other meat-type chickens sold ..... farms, 1997..	118	–	–	3	–	1	–
1992..	115	–	–	4	–	–	–
number, 1997..	361 540	–	–	(D)	–	(D)	–
1992..	373 304	–	–	(D)	–	–	–
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms, 1997..	13 357	18	–	375	47	30	104
1992..	14 270	8	–	464	41	24	116
acres, 1997..	2 068 726	1 183	–	69 766	5 562	1 767	14 119
1992..	2 137 034	1 097	–	79 708	3 404	1 289	13 037
bushels, 1997..	234 140 282	70 663	–	7 728 329	450 147	155 639	1 629 045
1992..	220 432 118	64 050	–	8 311 522	173 273	108 851	1 035 141
Wheat for grain ..... farms, 1997..	7 618	9	1	160	24	6	77
1992..	9 535	13	–	199	37	10	86
acres, 1997..	479 329	498	(D)	9 856	1 855	(D)	5 098
1992..	537 010	575	–	8 232	1 377	(D)	4 408
bushels, 1997..	27 562 141	22 690	(D)	630 671	81 026	(D)	321 401
1992..	27 504 640	29 935	–	416 826	59 860	(D)	265 734
Soybeans for beans ..... farms, 1997..	10 352	3	1	198	4	–	80
1992..	9 875	1	–	172	3	–	64
acres, 1997..	1 643 475	(D)	(D)	33 208	(D)	–	8 010
1992..	1 245 826	(D)	–	15 481	(D)	–	4 521
bushels, 1997..	60 817 299	(D)	(D)	1 298 063	(D)	–	281 988
1992..	39 581 642	(D)	–	551 553	(D)	–	110 027
Dry edible beans, excluding dry limas ..... farms, 1997..	2 043	11	–	1	16	–	65
1992..	2 864	4	–	4	21	1	82
acres, 1997..	300 365	(D)	–	(D)	(D)	–	(D)
1992..	316 657	301	–	(D)	(D)	(D)	9 558
cwt, 1997..	4 851 596	(D)	–	(D)	(D)	–	(D)
1992..	4 176 032	4 985	–	(D)	(D)	(D)	132 391
Sugar beets for sugar ..... farms, 1997..	1 156	1	–	–	2	–	41
1992..	1 485	–	–	–	1	–	44
acres, 1997..	163 071	(D)	–	–	(D)	–	5 542
1992..	174 654	–	–	–	(D)	–	(D)
tons, 1997..	3 052 438	(D)	–	–	(D)	–	102 408
1992..	3 022 251	–	–	–	(D)	–	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	10 444	68	18	297	113	63	72
1992..	11 074	52	20	347	98	53	76
acres, 1997..	970 029	10 164	4 063	27 018	15 592	8 012	8 375
1992..	986 503	8 140	3 101	28 132	13 446	5 972	8 474
tons, dry, 1997..	2 374 662	19 413	6 430	72 387	31 250	15 465	18 655
1992..	2 384 704	15 539	5 621	84 000	21 740	9 548	19 614
Vegetables harvested for sale (see text) ..... farms, 1997..	1 816	3	2	62	12	12	23
1992..	2 017	3	1	74	8	8	28
acres, 1997..	126 299	(D)	(D)	6 924	113	154	1 845
1992..	134 806	35	(D)	6 529	342	107	1 991
Land in orchards ..... farms, 1997..	1 699	2	2	61	2	42	1
1992..	1 856	3	–	63	4	44	–
acres, 1997..	133 012	(D)	(D)	4 070	(D)	4 426	(D)
1992..	147 407	7	–	3 993	(D)	4 727	–

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
LIVESTOCK AND POULTRY—Con.							
Sheep and lambs inventory ..... farms, 1997..	–	6	2	–	6	20	25
1992..	–	14	–	–	4	15	25
number, 1997..	–	758	(D)	–	108	765	751
1992..	–	2 828	–	–	14	895	1 091
Sheep and lambs sold ..... farms, 1997..	–	5	1	–	6	17	24
1992..	–	11	–	–	1	15	23
number, 1997..	–	442	(D)	–	67	582	426
1992..	–	2 547	–	–	(D)	695	819
Layers 20 weeks old and older inventory ..... farms, 1997..	1	10	6	1	12	14	13
1992..	2	12	3	–	8	15	19
number, 1997..	(D)	317	113	(D)	191	395	986
1992..	(D)	313	82	–	232	(D)	(D)
Broilers and other meat-type chickens sold ..... farms, 1997..	–	–	–	–	–	3	3
1992..	–	–	3	–	1	3	–
number, 1997..	–	–	–	–	–	(D)	276
1992..	–	–	(D)	–	(D)	(D)	–
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms, 1997..	–	186	332	14	236	386	438
1992..	–	206	362	4	245	471	415
acres, 1997..	–	28 241	44 568	1 202	42 941	81 700	69 977
1992..	–	31 108	43 482	(D)	37 998	85 691	72 629
bushels, 1997..	–	2 793 357	5 786 664	85 926	4 931 094	9 663 813	6 763 333
1992..	–	3 311 315	4 940 178	(D)	4 240 690	9 943 669	7 619 860
Wheat for grain ..... farms, 1997..	–	95	155	1	84	160	226
1992..	–	141	196	–	100	205	270
acres, 1997..	–	8 198	6 111	(D)	4 780	7 245	13 061
1992..	–	10 217	6 982	–	5 858	7 642	14 104
bushels, 1997..	–	457 937	412 048	(D)	242 775	365 373	615 935
1992..	–	457 744	421 053	–	230 169	309 124	617 717
Soybeans for beans ..... farms, 1997..	–	128	339	–	247	317	375
1992..	–	140	316	–	242	368	304
acres, 1997..	–	20 194	34 401	–	40 507	51 061	46 893
1992..	–	18 280	22 653	–	27 165	36 643	29 259
bushels, 1997..	–	728 373	1 361 675	–	1 550 211	2 085 139	1 780 062
1992..	–	605 590	755 734	–	960 282	1 305 675	947 758
Dry edible beans, excluding dry limas ..... farms, 1997..	–	1	246	–	–	3	2
1992..	–	–	352	–	–	5	3
acres, 1997..	–	(D)	32 993	–	–	215	(D)
1992..	–	–	35 072	–	–	303	46
cwt, 1997..	–	(D)	557 051	–	–	2 700	(D)
1992..	–	–	483 954	–	–	5 670	690
Sugar beets for sugar ..... farms, 1997..	–	–	202	–	–	–	–
1992..	–	–	282	–	–	–	–
acres, 1997..	–	–	18 875	–	–	–	–
1992..	–	–	24 869	–	–	–	–
tons, 1997..	–	–	337 059	–	–	–	–
1992..	–	–	439 442	–	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	16	172	63	23	120	213	257
1992..	17	195	58	20	110	239	251
acres, 1997..	3 467	19 219	4 451	1 037	5 350	9 011	13 726
1992..	3 490	18 307	4 123	1 014	4 842	9 392	13 682
tons, dry, 1997..	4 988	59 646	13 148	1 856	17 032	26 093	36 936
1992..	4 489	55 488	14 595	884	13 481	28 695	41 403
Vegetables harvested for sale (see text) ..... farms, 1997..	–	8	55	4	147	20	18
1992..	–	12	72	7	156	20	14
acres, 1997..	–	103	2 535	(D)	5 787	1 291	424
1992..	–	311	3 858	(D)	6 103	1 060	854
Land in orchards ..... farms, 1997..	3	1	2	33	310	6	3
1992..	–	4	7	37	317	9	4
acres, 1997..	(D)	(D)	(D)	3 092	18 698	156	(D)
1992..	–	23	36	3 489	21 556	311	134

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
LIVESTOCK AND POULTRY—Con.							
Sheep and lambs inventory ..... farms, 1997..	17	1	4	11	7	15	–
1992..	15	1	3	6	9	8	2
number, 1997..	618	(D)	214	1 052	(D)	1 305	–
1992..	541	(D)	(D)	800	909	938	(D)
Sheep and lambs sold ..... farms, 1997..	17	1	3	11	5	15	–
1992..	13	1	4	7	8	11	–
number, 1997..	559	(D)	62	1 453	(D)	1 693	–
1992..	409	(D)	92	997	914	1 360	–
Layers 20 weeks old and older inventory ..... farms, 1997..	9	4	–	2	15	11	1
1992..	10	4	5	8	17	10	2
number, 1997..	196	96	–	(D)	523	413	(D)
1992..	(D)	(D)	245	230	620	231	(D)
Broilers and other meat-type chickens sold ..... farms, 1997..	1	–	–	1	1	1	–
1992..	2	–	1	1	2	1	–
number, 1997..	(D)	–	–	(D)	(D)	(D)	–
1992..	(D)	–	(D)	(D)	(D)	(D)	–
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms, 1997..	279	19	6	–	42	456	2
1992..	323	14	7	3	42	520	–
acres, 1997..	62 456	1 686	391	–	3 312	56 472	(D)
1992..	64 732	1 242	365	(D)	3 389	55 237	–
bushels, 1997..	6 670 350	113 576	32 652	–	337 721	6 688 601	(D)
1992..	7 350 633	76 966	26 370	(D)	226 424	5 867 031	–
Wheat for grain ..... farms, 1997..	86	5	2	2	27	351	–
1992..	129	3	5	8	29	486	–
acres, 1997..	4 398	(D)	(D)	(D)	1 034	19 281	–
1992..	5 745	(D)	252	124	1 179	25 206	–
bushels, 1997..	226 197	(D)	(D)	(D)	53 754	1 163 419	–
1992..	242 991	(D)	4 982	1 470	53 273	1 258 924	–
Soybeans for beans ..... farms, 1997..	234	–	–	–	8	472	–
1992..	236	–	–	–	2	529	–
acres, 1997..	36 288	–	–	–	378	66 914	–
1992..	28 119	–	–	–	(D)	61 245	–
bushels, 1997..	1 355 569	–	–	–	11 638	2 524 796	–
1992..	943 846	–	–	–	(D)	1 947 700	–
Dry edible beans, excluding dry limas ..... farms, 1997..	–	–	1	–	1	12	–
1992..	3	2	3	–	2	24	–
acres, 1997..	–	–	(D)	–	(D)	(D)	–
1992..	228	(D)	161	–	(D)	(D)	–
cwt, 1997..	–	–	(D)	–	(D)	(D)	–
1992..	6 240	(D)	528	–	(D)	(D)	–
Sugar beets for sugar ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	1	–
acres, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	(D)	–
tons, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	(D)	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	191	42	45	103	114	286	2
1992..	214	44	45	98	98	342	3
acres, 1997..	9 864	5 481	9 267	30 527	13 065	21 181	(D)
1992..	10 274	5 424	8 327	24 514	12 909	23 095	22
tons, dry, 1997..	22 903	11 402	16 451	36 705	27 484	69 266	(D)
1992..	30 319	11 222	10 644	28 622	19 591	80 970	16
Vegetables harvested for sale (see text) ..... farms, 1997..	26	6	2	1	3	21	2
1992..	47	6	6	1	1	13	1
acres, 1997..	1 194	(D)	(D)	(D)	19	554	(D)
1992..	3 521	(D)	93	(D)	(D)	610	(D)
Land in orchards ..... farms, 1997..	27	6	1	1	2	11	–
1992..	31	10	2	2	–	10	–
acres, 1997..	2 220	725	(D)	(D)	(D)	322	–
1992..	2 587	856	(D)	(D)	–	344	–

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
LIVESTOCK AND POULTRY—Con.							
Sheep and lambs inventory ..... farms, 1997..	1	–	18	5	9	9	–
1992..	2	–	23	6	9	11	1
number, 1997..	(D)	–	1 768	(D)	285	881	–
1992..	(D)	–	2 256	82	485	386	(D)
Sheep and lambs sold ..... farms, 1997..	1	–	16	5	8	9	–
1992..	–	–	22	6	8	9	1
number, 1997..	(D)	–	1 519	(D)	211	1 099	–
1992..	–	–	2 067	51	276	426	(D)
Layers 20 weeks old and older inventory ..... farms, 1997..	2	4	19	3	7	33	–
1992..	2	2	17	2	17	36	–
number, 1997..	(D)	130	2 143	46	122	1 544	–
1992..	(D)	(D)	42 490	(D)	1 310	1 601	–
Broilers and other meat-type chickens sold ..... farms, 1997..	3	–	2	–	2	9	–
1992..	–	2	1	–	1	11	–
number, 1997..	(D)	–	(D)	–	(D)	2 285	–
1992..	–	(D)	(D)	–	(D)	4 183	–
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms, 1997..	29	8	356	20	140	104	–
1992..	8	5	423	18	171	70	–
acres, 1997..	2 116	(D)	60 629	1 045	26 482	6 799	–
1992..	(D)	(D)	58 768	913	37 143	4 621	–
bushels, 1997..	168 240	(D)	6 929 555	73 375	2 703 976	682 741	–
1992..	(D)	(D)	6 300 202	53 725	3 208 301	347 679	–
Wheat for grain ..... farms, 1997..	5	–	227	1	93	50	–
1992..	10	–	318	6	126	67	–
acres, 1997..	891	–	21 644	(D)	6 933	2 490	–
1992..	822	–	24 356	(D)	9 957	2 186	–
bushels, 1997..	29 134	–	1 274 135	(D)	388 311	123 392	–
1992..	27 982	–	1 263 354	(D)	440 718	93 277	–
Soybeans for beans ..... farms, 1997..	3	–	316	–	144	20	–
1992..	–	–	356	–	151	18	–
acres, 1997..	590	–	54 197	–	30 786	1 325	–
1992..	–	–	44 534	–	25 708	745	–
bushels, 1997..	13 520	–	2 039 829	–	982 982	42 819	–
1992..	–	–	1 459 806	–	647 797	17 138	–
Dry edible beans, excluding dry limas ..... farms, 1997..	6	–	19	–	5	17	–
1992..	10	–	65	–	3	16	–
acres, 1997..	1 062	–	1 473	–	(D)	1 761	–
1992..	1 263	–	5 408	–	110	1 889	–
cwt, 1997..	11 290	–	16 050	–	(D)	25 726	–
1992..	12 143	–	64 974	–	1 607	17 925	–
Sugar beets for sugar ..... farms, 1997..	1	–	–	–	4	12	–
1992..	–	–	–	–	4	9	–
acres, 1997..	(D)	–	–	–	456	1 583	–
1992..	–	–	–	–	609	700	–
tons, 1997..	(D)	–	–	–	9 279	25 117	–
1992..	–	–	–	–	7 584	11 947	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	85	39	216	62	123	127	2
1992..	79	31	233	53	119	107	5
acres, 1997..	14 772	4 450	11 535	8 547	8 101	9 471	(D)
1992..	11 981	4 129	12 764	7 029	7 406	8 199	420
tons, dry, 1997..	26 113	8 885	33 085	14 161	19 752	19 849	(D)
1992..	15 480	6 255	38 510	10 395	17 926	12 184	777
Vegetables harvested for sale (see text) ..... farms, 1997..	6	3	22	11	31	8	–
1992..	11	2	19	7	25	10	–
acres, 1997..	59	(D)	682	188	583	(D)	–
1992..	108	(D)	1 031	197	737	145	–
Land in orchards ..... farms, 1997..	1	2	6	–	10	1	–
1992..	2	2	7	1	8	2	–
acres, 1997..	(D)	(D)	57	–	169	(D)	–
1992..	(D)	(D)	104	(D)	371	(D)	–

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997..	1	6	19	–	4	17	15	5
1992..	1	6	17	1	8	14	14	3
number, 1997..	(D)	182	872	–	(D)	1 159	527	148
1992..	(D)	149	341	(D)	137	978	633	368
Sheep and lambs sold ..... farms, 1997..	–	5	16	–	3	15	11	3
1992..	1	5	18	1	8	11	12	4
number, 1997..	–	184	589	–	(D)	801	513	135
1992..	(D)	138	291	(D)	81	805	623	293
Layers 20 weeks old and older inventory ..... farms, 1997..	2	4	22	4	13	9	5	8
1992..	2	10	17	2	17	8	7	3
number, 1997..	(D)	(D)	(D)	(D)	500 888	1 777	(D)	290
1992..	(D)	(D)	(D)	(D)	785 758	601	(D)	80
Broilers and other meat-type chickens sold ..... farms, 1997..	–	1	4	–	2	–	2	–
1992..	–	1	6	–	3	1	2	–
number, 1997..	–	(D)	485	–	(D)	–	(D)	–
1992..	–	(D)	526	–	275	(D)	(D)	–
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997..	56	420	398	4	670	244	410	37
1992..	38	495	445	2	804	259	458	33
acres, 1997..	6 637	75 415	66 559	43	108 630	48 406	61 305	2 741
1992..	3 816	75 684	69 961	(D)	115 496	51 582	62 493	2 442
bushels, 1997..	533 410	9 390 815	7 449 301	(D)	13 610 056	5 326 776	7 214 063	254 478
1992..	253 129	8 475 340	7 520 165	(D)	11 291 715	5 030 900	6 317 431	118 481
Wheat for grain ..... farms, 1997..	36	202	231	–	472	183	282	17
1992..	31	302	234	–	761	198	354	21
acres, 1997..	1 780	11 613	13 647	–	30 684	18 008	20 215	846
1992..	1 979	15 408	9 529	–	46 729	16 759	23 631	639
bushels, 1997..	67 445	740 587	751 216	–	2 042 838	1 031 575	1 133 770	56 908
1992..	67 877	786 913	389 278	–	3 111 484	799 690	1 151 718	39 515
Soybeans for beans ..... farms, 1997..	8	418	364	–	327	246	328	12
1992..	1	465	344	–	193	210	343	8
acres, 1997..	(D)	75 308	60 295	–	34 336	47 221	49 002	726
1992..	(D)	59 909	39 979	–	11 815	29 064	40 163	232
bushels, 1997..	(D)	2 891 442	2 330 181	–	1 197 777	1 711 280	1 959 174	24 496
1992..	(D)	1 878 760	1 351 975	–	329 242	1 030 041	1 269 046	2 876
Dry edible beans, excluding dry limas ..... farms, 1997..	1	125	–	2	544	4	7	1
1992..	–	218	2	–	733	7	44	2
acres, 1997..	(D)	20 542	–	(D)	90 726	(D)	1 021	(D)
1992..	–	25 269	(D)	–	89 633	191	6 681	(D)
cwt, 1997..	(D)	308 733	–	(D)	1 531 484	(D)	14 523	(D)
1992..	–	352 443	(D)	–	1 172 370	2 706	53 063	(D)
Sugar beets for sugar ..... farms, 1997..	–	68	1	–	310	4	–	2
1992..	–	109	–	–	348	1	–	1
acres, 1997..	–	(D)	(D)	–	45 771	12	–	(D)
1992..	–	(D)	–	–	36 294	(D)	–	(D)
tons, 1997..	–	(D)	(D)	–	903 525	256	–	(D)
1992..	–	(D)	–	–	659 415	(D)	–	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	74	165	272	27	365	185	299	66
1992..	63	183	267	26	504	205	334	60
acres, 1997..	7 348	11 890	17 746	4 892	24 216	14 521	23 469	8 580
1992..	6 849	12 189	17 068	4 627	30 445	17 571	24 813	8 582
tons, dry, 1997..	15 336	34 153	53 469	7 489	67 187	42 575	69 117	18 625
1992..	10 592	36 546	53 901	6 077	106 902	54 817	75 713	14 939
Vegetables harvested for sale (see text) ..... farms, 1997..	31	29	8	6	8	14	13	1
1992..	28	53	8	–	10	16	20	3
acres, 1997..	1 516	4 497	69	39	(D)	439	521	(D)
1992..	2 038	4 691	67	–	(D)	1 118	522	(D)
Land in orchards ..... farms, 1997..	104	4	6	2	3	6	26	3
1992..	121	7	9	4	6	10	35	1
acres, 1997..	8 184	(D)	240	(D)	(D)	(D)	1 450	26
1992..	9 144	211	344	(D)	41	284	2 360	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997..	1	2	19	20	1	7	–	4
1992..	2	10	25	16	–	10	–	1
number, 1997..	(D)	(D)	1 297	6 614	(D)	139	–	(D)
1992..	(D)	393	5 283	3 538	–	820	–	(D)
Sheep and lambs sold ..... farms, 1997..	1	1	16	18	1	6	–	4
1992..	2	10	25	16	2	9	–	1
number, 1997..	(D)	(D)	871	5 882	(D)	350	–	(D)
1992..	(D)	476	4 468	2 094	(D)	986	–	(D)
Layers 20 weeks old and older inventory ..... farms, 1997..	–	9	11	13	5	9	–	2
1992..	5	14	11	11	5	6	–	–
number, 1997..	–	249	344	290 889	146	144	–	(D)
1992..	(D)	(D)	(D)	354 635	78	302	–	–
Broilers and other meat-type chickens sold ..... farms, 1997..	–	3	1	2	1	1	–	–
1992..	1	–	4	2	2	2	–	–
number, 1997..	–	470	(D)	(D)	(D)	(D)	–	–
1992..	(D)	–	350	(D)	(D)	(D)	–	–
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997..	1	315	310	209	13	266	–	7
1992..	–	320	340	205	4	273	–	3
acres, 1997..	(D)	40 984	51 212	48 519	957	40 616	–	244
1992..	–	38 089	60 608	47 908	445	37 264	–	(D)
bushels, 1997..	(D)	4 243 105	5 002 110	5 291 451	94 437	4 426 083	–	19 900
1992..	–	3 215 838	6 255 150	5 428 731	36 050	3 111 529	–	(D)
Wheat for grain ..... farms, 1997..	2	192	163	94	2	138	–	2
1992..	3	241	209	109	2	152	–	1
acres, 1997..	(D)	10 606	9 055	7 231	(D)	6 627	–	(D)
1992..	208	10 889	10 199	7 916	(D)	6 812	–	(D)
bushels, 1997..	(D)	551 053	443 393	356 069	(D)	347 697	–	(D)
1992..	5 840	521 092	463 234	335 626	(D)	284 531	–	(D)
Soybeans for beans ..... farms, 1997..	–	240	196	196	–	110	–	–
1992..	–	202	161	177	–	73	–	–
acres, 1997..	–	31 037	26 125	31 369	–	13 846	–	–
1992..	–	18 062	13 081	23 033	–	5 490	–	–
bushels, 1997..	–	1 086 817	909 629	1 189 285	–	519 422	–	–
1992..	–	486 418	438 913	778 906	–	158 227	–	–
Dry edible beans, excluding dry limas ..... farms, 1997..	–	70	1	4	1	17	–	–
1992..	–	88	–	1	–	18	–	–
acres, 1997..	–	7 840	(D)	484	(D)	2 876	–	–
1992..	–	5 695	–	(D)	–	2 243	–	–
cwt, 1997..	–	108 830	(D)	6 026	(D)	50 270	–	–
1992..	–	74 955	–	(D)	–	32 961	–	–
Sugar beets for sugar ..... farms, 1997..	–	11	–	–	–	–	–	–
1992..	–	12	–	–	–	–	–	–
acres, 1997..	–	3 753	–	–	–	–	–	–
1992..	–	1 510	–	–	–	–	–	–
tons, 1997..	–	63 325	–	–	–	–	–	–
1992..	–	20 268	–	–	–	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	21	293	234	122	20	252	–	23
1992..	22	314	267	112	15	299	–	15
acres, 1997..	3 842	31 639	16 932	8 266	2 149	24 112	–	3 928
1992..	4 036	34 030	20 560	8 552	1 487	27 196	–	2 259
tons, dry, 1997..	6 847	84 743	46 197	22 352	3 115	65 349	–	9 125
1992..	5 219	80 726	60 081	21 466	1 635	77 317	–	1 853
Vegetables harvested for sale (see text) ..... farms, 1997..	2	11	28	32	3	62	–	2
1992..	–	8	25	39	4	80	–	1
acres, 1997..	(D)	1 932	1 063	1 695	669	3 696	–	(D)
1992..	–	316	1 208	4 311	(D)	4 420	–	(D)
Land in orchards ..... farms, 1997..	1	1	6	21	–	144	–	–
1992..	–	5	8	27	–	164	–	–
acres, 1997..	(D)	(D)	111	1 080	–	14 798	–	–
1992..	–	137	105	1 329	–	16 243	–	–

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997..	11	–	20	3	–	1	3	2
1992..	13	–	23	5	–	2	4	2
number, 1997..	553	–	1 025	(D)	–	(D)	(D)	(D)
1992..	983	–	3 393	451	–	(D)	(D)	(D)
Sheep and lambs sold ..... farms, 1997..	10	–	15	4	–	1	3	2
1992..	11	–	24	6	–	1	2	1
number, 1997..	488	–	11 706	140	–	(D)	(D)	(D)
1992..	554	–	7 575	509	–	(D)	(D)	(D)
Layers 20 weeks old and older inventory ..... farms, 1997..	17	7	17	6	–	5	9	–
1992..	15	8	19	11	–	5	13	5
number, 1997..	551	627	(D)	198	–	(D)	372	–
1992..	824	277	(D)	676	–	302	755	199
Broilers and other meat-type chickens sold ..... farms, 1997..	6	–	1	3	–	–	1	–
1992..	4	–	2	3	–	–	4	1
number, 1997..	(D)	–	(D)	72	–	–	(D)	–
1992..	810	–	(D)	(D)	–	–	1 398	(D)
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997..	237	34	549	125	1	1	102	21
1992..	290	41	619	155	–	2	116	16
acres, 1997..	38 775	3 582	91 381	23 296	(D)	(D)	11 071	1 202
1992..	45 595	2 747	104 097	28 975	–	(D)	14 767	491
bushels, 1997..	4 151 030	331 038	11 600 225	2 386 384	(D)	(D)	1 218 791	94 275
1992..	4 152 858	213 117	12 700 702	2 784 200	–	(D)	1 529 728	34 178
Wheat for grain ..... farms, 1997..	142	12	428	82	–	4	86	2
1992..	191	11	437	94	1	6	83	8
acres, 1997..	7 043	275	34 652	5 925	–	(D)	3 873	(D)
1992..	9 322	(D)	30 489	6 012	(D)	(D)	3 752	170
bushels, 1997..	384 540	8 476	2 271 162	282 417	–	(D)	205 453	(D)
1992..	449 530	(D)	1 604 653	276 851	(D)	(D)	208 299	7 348
Soybeans for beans ..... farms, 1997..	176	–	586	94	–	1	139	1
1992..	138	3	627	74	–	–	125	–
acres, 1997..	27 615	–	122 008	13 350	–	(D)	23 201	(D)
1992..	12 233	(D)	107 676	8 856	–	–	17 344	–
bushels, 1997..	922 418	–	5 061 407	495 923	–	(D)	789 803	(D)
1992..	351 071	(D)	3 974 553	252 871	–	–	524 421	–
Dry edible beans, excluding dry limas ..... farms, 1997..	18	–	4	1	–	1	–	4
1992..	24	–	5	–	–	1	8	4
acres, 1997..	(D)	–	217	(D)	–	(D)	–	956
1992..	5 725	–	222	–	–	(D)	453	958
cwt, 1997..	(D)	–	3 916	(D)	–	(D)	–	15 895
1992..	67 074	–	4 045	–	–	(D)	3 553	13 668
Sugar beets for sugar ..... farms, 1997..	2	–	20	–	–	–	2	–
1992..	2	–	40	–	–	–	–	–
acres, 1997..	(D)	–	1 833	–	–	–	(D)	–
1992..	(D)	–	(D)	–	–	–	–	–
tons, 1997..	(D)	–	33 708	–	–	–	(D)	–
1992..	(D)	–	(D)	–	–	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	260	61	217	144	7	18	54	34
1992..	292	73	234	173	11	32	71	39
acres, 1997..	21 643	4 407	11 173	12 281	1 913	5 176	3 295	2 301
1992..	24 578	4 974	13 786	16 767	2 050	8 112	3 107	2 968
tons, dry, 1997..	59 417	8 715	34 077	29 995	3 548	7 154	8 421	3 945
1992..	65 629	7 609	41 454	38 937	2 965	11 507	9 778	5 209
Vegetables harvested for sale (see text) ..... farms, 1997..	40	14	37	25	1	3	67	19
1992..	38	10	66	18	1	3	81	26
acres, 1997..	3 015	269	4 123	1 544	(D)	(D)	3 446	910
1992..	3 368	122	4 233	(D)	(D)	(D)	3 711	1 568
Land in orchards ..... farms, 1997..	13	188	16	8	–	1	14	36
1992..	16	183	23	6	1	1	21	36
acres, 1997..	540	16 223	662	502	–	(D)	720	3 642
1992..	593	16 667	503	313	(D)	(D)	1 070	3 623

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997..	–	6	11	3	2	2	17	5
1992..	–	11	10	6	2	2	16	10
number, 1997..	–	828	(D)	25	(D)	(D)	808	404
1992..	–	2 385	2 260	(D)	(D)	(D)	660	840
Sheep and lambs sold ..... farms, 1997..	–	4	8	2	2	2	15	6
1992..	–	11	10	3	2	2	16	10
number, 1997..	–	541	575	(D)	(D)	(D)	594	300
1992..	–	3 659	1 344	(D)	(D)	(D)	529	568
Layers 20 weeks old and older inventory ..... farms, 1997..	2	11	17	7	7	2	13	19
1992..	1	6	19	5	6	3	18	9
number, 1997..	(D)	369	1 101	114	313	(D)	1 984	674
1992..	(D)	(D)	1 472	265	422	45	6 229	375
Broilers and other meat-type chickens sold ..... farms, 1997..	1	1	5	–	–	–	7	4
1992..	–	–	4	–	–	–	4	–
number, 1997..	(D)	(D)	2 360	–	–	–	1 109	394
1992..	–	–	4 025	–	–	–	1 121	–
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997..	–	85	120	59	135	68	406	309
1992..	2	78	137	37	142	43	423	308
acres, 1997..	–	9 483	11 202	6 564	19 698	6 368	58 509	50 798
1992..	(D)	6 946	9 611	3 082	21 654	(D)	60 473	40 089
bushels, 1997..	–	899 409	1 052 941	527 426	2 177 686	640 880	7 720 434	5 787 720
1992..	(D)	483 985	650 891	161 265	2 181 807	(D)	7 433 391	3 455 384
Wheat for grain ..... farms, 1997..	–	76	41	–	44	22	357	136
1992..	–	48	61	3	71	19	329	185
acres, 1997..	–	3 976	1 148	–	1 776	710	24 975	13 985
1992..	–	2 430	1 993	128	2 740	430	18 863	14 675
bushels, 1997..	–	213 546	52 315	–	112 019	40 720	1 598 622	664 375
1992..	–	96 478	73 075	2 380	152 358	18 656	1 062 749	622 209
Soybeans for beans ..... farms, 1997..	2	21	4	4	119	1	492	100
1992..	–	14	2	3	123	–	506	90
acres, 1997..	(D)	(D)	152	104	15 556	(D)	88 301	13 721
1992..	–	591	(D)	86	16 750	–	85 420	9 663
bushels, 1997..	(D)	(D)	(D)	3 120	601 173	(D)	3 458 480	486 446
1992..	–	11 723	(D)	1 460	535 974	–	2 838 113	229 133
Dry edible beans, excluding dry limas ..... farms, 1997..	–	2	13	–	39	3	3	109
1992..	–	2	15	–	59	–	9	119
acres, 1997..	–	(D)	(D)	–	(D)	(D)	(D)	17 541
1992..	–	(D)	2 276	–	6 083	–	(D)	16 881
cwt, 1997..	–	(D)	(D)	–	(D)	(D)	(D)	272 313
1992..	–	(D)	24 831	–	80 354	–	(D)	207 496
Sugar beets for sugar ..... farms, 1997..	–	–	1	–	23	–	6	5
1992..	–	–	1	–	30	–	36	4
acres, 1997..	–	–	(D)	–	(D)	–	278	486
1992..	–	–	(D)	–	5 356	–	2 833	274
tons, 1997..	–	–	(D)	–	(D)	–	4 787	8 070
1992..	–	–	(D)	–	88 811	–	37 521	3 886
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	17	98	181	134	61	138	103	261
1992..	16	98	196	140	58	149	127	255
acres, 1997..	4 136	9 711	23 837	26 387	3 347	29 846	2 913	22 086
1992..	3 290	10 613	25 814	28 203	3 841	30 952	3 358	23 642
tons, dry, 1997..	8 055	22 681	50 592	56 365	7 337	68 113	10 015	55 362
1992..	5 661	23 317	45 441	39 710	7 152	50 904	10 487	65 216
Vegetables harvested for sale (see text) ..... farms, 1997..	3	62	28	1	6	2	53	39
1992..	1	57	20	2	8	–	78	37
acres, 1997..	(D)	5 315	1 610	(D)	162	(D)	2 909	5 221
1992..	(D)	4 554	1 195	(D)	655	–	3 630	3 947
Land in orchards ..... farms, 1997..	3	31	3	5	1	3	16	13
1992..	1	42	6	2	1	–	16	11
acres, 1997..	14	4 773	(D)	12	(D)	(D)	279	932
1992..	(D)	5 950	202	(D)	(D)	–	335	758

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997..	2	2	5	4	5	3	–	7
1992..	–	1	4	7	4	3	3	3
number, 1997..	(D)	(D)	796	70	42	(D)	–	593
1992..	–	(D)	30	164	(D)	(D)	(D)	367
Sheep and lambs sold ..... farms, 1997..	1	2	5	4	4	3	–	10
1992..	–	1	5	8	5	3	2	3
number, 1997..	(D)	(D)	1 145	51	49	(D)	–	(D)
1992..	–	(D)	41	99	37	(D)	(D)	(D)
Layers 20 weeks old and older inventory ..... farms, 1997..	3	5	10	5	5	3	–	4
1992..	2	3	5	5	7	5	2	8
number, 1997..	105	132	292	78	188	105	–	165
1992..	(D)	(D)	85 440	195	(D)	112	(D)	452
Broilers and other meat-type chickens sold ..... farms, 1997..	1	1	1	1	1	–	–	–
1992..	–	–	–	1	1	–	–	–
number, 1997..	(D)	(D)	(D)	(D)	(D)	–	–	–
1992..	–	–	–	(D)	(D)	–	–	–
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997..	13	80	187	44	118	58	–	52
1992..	7	73	134	45	95	48	–	25
acres, 1997..	1 569	13 793	21 570	7 003	9 839	6 453	–	3 930
1992..	420	13 423	12 184	10 879	7 802	6 055	–	2 363
bushels, 1997..	151 095	1 436 545	2 263 915	650 531	887 089	663 890	–	376 582
1992..	26 196	792 528	819 224	1 033 348	586 060	374 170	–	153 849
Wheat for grain ..... farms, 1997..	14	31	59	29	53	20	1	18
1992..	13	34	48	31	45	31	1	19
acres, 1997..	(D)	1 699	1 626	2 290	1 759	1 481	(D)	469
1992..	614	1 261	1 353	2 219	1 383	1 808	(D)	382
bushels, 1997..	(D)	89 851	78 352	103 948	88 718	95 965	(D)	22 235
1992..	29 998	55 673	55 905	109 797	57 261	97 990	(D)	12 755
Soybeans for beans ..... farms, 1997..	5	21	32	23	14	3	–	2
1992..	1	14	6	14	8	–	–	4
acres, 1997..	111	(D)	(D)	(D)	803	(D)	–	(D)
1992..	(D)	(D)	(D)	(D)	(D)	–	–	105
bushels, 1997..	3 460	(D)	(D)	(D)	20 162	(D)	–	(D)
1992..	(D)	(D)	(D)	(D)	(D)	–	–	3 527
Dry edible beans, excluding dry limas ..... farms, 1997..	5	–	2	1	3	–	–	–
1992..	2	–	2	–	3	1	–	–
acres, 1997..	471	–	(D)	(D)	(D)	–	–	–
1992..	(D)	–	(D)	–	196	(D)	–	–
cwt, 1997..	4 870	–	(D)	(D)	(D)	–	–	–
1992..	(D)	–	(D)	–	(D)	(D)	–	–
Sugar beets for sugar ..... farms, 1997..	2	–	–	–	–	2	–	–
1992..	–	–	–	–	–	1	–	–
acres, 1997..	(D)	–	–	–	–	(D)	–	–
1992..	–	–	–	–	–	(D)	–	–
tons, 1997..	(D)	–	–	–	–	(D)	–	–
1992..	–	–	–	–	–	(D)	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	32	88	223	55	133	117	27	163
1992..	33	74	191	61	134	108	33	145
acres, 1997..	4 027	10 316	23 595	4 354	10 637	21 262	7 266	30 219
1992..	3 099	9 259	21 521	5 708	10 638	19 961	6 132	26 783
tons, dry, 1997..	8 349	28 473	57 999	11 137	26 727	49 523	14 936	62 525
1992..	5 852	17 475	41 515	15 187	20 779	46 388	7 798	41 879
Vegetables harvested for sale (see text) ..... farms, 1997..	3	30	34	17	163	1	–	–
1992..	3	27	31	14	199	2	–	4
acres, 1997..	(D)	3 043	4 950	495	14 463	(D)	–	–
1992..	12	3 128	5 040	537	16 115	(D)	–	12
Land in orchards ..... farms, 1997..	1	24	27	14	116	2	–	2
1992..	1	17	24	10	149	1	–	1
acres, 1997..	(D)	3 707	2 270	448	14 946	(D)	–	(D)
1992..	(D)	3 524	2 259	433	15 990	(D)	–	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997..	5	1	6	2	2	13	2	20
1992..	5	–	8	–	–	15	3	35
number, 1997..	(D)	(D)	60	(D)	(D)	83	(D)	1 778
1992..	570	–	269	–	–	202	73	2 009
Sheep and lambs sold ..... farms, 1997..	6	1	4	1	2	10	–	20
1992..	5	–	8	1	–	11	4	34
number, 1997..	(D)	(D)	(D)	(D)	(D)	69	–	958
1992..	422	–	77	(D)	–	94	89	1 760
Layers 20 weeks old and older inventory ..... farms, 1997..	4	2	15	7	1	14	17	26
1992..	6	–	17	6	–	18	12	37
number, 1997..	113	(D)	1 670 177	354	(D)	386	715	856
1992..	158	–	752 746	305	–	796	548	(D)
Broilers and other meat-type chickens sold ..... farms, 1997..	1	1	6	–	–	3	2	5
1992..	3	1	4	5	–	2	1	3
number, 1997..	(D)	(D)	(D)	–	–	(D)	(D)	(D)
1992..	(D)	(D)	1 245	(D)	–	(D)	(D)	(D)
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997..	7	9	307	54	–	573	184	383
1992..	2	5	374	25	–	622	213	450
acres, 1997..	(D)	423	40 726	4 797	–	80 529	17 435	92 740
1992..	(D)	252	39 886	2 226	–	77 664	30 025	105 576
bushels, 1997..	(D)	31 726	4 737 062	403 823	–	9 716 644	1 820 536	11 704 700
1992..	(D)	22 212	3 553 524	164 906	–	8 635 136	2 618 593	12 328 612
Wheat for grain ..... farms, 1997..	2	5	163	22	–	331	175	68
1992..	–	4	142	19	–	465	228	98
acres, 1997..	(D)	215	5 739	1 501	–	16 662	10 222	2 350
1992..	–	99	4 114	1 052	–	23 264	14 039	3 531
bushels, 1997..	(D)	6 550	300 307	55 597	–	1 064 021	531 406	117 242
1992..	–	1 650	177 862	34 035	–	1 336 000	708 078	129 423
Soybeans for beans ..... farms, 1997..	–	1	113	7	–	628	282	307
1992..	–	–	30	2	–	695	249	339
acres, 1997..	–	(D)	8 953	(D)	–	107 214	61 204	46 763
1992..	–	–	1 222	(D)	–	112 957	45 313	39 423
bushels, 1997..	–	(D)	360 876	(D)	–	3 747 227	2 040 299	1 892 056
1992..	–	–	34 922	(D)	–	3 508 008	1 272 545	1 409 026
Dry edible beans, excluding dry limas ..... farms, 1997..	–	1	1	23	–	148	6	1
1992..	–	1	–	32	–	204	4	21
acres, 1997..	–	(D)	(D)	2 568	–	15 525	(D)	(D)
1992..	–	(D)	–	3 404	–	15 090	(D)	(D)
cwt, 1997..	–	(D)	(D)	29 720	–	265 485	(D)	(D)
1992..	–	(D)	–	18 272	–	234 674	(D)	(D)
Sugar beets for sugar ..... farms, 1997..	–	–	–	1	–	158	7	–
1992..	–	–	–	–	–	199	9	–
acres, 1997..	–	–	–	(D)	–	18 173	(D)	–
1992..	–	–	–	–	–	(D)	1 395	–
tons, 1997..	–	–	–	(D)	–	344 133	(D)	–
1992..	–	–	–	–	–	(D)	20 388	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	30	31	293	95	8	171	188	194
1992..	32	34	345	96	4	176	204	226
acres, 1997..	3 274	6 469	24 302	14 773	1 126	6 636	12 303	9 128
1992..	3 108	6 857	24 175	11 149	614	7 148	14 445	9 180
tons, dry, 1997..	5 817	9 823	63 206	29 779	1 735	21 207	29 232	23 169
1992..	4 878	7 995	66 910	16 292	536	27 438	35 128	29 757
Vegetables harvested for sale (see text) ..... farms, 1997..	3	2	73	7	–	32	25	63
1992..	1	3	93	2	–	30	31	55
acres, 1997..	4	(D)	3 239	63	–	3 089	781	9 746
1992..	(D)	37	3 606	(D)	–	1 744	797	7 337
Land in orchards ..... farms, 1997..	–	2	50	2	3	6	3	11
1992..	1	–	65	1	1	9	4	4
acres, 1997..	–	(D)	6 066	(D)	(D)	110	37	273
1992..	(D)	–	6 641	(D)	(D)	277	(D)	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997..	11	–	9	9	9	54	5	1
1992..	11	–	13	11	9	62	–	1
number, 1997..	229	–	471	(D)	755	9 437	439	(D)
1992..	82	–	1 492	1 129	676	13 076	–	(D)
Sheep and lambs sold ..... farms, 1997..	9	–	7	6	7	53	4	1
1992..	8	–	14	10	10	66	–	1
number, 1997..	140	–	411	(D)	476	16 343	437	(D)
1992..	67	–	777	1 141	814	14 577	–	(D)
Layers 20 weeks old and older inventory ..... farms, 1997..	19	–	10	16	21	25	3	–
1992..	28	4	14	17	12	19	2	3
number, 1997..	869	–	2 126	(D)	(D)	975	124	–
1992..	1 017	(D)	1 466	245 122	(D)	6 898	(D)	87
Broilers and other meat-type chickens sold ..... farms, 1997..	6	–	–	5	–	6	1	1
1992..	3	1	1	6	1	1	2	–
number, 1997..	653	–	–	1 820	–	1 620	(D)	(D)
1992..	600	(D)	(D)	(D)	(D)	(D)	(D)	–
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997..	609	4	361	515	161	340	38	21
1992..	630	5	375	541	192	333	20	8
acres, 1997..	89 381	214	45 029	77 684	33 432	46 139	6 136	2 439
1992..	100 866	104	46 972	82 972	36 279	49 658	4 102	1 698
bushels, 1997..	10 326 320	21 740	4 764 589	9 413 648	3 116 097	4 853 593	615 887	211 723
1992..	9 296 522	13 550	4 523 886	9 465 085	3 548 998	5 331 511	587 859	126 410
Wheat for grain ..... farms, 1997..	409	2	308	253	46	288	22	4
1992..	613	1	391	386	60	279	13	5
acres, 1997..	30 382	(D)	21 193	16 516	2 483	16 615	1 533	47
1992..	42 398	(D)	24 416	23 733	2 642	15 178	900	225
bushels, 1997..	1 766 828	(D)	1 158 627	1 104 507	128 284	909 439	69 498	1 750
1992..	2 399 305	(D)	1 181 162	1 424 648	108 164	734 822	55 596	7 590
Soybeans for beans ..... farms, 1997..	539	3	430	421	120	289	37	1
1992..	506	–	462	410	116	204	30	1
acres, 1997..	100 924	(D)	78 855	56 656	23 784	37 400	9 998	(D)
1992..	66 505	–	70 815	41 659	22 351	20 986	5 056	(D)
bushels, 1997..	3 606 804	6 455	2 511 146	2 102 983	790 923	1 350 375	303 017	(D)
1992..	1 677 064	–	2 107 793	1 341 889	565 956	710 371	122 146	(D)
Dry edible beans, excluding dry limas ..... farms, 1997..	171	1	7	292	1	–	–	–
1992..	257	–	14	362	–	2	–	–
acres, 1997..	19 009	(D)	145	54 110	(D)	–	–	–
1992..	22 028	–	513	48 605	–	(D)	–	–
cwt, 1997..	285 294	(D)	2 171	865 508	(D)	–	–	–
1992..	223 199	–	3 579	741 307	–	(D)	–	–
Sugar beets for sugar ..... farms, 1997..	71	3	–	194	–	–	–	–
1992..	76	–	1	272	–	2	–	–
acres, 1997..	14 577	61	–	29 600	–	–	–	–
1992..	15 543	–	(D)	37 319	–	(D)	–	–
tons, 1997..	262 448	1 190	–	558 473	–	–	–	–
1992..	211 535	–	(D)	683 461	–	(D)	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	525	15	200	230	136	277	26	49
1992..	566	21	257	211	143	275	15	33
acres, 1997..	49 212	3 232	12 765	16 694	8 386	17 916	1 692	6 470
1992..	52 877	2 832	16 419	13 672	9 756	21 480	599	4 164
tons, dry, 1997..	142 367	5 164	32 639	47 605	24 107	53 749	3 438	12 636
1992..	162 838	6 546	51 194	43 636	23 318	67 067	2 056	5 474
Vegetables harvested for sale (see text) ..... farms, 1997..	18	3	11	27	77	39	28	2
1992..	13	3	7	34	97	35	35	5
acres, 1997..	1 213	(D)	63	2 456	11 959	2 188	847	(D)
1992..	401	6	67	1 569	13 398	1 951	1 087	(D)
Land in orchards ..... farms, 1997..	12	1	6	4	182	11	4	2
1992..	9	–	7	6	195	16	3	–
acres, 1997..	349	(D)	107	(D)	15 024	285	(D)	(D)
1992..	312	–	100	211	17 895	415	(D)	–

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.

Table 13. **Selected Crops Harvested: 1997 and 1992**

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

Crop		Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Harvested cropland	farms, 1997	37 941	176	56	1 116	351	220	237
	1992	41 334	173	53	1 269	351	217	260
	acres, 1997	6 724 480	18 148	6 431	175 394	39 323	21 583	56 792
	1992	6 584 251	15 372	4 802	169 173	37 297	19 809	52 391
Irrigated	farms, 1997	3 669	4	5	183	13	37	10
	1992	3 767	3	9	184	17	34	12
	acres, 1997	390 636	(D)	29	12 925	(D)	(D)	870
	1992	364 718	(D)	27	13 273	289	2 574	1 067
Corn for grain or seed	farms, 1997	16 712	24	–	490	59	37	121
	1992	18 962	13	–	648	52	37	131
	acres, 1997	2 122 283	1 237	–	71 499	5 735	1 843	14 348
	1992	2 221 271	1 156	–	83 041	3 560	1 482	13 344
	bushels, 1997	238 319 129	74 183	–	7 864 562	461 617	159 829	1 650 694
	1992	226 824 263	66 685	–	8 590 184	179 961	120 966	1 059 270
Irrigated	farms, 1997	780	–	–	28	1	1	2
	1992	838	–	–	28	–	1	1
	acres, 1997	164 236	–	–	4 268	(D)	(D)	(D)
	1992	165 182	–	–	5 232	–	(D)	(D)
1997 farms by acres harvested:								
1 to 24 acres		4 915	12	–	147	17	18	37
25 to 99 acres		6 160	8	–	175	26	14	39
100 to 249 acres		3 298	3	–	86	10	4	28
250 to 499 acres		1 485	1	–	48	4	1	13
500 acres or more		854	–	–	34	2	–	4
Wheat for grain	farms, 1997	8 976	15	1	190	42	7	93
	1992	12 433	21	–	250	68	12	106
	acres, 1997	499 742	595	(D)	10 185	2 160	117	5 430
	1992	583 245	679	–	8 906	1 834	289	4 735
	bushels, 1997	28 432 159	26 340	(D)	645 327	90 999	4 085	334 443
	1992	29 350 586	33 821	–	444 092	77 600	9 211	281 866
Irrigated	farms, 1997	65	–	–	1	–	1	2
	1992	81	–	–	1	–	1	–
	acres, 1997	7 737	–	–	(D)	–	(D)	(D)
	1992	5 182	–	–	(D)	–	(D)	–
1997 farms by acres harvested:								
1 to 24 acres		3 781	7	1	94	26	5	33
25 to 99 acres		3 821	6	–	67	12	2	43
100 to 249 acres		1 107	2	–	23	3	–	17
250 to 499 acres		217	–	–	4	–	–	–
500 acres or more		50	–	–	2	1	–	–
Soybeans for beans	farms, 1997	12 561	5	1	235	6	–	98
	1992	13 175	1	–	197	4	1	79
	acres, 1997	1 694 872	215	(D)	33 913	339	–	8 408
	1992	1 332 114	(D)	–	16 243	204	(D)	4 770
	bushels, 1997	62 242 411	4 440	(D)	1 323 641	6 063	–	293 071
	1992	41 633 625	(D)	–	564 392	2 852	(D)	115 169
Irrigated	farms, 1997	384	–	–	14	–	–	1
	1992	333	–	–	6	–	–	1
	acres, 1997	47 518	–	–	1 279	–	–	(D)
	1992	26 831	–	–	545	–	–	(D)
1997 farms by acres harvested:								
1 to 24 acres		2 590	1	1	70	3	–	24
25 to 99 acres		5 353	3	–	84	1	–	43
100 to 249 acres		2 728	1	–	40	2	–	26
250 to 499 acres		1 213	–	–	22	–	–	5
500 acres or more		677	–	–	19	–	–	–
Dry edible beans, excluding dry limas	farms, 1997	2 172	13	–	1	17	1	67
	1992	3 176	4	–	4	23	1	87
	acres, 1997	302 767	1 107	–	(D)	3 679	(D)	8 663
	1992	322 334	301	–	(D)	3 973	(D)	9 692
	cwt, 1997	4 878 076	13 628	–	(D)	37 727	(D)	134 784
	1992	4 229 224	4 985	–	(D)	44 147	(D)	133 319
Irrigated	farms, 1997	86	–	–	–	1	1	3
	1992	130	–	–	–	–	–	–
	acres, 1997	11 390	–	–	–	(D)	(D)	(D)
	1992	14 076	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres		378	2	–	1	3	1	10
25 to 99 acres		859	5	–	–	6	–	26
100 to 249 acres		569	6	–	–	4	–	20
250 to 499 acres		266	–	–	–	2	–	10
500 acres or more		100	–	–	–	2	–	1
Sugar beets for sugar	farms, 1997	1 182	1	–	–	2	–	41
	1992	1 518	–	–	–	1	–	45
	acres, 1997	163 236	(D)	–	–	(D)	–	5 542
	1992	174 917	–	–	–	(D)	–	5 295
	tons, 1997	3 055 112	(D)	–	–	(D)	–	102 408
	1992	3 026 450	–	–	–	(D)	–	90 316
Irrigated	farms, 1997	39	–	–	–	–	–	1
	1992	38	–	–	–	–	–	1
	acres, 1997	2 445	–	–	–	–	–	(D)
	1992	2 092	–	–	–	–	–	(D)
1997 farms by acres harvested:								
1 to 24 acres		182	1	–	–	2	–	7
25 to 99 acres		463	–	–	–	–	–	15
100 to 249 acres		350	–	–	–	–	–	12
250 to 499 acres		137	–	–	–	–	–	5
500 acres or more		50	–	–	–	–	–	2

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Harvested cropland ..... farms, 1997..	52	625	646	110	1 043	733	876
1992..	53	712	762	105	1 229	821	937
acres, 1997..	5 820	95 387	152 564	8 102	126 637	160 318	157 288
1992..	5 266	93 656	153 910	7 117	114 707	155 388	145 940
Irrigated ..... farms, 1997..	5	23	63	16	194	118	60
1992..	3	30	75	19	213	131	42
acres, 1997..	(D)	(D)	5 053	210	10 605	30 379	8 957
1992..	3	(D)	6 469	441	9 580	(D)	5 933
Corn for grain or seed ..... farms, 1997..	–	261	374	32	291	501	533
1992..	–	297	405	13	352	637	600
acres, 1997..	–	29 410	44 992	1 383	43 846	83 638	71 687
1992..	–	32 496	44 206	565	39 889	88 542	76 216
bushels, 1997..	–	2 873 526	5 832 241	96 529	5 012 867	9 823 560	6 883 919
1992..	–	3 414 675	5 006 719	40 818	4 388 800	10 169 971	7 916 918
Irrigated ..... farms, 1997..	–	10	13	–	18	86	34
1992..	–	9	11	–	18	101	29
acres, 1997..	–	533	1 124	–	4 440	19 725	5 676
1992..	–	961	770	–	4 124	17 459	4 627
1997 farms by acres harvested:							
1 to 24 acres	–	93	103	20	77	145	122
25 to 99 acres	–	87	134	10	106	173	227
100 to 249 acres	–	44	78	–	59	86	106
250 to 499 acres	–	24	46	2	29	53	53
500 acres or more	–	13	13	–	20	44	25
Wheat for grain ..... farms, 1997..	–	118	184	2	98	192	256
1992..	–	194	257	2	138	251	343
acres, 1997..	–	8 503	6 489	(D)	4 945	7 674	13 675
1992..	–	11 350	7 933	(D)	6 450	8 299	15 298
bushels, 1997..	–	470 784	432 136	(D)	250 823	381 062	638 998
1992..	–	507 060	469 875	(D)	250 899	330 489	655 728
Irrigated ..... farms, 1997..	–	1	1	–	1	2	–
1992..	–	1	1	–	1	–	–
acres, 1997..	–	(D)	(D)	–	(D)	(D)	–
1992..	–	(D)	(D)	–	(D)	–	–
1997 farms by acres harvested:							
1 to 24 acres	–	48	100	1	45	81	106
25 to 99 acres	–	42	70	–	39	91	113
100 to 249 acres	–	21	14	1	10	20	32
250 to 499 acres	–	5	–	–	4	–	4
500 acres or more	–	2	–	–	–	–	1
Soybeans for beans ..... farms, 1997..	–	157	397	–	303	391	459
1992..	–	172	379	–	350	478	415
acres, 1997..	–	20 905	35 768	–	41 765	52 500	48 722
1992..	–	18 961	24 413	–	29 518	39 046	31 856
bushels, 1997..	–	747 937	1 405 659	–	1 582 827	2 126 596	1 837 575
1992..	–	622 608	799 818	–	1 022 493	1 371 423	1 015 191
Irrigated ..... farms, 1997..	–	2	7	–	11	56	18
1992..	–	1	6	–	10	51	4
acres, 1997..	–	(D)	548	–	1 266	8 232	2 628
1992..	–	(D)	222	–	578	4 538	568
1997 farms by acres harvested:							
1 to 24 acres	–	27	95	–	73	93	106
25 to 99 acres	–	75	185	–	127	158	211
100 to 249 acres	–	32	93	–	59	76	92
250 to 499 acres	–	11	17	–	29	44	35
500 acres or more	–	12	7	–	15	20	15
Dry edible beans, excluding dry limas ..... farms, 1997..	–	1	266	–	–	3	2
1992..	–	1	406	–	–	5	3
acres, 1997..	–	(D)	33 331	–	–	215	(D)
1992..	–	(D)	36 161	–	–	303	46
cwt, 1997..	–	(D)	560 713	–	–	2 700	(D)
1992..	–	(D)	495 619	–	–	5 670	690
Irrigated ..... farms, 1997..	–	–	2	–	–	1	1
1992..	–	–	1	–	–	3	–
acres, 1997..	–	–	(D)	–	–	(D)	(D)
1992..	–	–	(D)	–	–	215	–
1997 farms by acres harvested:							
1 to 24 acres	–	–	64	–	–	–	–
25 to 99 acres	–	1	97	–	–	2	2
100 to 249 acres	–	–	67	–	–	1	–
250 to 499 acres	–	–	29	–	–	–	–
500 acres or more	–	–	9	–	–	–	–
Sugar beets for sugar ..... farms, 1997..	–	–	210	–	–	–	–
1992..	–	–	297	–	–	–	–
acres, 1997..	–	–	18 919	–	–	–	–
1992..	–	–	24 966	–	–	–	–
tons, 1997..	–	–	337 683	–	–	–	–
1992..	–	–	441 077	–	–	–	–
Irrigated ..... farms, 1997..	–	–	19	–	–	–	–
1992..	–	–	16	–	–	–	–
acres, 1997..	–	–	952	–	–	–	–
1992..	–	–	607	–	–	–	–
1997 farms by acres harvested:							
1 to 24 acres	–	–	46	–	–	–	–
25 to 99 acres	–	–	92	–	–	–	–
100 to 249 acres	–	–	60	–	–	–	–
250 to 499 acres	–	–	9	–	–	–	–
500 acres or more	–	–	3	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Harvested cropland	farms, 1997	602	153	189	291	274	967	19
	1992	652	162	149	296	245	1 139	12
	acres, 1997	123 647	12 162	17 564	45 562	26 481	188 811	436
	1992	121 753	13 417	14 470	39 361	24 789	193 259	(D)
Irrigated	farms, 1997	79	12	11	7	6	40	1
	1992	82	20	11	2	6	41	1
	acres, 1997	(D)	(D)	72	35	(D)	2 391	(D)
	1992	13 540	(D)	(D)	(D)	101	(D)	(D)
Corn for grain or seed	farms, 1997	352	34	15	1	57	545	3
	1992	408	25	16	5	55	645	–
	acres, 1997	63 940	1 812	482	(D)	3 509	57 880	33
	1992	66 426	1 355	458	70	3 594	57 269	–
	bushels, 1997	6 785 517	121 579	38 333	(D)	350 065	6 801 104	1 950
	1992	7 492 627	82 144	31 080	2 680	238 979	6 024 228	–
Irrigated	farms, 1997	37	–	–	–	–	3	–
	1992	45	–	1	–	1	7	–
	acres, 1997	10 114	–	–	–	–	(D)	–
	1992	8 838	–	(D)	–	(D)	922	–
1997 farms by acres harvested:								
1 to 24 acres		71	19	9	1	28	159	3
25 to 99 acres		123	8	4	–	18	227	–
100 to 249 acres		76	6	2	–	9	106	–
250 to 499 acres		50	1	–	–	1	34	–
500 acres or more		32	–	–	–	1	19	–
Wheat for grain	farms, 1997	98	6	9	2	42	420	1
	1992	144	4	12	16	53	634	–
	acres, 1997	4 565	171	138	(D)	1 250	20 203	(D)
	1992	6 010	89	359	199	1 572	27 419	–
	bushels, 1997	233 719	5 758	3 962	(D)	61 844	1 210 421	(D)
	1992	250 290	2 007	6 970	2 471	69 332	1 349 228	–
Irrigated	farms, 1997	2	–	–	–	–	1	–
	1992	1	–	–	–	–	5	–
	acres, 1997	(D)	–	–	–	–	(D)	–
	1992	(D)	–	–	–	–	104	–
1997 farms by acres harvested:								
1 to 24 acres		39	4	7	1	22	201	1
25 to 99 acres		45	2	2	1	19	171	–
100 to 249 acres		14	–	–	–	1	40	–
250 to 499 acres		–	–	–	–	–	5	–
500 acres or more		–	–	–	–	–	3	–
Soybeans for beans	farms, 1997	288	–	1	–	11	601	–
	1992	287	–	–	–	5	748	–
	acres, 1997	37 699	–	(D)	–	460	70 045	–
	1992	29 191	–	–	–	140	66 669	–
	bushels, 1997	1 391 697	–	(D)	–	12 215	2 614 109	–
	1992	969 970	–	–	–	1 142	2 082 181	–
Irrigated	farms, 1997	27	–	–	–	–	3	–
	1992	17	–	–	–	–	4	–
	acres, 1997	2 031	–	–	–	–	(D)	–
	1992	1 078	–	–	–	–	284	–
1997 farms by acres harvested:								
1 to 24 acres		54	–	1	–	4	123	–
25 to 99 acres		115	–	–	–	6	297	–
100 to 249 acres		71	–	–	–	1	119	–
250 to 499 acres		39	–	–	–	–	35	–
500 acres or more		9	–	–	–	–	27	–
Dry edible beans, excluding dry limas	farms, 1997	–	–	2	–	1	13	–
	1992	3	2	3	–	2	25	–
	acres, 1997	–	–	(D)	–	(D)	1 221	–
	1992	228	(D)	161	–	(D)	1 594	–
	cwt, 1997	–	–	(D)	–	(D)	17 114	–
	1992	6 240	(D)	528	–	(D)	21 101	–
Irrigated	farms, 1997	–	–	–	–	–	–	–
	1992	1	–	1	–	–	1	–
	acres, 1997	–	–	–	–	–	–	–
	1992	(D)	–	(D)	–	–	(D)	–
1997 farms by acres harvested:								
1 to 24 acres		–	–	1	–	1	3	–
25 to 99 acres		–	–	1	–	–	5	–
100 to 249 acres		–	–	–	–	–	4	–
250 to 499 acres		–	–	–	–	–	1	–
500 acres or more		–	–	–	–	–	–	–
Sugar beets for sugar	farms, 1997	–	1	–	–	–	1	–
	1992	–	–	–	–	–	1	–
	acres, 1997	–	(D)	–	–	–	(D)	–
	1992	–	–	–	–	–	(D)	–
	tons, 1997	–	(D)	–	–	–	(D)	–
	1992	–	–	–	–	–	(D)	–
Irrigated	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
1997 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		–	–	–	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop		Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Harvested cropland	farms, 1997	224	104	826	178	631	343	38
	1992	209	87	947	168	691	349	41
	acres, 1997	28 923	9 492	161 765	16 188	84 103	32 296	1 249
	1992	25 446	8 959	160 758	14 619	96 095	27 836	1 813
Irrigated	farms, 1997	16	10	34	25	46	9	1
	1992	19	11	34	13	51	13	2
	acres, 1997	903	377	1 030	360	(D)	(D)	(D)
	1992	(D)	664	774	263	1 289	(D)	(D)
Corn for grain or seed	farms, 1997	32	10	447	35	190	142	–
	1992	10	6	548	26	244	113	–
	acres, 1997	2 152	398	62 224	1 209	27 126	7 222	–
	1992	416	268	61 235	1 003	38 276	5 314	–
	bushels, 1997	170 250	32 691	7 066 301	82 815	2 753 644	712 171	–
	1992	40 570	13 220	6 507 646	58 488	3 293 655	391 377	–
Irrigated	farms, 1997	–	–	2	–	–	1	–
	1992	1	–	2	–	1	–	–
	acres, 1997	–	–	(D)	–	–	(D)	–
	1992	(D)	–	(D)	–	(D)	–	–
1997 farms by acres harvested:								
1 to 24 acres		11	7	111	21	70	90	–
25 to 99 acres		16	2	180	11	61	35	–
100 to 249 acres		3	1	87	3	29	10	–
250 to 499 acres		2	–	40	–	14	5	–
500 acres or more		–	–	29	–	16	2	–
Wheat for grain	farms, 1997	5	–	264	5	134	64	–
	1992	15	–	403	8	218	100	–
	acres, 1997	891	–	22 315	38	7 648	2 859	–
	1992	1 053	–	26 205	68	11 275	2 613	–
	bushels, 1997	29 134	–	1 304 944	1 347	421 823	136 749	–
	1992	36 832	–	1 347 536	2 160	486 231	108 936	–
Irrigated	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	2	–	–
	acres, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	(D)	–	–
1997 farms by acres harvested:								
1 to 24 acres		–	–	74	5	60	42	–
25 to 99 acres		1	–	123	–	53	18	–
100 to 249 acres		3	–	43	–	15	1	–
250 to 499 acres		1	–	20	–	5	2	–
500 acres or more		–	–	4	–	1	1	–
Soybeans for beans	farms, 1997	3	–	380	–	212	24	–
	1992	2	–	451	–	263	27	–
	acres, 1997	590	–	55 355	–	32 355	1 415	–
	1992	(D)	–	46 778	–	28 930	908	–
	bushels, 1997	13 520	–	2 073 950	–	1 021 645	44 839	–
	1992	(D)	–	1 517 660	–	709 072	20 767	–
Irrigated	farms, 1997	–	–	1	–	–	–	–
	1992	–	–	3	–	3	1	–
	acres, 1997	–	–	(D)	–	–	–	–
	1992	–	–	181	–	30	(D)	–
1997 farms by acres harvested:								
1 to 24 acres		–	–	86	–	55	8	–
25 to 99 acres		–	–	149	–	80	12	–
100 to 249 acres		3	–	83	–	38	3	–
250 to 499 acres		–	–	35	–	22	1	–
500 acres or more		–	–	27	–	17	–	–
Dry edible beans, excluding dry limas	farms, 1997	6	–	19	–	7	17	–
	1992	10	–	71	–	7	20	–
	acres, 1997	1 062	–	1 473	–	861	1 761	–
	1992	1 263	–	5 477	–	145	2 147	–
	cwt, 1997	11 290	–	16 050	–	11 260	25 726	–
	1992	12 143	–	65 896	–	1 817	20 505	–
Irrigated	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres		–	–	5	–	2	2	–
25 to 99 acres		1	–	9	–	2	5	–
100 to 249 acres		5	–	4	–	2	9	–
250 to 499 acres		–	–	1	–	1	1	–
500 acres or more		–	–	–	–	–	–	–
Sugar beets for sugar	farms, 1997	1	–	–	–	4	12	–
	1992	–	–	–	–	4	9	–
	acres, 1997	(D)	–	–	–	456	1 583	–
	1992	–	–	–	–	609	700	–
	tons, 1997	(D)	–	–	–	9 279	25 117	–
	1992	–	–	–	–	7 584	11 947	–
Irrigated	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres		1	–	–	–	–	–	–
25 to 99 acres		–	–	–	–	2	5	–
100 to 249 acres		–	–	–	–	2	6	–
250 to 499 acres		–	–	–	–	–	1	–
500 acres or more		–	–	–	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Harvested cropland ..... farms, 1997..	357	715	807	107	967	692	815	192
1992..	366	849	891	120	1 212	733	912	178
acres, 1997..	32 745	226 252	168 425	8 075	355 965	143 455	173 040	18 674
1992..	31 485	221 911	152 548	9 024	361 920	130 471	176 767	18 126
Irrigated ..... farms, 1997..	65	28	31	18	28	33	27	10
1992..	85	39	39	18	33	23	39	7
acres, 1997..	1 912	(D)	(D)	76	(D)	(D)	2 135	697
1992..	(D)	(D)	(D)	64	1 627	(D)	(D)	(D)
Corn for grain or seed ..... farms, 1997..	81	494	490	4	699	296	521	49
1992..	63	586	617	3	870	370	589	50
acres, 1997..	7 039	76 573	67 985	43	109 087	49 310	63 232	2 837
1992..	4 150	77 436	73 169	(D)	116 864	53 624	65 062	2 572
bushels, 1997..	561 091	9 491 547	7 580 871	(D)	13 655 552	5 403 825	7 370 009	260 653
1992..	271 178	8 613 615	7 784 467	(D)	11 410 473	5 196 447	6 517 685	128 216
Irrigated ..... farms, 1997..	1	7	15	–	10	3	7	3
1992..	–	18	17	–	14	2	14	–
acres, 1997..	(D)	990	2 566	–	1 095	70	1 508	63
1992..	–	1 198	2 344	–	676	(D)	2 230	–
1997 farms by acres harvested:								
1 to 24 acres	37	119	140	4	102	84	157	19
25 to 99 acres	25	171	184	–	268	97	196	20
100 to 249 acres	11	111	78	–	212	71	103	7
250 to 499 acres	5	58	57	–	72	24	43	3
500 acres or more	3	35	31	–	45	20	22	–
Wheat for grain ..... farms, 1997..	43	228	273	–	491	213	324	22
1992..	43	356	310	1	827	265	449	35
acres, 1997..	1 876	11 907	14 179	–	30 967	18 481	20 852	905
1992..	2 213	16 131	10 527	(D)	47 761	17 891	25 347	832
bushels, 1997..	69 771	754 464	771 233	–	2 058 462	1 056 354	1 161 818	60 386
1992..	75 136	819 906	424 493	(D)	3 159 791	847 122	1 226 480	50 068
Irrigated ..... farms, 1997..	–	1	–	–	2	–	–	–
1992..	–	6	–	–	3	2	1	–
acres, 1997..	–	(D)	–	–	(D)	–	–	–
1992..	–	230	–	–	128	(D)	(D)	–
1997 farms by acres harvested:								
1 to 24 acres	20	84	133	–	141	67	137	8
25 to 99 acres	19	110	100	–	252	99	139	13
100 to 249 acres	3	28	33	–	80	31	36	1
250 to 499 acres	1	6	5	–	18	10	8	–
500 acres or more	–	–	2	–	–	6	4	–
Soybeans for beans ..... farms, 1997..	9	494	461	–	356	305	375	17
1992..	1	591	489	–	212	279	425	8
acres, 1997..	338	77 248	62 120	–	35 377	48 705	49 949	801
1992..	(D)	63 812	43 000	–	12 161	30 880	41 825	232
bushels, 1997..	6 852	2 947 133	2 384 960	–	1 225 714	1 755 431	1 988 723	26 776
1992..	(D)	1 966 680	1 437 546	–	337 460	1 078 774	1 309 692	2 876
Irrigated ..... farms, 1997..	–	1	13	–	1	2	1	–
1992..	–	2	5	–	–	1	7	–
acres, 1997..	–	(D)	1 352	–	(D)	(D)	(D)	–
1992..	–	(D)	263	–	–	(D)	349	–
1997 farms by acres harvested:								
1 to 24 acres	4	76	115	–	76	61	81	6
25 to 99 acres	4	199	191	–	192	125	171	8
100 to 249 acres	1	123	76	–	60	69	68	3
250 to 499 acres	–	66	49	–	16	30	34	–
500 acres or more	–	30	30	–	12	20	21	–
Dry edible beans, excluding dry limas ..... farms, 1997..	3	137	–	2	577	4	7	1
1992..	–	245	4	–	793	7	44	8
acres, 1997..	(D)	20 712	–	(D)	91 450	(D)	1 021	(D)
1992..	–	25 583	90	–	90 835	191	6 681	178
cwt, 1997..	(D)	311 063	–	(D)	1 539 326	(D)	14 523	(D)
1992..	–	355 538	1 950	–	1 183 278	2 706	53 063	1 785
Irrigated ..... farms, 1997..	1	3	–	2	5	–	1	–
1992..	–	9	–	–	8	1	4	–
acres, 1997..	(D)	149	–	(D)	343	–	(D)	–
1992..	–	554	–	–	337	(D)	417	–
1997 farms by acres harvested:								
1 to 24 acres	2	26	–	2	58	3	1	1
25 to 99 acres	1	49	–	–	231	–	4	–
100 to 249 acres	–	35	–	–	165	1	–	–
250 to 499 acres	–	16	–	–	94	–	2	–
500 acres or more	–	11	–	–	29	–	–	–
Sugar beets for sugar ..... farms, 1997..	–	70	1	–	315	4	–	2
1992..	–	110	–	–	353	1	–	2
acres, 1997..	–	16 375	(D)	–	45 802	12	–	(D)
1992..	–	17 894	–	–	36 319	(D)	–	(D)
tons, 1997..	–	301 969	(D)	–	904 144	256	–	(D)
1992..	–	327 648	–	–	659 827	(D)	–	(D)
Irrigated ..... farms, 1997..	–	1	–	–	5	1	–	–
1992..	–	1	–	–	5	–	–	–
acres, 1997..	–	(D)	–	–	291	(D)	–	–
1992..	–	(D)	–	–	172	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	–	6	1	–	42	4	–	1
25 to 99 acres	–	21	–	–	126	–	–	1
100 to 249 acres	–	17	–	–	92	–	–	–
250 to 499 acres	–	17	–	–	43	–	–	–
500 acres or more	–	9	–	–	12	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop		Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Harvested cropland	farms, 1997	72	752	797	585	114	934	5	99
	1992	70	795	875	643	63	1 046	1	82
	acres, 1997	7 566	147 697	119 144	107 349	9 351	127 476	50	8 451
	1992	6 624	130 232	121 763	103 946	5 923	119 403	(D)	5 321
Irrigated	farms, 1997	7	23	57	140	12	126	–	3
	1992	4	22	44	156	4	161	–	–
	acres, 1997	(D)	1 252	(D)	17 945	(D)	(D)	–	(D)
	1992	(D)	(D)	(D)	20 316	(D)	8 918	–	–
Corn for grain or seed	farms, 1997	1	381	440	272	23	373	–	16
	1992	–	404	525	299	12	404	–	9
	acres, 1997	(D)	42 012	53 883	49 764	1 099	42 188	–	319
	1992	–	39 901	64 462	50 030	562	39 798	–	186
	bushels, 1997	(D)	4 320 231	5 202 067	5 375 459	103 904	4 550 863	–	22 870
	1992	–	3 331 947	6 556 021	5 603 069	41 240	3 271 022	–	8 880
Irrigated	farms, 1997	–	5	12	53	5	9	–	–
	1992	–	6	14	49	1	14	–	–
	acres, 1997	–	335	2 144	12 260	563	1 756	–	–
	1992	–	519	4 419	13 438	(D)	1 780	–	–
1997 farms by acres harvested:									
1 to 24 acres		–	101	130	75	12	129	–	14
25 to 99 acres		1	152	164	89	8	136	–	1
100 to 249 acres		–	82	103	48	2	66	–	1
250 to 499 acres		–	37	24	32	1	24	–	–
500 acres or more		–	9	19	28	–	18	–	–
Wheat for grain	farms, 1997	2	228	193	106	4	155	–	5
	1992	3	299	272	155	3	206	–	3
	acres, 1997	(D)	11 156	9 598	7 422	(D)	6 918	–	68
	1992	208	11 929	11 228	8 747	(D)	7 744	–	27
	bushels, 1997	(D)	573 483	464 683	364 480	(D)	361 368	–	3 850
	1992	5 840	565 060	501 873	363 044	(D)	318 398	–	(D)
Irrigated	farms, 1997	–	1	–	1	2	–	–	–
	1992	–	4	1	3	–	3	–	–
	acres, 1997	–	(D)	–	(D)	(D)	–	–	–
	1992	–	234	(D)	128	–	420	–	–
1997 farms by acres harvested:									
1 to 24 acres		–	104	82	32	2	66	–	4
25 to 99 acres		2	98	93	50	–	74	–	1
100 to 249 acres		–	22	13	21	–	13	–	–
250 to 499 acres		–	3	4	2	2	1	–	–
500 acres or more		–	1	1	1	–	1	–	–
Soybeans for beans	farms, 1997	–	289	231	229	–	123	–	–
	1992	–	244	196	240	–	85	–	1
	acres, 1997	–	32 446	26 859	32 025	–	14 120	–	–
	1992	–	19 338	13 705	24 707	–	5 743	–	(D)
	bushels, 1997	–	1 122 410	930 885	1 208 891	–	526 560	–	–
	1992	–	510 835	454 995	821 152	–	163 833	–	(D)
Irrigated	farms, 1997	–	–	7	26	–	–	–	–
	1992	–	2	3	27	–	1	–	–
	acres, 1997	–	–	753	3 141	–	–	–	–
	1992	–	(D)	440	2 473	–	(D)	–	–
1997 farms by acres harvested:									
1 to 24 acres		–	57	54	49	–	28	–	–
25 to 99 acres		–	137	117	76	–	50	–	–
100 to 249 acres		–	61	36	63	–	28	–	–
250 to 499 acres		–	26	8	31	–	13	–	–
500 acres or more		–	8	16	10	–	4	–	–
Dry edible beans, excluding dry limas	farms, 1997	–	74	1	4	2	17	–	–
	1992	–	100	1	1	–	18	–	–
	acres, 1997	–	7 920	(D)	484	(D)	2 876	–	–
	1992	–	5 849	(D)	(D)	–	2 243	–	–
	cwt, 1997	–	109 863	(D)	6 026	(D)	50 270	–	–
	1992	–	76 528	(D)	(D)	–	32 961	–	–
Irrigated	farms, 1997	–	3	–	3	1	4	–	–
	1992	–	6	–	–	–	6	–	–
	acres, 1997	–	260	–	430	(D)	341	–	–
	1992	–	389	–	–	–	707	–	–
1997 farms by acres harvested:									
1 to 24 acres		–	13	1	–	1	2	–	–
25 to 99 acres		–	36	–	2	–	10	–	–
100 to 249 acres		–	16	–	2	1	2	–	–
250 to 499 acres		–	8	–	–	–	1	–	–
500 acres or more		–	1	–	–	–	2	–	–
Sugar beets for sugar	farms, 1997	–	11	–	–	1	–	–	–
	1992	–	12	–	–	–	–	–	–
	acres, 1997	–	3 753	–	–	(D)	–	–	–
	1992	–	1 510	–	–	–	–	–	–
	tons, 1997	–	63 325	–	–	(D)	–	–	–
	1992	–	20 268	–	–	–	–	–	–
Irrigated	farms, 1997	–	1	–	–	–	–	–	–
	1992	–	1	–	–	–	–	–	–
	acres, 1997	–	(D)	–	–	–	–	–	–
	1992	–	(D)	–	–	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		–	–	–	–	1	–	–	–
25 to 99 acres		–	2	–	–	–	–	–	–
100 to 249 acres		–	1	–	–	–	–	–	–
250 to 499 acres		–	6	–	–	–	–	–	–
500 acres or more		–	2	–	–	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop		Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Harvested cropland	farms, 1997	835	340	991	483	30	63	446	258
	1992	970	351	1 119	561	28	63	507	233
	acres, 1997	119 906	28 007	275 112	64 554	3 972	8 718	50 551	18 866
	1992	122 007	29 666	276 557	71 876	3 224	10 512	52 420	16 151
Irrigated	farms, 1997	57	75	50	47	8	3	93	37
	1992	55	68	37	50	4	4	99	44
	acres, 1997	2 293	(D)	2 667	1 498	(D)	(D)	(D)	(D)
	1992	(D)	(D)	(D)	1 481	8	(D)	(D)	(D)
Corn for grain or seed	farms, 1997	316	47	631	164	4	1	127	50
	1992	425	62	752	222	–	2	163	39
	acres, 1997	40 124	3 826	92 720	23 948	41	(D)	11 379	1 519
	1992	47 862	3 116	106 695	30 362	–	(D)	15 490	692
	bushels, 1997	4 256 713	349 863	11 718 484	2 430 321	4 270	(D)	1 241 058	117 319
	1992	4 321 823	232 992	12 934 524	2 888 002	–	(D)	1 588 900	51 179
Irrigated	farms, 1997	5	–	10	2	–	–	1	6
	1992	2	–	7	1	–	–	1	2
	acres, 1997	204	–	820	(D)	–	–	(D)	143
	1992	(D)	–	1 316	(D)	–	–	(D)	(D)
1997 farms by acres harvested:									
1 to 24 acres		101	18	144	44	4	1	43	40
25 to 99 acres		127	21	223	63	–	–	55	5
100 to 249 acres		47	5	136	33	–	–	19	4
250 to 499 acres		21	–	91	10	–	–	7	1
500 acres or more		20	3	37	14	–	–	3	–
Wheat for grain	farms, 1997	191	12	484	99	–	6	114	5
	1992	273	12	528	147	1	7	125	14
	acres, 1997	7 929	275	35 396	6 184	–	77	4 342	500
	1992	10 589	210	32 062	7 055	(D)	350	4 377	214
	bushels, 1997	419 911	8 476	2 308 403	292 915	–	3 096	222 756	20 060
	1992	498 395	7 493	1 675 120	319 971	(D)	18 400	234 609	9 102
Irrigated	farms, 1997	1	–	1	–	–	–	–	1
	1992	–	–	–	–	–	–	–	–
	acres, 1997	(D)	–	(D)	–	–	–	–	(D)
	1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		103	9	147	42	–	6	57	2
25 to 99 acres		61	3	221	40	–	–	47	2
100 to 249 acres		27	–	91	14	–	–	9	–
250 to 499 acres		–	–	21	2	–	–	1	1
500 acres or more		–	–	4	1	–	–	–	–
Soybeans for beans	farms, 1997	207	–	692	112	–	1	172	1
	1992	187	3	792	105	–	–	189	–
	acres, 1997	28 400	–	124 489	13 693	–	(D)	23 844	(D)
	1992	13 427	(D)	111 836	9 544	–	–	19 118	–
	bushels, 1997	940 492	–	5 141 670	504 644	–	(D)	808 061	(D)
	1992	375 257	(D)	4 085 280	270 652	–	–	569 515	–
Irrigated	farms, 1997	2	–	7	–	–	–	1	–
	1992	1	–	1	1	–	–	1	–
	acres, 1997	(D)	–	405	–	–	–	(D)	–
	1992	(D)	–	(D)	(D)	–	–	(D)	–
1997 farms by acres harvested:									
1 to 24 acres		40	–	90	24	–	–	35	1
25 to 99 acres		93	–	280	51	–	1	66	–
100 to 249 acres		42	–	149	24	–	–	44	–
250 to 499 acres		18	–	113	8	–	–	19	–
500 acres or more		14	–	60	5	–	–	8	–
Dry edible beans, excluding dry limas	farms, 1997	20	–	4	1	–	1	–	4
	1992	31	–	5	–	–	1	8	4
	acres, 1997	2 863	–	217	(D)	–	(D)	–	956
	1992	5 796	–	222	–	–	(D)	453	958
	cwt, 1997	87 742	–	3 916	(D)	–	(D)	–	15 895
	1992	67 639	–	4 045	–	–	(D)	3 553	13 668
Irrigated	farms, 1997	–	–	–	–	–	–	–	4
	1992	2	–	–	–	–	–	–	3
	acres, 1997	–	–	–	–	–	–	–	856
	1992	(D)	–	–	–	–	–	–	820
1997 farms by acres harvested:									
1 to 24 acres		6	–	1	–	–	–	–	–
25 to 99 acres		3	–	3	–	–	1	–	–
100 to 249 acres		7	–	–	1	–	–	–	2
250 to 499 acres		2	–	–	–	–	–	–	2
500 acres or more		2	–	–	–	–	–	–	–
Sugar beets for sugar	farms, 1997	2	–	20	–	–	–	2	–
	1992	2	–	41	–	–	–	–	–
	acres, 1997	(D)	–	1 833	–	–	–	(D)	–
	1992	(D)	–	3 433	–	–	–	–	–
	tons, 1997	(D)	–	33 708	–	–	–	(D)	–
	1992	(D)	–	55 017	–	–	–	–	–
Irrigated	farms, 1997	–	–	1	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
	acres, 1997	–	–	(D)	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		2	–	2	–	–	–	2	–
25 to 99 acres		–	–	12	–	–	–	–	–
100 to 249 acres		–	–	5	–	–	–	–	–
250 to 499 acres		–	–	1	–	–	–	–	–
500 acres or more		–	–	–	–	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Harvested cropland ..... farms, 1997..	76	365	488	312	335	299	926	786
1992..	68	357	512	283	372	254	1 025	800
acres, 1997..	7 616	44 358	57 535	49 565	54 793	54 266	188 144	159 105
1992..	6 251	39 587	59 412	46 486	62 069	50 076	189 620	140 805
Irrigated ..... farms, 1997..	4	53	33	6	15	21	75	104
1992..	2	56	35	6	13	18	63	116
acres, 1997..	29	3 146	(D)	100	(D)	(D)	5 027	(D)
1992..	(D)	3 344	(D)	14	(D)	1 768	(D)	(D)
Corn for grain or seed ..... farms, 1997..	1	123	181	74	173	72	489	419
1992..	2	113	195	54	194	45	568	455
acres, 1997..	(D)	10 058	12 061	6 763	20 477	6 418	59 851	52 909
1992..	(D)	7 429	10 693	3 308	22 700	3 848	63 059	42 669
bushels, 1997..	(D)	943 540	1 105 855	544 167	2 249 613	643 890	7 843 209	5 920 893
1992..	(D)	511 387	708 206	176 394	2 274 757	269 751	7 683 104	3 597 876
Irrigated ..... farms, 1997..	–	10	11	–	3	6	7	57
1992..	–	6	10	–	4	6	4	69
acres, 1997..	–	1 040	2 297	–	258	480	1 549	12 141
1992..	–	607	1 500	–	520	361	630	9 964
1997 farms by acres harvested:								
1 to 24 acres	1	46	98	23	51	10	133	129
25 to 99 acres	–	46	50	29	66	35	194	144
100 to 249 acres	–	21	22	17	40	23	87	89
250 to 499 acres	–	9	9	3	9	4	50	31
500 acres or more	–	1	2	2	7	–	25	26
Wheat for grain ..... farms, 1997..	1	96	58	2	52	27	408	160
1992..	–	75	88	9	92	28	418	260
acres, 1997..	(D)	4 284	1 409	(D)	1 899	771	25 646	14 383
1992..	–	2 820	2 298	172	3 060	544	20 039	15 885
bushels, 1997..	(D)	222 836	61 037	(D)	117 079	42 958	1 630 969	678 115
1992..	–	110 011	82 623	4 155	165 075	22 275	1 107 043	660 874
Irrigated ..... farms, 1997..	–	1	2	–	–	–	–	23
1992..	–	1	2	–	–	–	3	22
acres, 1997..	–	(D)	(D)	–	–	–	–	5 033
1992..	–	(D)	(D)	–	–	–	58	2 562
1997 farms by acres harvested:								
1 to 24 acres	1	47	40	–	23	12	146	59
25 to 99 acres	–	40	16	2	25	15	184	61
100 to 249 acres	–	7	2	–	4	–	63	27
250 to 499 acres	–	2	–	–	–	–	14	10
500 acres or more	–	–	–	–	–	–	1	3
Soybeans for beans ..... farms, 1997..	2	22	4	4	152	1	639	118
1992..	–	14	6	3	179	–	755	119
acres, 1997..	(D)	1 090	152	104	16 244	(D)	91 890	14 081
1992..	–	591	167	86	18 268	–	92 322	10 636
bushels, 1997..	(D)	36 515	(D)	3 120	619 812	(D)	3 563 077	496 302
1992..	–	11 723	2 812	1 460	575 143	–	3 007 179	244 605
Irrigated ..... farms, 1997..	–	1	–	–	–	–	2	12
1992..	–	3	2	–	1	–	5	6
acres, 1997..	–	(D)	–	–	–	–	(D)	1 360
1992..	–	70	(D)	–	(D)	–	95	199
1997 farms by acres harvested:								
1 to 24 acres	–	10	3	3	34	–	129	20
25 to 99 acres	2	8	–	1	61	1	246	52
100 to 249 acres	–	4	1	–	43	–	155	32
250 to 499 acres	–	–	–	–	11	–	72	11
500 acres or more	–	–	–	–	3	–	37	3
Dry edible beans, excluding dry limas ..... farms, 1997..	–	2	14	1	40	3	4	119
1992..	–	5	19	–	73	–	10	132
acres, 1997..	–	(D)	2 406	(D)	4 892	(D)	300	17 675
1992..	–	232	2 329	–	6 371	–	416	17 256
cwt, 1997..	–	(D)	38 395	(D)	82 263	(D)	3 884	273 964
1992..	–	2 204	25 529	–	82 754	–	7 831	210 883
Irrigated ..... farms, 1997..	–	–	6	–	2	1	–	28
1992..	–	–	8	–	–	–	–	49
acres, 1997..	–	–	1 166	–	(D)	(D)	–	5 694
1992..	–	–	604	–	–	–	–	7 450
1997 farms by acres harvested:								
1 to 24 acres	–	–	5	–	11	2	1	27
25 to 99 acres	–	2	–	1	17	–	2	50
100 to 249 acres	–	–	6	–	6	1	1	15
250 to 499 acres	–	–	1	–	4	–	–	20
500 acres or more	–	–	2	–	2	–	–	7
Sugar beets for sugar ..... farms, 1997..	–	–	3	–	24	–	6	5
1992..	–	–	1	–	30	1	36	7
acres, 1997..	–	–	(D)	–	3 516	–	278	486
1992..	–	–	(D)	–	5 356	(D)	2 833	312
tons, 1997..	–	–	(D)	–	58 506	–	4 787	8 070
1992..	–	–	(D)	–	88 811	(D)	37 521	4 356
Irrigated ..... farms, 1997..	–	–	1	–	–	–	–	2
1992..	–	–	–	–	1	–	–	–
acres, 1997..	–	–	(D)	–	–	–	–	(D)
1992..	–	–	–	–	(D)	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	–	–	2	–	3	–	1	1
25 to 99 acres	–	–	1	–	13	–	5	1
100 to 249 acres	–	–	–	–	4	–	–	3
250 to 499 acres	–	–	–	–	1	–	–	–
500 acres or more	–	–	–	–	3	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Harvested cropland ..... farms, 1997..	82	333	579	333	523	230	86	423
1992..	96	354	590	344	549	236	91	415
acres, 1997..	9 864	46 071	70 695	24 121	67 165	40 469	11 387	51 420
1992..	8 654	43 768	62 072	25 837	62 665	40 209	10 842	48 874
Irrigated ..... farms, 1997..	3	53	50	75	45	5	–	16
1992..	5	56	54	82	56	9	1	12
acres, 1997..	(D)	(D)	(D)	(D)	(D)	(D)	–	(D)
1992..	(D)	7 893	5 215	968	4 324	128	(D)	1 343
Corn for grain or seed ..... farms, 1997..	13	128	259	54	171	79	–	74
1992..	14	136	230	70	146	65	–	40
acres, 1997..	1 569	14 635	22 778	7 073	10 646	6 706	–	4 111
1992..	659	14 772	13 670	11 153	8 373	6 254	–	2 590
bushels, 1997..	151 095	1 500 850	2 354 588	654 155	941 491	680 743	–	389 483
1992..	32 866	862 248	906 164	1 051 553	615 110	385 200	–	162 594
Irrigated ..... farms, 1997..	–	7	10	1	6	1	–	5
1992..	–	5	4	–	13	2	–	2
acres, 1997..	–	3 214	1 178	(D)	506	(D)	–	280
1992..	–	(D)	(D)	–	826	(D)	–	(D)
1997 farms by acres harvested:								
1 to 24 acres	–	52	89	19	75	31	–	40
25 to 99 acres	7	41	101	19	64	21	–	19
100 to 249 acres	5	17	44	8	24	22	–	11
250 to 499 acres	1	13	19	4	7	4	–	4
500 acres or more	–	5	6	4	1	1	–	–
Wheat for grain ..... farms, 1997..	15	41	73	32	58	27	1	21
1992..	21	53	77	35	55	48	1	30
acres, 1997..	710	1 893	1 802	2 500	1 840	1 570	(D)	497
1992..	717	1 484	1 693	2 270	1 532	2 032	(D)	497
bushels, 1997..	32 061	97 580	83 684	112 663	90 093	99 852	(D)	23 135
1992..	33 418	63 419	67 316	111 397	62 376	107 370	(D)	15 398
Irrigated ..... farms, 1997..	–	1	–	–	2	–	–	1
1992..	–	–	–	–	1	–	–	1
acres, 1997..	–	(D)	–	–	(D)	–	–	(D)
1992..	–	–	–	–	(D)	–	–	(D)
1997 farms by acres harvested:								
1 to 24 acres	6	21	50	9	31	12	–	13
25 to 99 acres	7	15	23	16	24	11	1	8
100 to 249 acres	1	4	–	4	3	3	–	–
250 to 499 acres	1	1	–	3	–	1	–	–
500 acres or more	–	–	–	–	–	–	–	–
Soybeans for beans ..... farms, 1997..	5	23	33	25	14	4	–	2
1992..	1	16	7	16	10	–	–	4
acres, 1997..	111	3 453	1 604	4 432	803	308	–	(D)
1992..	(D)	2 549	350	1 535	323	–	–	105
bushels, 1997..	3 460	112 720	52 597	138 161	20 162	3 800	–	(D)
1992..	(D)	43 159	5 438	49 470	5 445	–	–	3 527
Irrigated ..... farms, 1997..	–	1	1	–	–	–	–	–
1992..	–	1	–	–	2	–	–	–
acres, 1997..	–	(D)	(D)	–	–	–	–	–
1992..	–	(D)	–	–	(D)	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	2	5	15	3	2	2	–	–
25 to 99 acres	3	10	13	10	10	1	–	2
100 to 249 acres	–	7	5	7	2	–	–	–
250 to 499 acres	–	–	–	–	–	1	–	–
500 acres or more	–	1	–	5	–	–	–	–
Dry edible beans, excluding dry limas ..... farms, 1997..	5	–	2	1	4	–	–	–
1992..	2	–	3	–	3	1	–	–
acres, 1997..	471	–	(D)	(D)	255	–	–	–
1992..	(D)	–	(D)	–	196	(D)	–	–
cwt, 1997..	4 870	–	(D)	(D)	(D)	–	–	–
1992..	(D)	–	(D)	–	(D)	(D)	–	–
Irrigated ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	1	–	–	–
acres, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	(D)	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	1	–	–	1	2	–	–	–
25 to 99 acres	1	–	2	–	1	–	–	–
100 to 249 acres	3	–	–	–	1	–	–	–
250 to 499 acres	–	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–	–
Sugar beets for sugar ..... farms, 1997..	2	–	–	–	–	2	–	–
1992..	–	–	–	–	–	1	–	–
acres, 1997..	(D)	–	–	–	–	(D)	–	–
1992..	–	–	–	–	–	(D)	–	–
tons, 1997..	(D)	–	–	–	–	(D)	–	–
1992..	–	–	–	–	–	(D)	–	–
Irrigated ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
acres, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	1	–	–	–	–	–	–	–
25 to 99 acres	1	–	–	–	–	1	–	–
100 to 249 acres	–	–	–	–	–	–	–	–
250 to 499 acres	–	–	–	–	–	1	–	–
500 acres or more	–	–	–	–	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Harvested cropland ..... farms, 1997..	66	113	1 096	265	27	1 036	809	664
1992..	66	111	1 220	256	26	1 231	883	744
acres, 1997..	5 110	12 215	119 789	38 626	1 880	257 817	118 551	170 772
1992..	5 505	11 638	112 242	33 261	1 790	273 755	126 028	175 391
Irrigated ..... farms, 1997..	5	8	319	22	4	41	45	223
1992..	1	4	296	23	2	38	36	239
acres, 1997..	10	723	14 779	3 096	182	2 919	(D)	(D)
1992..	(D)	(D)	13 592	1 894	(D)	1 619	(D)	84 935
Corn for grain or seed ..... farms, 1997..	8	19	410	76	–	671	242	479
1992..	2	11	525	39	1	771	301	564
acres, 1997..	388	563	42 224	4 985	–	82 406	18 226	94 519
1992..	(D)	332	42 362	2 430	(D)	80 104	31 499	107 668
bushels, 1997..	27 615	37 327	4 862 900	417 090	–	9 886 948	1 881 850	11 840 274
1992..	(D)	27 687	3 724 693	175 577	(D)	8 858 816	2 717 951	12 512 015
Irrigated ..... farms, 1997..	–	–	21	6	–	10	1	177
1992..	–	–	23	1	–	6	1	202
acres, 1997..	–	–	2 115	595	–	1 588	(D)	58 764
1992..	–	–	1 873	(D)	–	870	(D)	64 142
1997 farms by acres harvested:								
1 to 24 acres	5	14	142	40	–	168	93	122
25 to 99 acres	2	3	146	17	–	283	93	182
100 to 249 acres	1	2	80	15	–	123	36	64
250 to 499 acres	–	–	27	4	–	70	18	56
500 acres or more	–	–	15	–	–	27	2	55
Wheat for grain ..... farms, 1997..	2	13	199	32	–	375	231	72
1992..	–	13	206	39	1	569	364	115
acres, 1997..	(D)	289	6 118	1 611	–	17 280	11 136	2 402
1992..	–	243	4 863	1 253	(D)	24 771	16 543	3 755
bushels, 1997..	(D)	8 695	318 173	58 179	–	1 093 064	568 561	119 090
1992..	–	5 076	206 383	40 236	(D)	1 404 450	806 416	137 120
Irrigated ..... farms, 1997..	–	–	–	1	–	1	–	3
1992..	–	–	–	1	–	–	1	4
acres, 1997..	–	–	–	(D)	–	(D)	–	118
1992..	–	–	–	(D)	–	–	(D)	172
1997 farms by acres harvested:								
1 to 24 acres	2	9	124	20	–	187	107	43
25 to 99 acres	–	4	62	5	–	143	96	24
100 to 249 acres	–	–	13	5	–	39	21	5
250 to 499 acres	–	–	–	2	–	6	5	–
500 acres or more	–	–	–	–	–	–	2	–
Soybeans for beans ..... farms, 1997..	–	3	132	8	–	777	386	345
1992..	–	–	34	2	–	961	417	407
acres, 1997..	–	19	9 232	653	–	110 723	64 317	47 485
1992..	–	–	1 289	(D)	–	121 932	50 223	40 819
bushels, 1997..	–	155	369 525	19 357	–	3 836 000	2 117 505	1 912 228
1992..	–	–	36 483	(D)	–	3 715 603	1 383 405	1 449 697
Irrigated ..... farms, 1997..	–	–	2	1	–	2	1	129
1992..	–	–	1	–	–	4	1	128
acres, 1997..	–	–	(D)	(D)	–	(D)	(D)	17 964
1992..	–	–	(D)	–	–	105	(D)	11 293
1997 farms by acres harvested:								
1 to 24 acres	–	3	49	1	–	144	74	65
25 to 99 acres	–	–	55	6	–	340	150	142
100 to 249 acres	–	–	21	–	–	162	94	76
250 to 499 acres	–	–	5	1	–	82	35	44
500 acres or more	–	–	2	–	–	49	33	18
Dry edible beans, excluding dry limas ..... farms, 1997..	–	1	2	28	–	153	7	1
1992..	–	1	–	41	–	221	6	22
acres, 1997..	–	(D)	(D)	2 737	–	15 606	1 094	(D)
1992..	–	(D)	–	3 576	–	15 293	384	2 212
cwt, 1997..	–	(D)	(D)	30 688	–	266 520	(D)	(D)
1992..	–	(D)	–	18 930	–	236 889	4 340	37 523
Irrigated ..... farms, 1997..	–	1	–	6	–	1	1	–
1992..	–	–	–	6	–	–	–	15
acres, 1997..	–	(D)	–	695	–	(D)	(D)	–
1992..	–	–	–	440	–	–	–	1 573
1997 farms by acres harvested:								
1 to 24 acres	–	–	2	6	–	34	3	–
25 to 99 acres	–	–	–	13	–	69	2	–
100 to 249 acres	–	1	–	5	–	35	1	1
250 to 499 acres	–	–	–	4	–	12	–	–
500 acres or more	–	–	–	–	–	3	1	–
Sugar beets for sugar ..... farms, 1997..	–	–	–	1	–	161	8	–
1992..	–	–	–	–	–	201	9	–
acres, 1997..	–	–	–	(D)	–	18 234	1 543	–
1992..	–	–	–	–	–	20 782	1 395	–
tons, 1997..	–	–	–	(D)	–	345 003	27 496	–
1992..	–	–	–	–	–	357 744	20 388	–
Irrigated ..... farms, 1997..	–	–	–	–	–	2	–	–
1992..	–	–	–	–	–	4	–	–
acres, 1997..	–	–	–	–	–	(D)	–	–
1992..	–	–	–	–	–	226	–	–
1997 farms by acres harvested:								
1 to 24 acres	–	–	–	–	–	20	1	–
25 to 99 acres	–	–	–	–	–	74	–	–
100 to 249 acres	–	–	–	1	–	52	5	–
250 to 499 acres	–	–	–	–	–	13	1	–
500 acres or more	–	–	–	–	–	2	1	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop		Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Harvested cropland	farms, 1997	1 182	38	800	948	936	826	209	214
	1992	1 286	40	1 005	1 008	1 064	904	243	144
	acres, 1997	334 433	5 037	170 733	267 218	111 235	134 302	22 740	21 581
	1992	334 227	4 286	178 147	262 996	117 357	126 536	15 517	12 688
Irrigated	farms, 1997	30	3	19	41	187	78	66	14
	1992	31	3	17	39	191	78	62	10
	acres, 1997	3 482	(D)	993	(D)	19 695	4 699	540	254
	1992	3 232	(D)	742	(D)	19 331	(D)	(D)	364
Corn for grain or seed	farms, 1997	669	4	426	591	229	429	49	34
	1992	718	5	473	677	283	457	40	16
	acres, 1997	90 245	214	45 943	78 793	34 695	47 511	6 258	2 632
	1992	102 227	104	48 606	85 178	38 255	52 646	4 283	1 845
	bushels, 1997	10 394 096	21 740	4 846 427	9 505 971	3 197 253	4 951 383	623 444	224 342
	1992	9 395 093	13 550	4 643 197	9 618 411	3 694 589	5 560 722	601 771	133 910
Irrigated	farms, 1997	3	–	1	17	20	10	–	–
	1992	5	–	4	16	26	10	–	1
	acres, 1997	(D)	–	(D)	2 391	2 416	1 141	–	–
	1992	132	–	174	2 782	3 213	1 284	–	(D)
1997 farms by acres harvested:									
1 to 24 acres		146	–	110	148	73	115	17	16
25 to 99 acres		256	3	175	209	74	164	14	13
100 to 249 acres		163	1	99	143	53	99	10	4
250 to 499 acres		71	–	26	62	11	36	6	–
500 acres or more		33	–	16	29	18	15	2	1
Wheat for grain	farms, 1997	472	2	356	276	50	339	32	7
	1992	770	1	524	453	84	386	25	10
	acres, 1997	31 433	(D)	21 835	16 831	2 539	17 399	1 606	69
	1992	45 662	(D)	26 566	24 746	3 001	16 760	1 040	301
	bushels, 1997	1 808 861	(D)	1 188 692	1 120 706	130 130	947 230	72 113	2 433
	1992	2 539 428	(D)	1 274 136	1 469 620	120 401	798 275	59 581	9 860
Irrigated	farms, 1997	2	–	1	4	1	–	–	–
	1992	4	–	–	3	2	–	–	–
	acres, 1997	(D)	–	(D)	411	(D)	–	–	–
	1992	36	–	–	163	(D)	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		176	2	124	94	21	131	15	7
25 to 99 acres		203	–	172	131	20	158	11	–
100 to 249 acres		72	–	46	45	9	46	6	–
250 to 499 acres		16	–	13	5	–	3	–	–
500 acres or more		5	–	1	1	–	1	–	–
Soybeans for beans	farms, 1997	638	3	535	475	154	353	57	1
	1992	626	–	677	472	171	296	75	1
	acres, 1997	103 213	(D)	81 564	57 939	24 702	38 716	10 498	(D)
	1992	69 673	–	77 544	42 769	23 679	22 970	6 525	(D)
	bushels, 1997	3 666 136	6 455	2 578 669	2 138 823	811 635	1 389 030	313 781	(D)
	1992	1 739 077	–	2 251 049	1 368 331	597 615	762 558	153 268	(D)
Irrigated	farms, 1997	3	–	2	7	14	5	–	–
	1992	5	–	3	2	7	3	–	–
	acres, 1997	418	–	(D)	699	1 595	582	–	–
	1992	75	–	220	(D)	362	(D)	–	–
1997 farms by acres harvested:									
1 to 24 acres		113	1	79	71	39	86	15	1
25 to 99 acres		257	–	214	217	63	164	18	–
100 to 249 acres		154	2	145	132	25	62	13	–
250 to 499 acres		63	–	68	44	15	30	5	–
500 acres or more		51	–	29	11	12	11	6	–
Dry edible beans, excluding dry limas	farms, 1997	176	1	7	305	1	–	–	–
	1992	274	–	19	391	3	3	–	–
	acres, 1997	19 103	(D)	145	54 397	(D)	–	–	–
	1992	22 393	–	616	49 033	(D)	(D)	–	–
	cwt, 1997	286 008	(D)	2 171	868 803	(D)	–	–	–
	1992	225 695	–	4 154	746 639	(D)	(D)	–	–
Irrigated	farms, 1997	1	–	–	3	–	–	–	–
	1992	3	–	–	2	–	–	–	–
	acres, 1997	(D)	–	–	288	–	–	–	–
	1992	280	–	–	(D)	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		28	–	4	38	1	–	–	–
25 to 99 acres		87	1	3	106	–	–	–	–
100 to 249 acres		46	–	–	93	–	–	–	–
250 to 499 acres		10	–	–	45	–	–	–	–
500 acres or more		5	–	–	23	–	–	–	–
Sugar beets for sugar	farms, 1997	71	3	1	194	–	–	–	–
	1992	76	–	1	275	–	2	–	–
	acres, 1997	14 577	61	(D)	29 600	–	–	–	–
	1992	15 543	–	(D)	37 353	–	(D)	–	–
	tons, 1997	262 448	1 190	(D)	558 473	–	–	–	–
	1992	211 535	–	(D)	684 003	–	(D)	–	–
Irrigated	farms, 1997	–	–	–	5	–	–	–	–
	1992	1	–	–	8	–	–	–	–
	acres, 1997	–	–	–	655	–	–	–	–
	1992	(D)	–	–	674	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		7	2	1	23	–	–	–	–
25 to 99 acres		15	1	–	75	–	–	–	–
100 to 249 acres		32	–	–	58	–	–	–	–
250 to 499 acres		9	–	–	30	–	–	–	–
500 acres or more		8	–	–	8	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	20 858	155	45	590	290	133	121
1992..	22 285	155	42	682	280	120	131
acres, 1997..	1 264 350	13 757	5 744	32 306	21 386	9 979	9 751
1992..	1 283 598	12 737	4 279	34 498	19 573	8 272	10 036
tons, dry, 1997..	2 830 915	24 116	8 345	82 285	38 426	17 502	20 428
1992..	2 821 347	20 941	6 654	95 785	29 216	11 844	22 174
Irrigated ..... farms, 1997..	258	–	–	9	1	2	–
1992..	236	–	2	3	2	1	1
acres, 1997..	11 154	–	–	252	(D)	(D)	–
1992..	10 522	–	(D)	140	(D)	(D)	(D)
1997 farms by acres harvested:							
1 to 24 acres	9 125	28	6	303	85	44	46
25 to 99 acres	8 042	83	21	185	143	63	48
100 to 249 acres	2 799	31	12	76	50	17	15
250 to 499 acres	719	11	4	21	10	8	11
500 acres or more	173	2	2	5	2	1	1
Vegetables harvested for sale (see text) ..... farms, 1997..	2 498	5	5	86	18	20	27
1992..	3 007	7	4	102	14	14	36
acres, 1997..	128 349	24	7	6 982	133	174	1 857
1992..	138 851	44	44	6 668	368	122	2 027
Irrigated ..... farms, 1997..	833	–	1	50	1	10	3
1992..	873	2	1	51	1	4	1
acres, 1997..	59 247	–	(D)	4 470	(D)	37	(D)
1992..	60 624	(D)	(D)	4 216	(D)	45	(D)
1997 farms by acres harvested:							
0.1 to 4.9 acres	907	3	5	29	9	9	4
5.0 to 24.9 acres	772	2	–	19	7	9	7
25.0 to 99.9 acres	490	–	–	17	2	2	12
100.0 to 249.9 acres	224	–	–	16	–	–	2
250.0 to 499.9 acres	69	–	–	3	–	–	1
500.0 acres or more	36	–	–	2	–	–	1
Land in orchards ..... farms, 1997..	2 863	5	4	97	19	63	4
1992..	3 531	13	4	113	21	76	8
acres, 1997..	139 607	17	9	4 314	95	4 587	31
1992..	162 183	29	17	4 600	112	5 069	49
Irrigated ..... farms, 1997..	362	1	1	12	2	10	–
1992..	444	1	–	17	–	14	–
acres, 1997..	11 930	(D)	(D)	78	(D)	331	–
1992..	14 799	(D)	–	238	–	591	–
1997 farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	907	3	3	28	9	16	3
5.0 to 24.9 acres	862	2	1	38	10	14	1
25.0 to 99.9 acres	692	–	–	23	–	18	–
100.0 to 249.9 acres	299	–	–	6	–	12	–
250.0 to 499.9 acres	76	–	–	1	–	2	–
500.0 acres or more	27	–	–	1	–	1	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	44	461	140	53	241	387	474
1992..	48	519	119	44	243	381	507
acres, 1997..	5 001	27 239	5 930	1 704	7 403	11 855	17 979
1992..	5 054	25 947	5 214	1 591	7 072	11 521	19 048
tons, dry, 1997..	6 763	73 242	15 690	2 569	21 074	32 200	44 728
1992..	5 940	69 338	16 315	1 499	18 212	33 228	51 930
Irrigated ..... farms, 1997..	1	7	2	–	4	10	6
1992..	–	5	1	–	3	10	–
acres, 1997..	(D)	535	(D)	–	26	319	80
1992..	–	484	(D)	–	78	359	–
1997 farms by acres harvested:							
1 to 24 acres	13	184	88	26	147	250	258
25 to 99 acres	15	200	41	25	80	114	180
100 to 249 acres	9	60	6	2	11	20	31
250 to 499 acres	5	11	4	–	3	3	5
500 acres or more	2	6	1	–	–	–	–
Vegetables harvested for sale (see text) ..... farms, 1997..	2	19	67	6	185	30	24
1992..	1	32	89	8	245	27	29
acres, 1997..	(D)	128	2 559	82	5 903	1 305	447
1992..	(D)	354	3 905	244	6 420	1 078	907
Irrigated ..... farms, 1997..	1	6	18	2	98	18	8
1992..	–	6	21	2	110	19	4
acres, 1997..	(D)	20	739	(D)	3 262	1 137	177
1992..	–	15	975	(D)	3 127	974	(D)
1997 farms by acres harvested:							
0.1 to 4.9 acres	2	12	17	1	61	13	11
5.0 to 24.9 acres	–	6	22	4	65	5	9
25.0 to 99.9 acres	–	1	19	1	44	7	3
100.0 to 249.9 acres	–	–	8	–	13	4	1
250.0 to 499.9 acres	–	–	1	–	1	1	–
500.0 acres or more	–	–	–	–	1	–	–
Land in orchards ..... farms, 1997..	5	17	11	47	479	14	12
1992..	1	24	19	56	625	18	14
acres, 1997..	33	43	35	3 205	19 768	193	98
1992..	(D)	74	72	3 759	24 300	372	194
Irrigated ..... farms, 1997..	–	1	4	10	33	1	–
1992..	–	3	2	14	36	1	–
acres, 1997..	–	(D)	9	190	662	(D)	–
1992..	–	(D)	(D)	415	690	(D)	–
1997 farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	3	15	9	2	108	7	7
5.0 to 24.9 acres	2	2	2	17	201	6	3
25.0 to 99.9 acres	–	–	–	15	107	1	2
100.0 to 249.9 acres	–	–	–	10	53	–	–
250.0 to 499.9 acres	–	–	–	3	9	–	–
500.0 acres or more	–	–	–	–	1	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop		Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1997	327	126	151	273	248	460	13
	1992	345	141	132	274	219	545	9
	acres, 1997	12 210	8 396	13 631	43 590	18 077	24 176	291
	1992	12 729	9 033	11 656	36 348	17 219	26 381	(D)
	tons, dry, 1997	27 160	15 100	21 675	48 743	35 017	75 406	364
	1992	35 550	15 065	13 780	37 925	24 338	87 964	(D)
Irrigated	farms, 1997	5	–	–	1	2	4	1
	1992	4	7	–	–	1	6	–
	acres, 1997	53	–	–	(D)	(D)	200	(D)
	1992	248	34	–	–	(D)	131	–
1997 farms by acres harvested:								
1 to 24 acres		170	49	41	33	85	241	9
25 to 99 acres		126	47	71	110	120	163	4
100 to 249 acres		28	24	24	73	28	42	–
250 to 499 acres		1	5	9	35	11	10	–
500 acres or more		2	1	6	22	4	4	–
Vegetables harvested for sale (see text)	farms, 1997	38	7	9	2	3	32	3
	1992	62	10	10	1	2	24	3
	acres, 1997	1 222	111	25	(D)	19	582	23
	1992	3 619	476	103	(D)	(D)	667	21
Irrigated	farms, 1997	22	1	–	–	–	12	–
	1992	28	3	1	1	–	10	–
	acres, 1997	943	(D)	–	–	–	235	–
	1992	3 038	5	(D)	(D)	–	214	–
1997 farms by acres harvested:								
0.1 to 4.9 acres		14	4	8	2	2	15	1
5.0 to 24.9 acres		10	1	1	–	1	11	2
25.0 to 99.9 acres		12	2	–	–	–	5	–
100.0 to 249.9 acres		2	–	–	–	–	1	–
250.0 to 499.9 acres		–	–	–	–	–	–	–
500.0 acres or more		–	–	–	–	–	–	–
Land in orchards	farms, 1997	36	15	3	7	7	30	1
	1992	52	22	6	12	4	32	1
	acres, 1997	2 246	797	(D)	15	21	391	(D)
	1992	2 817	986	19	24	10	475	(D)
Irrigated	farms, 1997	6	2	–	1	–	6	–
	1992	13	4	1	–	1	3	–
	acres, 1997	254	(D)	–	(D)	–	208	–
	1992	259	70	(D)	–	(D)	(D)	–
1997 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		11	6	2	7	6	17	1
5.0 to 24.9 acres		11	5	1	–	1	8	–
25.0 to 99.9 acres		7	2	–	–	–	5	–
100.0 to 249.9 acres		4	1	–	–	–	–	–
250.0 to 499.9 acres		2	1	–	–	–	–	–
500.0 acres or more		1	–	–	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	188	78	456	134	365	295	32
1992..	168	70	481	142	369	286	38
acres, 1997..	20 473	5 866	15 887	11 712	12 565	15 667	1 136
1992..	16 255	6 161	16 958	10 998	12 715	13 592	1 792
tons, dry, 1997..	33 311	10 594	42 155	18 176	27 010	28 027	1 561
1992..	20 201	8 304	47 074	14 562	28 390	19 493	2 083
Irrigated ..... farms, 1997..	1	–	6	3	2	–	–
1992..	1	–	3	–	4	5	–
acres, 1997..	(D)	–	101	(D)	(D)	–	–
1992..	(D)	–	(D)	–	50	220	–
1997 farms by acres harvested:							
1 to 24 acres	34	20	260	28	222	108	13
25 to 99 acres	86	34	160	64	112	144	17
100 to 249 acres	48	22	36	34	26	37	2
250 to 499 acres	17	2	–	6	4	6	–
500 acres or more	3	–	–	2	1	–	–
Vegetables harvested for sale (see text) ..... farms, 1997..	13	4	30	17	53	14	2
1992..	15	6	32	15	50	13	1
acres, 1997..	78	(D)	727	197	631	96	(D)
1992..	121	37	1 062	211	800	149	(D)
Irrigated ..... farms, 1997..	5	1	5	9	9	6	1
1992..	5	–	3	5	7	3	–
acres, 1997..	32	(D)	96	41	65	19	(D)
1992..	35	–	19	61	(D)	6	–
1997 farms by acres harvested:							
0.1 to 4.9 acres	9	3	11	7	35	12	2
5.0 to 24.9 acres	4	–	14	8	12	1	–
25.0 to 99.9 acres	–	1	2	2	5	1	–
100.0 to 249.9 acres	–	–	3	–	1	–	–
250.0 to 499.9 acres	–	–	–	–	–	–	–
500.0 acres or more	–	–	–	–	–	–	–
Land in orchards ..... farms, 1997..	18	5	22	11	34	6	–
1992..	19	3	27	11	40	9	–
acres, 1997..	90	39	145	47	391	15	–
1992..	104	5	249	55	713	36	–
Irrigated ..... farms, 1997..	–	–	2	5	2	2	–
1992..	3	–	3	–	2	1	–
acres, 1997..	–	–	(D)	29	(D)	(D)	–
1992..	22	–	17	–	(D)	(D)	–
1997 farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	16	3	10	8	19	4	–
5.0 to 24.9 acres	1	2	12	3	9	2	–
25.0 to 99.9 acres	1	–	–	–	5	–	–
100.0 to 249.9 acres	–	–	–	–	1	–	–
250.0 to 499.9 acres	–	–	–	–	–	–	–
500.0 acres or more	–	–	–	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	161	260	443	84	445	396	488	153
1992..	145	281	467	92	586	445	559	143
acres, 1997..	9 832	13 640	19 977	7 630	25 601	18 466	27 609	11 841
1992..	9 585	13 647	20 051	8 167	31 719	21 619	28 925	12 254
tons, dry, 1997..	19 222	36 937	57 829	11 036	69 902	50 741	77 753	23 606
1992..	14 152	39 142	59 973	9 565	109 725	63 570	84 070	19 809
Irrigated ..... farms, 1997..	3	2	5	1	5	2	5	5
1992..	1	5	7	1	6	–	6	2
acres, 1997..	(D)	(D)	247	(D)	94	(D)	195	388
1992..	(D)	556	240	(D)	39	–	137	(D)
1997 farms by acres harvested:								
1 to 24 acres	60	139	266	21	186	216	223	44
25 to 99 acres	76	76	121	41	183	125	179	67
100 to 249 acres	18	39	46	15	64	44	71	30
250 to 499 acres	6	5	7	5	10	9	10	12
500 acres or more	1	1	3	2	2	2	5	–
Vegetables harvested for sale (see text) ..... farms, 1997..	40	37	15	14	10	24	18	4
1992..	37	63	16	8	12	29	37	13
acres, 1997..	1 537	4 522	85	46	35	457	527	17
1992..	2 075	4 755	81	31	55	1 166	550	95
Irrigated ..... farms, 1997..	9	8	5	8	4	7	3	1
1992..	11	12	3	4	–	5	8	1
acres, 1997..	158	361	40	26	11	298	96	(D)
1992..	62	440	(D)	14	–	(D)	112	(D)
1997 farms by acres harvested:								
0.1 to 4.9 acres	18	8	10	11	9	13	7	3
5.0 to 24.9 acres	9	5	5	3	1	7	5	1
25.0 to 99.9 acres	8	8	–	–	–	3	5	–
100.0 to 249.9 acres	4	9	–	–	–	1	1	–
250.0 to 499.9 acres	1	7	–	–	–	–	–	–
500.0 acres or more	–	–	–	–	–	–	–	–
Land in orchards ..... farms, 1997..	154	7	13	6	7	21	34	11
1992..	196	16	20	8	14	28	49	8
acres, 1997..	8 682	173	260	9	36	302	1 518	48
1992..	10 584	246	375	60	73	343	2 522	46
Irrigated ..... farms, 1997..	42	–	1	2	1	6	4	1
1992..	59	1	4	1	2	1	5	–
acres, 1997..	1 595	–	(D)	(D)	(D)	35	187	(D)
1992..	2 146	(D)	28	(D)	(D)	(D)	168	–
1997 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	22	4	6	6	3	14	5	8
5.0 to 24.9 acres	52	2	4	–	4	5	11	3
25.0 to 99.9 acres	56	–	2	–	–	1	14	–
100.0 to 249.9 acres	19	1	1	–	–	1	4	–
250.0 to 499.9 acres	4	–	–	–	–	–	–	–
500.0 acres or more	1	–	–	–	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	57	508	504	260	56	553	5	85
1992..	61	564	569	267	54	634	1	71
acres, 1997..	6 081	38 157	22 544	10 797	3 361	30 713	45	6 848
1992..	6 092	41 736	25 884	11 536	2 972	34 196	(D)	4 332
tons, dry, 1997..	9 699	94 320	55 752	27 096	4 328	78 350	51	12 387
1992..	7 073	92 565	71 055	27 381	3 080	89 707	(D)	3 708
Irrigated ..... farms, 1997..	–	3	2	3	–	3	–	–
1992..	–	3	1	3	1	10	–	–
acres, 1997..	–	158	(D)	(D)	–	(D)	–	–
1992..	–	(D)	(D)	(D)	(D)	631	–	–
1997 farms by acres harvested:								
1 to 24 acres	12	174	270	149	21	270	5	26
25 to 99 acres	24	214	173	83	23	202	–	35
100 to 249 acres	15	88	48	23	12	61	–	20
250 to 499 acres	6	30	12	3	–	16	–	3
500 acres or more	–	2	1	2	–	4	–	1
Vegetables harvested for sale (see text) ..... farms, 1997..	3	14	39	49	9	80	–	2
1992..	–	14	35	65	6	114	–	1
acres, 1997..	12	1 941	1 086	1 728	691	3 747	–	(D)
1992..	–	343	1 216	4 453	860	4 507	–	(D)
Irrigated ..... farms, 1997..	–	4	14	22	4	31	–	–
1992..	–	4	7	35	2	52	–	–
acres, 1997..	–	289	265	1 225	680	1 567	–	–
1992..	–	(D)	508	3 398	(D)	3 054	–	–
1997 farms by acres harvested:								
0.1 to 4.9 acres	2	2	20	22	5	26	–	–
5.0 to 24.9 acres	1	4	7	11	1	29	–	2
25.0 to 99.9 acres	–	3	9	12	1	18	–	–
100.0 to 249.9 acres	–	2	3	4	1	5	–	–
250.0 to 499.9 acres	–	2	–	–	1	–	–	–
500.0 acres or more	–	1	–	–	–	2	–	–
Land in orchards ..... farms, 1997..	8	6	16	34	–	184	–	6
1992..	1	9	32	55	1	236	–	7
acres, 1997..	21	57	159	1 150	–	15 143	–	30
1992..	(D)	158	273	1 511	(D)	16 988	–	26
Irrigated ..... farms, 1997..	1	2	2	1	–	19	–	2
1992..	–	–	2	3	–	24	–	–
acres, 1997..	(D)	(D)	(D)	(D)	–	1 276	–	(D)
1992..	–	–	(D)	(D)	–	1 436	–	–
1997 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	7	4	10	7	–	36	–	4
5.0 to 24.9 acres	1	1	5	14	–	33	–	2
25.0 to 99.9 acres	–	1	1	10	–	67	–	–
100.0 to 249.9 acres	–	–	–	2	–	37	–	–
250.0 to 499.9 acres	–	–	–	1	–	9	–	–
500.0 acres or more	–	–	–	–	–	2	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	585	104	343	311	18	53	125	145
1992..	676	122	376	405	17	57	170	143
acres, 1997..	30 884	5 595	13 047	15 683	2 734	7 945	4 853	6 458
1992..	32 998	6 175	15 591	21 417	2 271	9 229	5 151	6 648
tons, dry, 1997..	75 668	10 768	37 800	36 663	4 661	9 802	11 220	9 800
1992..	81 694	9 015	45 567	47 359	3 214	12 497	13 022	9 146
Irrigated ..... farms, 1997..	4	1	1	5	–	1	2	3
1992..	3	1	1	4	–	–	1	–
acres, 1997..	118	(D)	(D)	79	–	(D)	(D)	35
1992..	(D)	(D)	(D)	40	–	–	(D)	–
1997 farms by acres harvested:								
1 to 24 acres	241	41	208	152	5	6	68	65
25 to 99 acres	250	45	96	109	3	22	44	62
100 to 249 acres	77	15	32	43	7	14	13	16
250 to 499 acres	16	3	7	7	1	9	–	2
500 acres or more	1	–	–	–	2	2	–	–
Vegetables harvested for sale (see text) ..... farms, 1997..	53	18	42	37	1	4	83	25
1992..	56	18	74	41	2	5	108	37
acres, 1997..	3 041	273	4 135	1 569	(D)	23	3 524	945
1992..	3 446	160	4 261	2 133	(D)	38	3 819	1 648
Irrigated ..... farms, 1997..	14	10	11	13	1	–	16	14
1992..	23	7	6	15	1	1	22	19
acres, 1997..	1 263	48	860	(D)	(D)	–	774	658
1992..	841	55	239	(D)	(D)	(D)	1 227	792
1997 farms by acres harvested:								
0.1 to 4.9 acres	18	8	13	18	1	2	24	2
5.0 to 24.9 acres	20	8	11	15	–	2	28	14
25.0 to 99.9 acres	7	1	8	3	–	–	18	6
100.0 to 249.9 acres	2	1	7	–	–	–	11	3
250.0 to 499.9 acres	6	–	2	–	–	–	2	–
500.0 acres or more	–	–	1	1	–	–	–	–
Land in orchards ..... farms, 1997..	35	232	42	21	2	4	33	55
1992..	48	247	50	23	3	2	43	68
acres, 1997..	658	16 698	836	546	(D)	7	816	3 789
1992..	769	17 673	611	386	6	(D)	1 173	4 387
Irrigated ..... farms, 1997..	4	40	11	4	–	–	3	9
1992..	3	46	10	4	–	1	6	17
acres, 1997..	19	2 198	353	64	–	–	(D)	812
1992..	3	2 219	142	20	–	(D)	(D)	1 144
1997 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	14	25	18	12	2	4	10	12
5.0 to 24.9 acres	16	47	14	5	–	–	14	14
25.0 to 99.9 acres	4	114	9	2	–	–	7	21
100.0 to 249.9 acres	–	36	1	1	–	–	2	4
250.0 to 499.9 acres	1	7	–	1	–	–	–	3
500.0 acres or more	–	3	–	–	–	–	–	1

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	52	199	408	247	164	233	205	537
1992..	55	183	459	263	148	235	226	520
acres, 1997..	5 617	12 975	32 852	31 999	5 980	33 692	4 008	28 816
1992..	5 126	13 146	36 899	33 642	5 729	34 593	4 149	29 846
tons, dry, 1997..	10 055	27 507	65 233	65 061	10 960	73 135	12 263	66 365
1992..	7 444	26 731	59 096	45 384	9 375	55 052	12 518	76 025
Irrigated ..... farms, 1997..	–	3	7	2	2	8	2	12
1992..	–	5	10	–	–	11	1	16
acres, 1997..	–	(D)	540	(D)	(D)	1 025	(D)	818
1992..	–	290	696	–	–	732	(D)	870
1997 farms by acres harvested:								
1 to 24 acres	18	79	130	41	90	51	157	227
25 to 99 acres	19	74	167	90	60	67	44	231
100 to 249 acres	8	38	90	77	12	71	3	62
250 to 499 acres	5	8	17	31	2	34	1	15
500 acres or more	2	–	4	8	–	10	–	2
Vegetables harvested for sale (see text) ..... farms, 1997..	4	81	33	13	17	5	72	48
1992..	6	85	26	9	15	2	101	44
acres, 1997..	18	5 470	1 637	40	178	25	2 964	5 240
1992..	14	4 786	1 268	30	666	(D)	3 718	3 968
Irrigated ..... farms, 1997..	–	11	14	–	2	2	21	24
1992..	1	16	8	1	1	2	14	29
acres, 1997..	–	654	1 083	–	(D)	(D)	1 468	4 929
1992..	(D)	1 290	607	(D)	(D)	(D)	330	3 457
1997 farms by acres harvested:								
0.1 to 4.9 acres	2	11	15	10	11	4	22	20
5.0 to 24.9 acres	2	16	8	3	4	1	32	8
25.0 to 99.9 acres	–	36	7	–	1	–	10	5
100.0 to 249.9 acres	–	15	1	–	1	–	3	6
250.0 to 499.9 acres	–	2	1	–	–	–	5	7
500.0 acres or more	–	1	1	–	–	–	–	2
Land in orchards ..... farms, 1997..	10	51	13	20	12	7	35	19
1992..	12	62	15	12	13	3	51	25
acres, 1997..	45	5 004	177	61	24	15	318	966
1992..	38	6 205	237	47	43	(D)	439	1 041
Irrigated ..... farms, 1997..	2	8	2	1	1	1	5	1
1992..	1	21	1	1	3	1	2	8
acres, 1997..	(D)	(D)	(D)	(D)	(D)	(D)	189	(D)
1992..	(D)	692	(D)	(D)	8	(D)	(D)	524
1997 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	7	11	10	14	11	5	28	7
5.0 to 24.9 acres	3	10	2	6	1	2	4	6
25.0 to 99.9 acres	–	12	–	–	–	–	3	2
100.0 to 249.9 acres	–	13	1	–	–	–	–	3
250.0 to 499.9 acres	–	3	–	–	–	–	–	1
500.0 acres or more	–	2	–	–	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	72	205	439	164	258	211	81	384
1992..	82	223	454	187	269	210	86	403
acres, 1997..	5 677	13 198	29 786	8 293	13 665	25 035	10 760	41 531
1992..	4 878	13 546	29 827	8 694	14 011	23 936	9 400	38 893
tons, dry, 1997..	10 393	32 999	67 821	17 371	31 707	53 911	19 443	76 871
1992..	7 880	22 813	51 041	20 487	24 988	52 440	10 841	53 076
Irrigated ..... farms, 1997..	1	2	4	3	8	–	–	6
1992..	1	6	3	1	3	2	–	7
acres, 1997..	(D)	(D)	48	(D)	238	–	–	415
1992..	(D)	489	(D)	(D)	52	(D)	–	654
1997 farms by acres harvested:								
1 to 24 acres	14	86	153	68	120	40	14	77
25 to 99 acres	41	86	205	73	96	88	37	179
100 to 249 acres	14	24	55	19	35	47	17	87
250 to 499 acres	2	7	23	4	7	33	10	30
500 acres or more	1	2	3	–	–	3	3	11
Vegetables harvested for sale (see text) ..... farms, 1997..	5	44	46	21	191	1	–	2
1992..	3	41	48	31	252	8	2	7
acres, 1997..	11	3 098	4 988	503	14 607	(D)	–	(D)
1992..	12	3 213	5 101	616	16 468	50	(D)	20
Irrigated ..... farms, 1997..	–	13	23	8	20	–	–	1
1992..	1	12	25	14	31	–	–	1
acres, 1997..	–	1 371	2 593	107	1 962	–	–	(D)
1992..	(D)	2 012	3 873	110	2 601	–	–	(D)
1997 farms by acres harvested:								
0.1 to 4.9 acres	4	13	16	8	15	–	–	2
5.0 to 24.9 acres	1	18	10	7	63	1	–	–
25.0 to 99.9 acres	–	6	8	4	73	–	–	–
100.0 to 249.9 acres	–	6	5	2	26	–	–	–
250.0 to 499.9 acres	–	–	4	–	8	–	–	–
500.0 acres or more	–	1	3	–	6	–	–	–
Land in orchards ..... farms, 1997..	3	31	40	33	142	5	2	16
1992..	5	24	38	42	185	11	5	6
acres, 1997..	8	3 734	2 297	519	15 159	42	(D)	48
1992..	10	3 618	2 325	618	16 270	146	9	23
Irrigated ..... farms, 1997..	–	5	9	3	7	–	–	4
1992..	–	5	5	8	14	2	–	1
acres, 1997..	–	103	107	(D)	166	–	–	10
1992..	–	172	271	(D)	498	(D)	–	(D)
1997 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	3	8	13	18	17	3	2	14
5.0 to 24.9 acres	–	11	9	9	39	1	–	2
25.0 to 99.9 acres	–	3	11	5	43	1	–	–
100.0 to 249.9 acres	–	4	5	1	24	–	–	–
250.0 to 499.9 acres	–	2	2	–	13	–	–	–
500.0 acres or more	–	3	–	–	6	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	60	89	535	223	20	265	462	335
1992..	64	99	628	216	22	270	508	349
acres, 1997..	4 225	9 656	29 015	18 869	1 689	8 073	20 088	11 425
1992..	4 536	10 013	29 723	15 612	1 677	8 243	21 115	11 213
tons, dry, 1997..	6 822	13 166	71 942	35 075	2 417	23 815	41 743	27 689
1992..	5 782	10 313	76 358	21 248	1 638	30 205	46 790	33 703
Irrigated ..... farms, 1997..	–	–	9	3	3	1	5	28
1992..	–	–	11	–	1	–	2	22
acres, 1997..	–	–	109	88	180	(D)	96	1 000
1992..	–	–	313	–	(D)	–	(D)	1 171
1997 farms by acres harvested:								
1 to 24 acres	15	12	254	63	5	170	227	204
25 to 99 acres	33	50	196	106	11	81	184	107
100 to 249 acres	9	21	63	37	3	13	44	20
250 to 499 acres	3	3	21	11	–	1	5	3
500 acres or more	–	3	1	6	1	–	2	1
Vegetables harvested for sale (see text) ..... farms, 1997..	6	4	103	10	1	44	43	68
1992..	1	3	126	11	–	50	58	65
acres, 1997..	14	(D)	3 362	89	(D)	3 125	827	9 763
1992..	(D)	37	3 752	32	–	1 804	862	7 376
Irrigated ..... farms, 1997..	1	2	45	1	–	6	3	60
1992..	1	–	49	1	–	6	6	46
acres, 1997..	(D)	(D)	1 800	(D)	–	87	(D)	9 083
1992..	(D)	–	1 692	(D)	–	130	69	5 665
1997 farms by acres harvested:								
0.1 to 4.9 acres	5	3	28	5	–	14	22	12
5.0 to 24.9 acres	1	1	44	4	1	14	15	8
25.0 to 99.9 acres	–	–	22	1	–	5	5	17
100.0 to 249.9 acres	–	–	7	–	–	7	–	21
250.0 to 499.9 acres	–	–	2	–	–	3	1	5
500.0 acres or more	–	–	–	–	–	1	–	5
Land in orchards ..... farms, 1997..	2	6	65	12	4	24	19	14
1992..	7	3	95	14	2	31	24	8
acres, 1997..	(D)	14	6 170	29	73	169	89	284
1992..	21	6	6 985	30	(D)	399	252	(D)
Irrigated ..... farms, 1997..	–	3	13	1	–	4	1	–
1992..	–	1	11	1	–	1	2	–
acres, 1997..	–	2	225	(D)	–	(D)	(D)	–
1992..	–	(D)	185	(D)	–	(D)	(D)	–
1997 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	2	4	10	11	1	15	14	7
5.0 to 24.9 acres	–	2	17	1	2	7	5	5
25.0 to 99.9 acres	–	–	21	–	1	2	–	1
100.0 to 249.9 acres	–	–	11	–	–	–	–	1
250.0 to 499.9 acres	–	–	5	–	–	–	–	–
500.0 acres or more	–	–	1	–	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	744	30	362	443	312	496	54	147
1992..	750	34	459	427	306	568	61	126
acres, 1997..	54 697	3 801	16 172	21 020	12 456	22 311	2 053	10 864
1992..	56 249	3 218	20 096	17 810	12 775	26 668	1 236	7 922
tons, dry, 1997..	154 177	5 815	39 063	55 655	31 733	62 206	4 142	17 302
1992..	169 756	6 916	58 362	52 363	28 860	77 734	3 243	8 884
Irrigated ..... farms, 1997..	7	–	–	2	7	5	2	3
1992..	2	–	1	7	4	2	2	1
acres, 1997..	189	–	–	(D)	108	110	(D)	(D)
1992..	(D)	–	(D)	340	85	(D)	(D)	(D)
1997 farms by acres harvested:								
1 to 24 acres	245	2	192	218	174	244	33	43
25 to 99 acres	320	16	124	170	110	188	15	65
100 to 249 acres	145	6	40	46	22	59	5	32
250 to 499 acres	30	4	4	8	4	5	1	6
500 acres or more	4	2	2	1	2	–	–	1
Vegetables harvested for sale (see text) ..... farms, 1997..	28	4	22	36	104	56	38	6
1992..	17	3	19	41	158	61	64	7
acres, 1997..	1 238	18	87	2 474	12 069	2 229	887	15
1992..	418	6	92	1 594	13 734	2 015	1 222	783
Irrigated ..... farms, 1997..	6	1	5	9	35	26	5	3
1992..	4	1	3	4	39	23	5	3
acres, 1997..	(D)	(D)	12	1 045	8 934	2 026	22	6
1992..	217	(D)	(D)	(D)	9 695	1 611	16	(D)
1997 farms by acres harvested:								
0.1 to 4.9 acres	16	3	14	11	33	28	12	5
5.0 to 24.9 acres	6	1	8	11	35	20	19	1
25.0 to 99.9 acres	3	–	–	8	22	5	4	–
100.0 to 249.9 acres	1	–	–	4	9	2	3	–
250.0 to 499.9 acres	1	–	–	1	1	–	–	–
500.0 acres or more	1	–	–	1	4	1	–	–
Land in orchards ..... farms, 1997..	23	6	26	10	256	30	16	8
1992..	21	2	20	17	312	47	18	7
acres, 1997..	388	16	163	144	15 480	341	197	39
1992..	449	(D)	155	309	19 232	497	148	50
Irrigated ..... farms, 1997..	–	–	3	3	17	8	4	–
1992..	2	–	–	2	24	17	2	–
acres, 1997..	–	–	(D)	(D)	1 593	118	12	–
1992..	(D)	–	–	(D)	1 378	201	(D)	–
1997 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	9	4	19	6	46	18	9	5
5.0 to 24.9 acres	8	2	5	2	84	8	5	3
25.0 to 99.9 acres	5	–	2	2	78	3	2	–
100.0 to 249.9 acres	1	–	–	–	38	1	–	–
250.0 to 499.9 acres	–	–	–	–	6	–	–	–
500.0 acres or more	–	–	–	–	4	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
INVENTORY							
Cattle and calves ..... farms, 1997..	15 468	105	25	474	206	77	82
1992..	17 031	114	29	554	198	79	92
number, 1997..	1 025 702	4 744	2 060	41 416	10 494	4 686	7 177
1992..	1 113 604	6 048	1 661	48 225	9 271	4 663	7 148
Farms by inventory:							
1 to 9 ..... farms, 1997..	3 913	15	2	136	39	21	16
1992..	4 072	15	5	127	45	17	22
number, 1997..	18 908	60	(D)	630	(D)	(D)	77
1992..	20 084	100	23	623	(D)	(D)	118
10 to 19 ..... farms, 1997..	2 929	23	5	81	42	15	17
1992..	3 057	17	7	87	42	15	9
number, 1997..	40 574	319	72	1 220	559	218	233
1992..	42 116	253	94	1 169	595	219	114
20 to 49 ..... farms, 1997..	3 803	41	9	92	58	15	15
1992..	4 194	50	8	122	54	21	18
number, 1997..	119 032	1 309	301	2 841	1 861	439	476
1992..	130 539	1 537	242	3 675	1 624	565	490
50 to 99 ..... farms, 1997..	2 148	16	2	55	35	12	10
1992..	2 591	19	2	90	34	13	17
number, 1997..	147 825	1 075	(D)	3 662	2 265	749	680
1992..	179 938	1 292	(D)	6 346	2 210	905	1 215
100 to 199 ..... farms, 1997..	1 497	7	4	53	26	8	8
1992..	1 856	8	5	58	14	6	16
number, 1997..	204 179	984	646	7 326	3 454	1 183	1 040
1992..	252 599	1 086	740	8 039	1 761	794	2 195
200 to 499 ..... farms, 1997..	955	3	3	40	5	5	16
1992..	1 054	5	2	53	8	6	10
number, 1997..	278 758	997	896	12 059	1 266	1 505	4 671
1992..	302 003	1 780	(D)	16 091	2 043	1 602	3 016
500 or more ..... farms, 1997..	223	–	–	17	1	1	–
1992..	207	–	–	17	1	1	–
number, 1997..	216 426	–	–	13 678	(D)	(D)	–
1992..	186 325	–	–	12 282	(D)	(D)	–
Cows and heifers that had calved ..... farms, 1997..	11 140	87	20	319	169	53	49
1992..	12 266	100	23	379	160	53	60
number, 1997..	417 040	2 347	816	18 517	4 521	1 690	2 809
1992..	433 060	2 839	709	18 950	4 393	1 615	3 166
Beef cows ..... farms, 1997..	7 566	76	14	190	128	42	27
1992..	7 548	91	18	183	117	34	22
number, 1997..	116 399	1 619	325	2 701	1 970	875	430
1992..	116 106	2 211	321	3 072	1 925	659	294
1997 farms by inventory:							
1 to 9 ..... farms..	3 880	27	5	107	59	21	14
number..	17 582	(D)	(D)	464	261	(D)	(D)
10 to 19 ..... farms..	1 902	19	3	53	33	8	8
number..	25 352	248	44	682	471	115	111
20 to 49 ..... farms..	1 387	24	4	20	29	8	3
number..	39 367	646	119	585	823	200	71
50 to 99 ..... farms..	304	4	2	6	7	3	1
number..	19 382	330	(D)	(D)	415	220	(D)
100 to 199 ..... farms..	79	2	–	3	–	2	1
number..	9 846	(D)	–	399	–	(D)	(D)
200 to 499 ..... farms..	11	–	–	1	–	–	–
number..	3 090	–	–	(D)	–	–	–
500 or more ..... farms..	3	–	–	–	–	–	–
number..	1 780	–	–	–	–	–	–
Milk cows ..... farms, 1997..	3 990	15	9	145	41	14	25
1992..	5 198	11	8	210	49	22	41
number, 1997..	300 641	728	491	15 816	2 551	815	2 379
1992..	316 954	628	388	15 878	2 468	956	2 872
1997 farms by inventory:							
1 to 9 ..... farms..	488	4	–	13	2	2	–
number..	1 645	(D)	–	22	(D)	(D)	–
10 to 19 ..... farms..	338	–	1	7	3	1	–
number..	4 806	–	(D)	97	48	(D)	–
20 to 49 ..... farms..	1 155	7	2	36	15	4	9
number..	38 328	242	(D)	1 217	479	137	(D)
50 to 99 ..... farms..	1 048	3	6	34	15	5	5
number..	71 774	234	406	2 473	1 076	372	397
100 to 199 ..... farms..	714	–	–	32	5	2	9
number..	93 576	–	–	4 007	595	(D)	1 228
200 to 499 ..... farms..	208	1	–	20	1	–	2
number..	55 260	(D)	–	5 622	(D)	–	(D)
500 or more ..... farms..	39	–	–	3	–	–	–
number..	35 252	–	–	2 378	–	–	–
Heifers and heifer calves ..... farms, 1997..	10 594	82	20	311	171	52	53
1992..	12 135	87	23	375	158	56	62
number, 1997..	321 816	1 455	626	13 699	3 735	1 184	2 334
1992..	349 684	1 669	594	14 346	3 462	1 567	2 581
1997 farms by inventory:							
1 to 9 ..... farms..	5 188	37	6	126	87	27	20
number..	21 122	154	32	(D)	(D)	105	(D)
10 to 19 ..... farms..	1 833	31	4	52	31	8	8
number..	24 067	392	45	663	409	107	104
20 to 49 ..... farms..	1 837	8	4	58	35	10	7
number..	55 640	240	106	1 807	1 022	307	201
50 to 99 ..... farms..	943	3	6	34	13	4	8
number..	63 991	198	443	2 311	893	274	561
100 to 199 ..... farms..	572	2	–	21	4	3	8
number..	74 948	(D)	–	2 633	520	391	977
200 to 499 ..... farms..	180	1	–	18	–	–	2
number..	47 087	(D)	–	4 654	–	–	(D)
500 or more ..... farms..	41	–	–	2	1	–	–
number..	34 961	–	–	(D)	(D)	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
INVENTORY							
Cattle and calves ..... farms, 1997..	24	328	85	42	162	353	375
1992..	34	383	108	31	170	372	417
number, 1997..	1 327	24 888	4 245	1 556	4 972	24 193	19 738
1992..	1 426	23 793	5 238	1 381	6 221	22 876	23 885
Farms by inventory:							
1 to 9 ..... farms, 1997..	1	90	21	17	68	115	96
1992..	5	105	29	11	58	91	107
number, 1997..	(D)	453	(D)	(D)	(D)	593	493
1992..	(D)	564	184	(D)	(D)	452	508
10 to 19 ..... farms, 1997..	1	73	25	9	37	71	78
1992..	8	71	18	8	36	81	76
number, 1997..	(D)	1 039	330	118	477	919	1 100
1992..	120	973	249	101	462	1 088	1 061
20 to 49 ..... farms, 1997..	9	80	18	7	38	89	96
1992..	7	94	39	2	41	112	110
number, 1997..	261	2 469	500	200	1 160	2 749	3 014
1992..	198	2 857	1 220	(D)	1 241	3 328	3 473
50 to 99 ..... farms, 1997..	11	35	13	4	8	40	56
1992..	12	57	10	3	18	48	55
number, 1997..	805	2 363	815	355	572	2 771	3 692
1992..	807	4 092	644	179	1 164	3 232	3 714
100 to 199 ..... farms, 1997..	2	24	3	4	9	21	29
1992..	2	27	5	7	13	22	45
number, 1997..	(D)	3 476	451	598	1 366	2 834	3 855
1992..	(D)	3 801	658	951	1 581	3 029	5 917
200 to 499 ..... farms, 1997..	–	21	3	1	1	12	15
1992..	–	25	7	–	3	14	20
number, 1997..	–	6 220	929	(D)	(D)	3 517	4 236
1992..	–	7 150	2 283	–	818	4 172	6 419
500 or more ..... farms, 1997..	–	5	2	–	1	5	5
1992..	–	4	–	–	1	4	4
number, 1997..	–	8 868	(D)	–	(D)	10 810	3 348
1992..	–	4 356	–	–	(D)	7 575	2 793
Cows and heifers that had calved ..... farms, 1997..	23	256	62	28	112	256	298
1992..	33	288	64	22	121	276	308
number, 1997..	731	11 983	1 893	393	2 480	6 402	7 910
1992..	801	10 073	1 827	340	2 657	6 603	8 013
Beef cows ..... farms, 1997..	14	209	50	28	91	182	229
1992..	22	205	39	21	91	186	222
number, 1997..	425	3 140	568	(D)	1 130	2 406	2 923
1992..	486	2 854	322	(D)	1 084	2 598	2 947
1997 farms by inventory:							
1 to 9 ..... farms..	3	107	29	17	55	100	119
number..	20	471	(D)	44	238	468	567
10 to 19 ..... farms..	3	54	13	7	19	46	59
number..	44	725	158	105	276	634	749
20 to 49 ..... farms..	5	36	6	3	14	32	47
number..	171	1 062	153	94	396	971	1 324
50 to 99 ..... farms..	3	9	2	1	3	3	3
number..	190	561	(D)	(D)	220	(D)	(D)
100 to 199 ..... farms..	–	3	–	–	–	1	1
number..	–	321	–	–	–	(D)	(D)
200 to 499 ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Milk cows ..... farms, 1997..	10	59	16	3	25	82	75
1992..	11	90	29	1	33	97	98
number, 1997..	306	8 843	1 325	(D)	1 350	3 996	4 987
1992..	315	7 219	1 505	(D)	1 573	4 005	5 066
1997 farms by inventory:							
1 to 9 ..... farms..	2	8	–	2	12	34	6
number..	(D)	12	–	(D)	(D)	144	37
10 to 19 ..... farms..	2	6	1	–	1	11	6
number..	(D)	83	(D)	–	(D)	157	79
20 to 49 ..... farms..	4	10	9	–	3	11	25
number..	146	352	314	–	90	341	729
50 to 99 ..... farms..	2	13	1	1	4	13	23
number..	(D)	824	(D)	(D)	272	866	1 552
100 to 199 ..... farms..	–	13	3	–	4	9	11
number..	–	1 739	441	–	500	1 120	1 425
200 to 499 ..... farms..	–	6	2	–	1	4	4
number..	–	1 493	(D)	–	(D)	1 368	1 165
500 or more ..... farms..	–	3	–	–	–	–	–
number..	–	4 340	–	–	–	–	–
Heifers and heifer calves ..... farms, 1997..	22	241	57	29	99	233	285
1992..	29	275	66	25	109	282	309
number, 1997..	359	8 422	1 572	205	1 458	4 755	5 337
1992..	403	7 719	2 072	436	1 773	5 501	6 484
1997 farms by inventory:							
1 to 9 ..... farms..	7	140	31	24	67	142	152
number..	40	530	(D)	(D)	245	554	623
10 to 19 ..... farms..	7	39	12	2	20	36	73
number..	100	(D)	138	(D)	248	451	973
20 to 49 ..... farms..	8	25	6	3	4	36	33
number..	219	738	165	106	(D)	995	1 019
50 to 99 ..... farms..	–	18	3	–	6	5	20
number..	–	1 135	185	–	393	330	1 376
100 to 199 ..... farms..	–	14	3	–	1	10	4
number..	–	1 853	391	–	(D)	1 354	517
200 to 499 ..... farms..	–	3	2	–	1	4	3
number..	–	774	(D)	–	(D)	1 071	829
500 or more ..... farms..	–	2	–	–	–	–	–
number..	–	(D)	–	–	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
INVENTORY							
Cattle and calves ..... farms, 1997..	196	81	93	165	189	365	10
1992..	213	101	90	183	170	402	3
number, 1997..	7 082	3 217	5 261	8 429	13 916	41 204	163
1992..	8 258	4 117	5 693	8 303	11 352	38 478	(D)
Farms by inventory:							
1 to 9 ..... farms, 1997..	61	15	24	32	33	75	6
1992..	74	21	20	47	30	66	–
number, 1997..	(D)	82	(D)	179	146	357	(D)
1992..	(D)	80	(D)	246	(D)	356	–
10 to 19 ..... farms, 1997..	43	30	22	39	34	66	1
1992..	40	28	16	32	37	82	2
number, 1997..	626	435	307	535	452	965	(D)
1992..	535	381	210	459	536	1 114	(D)
20 to 49 ..... farms, 1997..	49	21	25	44	61	83	3
1992..	44	32	29	51	42	83	–
number, 1997..	1 486	623	802	1 319	1 915	2 717	130
1992..	1 272	1 021	958	1 575	1 376	2 559	–
50 to 99 ..... farms, 1997..	26	8	11	23	27	52	–
1992..	33	12	12	28	30	75	1
number, 1997..	1 785	522	854	1 594	1 798	3 550	–
1992..	2 254	871	836	2 029	2 090	5 455	(D)
100 to 199 ..... farms, 1997..	15	3	4	20	13	44	–
1992..	16	4	6	19	14	52	–
number, 1997..	2 059	434	619	2 745	1 733	5 848	–
1992..	2 068	625	910	2 560	1 748	7 096	–
200 to 499 ..... farms, 1997..	1	4	5	7	18	31	–
1992..	5	4	5	6	16	29	–
number, 1997..	(D)	1 121	1 372	2 057	4 919	9 526	–
1992..	1 183	1 139	1 541	1 434	4 469	7 870	–
500 or more ..... farms, 1997..	1	–	2	–	3	14	–
1992..	1	–	2	–	1	15	–
number, 1997..	(D)	–	(D)	–	2 953	18 241	–
1992..	(D)	–	(D)	–	(D)	14 028	–
Cows and heifers that had calved ..... farms, 1997..	139	70	80	133	154	214	7
1992..	162	86	70	144	135	254	3
number, 1997..	3 243	1 478	2 818	3 440	5 759	17 630	52
1992..	3 902	2 248	2 742	3 471	4 295	15 825	(D)
Beef cows ..... farms, 1997..	116	58	68	113	102	107	7
1992..	128	68	58	115	78	120	3
number, 1997..	2 079	705	1 280	2 267	2 583	1 479	52
1992..	2 273	1 119	1 337	2 056	1 433	1 908	(D)
1997 farms by inventory:							
1 to 9 ..... farms..	59	28	30	55	41	56	4
number..	(D)	(D)	(D)	(D)	184	296	14
10 to 19 ..... farms..	28	20	22	29	30	26	3
number..	402	256	319	384	408	358	38
20 to 49 ..... farms..	21	9	6	18	24	22	–
number..	649	223	199	575	685	554	–
50 to 99 ..... farms..	6	1	9	7	1	2	–
number..	333	(D)	532	466	(D)	(D)	–
100 to 199 ..... farms..	1	–	1	3	4	1	–
number..	(D)	–	(D)	340	478	(D)	–
200 to 499 ..... farms..	1	–	–	1	1	–	–
number..	(D)	–	–	(D)	(D)	–	–
500 or more ..... farms..	–	–	–	–	1	–	–
number..	–	–	–	–	(D)	–	–
Milk cows ..... farms, 1997..	26	13	12	30	60	113	–
1992..	38	23	16	44	68	137	–
number, 1997..	1 164	773	1 538	1 173	3 176	16 151	–
1992..	1 629	1 129	1 405	1 415	2 862	13 917	–
1997 farms by inventory:							
1 to 9 ..... farms..	5	3	1	5	8	7	–
number..	13	8	(D)	(D)	(D)	30	–
10 to 19 ..... farms..	2	1	–	3	16	9	–
number..	(D)	(D)	–	42	230	109	–
20 to 49 ..... farms..	7	1	2	13	20	18	–
number..	242	(D)	(D)	411	584	561	–
50 to 99 ..... farms..	10	6	3	7	9	29	–
number..	656	416	206	452	652	1 986	–
100 to 199 ..... farms..	2	2	2	2	6	33	–
number..	(D)	(D)	(D)	(D)	788	4 132	–
200 to 499 ..... farms..	–	–	4	–	–	10	–
number..	–	–	1 035	–	–	2 947	–
500 or more ..... farms..	–	–	–	–	1	7	–
number..	–	–	–	–	(D)	6 386	–
Heifers and heifer calves ..... farms, 1997..	123	63	70	128	146	212	7
1992..	144	74	76	152	137	267	2
number, 1997..	1 583	940	1 804	2 535	3 861	15 138	34
1992..	2 250	1 263	1 955	2 599	4 195	12 901	(D)
1997 farms by inventory:							
1 to 9 ..... farms..	82	45	43	75	66	73	7
number..	367	163	178	309	(D)	318	34
10 to 19 ..... farms..	21	6	10	14	35	28	–
number..	(D)	(D)	(D)	(D)	505	351	–
20 to 49 ..... farms..	13	7	8	28	26	39	–
number..	398	197	255	924	742	1 159	–
50 to 99 ..... farms..	6	2	4	6	12	37	–
number..	377	(D)	317	355	765	2 476	–
100 to 199 ..... farms..	1	3	3	4	6	23	–
number..	(D)	363	370	456	785	3 085	–
200 to 499 ..... farms..	–	–	2	1	–	7	–
number..	–	–	(D)	(D)	–	1 694	–
500 or more ..... farms..	–	–	–	–	1	5	–
number..	–	–	–	–	(D)	6 055	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
INVENTORY							
Cattle and calves ..... farms, 1997..	136	53	355	111	194	228	19
1992..	138	56	399	107	238	246	22
number, 1997..	7 979	2 630	15 879	5 852	7 526	7 845	251
1992..	8 121	2 260	16 600	5 110	12 642	7 938	335
Farms by inventory:							
1 to 9 ..... farms, 1997..	20	13	107	23	79	41	8
1992..	22	16	124	21	90	64	10
number, 1997..	81	(D)	(D)	106	(D)	196	37
1992..	123	(D)	(D)	106	403	(D)	61
10 to 19 ..... farms, 1997..	18	6	72	16	42	58	7
1992..	30	9	69	25	48	47	6
number, 1997..	254	76	1 009	216	559	829	102
1992..	414	138	913	361	668	645	95
20 to 49 ..... farms, 1997..	39	12	86	39	38	84	4
1992..	29	14	91	29	47	88	6
number, 1997..	1 244	400	2 652	1 204	1 102	2 604	112
1992..	978	437	2 914	941	1 434	2 727	179
50 to 99 ..... farms, 1997..	34	14	47	17	16	34	–
1992..	37	10	72	20	26	35	–
number, 1997..	2 179	926	3 071	1 126	1 094	2 211	–
1992..	2 726	669	4 724	1 433	1 694	2 293	–
100 to 199 ..... farms, 1997..	19	7	29	10	12	8	–
1992..	11	6	31	8	12	10	–
number, 1997..	2 410	908	3 627	1 303	1 642	1 247	–
1992..	1 516	736	3 767	996	1 611	1 414	–
200 to 499 ..... farms, 1997..	6	1	12	6	6	3	–
1992..	9	1	11	4	11	2	–
number, 1997..	1 811	(D)	3 151	1 897	1 877	758	–
1992..	2 364	(D)	2 962	1 273	3 847	(D)	–
500 or more ..... farms, 1997..	–	–	2	–	1	–	–
1992..	–	–	1	–	4	–	–
number, 1997..	–	–	(D)	–	(D)	–	–
1992..	–	–	(D)	–	2 985	–	–
Cows and heifers that had calved ..... farms, 1997..	118	44	257	89	131	191	15
1992..	129	48	292	94	143	207	19
number, 1997..	3 936	1 356	6 433	2 731	2 919	3 672	110
1992..	3 979	1 183	7 043	2 568	3 799	3 514	153
Beef cows ..... farms, 1997..	86	35	211	74	106	122	15
1992..	83	34	210	76	114	136	18
number, 1997..	2 003	730	3 579	1 618	1 076	2 192	110
1992..	1 757	643	3 100	1 648	1 423	1 797	(D)
1997 farms by inventory:							
1 to 9 ..... farms..	33	16	109	24	71	46	11
number..	(D)	77	477	(D)	280	(D)	61
10 to 19 ..... farms..	14	4	45	21	18	41	4
number..	182	46	606	293	225	542	49
20 to 49 ..... farms..	26	11	49	22	13	23	–
number..	770	352	1 435	687	344	634	–
50 to 99 ..... farms..	11	4	5	5	4	11	–
number..	685	255	301	292	227	688	–
100 to 199 ..... farms..	2	–	2	2	–	1	–
number..	(D)	–	(D)	(D)	–	(D)	–
200 to 499 ..... farms..	–	–	1	–	–	–	–
number..	–	–	(D)	–	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Milk cows ..... farms, 1997..	35	10	71	17	27	76	–
1992..	52	14	99	21	35	78	1
number, 1997..	1 933	626	2 854	1 113	1 843	1 480	–
1992..	2 222	540	3 943	920	2 376	1 717	(D)
1997 farms by inventory:							
1 to 9 ..... farms..	2	–	17	4	7	24	–
number..	(D)	–	40	(D)	(D)	(D)	–
10 to 19 ..... farms..	3	–	5	–	3	33	–
number..	46	–	61	–	45	464	–
20 to 49 ..... farms..	15	3	24	4	4	12	–
number..	503	(D)	783	127	137	356	–
50 to 99 ..... farms..	10	6	18	5	5	6	–
number..	582	395	1 080	305	368	415	–
100 to 199 ..... farms..	4	1	7	3	7	1	–
number..	594	(D)	890	465	982	(D)	–
200 to 499 ..... farms..	1	–	–	1	1	–	–
number..	(D)	–	–	(D)	(D)	–	–
500 or more ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms, 1997..	102	44	257	83	105	170	13
1992..	122	43	281	89	140	183	17
number, 1997..	2 370	902	5 563	1 662	1 668	2 105	(D)
1992..	2 737	770	5 109	1 609	2 485	2 657	99
1997 farms by inventory:							
1 to 9 ..... farms..	48	26	144	45	65	99	12
number..	(D)	118	(D)	182	244	467	46
10 to 19 ..... farms..	20	5	42	19	16	40	1
number..	278	(D)	558	269	183	542	(D)
20 to 49 ..... farms..	22	7	49	11	15	26	–
number..	673	218	1 435	312	380	706	–
50 to 99 ..... farms..	6	4	13	4	5	4	–
number..	378	288	804	240	312	(D)	–
100 to 199 ..... farms..	5	2	7	2	4	1	–
number..	612	(D)	827	(D)	549	(D)	–
200 to 499 ..... farms..	1	–	1	2	–	–	–
number..	(D)	–	(D)	(D)	–	–	–
500 or more ..... farms..	–	–	1	–	–	–	–
number..	–	–	(D)	–	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
INVENTORY								
Cattle and calves ..... farms, 1997..	102	270	387	50	450	278	406	116
1992..	96	280	408	62	604	311	469	117
number, 1997..	6 072	25 575	21 633	2 123	59 918	21 243	32 661	7 013
1992..	4 535	22 557	23 974	2 385	83 033	21 231	36 274	10 217
Farms by inventory:								
1 to 9 ..... farms, 1997..	29	76	135	15	32	78	93	22
1992..	21	67	131	13	41	85	99	25
number, 1997..	(D)	400	686	(D)	157	371	483	(D)
1992..	(D)	331	606	(D)	171	393	518	(D)
10 to 19 ..... farms, 1997..	22	48	75	11	56	54	71	18
1992..	26	48	72	10	71	59	66	12
number, 1997..	325	674	1 035	167	764	767	971	274
1992..	377	664	986	128	931	793	891	183
20 to 49 ..... farms, 1997..	27	58	73	9	94	64	89	35
1992..	26	74	77	22	152	66	132	33
number, 1997..	803	1 702	2 397	277	3 186	2 025	2 852	1 116
1992..	765	2 431	2 412	603	4 686	2 200	3 915	1 096
50 to 99 ..... farms, 1997..	7	24	49	10	108	28	61	23
1992..	9	21	59	12	123	36	57	24
number, 1997..	464	1 708	3 449	694	7 622	2 129	4 262	1 528
1992..	569	1 499	4 309	876	8 487	2 714	3 998	1 713
100 to 199 ..... farms, 1997..	12	27	33	4	89	28	46	11
1992..	9	36	39	4	125	36	63	14
number, 1997..	1 624	3 932	4 603	492	11 819	3 805	6 610	1 565
1992..	1 173	5 197	5 083	420	16 692	5 023	8 975	1 826
200 to 499 ..... farms, 1997..	3	30	16	1	49	22	38	6
1992..	4	27	24	1	66	25	43	7
number, 1997..	781	8 194	4 984	(D)	14 068	6 564	10 722	1 759
1992..	1 063	7 455	6 937	(D)	18 400	6 648	11 875	2 170
500 or more ..... farms, 1997..	2	7	6	–	22	4	8	1
1992..	1	7	6	–	26	4	9	2
number, 1997..	(D)	8 965	4 479	–	22 302	5 582	6 761	(D)
1992..	(D)	4 980	3 641	–	33 666	3 460	6 102	(D)
Cows and heifers that had calved ..... farms, 1997..	55	168	262	45	247	204	250	94
1992..	56	181	268	52	347	222	293	91
number, 1997..	2 061	9 033	8 961	948	14 201	8 300	13 572	3 387
1992..	1 639	8 969	9 580	1 160	17 565	8 840	14 909	3 370
Beef cows ..... farms, 1997..	44	109	163	33	66	132	160	72
1992..	46	108	126	32	76	134	161	71
number, 1997..	1 391	1 813	1 960	418	926	2 203	2 800	1 659
1992..	956	1 401	1 605	520	1 163	2 026	2 892	1 849
1997 farms by inventory:								
1 to 9 ..... farms..	17	57	102	18	31	75	72	22
number..	(D)	(D)	412	(D)	123	345	(D)	(D)
10 to 19 ..... farms..	16	32	33	9	19	28	43	21
number..	215	421	451	119	249	371	551	307
20 to 49 ..... farms..	4	9	21	5	13	20	36	20
number..	105	273	528	160	334	580	1 108	584
50 to 99 ..... farms..	3	9	4	1	2	6	7	8
number..	210	636	249	(D)	(D)	393	490	531
100 to 199 ..... farms..	3	2	3	–	1	2	2	1
number..	391	(D)	320	–	(D)	(D)	(D)	(D)
200 to 499 ..... farms..	1	–	–	–	–	1	–	–
number..	(D)	–	–	–	–	(D)	–	–
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Milk cows ..... farms, 1997..	13	64	103	13	188	80	100	25
1992..	12	84	150	20	278	94	147	25
number, 1997..	670	7 220	7 001	530	13 275	6 097	10 772	1 728
1992..	683	7 568	7 975	640	16 402	6 814	12 017	1 521
1997 farms by inventory:								
1 to 9 ..... farms..	2	5	15	2	8	10	7	4
number..	(D)	(D)	48	(D)	(D)	(D)	(D)	10
10 to 19 ..... farms..	–	3	15	2	14	7	4	2
number..	–	46	219	(D)	192	101	63	(D)
20 to 49 ..... farms..	5	11	34	6	67	15	19	6
number..	165	391	1 158	219	2 206	470	607	245
50 to 99 ..... farms..	5	15	19	2	60	28	33	7
number..	345	1 072	1 388	(D)	3 996	1 792	2 368	550
100 to 199 ..... farms..	1	25	12	1	29	16	26	5
number..	(D)	3 305	1 651	(D)	3 645	2 193	3 565	667
200 to 499 ..... farms..	–	3	8	–	9	3	10	1
number..	–	873	2 537	–	2 301	810	2 722	(D)
500 or more ..... farms..	–	2	–	–	1	1	1	–
number..	–	(D)	–	–	(D)	(D)	(D)	–
Heifers and heifer calves ..... farms, 1997..	65	164	246	40	255	194	268	90
1992..	67	170	275	51	370	219	306	88
number, 1997..	1 452	8 228	7 390	762	13 327	8 045	10 468	1 960
1992..	1 374	7 630	7 718	826	18 878	7 618	11 783	2 949
1997 farms by inventory:								
1 to 9 ..... farms..	37	69	132	20	55	91	117	41
number..	147	(D)	(D)	69	220	341	(D)	(D)
10 to 19 ..... farms..	11	27	44	7	49	26	39	25
number..	143	373	580	93	649	335	510	355
20 to 49 ..... farms..	10	22	32	10	76	43	48	14
number..	276	734	982	319	2 441	1 399	1 468	407
50 to 99 ..... farms..	4	18	19	2	43	17	30	6
number..	311	1 254	1 139	(D)	2 900	1 215	2 108	437
100 to 199 ..... farms..	2	18	12	1	23	14	25	3
number..	(D)	2 217	1 543	(D)	2 868	1 838	3 376	359
200 to 499 ..... farms..	1	8	5	–	6	1	8	1
number..	(D)	2 185	1 226	–	1 378	(D)	1 957	(D)
500 or more ..... farms..	–	2	2	–	3	2	1	–
number..	–	(D)	(D)	–	2 871	(D)	(D)	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
INVENTORY								
Cattle and calves ..... farms, 1997..	47	384	339	149	39	356	3	64
1992..	55	435	408	176	36	431	2	61
number, 1997..	2 038	30 100	21 773	12 872	917	27 633	26	2 248
1992..	1 845	32 589	27 696	11 681	769	32 184	(D)	1 716
Farms by inventory:								
1 to 9 ..... farms, 1997..	3	79	104	47	17	90	2	15
1992..	14	63	113	55	14	107	1	22
number, 1997..	(D)	425	493	206	(D)	419	(D)	68
1992..	(D)	312	542	230	(D)	554	(D)	(D)
10 to 19 ..... farms, 1997..	12	56	68	31	9	68	1	15
1992..	13	56	87	32	12	70	1	17
number, 1997..	172	786	948	432	129	899	(D)	205
1992..	189	777	1 117	414	168	958	(D)	253
20 to 49 ..... farms, 1997..	19	92	72	36	6	85	–	21
1992..	13	137	94	46	6	106	–	14
number, 1997..	611	2 873	2 255	1 182	193	2 611	–	595
1992..	360	4 379	2 879	1 475	162	3 358	–	455
50 to 99 ..... farms, 1997..	9	69	37	12	6	45	–	9
1992..	13	80	44	15	3	57	–	4
number, 1997..	607	4 878	2 594	760	382	3 177	–	561
1992..	926	5 580	3 232	978	230	3 916	–	248
100 to 199 ..... farms, 1997..	3	41	33	11	1	32	–	2
1992..	2	58	47	16	1	53	–	3
number, 1997..	425	5 330	4 275	1 606	(D)	4 548	–	(D)
1992..	(D)	8 001	6 581	2 212	(D)	7 223	–	400
200 to 499 ..... farms, 1997..	1	43	20	6	–	27	–	2
1992..	–	37	16	9	–	28	–	1
number, 1997..	(D)	12 446	6 044	1 559	–	8 355	–	(D)
1992..	–	10 620	4 939	2 734	–	8 506	–	(D)
500 or more ..... farms, 1997..	–	4	5	6	–	9	–	–
1992..	–	4	7	3	–	10	–	–
number, 1997..	–	3 362	5 164	7 127	–	7 624	–	–
1992..	–	2 920	8 406	3 638	–	7 669	–	–
Cows and heifers that had calved ..... farms, 1997..	42	287	223	92	25	272	3	62
1992..	51	335	281	105	23	319	2	51
number, 1997..	1 117	12 677	6 607	5 153	469	11 866	14	1 208
1992..	1 174	14 735	8 774	3 431	329	13 545	(D)	768
Beef cows ..... farms, 1997..	38	170	182	76	21	189	3	54
1992..	44	182	215	84	16	184	2	40
number, 1997..	991	2 817	2 671	1 996	239	2 769	14	939
1992..	900	4 011	3 582	1 160	135	2 327	(D)	475
1997 farms by inventory:								
1 to 9 ..... farms..	11	83	98	35	13	102	3	20
number..	(D)	(D)	(D)	145	63	(D)	14	(D)
10 to 19 ..... farms..	11	38	45	21	4	47	–	19
number..	160	527	639	300	50	630	–	251
20 to 49 ..... farms..	9	36	27	16	4	32	–	11
number..	255	1 011	768	410	126	1 009	–	302
50 to 99 ..... farms..	6	11	11	1	–	7	–	3
number..	405	638	679	(D)	–	536	–	190
100 to 199 ..... farms..	1	2	1	1	–	1	–	1
number..	(D)	(D)	(D)	(D)	–	(D)	–	(D)
200 to 499 ..... farms..	–	–	–	1	–	–	–	–
number..	–	–	–	(D)	–	–	–	–
500 or more ..... farms..	–	–	–	1	–	–	–	–
number..	–	–	–	(D)	–	–	–	–
Milk cows ..... farms, 1997..	5	125	47	17	6	93	–	9
1992..	8	174	70	21	7	148	–	15
number, 1997..	126	9 860	3 936	3 157	230	9 097	–	269
1992..	274	10 724	5 192	2 271	194	11 218	–	293
1997 farms by inventory:								
1 to 9 ..... farms..	2	7	5	2	1	7	–	4
number..	(D)	(D)	(D)	(D)	(D)	28	–	(D)
10 to 19 ..... farms..	–	9	–	–	–	5	–	–
number..	–	130	–	–	–	63	–	–
20 to 49 ..... farms..	2	38	11	2	4	29	–	4
number..	(D)	1 264	345	(D)	(D)	989	–	128
50 to 99 ..... farms..	1	34	14	6	1	25	–	–
number..	(D)	2 321	1 007	509	(D)	1 827	–	–
100 to 199 ..... farms..	–	29	15	5	–	15	–	1
number..	–	3 637	2 161	683	–	1 970	–	(D)
200 to 499 ..... farms..	–	7	2	–	–	9	–	–
number..	–	1 962	(D)	–	–	2 201	–	–
500 or more ..... farms..	–	1	–	2	–	3	–	–
number..	–	(D)	–	(D)	–	2 019	–	–
Heifers and heifer calves ..... farms, 1997..	39	278	225	91	23	244	2	52
1992..	44	328	288	113	27	329	1	50
number, 1997..	438	9 472	5 076	4 421	256	9 820	(D)	629
1992..	399	10 360	8 017	2 814	254	11 638	(D)	692
1997 farms by inventory:								
1 to 9 ..... farms..	23	104	134	56	16	111	2	37
number..	104	(D)	531	233	56	(D)	(D)	149
10 to 19 ..... farms..	8	61	30	14	3	41	–	8
number..	113	802	(D)	181	(D)	543	–	(D)
20 to 49 ..... farms..	8	55	30	6	3	40	–	5
number..	221	1 599	919	(D)	87	1 161	–	144
50 to 99 ..... farms..	–	28	16	5	1	23	–	1
number..	–	1 826	1 097	387	(D)	1 593	–	(D)
100 to 199 ..... farms..	–	25	14	4	–	17	–	1
number..	–	3 224	1 911	540	–	2 253	–	(D)
200 to 499 ..... farms..	–	4	1	4	–	10	–	–
number..	–	1 057	(D)	1 030	–	2 677	–	–
500 or more ..... farms..	–	1	–	2	–	2	–	–
number..	–	(D)	–	(D)	–	(D)	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
INVENTORY								
Cattle and calves ..... farms, 1997..	402	64	280	190	13	39	93	88
1992..	484	83	309	242	17	49	96	90
number, 1997..	23 621	5 161	20 026	10 896	1 073	2 701	3 289	2 435
1992..	26 241	4 697	22 783	15 655	1 167	3 777	5 695	2 254
Farms by inventory:								
1 to 9 ..... farms, 1997..	102	12	91	52	1	7	32	27
1992..	121	17	97	65	3	11	31	30
number, 1997..	493	62	418	(D)	(D)	38	160	149
1992..	(D)	(D)	430	325	13	52	(D)	(D)
10 to 19 ..... farms, 1997..	83	13	58	35	2	4	19	23
1992..	97	13	52	44	2	7	23	18
number, 1997..	1 136	185	780	479	(D)	53	242	316
1992..	1 333	155	750	620	(D)	90	307	272
20 to 49 ..... farms, 1997..	96	17	52	45	4	14	28	24
1992..	121	29	59	54	4	8	19	26
number, 1997..	3 034	551	1 575	1 416	137	434	851	765
1992..	3 688	863	1 851	1 795	129	282	530	763
50 to 99 ..... farms, 1997..	69	12	19	31	3	8	5	10
1992..	73	10	33	40	4	13	9	15
number, 1997..	4 715	741	1 332	1 994	273	571	375	662
1992..	5 060	710	2 267	2 801	236	858	587	940
100 to 199 ..... farms, 1997..	32	7	35	15	2	3	4	4
1992..	43	12	32	20	2	5	9	1
number, 1997..	4 338	922	5 112	2 251	(D)	335	529	543
1992..	5 882	1 649	4 734	2 752	(D)	651	1 256	(D)
200 to 499 ..... farms, 1997..	15	1	18	10	1	1	5	–
1992..	27	1	31	15	2	5	4	–
number, 1997..	4 006	(D)	5 571	2 962	(D)	(D)	1 132	–
1992..	7 268	(D)	8 656	4 438	(D)	1 844	970	–
500 or more ..... farms, 1997..	5	2	7	2	–	2	–	–
1992..	2	1	5	4	–	–	1	–
number, 1997..	5 899	(D)	5 238	(D)	–	(D)	–	–
1992..	(D)	(D)	4 095	2 924	–	–	(D)	–
Cows and heifers that had calved ..... farms, 1997..	305	44	158	136	13	33	64	69
1992..	337	61	169	190	12	44	68	76
number, 1997..	8 352	1 047	6 557	4 181	433	1 318	1 469	819
1992..	10 308	1 190	6 832	6 411	317	1 556	1 577	1 168
Beef cows ..... farms, 1997..	212	33	103	96	13	23	50	63
1992..	209	44	82	131	12	28	44	68
number, 1997..	2 473	539	1 116	1 139	433	567	577	703
1992..	2 625	451	1 054	1 740	317	525	312	952
1997 farms by inventory:								
1 to 9 ..... farms..	118	12	69	53	3	4	25	39
number..	494	(D)	293	(D)	(D)	17	117	(D)
10 to 19 ..... farms..	59	9	15	26	2	10	16	14
number..	742	109	199	363	(D)	137	213	187
20 to 49 ..... farms..	30	11	15	16	6	6	9	9
number..	836	331	401	410	170	173	247	244
50 to 99 ..... farms..	4	1	4	–	1	2	–	1
number..	(D)	(D)	223	–	(D)	(D)	–	(D)
100 to 199 ..... farms..	1	–	–	1	1	1	–	–
number..	(D)	–	–	(D)	(D)	(D)	–	–
200 to 499 ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Milk cows ..... farms, 1997..	101	12	57	47	–	12	16	7
1992..	131	18	93	73	–	18	25	11
number, 1997..	5 879	508	5 441	3 042	–	751	892	116
1992..	7 683	739	5 778	4 671	–	1 031	1 265	216
1997 farms by inventory:								
1 to 9 ..... farms..	10	3	2	10	–	3	2	2
number..	28	24	(D)	36	–	(D)	(D)	(D)
10 to 19 ..... farms..	8	–	2	3	–	–	2	1
number..	108	–	(D)	40	–	–	(D)	(D)
20 to 49 ..... farms..	35	4	8	13	–	7	5	4
number..	1 179	150	289	485	–	262	167	96
50 to 99 ..... farms..	31	5	19	11	–	–	2	–
number..	2 031	334	1 343	806	–	–	(D)	–
100 to 199 ..... farms..	14	–	23	7	–	–	5	–
number..	1 728	–	2 930	913	–	–	550	–
200 to 499 ..... farms..	3	–	3	3	–	2	–	–
number..	805	–	838	762	–	(D)	–	–
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms, 1997..	291	41	152	138	12	30	51	63
1992..	360	45	177	166	12	38	55	72
number, 1997..	7 197	661	6 061	3 746	253	869	1 122	563
1992..	8 025	864	7 076	4 809	295	1 417	1 326	609
1997 farms by inventory:								
1 to 9 ..... farms..	146	21	81	69	5	15	33	43
number..	590	93	349	285	(D)	73	136	169
10 to 19 ..... farms..	56	10	17	26	4	5	4	12
number..	703	131	(D)	348	53	68	49	(D)
20 to 49 ..... farms..	59	6	16	24	2	6	6	7
number..	1 823	195	481	786	(D)	168	160	188
50 to 99 ..... farms..	18	4	22	10	–	2	5	1
number..	1 150	242	1 614	707	–	(D)	427	(D)
100 to 199 ..... farms..	9	–	11	5	1	–	3	–
number..	1 166	–	1 440	595	(D)	–	350	–
200 to 499 ..... farms..	2	–	3	4	–	2	–	–
number..	(D)	–	714	1 025	–	(D)	–	–
500 or more ..... farms..	1	–	2	–	–	–	–	–
number..	(D)	–	(D)	–	–	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
INVENTORY								
Cattle and calves ..... farms, 1997..	43	147	297	197	128	171	170	404
1992..	40	127	350	216	128	196	179	404
number, 1997..	2 556	9 025	15 760	18 694	4 552	23 695	5 529	21 352
1992..	1 836	8 859	17 965	17 415	5 412	24 640	6 799	23 717
Farms by inventory:								
1 to 9 ..... farms, 1997..	16	39	46	22	45	27	84	114
1992..	17	26	61	41	41	32	80	103
number, 1997..	85	(D)	(D)	123	232	164	330	498
1992..	79	(D)	282	(D)	(D)	180	(D)	(D)
10 to 19 ..... farms, 1997..	9	27	54	30	31	19	38	87
1992..	7	17	73	26	32	21	37	85
number, 1997..	118	368	795	401	437	247	493	1 162
1992..	96	224	1 048	376	444	294	485	1 188
20 to 49 ..... farms, 1997..	7	32	105	42	32	26	21	90
1992..	7	36	116	45	32	19	29	72
number, 1997..	237	952	3 346	1 302	884	843	601	2 721
1992..	210	1 099	3 521	1 500	958	605	870	2 208
50 to 99 ..... farms, 1997..	4	24	54	46	15	21	7	49
1992..	3	22	54	46	14	29	16	69
number, 1997..	258	1 708	3 733	3 388	1 009	1 573	438	3 332
1992..	180	1 364	3 795	3 528	868	2 210	1 012	4 846
100 to 199 ..... farms, 1997..	4	15	22	30	1	35	14	36
1992..	3	14	34	39	4	55	7	48
number, 1997..	475	1 882	2 812	4 408	(D)	4 884	1 932	4 934
1992..	501	1 679	4 545	5 120	470	7 618	971	6 684
200 to 499 ..... farms, 1997..	2	8	15	23	2	36	6	28
1992..	3	11	9	17	2	34	9	25
number, 1997..	(D)	2 518	4 271	6 894	(D)	10 391	1 735	8 705
1992..	770	3 415	2 964	5 390	(D)	9 900	2 545	6 863
500 or more ..... farms, 1997..	1	2	1	4	2	7	–	–
1992..	–	1	3	2	3	6	1	2
number, 1997..	(D)	(D)	(D)	2 178	(D)	5 593	–	–
1992..	–	(D)	1 810	(D)	1 800	3 833	(D)	(D)
Cows and heifers that had calved ..... farms, 1997..	36	107	260	181	98	146	74	286
1992..	34	103	296	192	102	159	77	301
number, 1997..	1 340	3 531	7 820	8 519	1 715	11 368	1 235	9 430
1992..	923	3 391	7 755	8 048	1 616	10 835	1 400	10 269
Beef cows ..... farms, 1997..	32	63	153	103	87	63	57	175
1992..	27	55	178	84	90	54	56	164
number, 1997..	568	693	2 563	2 104	1 011	1 013	484	1 813
1992..	347	811	2 398	1 392	1 127	1 008	380	1 758
1997 farms by inventory:								
1 to 9 ..... farms..	16	35	65	46	48	32	45	106
number..	77	(D)	319	(D)	(D)	151	159	438
10 to 19 ..... farms..	5	17	40	26	22	13	6	37
number..	57	228	523	367	260	166	(D)	441
20 to 49 ..... farms..	7	10	38	22	15	15	4	28
number..	186	270	1 047	621	415	424	115	713
50 to 99 ..... farms..	4	1	10	5	2	2	2	4
number..	248	(D)	674	301	(D)	(D)	(D)	221
100 to 199 ..... farms..	–	–	–	3	–	1	–	–
number..	–	–	–	391	–	(D)	–	–
200 to 499 ..... farms..	–	–	–	1	–	–	–	–
number..	–	–	–	(D)	–	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Milk cows ..... farms, 1997..	6	46	117	88	13	91	18	120
1992..	9	53	130	120	14	111	21	144
number, 1997..	772	2 838	5 257	6 415	704	10 355	751	7 617
1992..	576	2 580	5 357	6 656	489	9 827	1 020	8 511
1997 farms by inventory:								
1 to 9 ..... farms..	–	5	15	3	3	2	7	14
number..	–	(D)	75	14	(D)	(D)	(D)	58
10 to 19 ..... farms..	1	–	30	3	1	2	–	9
number..	(D)	–	387	42	(D)	(D)	–	128
20 to 49 ..... farms..	–	22	36	37	5	13	3	33
number..	–	701	1 143	1 408	147	466	106	1 049
50 to 99 ..... farms..	3	11	21	28	1	38	7	38
number..	175	741	1 459	2 070	(D)	2 665	499	2 543
100 to 199 ..... farms..	–	6	12	12	3	27	1	22
number..	–	887	1 551	1 743	470	3 628	(D)	2 933
200 to 499 ..... farms..	2	2	3	5	–	6	–	4
number..	(D)	(D)	642	1 138	–	1 360	–	906
500 or more ..... farms..	–	–	–	–	–	3	–	–
number..	–	–	–	–	–	2 195	–	–
Heifers and heifer calves ..... farms, 1997..	29	100	233	168	86	147	73	269
1992..	28	99	279	185	99	163	82	310
number, 1997..	771	3 685	5 312	6 949	1 769	10 064	1 138	7 266
1992..	568	2 719	6 395	6 970	1 318	10 154	1 256	8 802
1997 farms by inventory:								
1 to 9 ..... farms..	18	51	103	53	59	38	49	129
number..	84	206	(D)	233	213	(D)	133	487
10 to 19 ..... farms..	4	9	58	25	15	22	8	47
number..	50	116	772	313	193	276	(D)	642
20 to 49 ..... farms..	4	22	49	39	6	21	6	45
number..	95	662	1 451	1 267	134	738	179	1 370
50 to 99 ..... farms..	1	8	12	32	3	28	9	28
number..	(D)	475	831	2 228	210	1 950	631	1 914
100 to 199 ..... farms..	1	7	9	14	1	26	1	17
number..	(D)	919	1 350	1 748	(D)	3 405	(D)	2 201
200 to 499 ..... farms..	1	2	2	5	1	11	–	3
number..	(D)	(D)	(D)	1 160	(D)	3 020	–	652
500 or more ..... farms..	–	1	–	–	1	1	–	–
number..	–	(D)	–	–	(D)	(D)	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
INVENTORY								
Cattle and calves ..... farms, 1997..	67	130	341	81	160	158	49	303
1992..	75	151	336	85	192	159	60	285
number, 1997..	2 963	13 741	22 412	2 029	11 592	20 997	3 193	20 059
1992..	2 751	11 052	20 798	2 644	10 738	16 197	3 352	18 522
Farms by inventory:								
1 to 9 ..... farms, 1997..	14	27	85	33	33	23	5	60
1992..	15	42	76	36	49	24	9	51
number, 1997..	(D)	144	404	145	167	123	28	296
1992..	(D)	195	(D)	(D)	(D)	112	36	(D)
10 to 19 ..... farms, 1997..	11	37	56	17	35	18	6	59
1992..	19	32	57	16	39	19	5	46
number, 1997..	165	557	779	199	487	258	92	868
1992..	272	463	781	211	518	264	82	675
20 to 49 ..... farms, 1997..	26	23	88	20	37	39	19	77
1992..	27	30	79	19	46	34	22	89
number, 1997..	845	777	2 811	581	1 164	1 150	633	2 413
1992..	873	924	2 314	522	1 422	1 214	641	2 779
50 to 99 ..... farms, 1997..	11	14	50	7	32	23	7	52
1992..	10	16	63	6	28	28	17	46
number, 1997..	829	1 092	3 565	486	2 270	1 604	570	3 688
1992..	762	1 040	4 392	442	1 852	1 880	1 176	3 215
100 to 199 ..... farms, 1997..	2	18	31	4	12	25	9	28
1992..	3	18	34	7	20	29	3	27
number, 1997..	(D)	2 574	4 060	618	1 670	3 517	1 110	3 666
1992..	450	2 428	4 634	960	2 576	4 026	300	3 758
200 to 499 ..... farms, 1997..	3	7	27	–	8	26	3	24
1992..	1	10	25	1	8	22	4	24
number, 1997..	810	2 399	7 781	–	2 510	7 809	760	6 952
1992..	(D)	2 967	6 831	(D)	2 540	6 791	1 117	6 699
500 or more ..... farms, 1997..	–	4	4	–	3	4	–	3
1992..	–	3	2	–	2	3	–	2
number, 1997..	–	6 198	3 012	–	3 324	6 536	–	2 176
1992..	–	3 035	(D)	–	(D)	1 910	–	(D)
Cows and heifers that had calved ..... farms, 1997..	55	99	267	60	121	125	46	254
1992..	66	102	253	60	136	130	53	242
number, 1997..	1 399	7 240	10 503	957	4 288	7 422	1 774	9 924
1992..	1 380	3 911	8 788	1 183	4 179	7 171	1 628	8 890
Beef cows ..... farms, 1997..	43	61	156	54	76	75	34	181
1992..	47	60	129	52	103	74	36	165
number, 1997..	716	563	1 635	584	928	1 708	1 092	3 968
1992..	508	660	1 292	694	1 550	1 945	1 018	3 224
1997 farms by inventory:								
1 to 9 ..... farms..	12	38	93	32	44	23	11	82
number..	(D)	(D)	384	(D)	(D)	(D)	(D)	369
10 to 19 ..... farms..	17	16	38	12	21	23	6	53
number..	234	185	496	151	273	327	78	739
20 to 49 ..... farms..	12	6	25	8	9	21	10	31
number..	312	140	755	196	259	675	307	908
50 to 99 ..... farms..	2	1	–	2	2	7	5	10
number..	(D)	(D)	–	(D)	(D)	488	336	703
100 to 199 ..... farms..	–	–	–	–	–	1	1	3
number..	–	–	–	–	–	(D)	(D)	(D)
200 to 499 ..... farms..	–	–	–	–	–	–	1	1
number..	–	–	–	–	–	–	(D)	(D)
500 or more ..... farms..	–	–	–	–	–	–	–	1
number..	–	–	–	–	–	–	–	(D)
Milk cows ..... farms, 1997..	13	41	127	11	48	58	17	85
1992..	22	45	133	10	41	67	18	91
number, 1997..	683	6 677	8 868	373	3 360	5 714	682	5 956
1992..	872	3 251	7 496	489	2 629	5 226	610	5 666
1997 farms by inventory:								
1 to 9 ..... farms..	2	5	6	5	7	4	4	13
number..	(D)	12	16	(D)	24	(D)	10	28
10 to 19 ..... farms..	1	1	14	–	2	2	2	3
number..	(D)	(D)	215	–	(D)	(D)	(D)	41
20 to 49 ..... farms..	6	8	46	1	22	9	5	27
number..	233	246	1 380	(D)	749	341	167	917
50 to 99 ..... farms..	1	16	31	5	12	16	5	17
number..	(D)	1 097	2 091	330	865	1 097	342	1 178
100 to 199 ..... farms..	3	5	23	–	1	21	1	19
number..	360	612	3 285	–	(D)	2 724	(D)	2 429
200 to 499 ..... farms..	–	4	7	–	3	6	–	6
number..	–	1 034	1 881	–	715	1 499	–	1 363
500 or more ..... farms..	–	2	–	–	1	–	–	–
number..	–	(D)	–	–	(D)	–	–	–
Heifers and heifer calves ..... farms, 1997..	49	98	262	56	122	125	38	238
1992..	50	117	272	50	146	126	51	229
number, 1997..	1 001	4 009	8 484	701	3 664	7 232	932	6 783
1992..	879	3 641	8 463	804	3 140	5 974	1 090	6 951
1997 farms by inventory:								
1 to 9 ..... farms..	27	37	118	42	56	50	20	114
number..	127	136	499	154	218	246	103	538
10 to 19 ..... farms..	8	24	43	5	24	13	5	36
number..	(D)	315	583	63	311	(D)	(D)	(D)
20 to 49 ..... farms..	9	17	53	5	27	21	7	47
number..	239	570	1 619	146	778	641	174	1 492
50 to 99 ..... farms..	3	12	29	2	9	22	4	21
number..	212	870	1 920	(D)	615	1 499	274	1 418
100 to 199 ..... farms..	2	5	16	2	2	12	2	18
number..	(D)	748	2 236	(D)	(D)	1 690	(D)	2 309
200 to 499 ..... farms..	–	2	2	–	2	6	–	2
number..	–	(D)	(D)	–	(D)	1 492	–	(D)
500 or more ..... farms..	–	1	1	–	2	1	–	–
number..	–	(D)	(D)	–	(D)	(D)	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
INVENTORY								
Cattle and calves ..... farms, 1997..	52	43	451	166	14	218	316	269
1992..	54	58	545	176	11	242	335	285
number, 1997..	2 388	2 548	36 159	9 247	428	8 659	10 084	11 680
1992..	2 467	2 704	41 580	9 285	294	13 282	15 087	12 997
Farms by inventory:								
1 to 9 ..... farms, 1997..	12	9	100	33	5	74	95	84
1992..	10	9	107	29	4	73	97	85
number, 1997..	(D)	38	482	157	25	319	477	385
1992..	(D)	(D)	498	147	(D)	(D)	(D)	(D)
10 to 19 ..... farms, 1997..	8	2	89	23	4	41	74	56
1992..	7	12	100	30	3	43	71	71
number, 1997..	115	(D)	1 232	307	63	569	1 000	769
1992..	91	183	1 355	446	40	588	962	975
20 to 49 ..... farms, 1997..	16	13	103	59	2	52	92	82
1992..	22	20	119	62	2	43	80	75
number, 1997..	590	437	3 255	1 969	(D)	1 641	2 619	2 642
1992..	704	622	3 656	2 009	(D)	1 418	2 508	2 435
50 to 99 ..... farms, 1997..	9	12	64	23	2	28	33	26
1992..	7	9	89	29	1	46	58	29
number, 1997..	634	943	4 578	1 609	(D)	1 839	2 320	1 672
1992..	478	668	6 379	2 070	(D)	3 080	3 869	1 798
100 to 199 ..... farms, 1997..	6	5	43	21	1	15	19	14
1992..	7	7	75	20	1	25	19	17
number, 1997..	782	661	5 512	2 834	(D)	2 004	2 602	1 850
1992..	888	930	9 961	2 699	(D)	3 398	2 617	2 263
200 to 499 ..... farms, 1997..	1	2	40	7	–	8	3	3
1992..	1	1	47	6	–	11	9	6
number, 1997..	(D)	(D)	11 726	2 371	–	2 287	1 066	878
1992..	(D)	(D)	13 185	1 914	–	3 187	2 890	1 626
500 or more ..... farms, 1997..	–	–	12	–	–	–	–	4
1992..	–	–	8	–	–	1	1	2
number, 1997..	–	–	9 374	–	–	–	–	3 484
1992..	–	–	6 546	–	–	(D)	(D)	(D)
Cows and heifers that had calved ..... farms, 1997..	42	27	311	130	10	112	235	181
1992..	47	38	363	140	8	145	259	177
number, 1997..	1 132	925	15 598	4 211	256	3 351	4 169	5 308
1992..	1 033	1 011	17 114	3 865	178	4 582	5 389	5 043
Beef cows ..... farms, 1997..	24	21	184	97	10	74	206	119
1992..	21	30	196	107	8	82	182	113
number, 1997..	593	589	2 421	1 867	256	697	2 399	1 598
1992..	381	530	3 644	1 816	(D)	780	2 326	1 876
1997 farms by inventory:								
1 to 9 ..... farms..	10	5	101	38	2	41	111	66
number..	(D)	22	463	(D)	(D)	(D)	(D)	281
10 to 19 ..... farms..	4	5	50	22	3	27	63	24
number..	55	76	639	305	35	393	816	321
20 to 49 ..... farms..	8	8	25	30	4	5	30	25
number..	288	261	692	872	113	110	871	713
50 to 99 ..... farms..	1	2	6	5	–	1	1	3
number..	(D)	(D)	(D)	283	–	(D)	(D)	(D)
100 to 199 ..... farms..	1	1	2	2	1	–	1	1
number..	(D)	(D)	(D)	(D)	(D)	–	(D)	(D)
200 to 499 ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Milk cows ..... farms, 1997..	18	6	137	37	–	40	38	76
1992..	30	10	184	35	1	67	83	78
number, 1997..	539	336	13 177	2 344	–	2 654	1 770	3 710
1992..	652	481	13 470	2 049	(D)	3 802	3 063	3 167
1997 farms by inventory:								
1 to 9 ..... farms..	2	–	6	2	–	2	5	33
number..	(D)	–	(D)	(D)	–	(D)	23	109
10 to 19 ..... farms..	2	–	8	5	–	1	3	20
number..	(D)	–	123	79	–	(D)	45	270
20 to 49 ..... farms..	11	1	34	16	–	16	15	11
number..	327	(D)	1 178	517	–	569	556	315
50 to 99 ..... farms..	3	5	39	9	–	13	12	3
number..	176	(D)	2 629	665	–	824	747	171
100 to 199 ..... farms..	–	–	41	1	–	7	3	6
number..	–	–	5 520	(D)	–	982	399	760
200 to 499 ..... farms..	–	–	7	4	–	1	–	1
number..	–	–	1 988	929	–	(D)	–	(D)
500 or more ..... farms..	–	–	2	–	–	–	–	2
number..	–	–	(D)	–	–	–	–	(D)
Heifers and heifer calves ..... farms, 1997..	44	33	272	126	8	100	213	186
1992..	44	39	370	145	8	150	257	176
number, 1997..	842	701	12 056	2 412	56	2 323	2 812	3 526
1992..	906	544	12 742	2 392	50	3 643	4 297	4 384
1997 farms by inventory:								
1 to 9 ..... farms..	17	11	116	63	4	46	135	104
number..	63	46	459	243	6	207	526	(D)
10 to 19 ..... farms..	10	8	33	28	4	16	40	35
number..	138	108	(D)	368	50	212	525	476
20 to 49 ..... farms..	13	9	53	23	–	25	26	34
number..	404	207	1 666	603	–	751	811	959
50 to 99 ..... farms..	4	5	31	7	–	8	9	8
number..	237	340	2 121	552	–	463	583	478
100 to 199 ..... farms..	–	–	26	5	–	5	3	1
number..	–	–	3 352	646	–	690	367	(D)
200 to 499 ..... farms..	–	–	11	–	–	–	–	4
number..	–	–	2 976	–	–	–	–	1 023
500 or more ..... farms..	–	–	2	–	–	–	–	–
number..	–	–	(D)	–	–	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
INVENTORY								
Cattle and calves ..... farms, 1997..	659	22	270	368	230	270	43	89
1992..	677	30	357	388	214	289	34	83
number, 1997..	59 423	1 462	13 691	19 247	8 413	17 654	1 091	3 602
1992..	63 518	1 775	17 456	19 379	8 994	22 107	620	3 258
Farms by inventory:								
1 to 9 ..... farms, 1997..	85	1	95	104	76	79	28	25
1992..	82	3	102	107	60	69	21	23
number, 1997..	438	(D)	(D)	568	364	(D)	129	140
1992..	416	14	(D)	562	(D)	(D)	90	130
10 to 19 ..... farms, 1997..	75	5	43	66	47	51	9	19
1992..	77	2	81	67	44	40	5	19
number, 1997..	987	63	615	910	628	704	119	257
1992..	1 101	(D)	1 150	873	643	547	80	233
20 to 49 ..... farms, 1997..	177	7	66	102	57	52	1	23
1992..	143	13	74	105	63	66	5	19
number, 1997..	5 750	266	2 163	3 012	1 690	1 553	(D)	747
1992..	4 796	466	2 248	3 216	1 876	2 076	130	678
50 to 99 ..... farms, 1997..	132	6	32	37	27	25	2	14
1992..	157	7	40	50	22	41	1	15
number, 1997..	8 813	414	2 183	2 524	1 751	1 595	(D)	982
1992..	10 927	453	2 739	3 454	1 526	3 048	(D)	952
100 to 199 ..... farms, 1997..	109	1	20	39	16	39	1	5
1992..	128	4	47	42	18	48	2	4
number, 1997..	14 924	(D)	2 991	4 979	2 152	5 608	(D)	636
1992..	17 576	603	6 681	5 596	2 623	6 782	(D)	485
200 to 499 ..... farms, 1997..	67	2	12	17	7	23	2	3
1992..	80	1	12	14	6	23	–	3
number, 1997..	18 857	(D)	3 836	4 503	1 828	6 950	(D)	840
1992..	22 075	(D)	3 535	3 916	1 297	6 355	–	780
500 or more ..... farms, 1997..	14	–	2	3	–	1	–	–
1992..	10	–	1	3	1	2	–	–
number, 1997..	9 654	–	(D)	2 751	–	(D)	–	–
1992..	6 627	–	(D)	1 762	(D)	(D)	–	–
Cows and heifers that had calved ..... farms, 1997..	471	20	169	262	170	158	32	68
1992..	511	23	224	269	166	196	25	62
number, 1997..	25 027	742	5 660	8 075	3 924	6 302	597	1 479
1992..	27 695	972	7 478	8 268	3 820	8 633	261	1 428
Beef cows ..... farms, 1997..	184	17	109	185	141	100	27	50
1992..	163	22	134	180	131	111	22	41
number, 1997..	2 733	(D)	1 105	2 060	1 927	1 317	492	622
1992..	2 271	(D)	1 545	2 261	2 006	2 080	253	434
1997 farms by inventory:								
1 to 9 ..... farms..	82	3	73	108	78	53	23	30
number..	399	20	318	(D)	349	282	87	(D)
10 to 19 ..... farms..	48	4	18	48	30	25	1	11
number..	655	46	(D)	626	373	315	(D)	153
20 to 49 ..... farms..	49	8	16	27	27	17	–	7
number..	1 337	250	422	656	723	442	–	187
50 to 99 ..... farms..	4	1	2	1	5	5	1	2
number..	(D)	(D)	(D)	(D)	(D)	278	(D)	(D)
100 to 199 ..... farms..	1	1	–	1	1	–	2	–
number..	(D)	(D)	–	(D)	(D)	–	(D)	–
200 to 499 ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Milk cows ..... farms, 1997..	310	4	63	84	38	64	7	20
1992..	374	1	99	97	44	93	4	21
number, 1997..	22 294	(D)	4 555	6 015	1 997	4 985	105	857
1992..	25 424	(D)	5 933	6 007	1 814	6 553	8	994
1997 farms by inventory:								
1 to 9 ..... farms..	19	1	6	9	9	11	5	2
number..	59	(D)	14	21	28	(D)	(D)	(D)
10 to 19 ..... farms..	17	1	9	2	2	1	–	5
number..	275	(D)	138	(D)	(D)	(D)	–	70
20 to 49 ..... farms..	126	1	14	25	10	7	1	7
number..	4 150	(D)	434	868	323	239	(D)	251
50 to 99 ..... farms..	73	–	20	24	11	24	1	4
number..	5 122	–	1 398	1 392	762	1 617	(D)	245
100 to 199 ..... farms..	59	1	9	20	5	17	–	2
number..	7 601	(D)	1 161	2 366	590	2 125	–	(D)
200 to 499 ..... farms..	13	–	5	3	1	4	–	–
number..	3 357	–	1 410	820	(D)	951	–	–
500 or more ..... farms..	3	–	–	1	–	–	–	–
number..	1 730	–	–	(D)	–	–	–	–
Heifers and heifer calves..... farms, 1997..	490	16	165	225	144	153	28	66
1992..	517	20	214	269	147	181	20	58
number, 1997..	20 447	424	4 526	5 901	2 112	4 912	280	1 138
1992..	23 001	410	5 883	6 063	2 290	6 093	189	1 054
1997 farms by inventory:								
1 to 9 ..... farms..	138	8	85	121	88	76	24	34
number..	(D)	31	337	529	334	279	(D)	143
10 to 19 ..... farms..	87	2	29	37	24	17	–	10
number..	1 106	(D)	370	503	322	(D)	–	(D)
20 to 49 ..... farms..	132	2	22	34	25	24	3	18
number..	4 019	(D)	603	1 160	840	776	93	500
50 to 99 ..... farms..	80	3	20	17	4	23	–	3
number..	5 468	215	1 460	1 076	276	1 601	–	257
100 to 199 ..... farms..	41	1	6	13	3	12	1	1
number..	5 467	(D)	913	1 703	340	1 689	(D)	(D)
200 to 499 ..... farms..	11	–	3	3	–	1	–	–
number..	3 185	–	843	930	–	(D)	–	–
500 or more ..... farms..	1	–	–	–	–	–	–	–
number..	(D)	–	–	–	–	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
INVENTORY—Con.							
Cattle and calves—Con.							
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	12 981	98	22	364	182	58	73
1992..	14 176	102	27	449	159	68	81
number, 1997..	286 846	942	618	9 200	2 238	1 812	2 034
1992..	330 860	1 540	358	14 929	1 416	1 481	1 401
1997 farms by inventory:							
1 to 9 ..... farms..	7 856	65	15	239	110	30	36
number..	29 616	229	50	880	438	94	138
10 to 19 ..... farms..	2 285	22	3	48	46	10	13
number..	29 814	271	39	(D)	594	144	161
20 to 49 ..... farms..	1 703	8	1	32	21	11	13
number..	49 854	220	(D)	1 010	656	345	428
50 to 99 ..... farms..	664	3	2	23	2	4	5
number..	43 572	222	(D)	1 469	(D)	250	299
100 to 199 ..... farms..	293	–	–	16	3	1	3
number..	38 097	–	–	1 998	(D)	(D)	348
200 to 499 ..... farms..	132	–	1	4	–	2	3
number..	38 005	–	(D)	1 130	–	(D)	660
500 or more ..... farms..	48	–	–	2	–	–	–
number..	57 888	–	–	(D)	–	–	–
SALES							
Dairy products sold ..... farms, 1997..	3 696	12	9	137	41	12	27
1992..	4 836	8	9	196	43	18	38
$1,000, 1997..	645 713	1 578	1 054	37 091	4 857	1 772	5 356
1992..	616 567	1 230	757	31 488	4 550	1 887	4 720
Cattle and calves sold ..... farms, 1997..	14 293	101	25	442	201	72	75
1992..	15 780	118	27	523	184	75	85
number, 1997..	537 681	3 221	837	20 261	4 021	2 260	2 366
1992..	594 685	3 807	829	28 089	3 742	2 339	2 596
$1,000, 1997..	276 971	1 511	322	8 166	1 650	1 250	1 129
1992..	345 457	2 042	428	15 036	1 571	1 519	1 035
1997 farms by number sold:							
1 to 9 ..... farms..	6 127	30	9	195	90	28	28
number..	27 638	(D)	40	797	444	116	(D)
10 to 19 ..... farms..	3 081	30	5	64	52	18	15
number..	41 289	407	76	869	702	240	197
20 to 49 ..... farms..	3 080	31	7	82	39	15	18
number..	92 631	914	212	2 395	1 131	502	575
50 to 99 ..... farms..	1 189	6	1	48	13	8	9
number..	79 906	441	(D)	3 196	805	553	655
100 to 199 ..... farms..	511	3	2	34	7	1	4
number..	66 700	472	(D)	4 500	939	(D)	599
200 to 499 ..... farms..	205	–	1	13	–	2	1
number..	57 115	–	(D)	3 484	–	(D)	(D)
500 or more ..... farms..	100	1	–	6	–	–	–
number..	172 402	(D)	–	5 020	–	–	–
Calves sold ..... farms, 1997..	6 739	62	17	215	114	42	32
1992..	7 562	58	13	278	112	28	45
number, 1997..	171 501	855	298	10 192	1 294	522	667
1992..	164 218	769	216	14 261	1 661	486	1 131
$1,000, 1997..	27 547	221	72	1 546	242	87	146
1992..	36 428	290	51	4 975	343	117	162
1997 farms by number sold:							
1 to 9 ..... farms..	3 286	27	4	85	75	23	9
number..	14 098	(D)	(D)	388	335	97	(D)
10 to 19 ..... farms..	1 479	22	6	37	22	13	7
number..	19 276	301	81	507	283	175	97
20 to 49 ..... farms..	1 372	11	6	56	14	3	14
number..	39 212	296	145	1 558	429	75	405
50 to 99 ..... farms..	422	2	1	21	2	3	2
number..	27 199	(D)	(D)	1 385	(D)	175	(D)
100 to 199 ..... farms..	113	–	–	8	1	–	–
number..	14 128	–	–	1 142	(D)	–	–
200 to 499 ..... farms..	49	–	–	4	–	–	–
number..	14 450	–	–	1 392	–	–	–
500 or more ..... farms..	18	–	–	4	–	–	–
number..	43 138	–	–	3 820	–	–	–
Cattle sold ..... farms, 1997..	11 752	68	20	365	154	49	60
1992..	13 751	103	25	443	161	66	68
number, 1997..	366 180	2 366	539	10 069	2 727	1 738	1 699
1992..	430 467	3 038	613	13 828	2 081	1 853	1 465
$1,000, 1997..	249 424	1 290	251	6 620	1 408	1 163	983
1992..	309 029	1 752	377	10 061	1 228	1 403	873
1997 farms by number sold:							
1 to 9 ..... farms..	6 029	27	14	193	76	22	30
number..	25 398	139	64	731	336	94	148
10 to 19 ..... farms..	2 364	17	2	54	35	5	9
number..	30 951	249	(D)	(D)	471	(D)	107
20 to 49 ..... farms..	2 107	15	1	59	30	14	12
number..	62 197	399	(D)	1 763	843	426	372
50 to 99 ..... farms..	713	6	–	30	9	6	4
number..	47 094	421	–	1 891	540	408	338
100 to 199 ..... farms..	336	2	2	21	4	–	5
number..	42 919	(D)	(D)	2 510	537	–	734
200 to 499 ..... farms..	129	–	1	6	–	2	–
number..	36 384	–	(D)	1 285	–	(D)	–
500 or more ..... farms..	74	1	–	2	–	–	–
number..	121 237	(D)	–	(D)	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
INVENTORY—Con.							
Cattle and calves—Con.							
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	20	279	69	32	131	300	304
1992..	30	326	87	29	133	313	339
number, 1997..	237	4 483	780	958	1 034	13 036	6 491
1992..	222	6 001	1 339	605	1 791	10 772	9 388
1997 farms by inventory:							
1 to 9 ..... farms..	10	186	49	19	94	190	184
number..	(D)	707	190	69	349	698	(D)
10 to 19 ..... farms..	6	41	14	4	25	49	59
number..	78	563	183	52	316	643	807
20 to 49 ..... farms..	3	33	3	3	11	39	37
number..	62	959	66	115	(D)	1 124	1 068
50 to 99 ..... farms..	1	12	2	3	1	15	14
number..	(D)	717	(D)	229	(D)	1 044	895
100 to 199 ..... farms..	–	4	1	2	–	4	5
number..	–	477	(D)	(D)	–	517	694
200 to 499 ..... farms..	–	3	–	1	–	1	3
number..	–	1 060	–	(D)	–	(D)	928
500 or more ..... farms..	–	–	–	–	–	2	2
number..	–	–	–	–	–	(D)	(D)
SALES							
Dairy products sold ..... farms, 1997..	9	53	16	2	13	64	74
1992..	10	86	29	1	29	78	93
$1,000, 1997..	548	21 052	2 603	(D)	2 781	8 477	10 781
1992..	636	14 292	3 303	(D)	2 789	7 559	9 507
Cattle and calves sold ..... farms, 1997..	23	298	79	39	128	298	345
1992..	33	348	101	28	154	345	387
number, 1997..	468	9 579	1 959	921	1 785	15 157	10 575
1992..	566	10 961	2 297	1 002	2 697	17 488	13 112
$1,000, 1997..	162	4 395	1 117	701	761	10 388	5 888
1992..	246	5 497	1 310	810	1 596	11 746	7 259
1997 farms by number sold:							
1 to 9 ..... farms..	6	148	42	22	82	152	154
number..	(D)	(D)	(D)	95	370	619	(D)
10 to 19 ..... farms..	8	56	18	9	19	62	79
number..	105	754	225	121	234	838	1 031
20 to 49 ..... farms..	7	54	10	4	22	49	74
number..	233	1 548	262	132	636	1 378	2 301
50 to 99 ..... farms..	2	24	4	1	3	20	22
number..	(D)	1 642	250	(D)	(D)	1 222	1 474
100 to 199 ..... farms..	–	11	4	2	1	11	10
number..	–	1 487	471	(D)	(D)	1 439	1 338
200 to 499 ..... farms..	–	3	–	1	1	1	4
number..	–	997	–	(D)	(D)	(D)	1 205
500 or more ..... farms..	–	2	1	–	–	3	2
number..	–	(D)	(D)	–	–	(D)	(D)
Calves sold ..... farms, 1997..	13	133	37	14	46	111	169
1992..	24	175	41	8	68	145	157
number, 1997..	199	3 549	513	69	691	2 536	2 577
1992..	289	3 840	558	38	842	4 521	4 399
$1,000, 1997..	50	615	100	15	118	577	434
1992..	99	616	131	12	278	871	1 005
1997 farms by number sold:							
1 to 9 ..... farms..	5	69	21	12	29	58	99
number..	(D)	304	(D)	(D)	129	280	455
10 to 19 ..... farms..	3	31	9	2	9	20	31
number..	44	404	118	(D)	112	(D)	414
20 to 49 ..... farms..	4	22	5	–	5	24	29
number..	87	615	174	–	150	721	818
50 to 99 ..... farms..	1	7	2	–	1	5	7
number..	(D)	526	(D)	–	(D)	300	454
100 to 199 ..... farms..	–	1	–	–	2	3	3
number..	–	(D)	–	–	(D)	462	436
200 to 499 ..... farms..	–	1	–	–	–	–	–
number..	–	(D)	–	–	–	–	–
500 or more ..... farms..	–	2	–	–	–	1	–
number..	–	(D)	–	–	–	(D)	–
Cattle sold ..... farms, 1997..	19	230	64	32	102	240	286
1992..	30	295	90	27	139	289	333
number, 1997..	269	6 030	1 446	852	1 094	12 621	7 998
1992..	277	7 121	1 739	964	1 855	12 967	8 713
$1,000, 1997..	112	3 780	1 017	686	643	9 811	5 455
1992..	146	4 881	1 179	799	1 318	10 875	6 254
1997 farms by number sold:							
1 to 9 ..... farms..	6	134	42	19	71	149	145
number..	24	550	183	82	303	601	(D)
10 to 19 ..... farms..	8	27	13	5	13	34	60
number..	102	363	160	65	(D)	(D)	789
20 to 49 ..... farms..	5	41	2	4	16	38	57
number..	143	1 199	(D)	132	438	1 101	1 708
50 to 99 ..... farms..	–	16	3	1	1	8	13
number..	–	1 134	227	(D)	(D)	477	829
100 to 199 ..... farms..	–	9	3	2	1	9	6
number..	–	1 144	326	(D)	(D)	1 118	681
200 to 499 ..... farms..	–	2	1	1	–	–	3
number..	–	(D)	(D)	(D)	–	–	975
500 or more ..... farms..	–	1	–	–	–	2	2
number..	–	(D)	–	–	–	(D)	(D)

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
INVENTORY—Con.							
Cattle and calves—Con.							
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	173	70	77	148	148	310	7
1992..	184	81	75	162	141	332	3
number, 1997..	2 256	799	639	2 454	4 296	8 436	77
1992..	2 106	606	996	2 233	2 862	9 752	(D)
1997 farms by inventory:							
1 to 9 ..... farms..	115	51	52	100	101	168	4
number..	471	195	155	392	399	(D)	(D)
10 to 19 ..... farms..	28	9	19	19	15	52	1
number..	(D)	123	244	234	(D)	707	(D)
20 to 49 ..... farms..	15	7	4	23	15	50	2
number..	421	230	(D)	675	435	1 527	(D)
50 to 99 ..... farms..	13	2	2	1	4	26	–
number..	775	(D)	(D)	(D)	231	1 624	–
100 to 199 ..... farms..	2	1	–	3	4	8	–
number..	(D)	(D)	–	398	503	900	–
200 to 499 ..... farms..	–	–	–	2	8	4	–
number..	–	–	–	(D)	2 043	1 087	–
500 or more ..... farms..	–	–	–	–	1	2	–
number..	–	–	–	–	(D)	(D)	–
SALES							
Dairy products sold ..... farms, 1997..	23	12	14	28	55	111	–
1992..	31	18	14	34	57	131	–
$1,000, 1997..	2 116	1 764	3 162	2 096	6 577	37 817	–
1992..	2 778	1 893	2 662	2 535	5 279	29 369	–
Cattle and calves sold ..... farms, 1997..	178	78	88	156	180	352	4
1992..	196	96	83	164	169	392	5
number, 1997..	3 246	1 373	2 367	4 352	7 496	16 458	111
1992..	3 759	2 268	3 046	4 052	6 761	16 205	(D)
$1,000, 1997..	1 818	579	856	2 024	3 551	8 062	44
1992..	2 254	933	1 152	2 030	3 394	8 999	(D)
1997 farms by number sold:							
1 to 9 ..... farms..	83	38	36	66	61	131	–
number..	391	160	168	(D)	294	654	–
10 to 19 ..... farms..	37	18	18	33	38	59	1
number..	479	220	240	437	521	820	(D)
20 to 49 ..... farms..	47	16	20	37	50	103	3
number..	1 362	453	653	1 203	1 515	3 197	(D)
50 to 99 ..... farms..	7	3	9	13	14	32	–
number..	422	187	653	884	1 002	2 126	–
100 to 199 ..... farms..	3	3	5	2	3	13	–
number..	(D)	353	653	(D)	371	1 751	–
200 to 499 ..... farms..	1	–	–	5	14	9	–
number..	(D)	–	–	1 279	3 793	2 924	–
500 or more ..... farms..	–	–	–	–	–	5	–
number..	–	–	–	–	–	4 986	–
Calves sold ..... farms, 1997..	69	33	55	77	104	145	3
1992..	90	46	47	88	100	183	5
number, 1997..	829	320	1 114	1 144	2 994	5 377	52
1992..	1 319	1 018	1 617	959	2 241	4 867	(D)
$1,000, 1997..	203	52	227	259	789	777	9
1992..	402	249	380	218	477	722	(D)
1997 farms by number sold:							
1 to 9 ..... farms..	37	20	29	41	49	53	–
number..	152	(D)	140	(D)	(D)	(D)	–
10 to 19 ..... farms..	16	9	7	19	22	35	1
number..	235	127	95	262	287	446	(D)
20 to 49 ..... farms..	16	3	13	15	22	37	2
number..	442	73	430	384	651	1 040	(D)
50 to 99 ..... farms..	–	1	6	1	4	10	–
number..	–	(D)	449	(D)	277	656	–
100 to 199 ..... farms..	–	–	–	–	1	5	–
number..	–	–	–	–	(D)	551	–
200 to 499 ..... farms..	–	–	–	1	6	4	–
number..	–	–	–	(D)	1 464	1 436	–
500 or more ..... farms..	–	–	–	–	–	1	–
number..	–	–	–	–	–	(D)	–
Cattle sold ..... farms, 1997..	144	63	70	124	138	301	4
1992..	172	87	75	146	134	344	5
number, 1997..	2 417	1 053	1 253	3 208	4 502	11 081	59
1992..	2 440	1 250	1 429	3 093	4 520	11 338	(D)
$1,000, 1997..	1 615	527	629	1 765	2 762	7 284	35
1992..	1 852	683	772	1 812	2 917	8 277	(D)
1997 farms by number sold:							
1 to 9 ..... farms..	78	34	38	62	63	122	–
number..	(D)	(D)	151	(D)	(D)	(D)	–
10 to 19 ..... farms..	28	13	11	26	29	55	3
number..	349	163	(D)	316	402	730	(D)
20 to 49 ..... farms..	28	11	15	21	29	84	1
number..	773	310	420	704	816	2 521	(D)
50 to 99 ..... farms..	6	3	4	9	8	21	–
number..	362	177	245	652	590	1 365	–
100 to 199 ..... farms..	3	2	2	2	1	10	–
number..	373	(D)	(D)	(D)	(D)	1 409	–
200 to 499 ..... farms..	1	–	–	4	8	7	–
number..	(D)	–	–	1 039	2 308	2 280	–
500 or more ..... farms..	–	–	–	–	–	2	–
number..	–	–	–	–	–	(D)	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
INVENTORY—Con.							
Cattle and calves—Con.							
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	124	41	301	94	167	191	18
1992..	124	46	330	92	194	210	18
number, 1997..	1 673	372	3 883	1 459	2 939	2 068	(D)
1992..	1 405	307	4 448	933	6 358	1 767	83
1997 farms by inventory:							
1 to 9 ..... farms..	71	30	204	57	121	118	17
number..	281	141	734	224	443	(D)	67
10 to 19 ..... farms..	32	5	48	18	18	47	1
number..	448	59	615	251	(D)	630	(D)
20 to 49 ..... farms..	17	6	30	14	16	24	–
number..	510	172	792	418	458	695	–
50 to 99 ..... farms..	3	–	14	3	8	1	–
number..	(D)	–	891	(D)	515	(D)	–
100 to 199 ..... farms..	–	–	3	1	3	–	–
number..	–	–	(D)	(D)	377	–	–
200 to 499 ..... farms..	1	–	2	1	–	1	–
number..	(D)	–	(D)	(D)	–	(D)	–
500 or more ..... farms..	–	–	–	–	1	–	–
number..	–	–	–	–	(D)	–	–
SALES							
Dairy products sold ..... farms, 1997..	33	10	54	13	20	67	–
1992..	46	14	86	17	29	69	1
$1,000, 1997..	3 159	1 292	5 567	2 312	3 760	3 018	–
1992..	3 771	983	7 041	1 954	4 546	2 444	(D)
Cattle and calves sold ..... farms, 1997..	128	46	316	101	165	219	14
1992..	129	54	350	103	205	217	18
number, 1997..	2 873	848	8 849	2 406	3 700	3 420	76
1992..	3 107	749	8 038	3 530	10 451	3 429	121
$1,000, 1997..	1 068	294	5 826	964	2 136	1 446	37
1992..	1 322	295	4 208	1 226	7 477	1 406	53
1997 farms by number sold:							
1 to 9 ..... farms..	49	14	158	38	96	100	11
number..	(D)	72	745	(D)	(D)	507	32
10 to 19 ..... farms..	32	17	55	23	31	65	3
number..	430	232	742	301	382	884	44
20 to 49 ..... farms..	33	12	71	27	25	47	–
number..	1 035	376	2 096	892	748	1 464	–
50 to 99 ..... farms..	12	3	24	11	7	6	–
number..	811	168	1 617	766	492	(D)	–
100 to 199 ..... farms..	1	–	4	2	4	1	–
number..	(D)	–	411	(D)	528	(D)	–
200 to 499 ..... farms..	1	–	2	–	1	–	–
number..	(D)	–	(D)	–	(D)	–	–
500 or more ..... farms..	–	–	2	–	1	–	–
number..	–	–	(D)	–	(D)	–	–
Calves sold ..... farms, 1997..	74	28	160	55	58	124	4
1992..	84	36	169	63	73	117	8
number, 1997..	1 180	467	2 206	1 004	794	1 473	12
1992..	1 356	433	2 334	1 731	1 346	1 516	52
$1,000, 1997..	267	107	492	228	139	326	4
1992..	360	107	488	287	228	297	15
1997 farms by number sold:							
1 to 9 ..... farms..	35	12	84	21	37	74	4
number..	164	(D)	340	94	155	348	12
10 to 19 ..... farms..	14	8	39	13	7	33	–
number..	180	105	501	168	(D)	410	–
20 to 49 ..... farms..	19	7	27	18	10	12	–
number..	489	213	735	537	261	320	–
50 to 99 ..... farms..	6	1	10	2	3	5	–
number..	347	(D)	630	(D)	197	395	–
100 to 199 ..... farms..	–	–	–	1	1	–	–
number..	–	–	–	(D)	(D)	–	–
200 to 499 ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Cattle sold ..... farms, 1997..	113	40	251	82	143	171	12
1992..	120	43	295	90	185	188	15
number, 1997..	1 693	381	6 643	1 402	2 906	1 947	64
1992..	1 751	316	5 704	1 799	9 105	1 913	69
$1,000, 1997..	801	187	5 334	736	1 997	1 121	33
1992..	962	188	3 720	939	7 249	1 109	38
1997 farms by number sold:							
1 to 9 ..... farms..	67	25	152	42	91	100	9
number..	(D)	121	640	(D)	336	(D)	26
10 to 19 ..... farms..	24	11	36	21	24	43	3
number..	317	131	475	273	(D)	584	38
20 to 49 ..... farms..	15	4	44	13	19	26	–
number..	422	129	1 262	430	568	785	–
50 to 99 ..... farms..	6	–	12	5	5	2	–
number..	449	–	773	350	337	(D)	–
100 to 199 ..... farms..	–	–	4	1	3	–	–
number..	–	–	463	(D)	418	–	–
200 to 499 ..... farms..	1	–	1	–	–	–	–
number..	(D)	–	(D)	–	–	–	–
500 or more ..... farms..	–	–	2	–	1	–	–
number..	–	–	(D)	–	(D)	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	92	223	324	38	398	232	344	98
1992..	83	222	342	53	550	253	406	96
number, 1997..	2 559	8 314	5 282	413	32 390	4 898	8 621	1 666
1992..	1 522	5 958	6 676	399	46 590	4 773	9 582	3 898
1997 farms by inventory:								
1 to 9 ..... farms..	48	143	210	26	96	143	172	56
number..	174	558	722	87	385	503	668	(D)
10 to 19 ..... farms..	19	22	54	6	63	33	62	21
number..	256	287	715	(D)	812	428	779	296
20 to 49 ..... farms..	15	37	29	4	102	40	61	15
number..	409	1 042	832	111	3 262	1 070	1 820	437
50 to 99 ..... farms..	5	8	22	2	78	9	33	4
number..	293	483	1 476	(D)	5 181	586	2 268	293
100 to 199 ..... farms..	2	7	6	–	31	2	10	1
number..	(D)	877	767	–	3 965	(D)	1 334	(D)
200 to 499 ..... farms..	2	3	3	–	13	4	6	1
number..	(D)	820	770	–	3 719	1 310	1 752	(D)
500 or more ..... farms..	1	3	–	–	15	1	–	–
number..	(D)	4 247	–	–	15 066	(D)	–	–
SALES								
Dairy products sold ..... farms, 1997..	11	62	99	12	187	75	96	21
1992..	11	84	129	17	278	92	138	21
$1,000, 1997..	1 426	19 410	14 480	1 131	28 847	13 634	24 752	3 674
1992..	1 364	15 828	15 203	1 262	31 069	13 783	23 864	2 805
Cattle and calves sold ..... farms, 1997..	96	248	337	48	454	251	377	114
1992..	89	273	353	58	602	299	448	108
number, 1997..	2 220	18 058	9 980	721	64 243	8 688	13 029	3 115
1992..	1 988	12 440	12 587	890	72 223	9 055	14 479	8 084
$1,000, 1997..	1 123	10 584	5 232	280	45 521	4 182	6 667	1 368
1992..	1 117	6 810	6 961	414	54 524	4 900	8 439	5 471
1997 farms by number sold:								
1 to 9 ..... farms..	52	98	159	26	88	115	133	47
number..	204	417	730	(D)	457	553	(D)	(D)
10 to 19 ..... farms..	16	37	60	9	93	57	88	20
number..	216	498	775	125	1 238	726	1 193	281
20 to 49 ..... farms..	17	53	71	11	136	48	72	31
number..	436	1 539	2 089	329	4 212	1 422	2 164	947
50 to 99 ..... farms..	8	33	21	1	75	19	55	14
number..	594	2 219	1 430	(D)	5 040	1 361	3 767	955
100 to 199 ..... farms..	1	14	23	1	31	8	19	1
number..	(D)	1 553	3 057	(D)	3 857	1 100	2 297	(D)
200 to 499 ..... farms..	2	8	2	–	11	2	9	–
number..	(D)	2 707	(D)	–	2 959	(D)	2 105	–
500 or more ..... farms..	–	5	1	–	20	2	1	1
number..	–	9 125	(D)	–	46 480	(D)	(D)	(D)
Calves sold ..... farms, 1997..	29	128	142	25	145	115	160	63
1992..	37	126	176	25	226	137	170	51
number, 1997..	430	4 156	2 803	218	3 814	3 847	4 312	1 045
1992..	569	3 716	3 166	260	5 039	2 578	3 645	1 890
$1,000, 1997..	92	650	427	50	527	749	644	208
1992..	175	579	608	55	1 163	462	645	601
1997 farms by number sold:								
1 to 9 ..... farms..	18	44	71	16	47	58	69	29
number..	71	(D)	(D)	69	(D)	(D)	258	129
10 to 19 ..... farms..	4	25	26	6	32	24	34	13
number..	45	327	334	76	430	301	419	185
20 to 49 ..... farms..	4	34	29	3	48	20	33	17
number..	117	1 135	800	73	1 424	504	1 020	501
50 to 99 ..... farms..	3	19	12	–	12	11	15	4
number..	197	1 262	763	–	702	712	981	230
100 to 199 ..... farms..	–	4	3	–	5	1	6	–
number..	–	522	350	–	660	(D)	789	–
200 to 499 ..... farms..	–	2	1	–	1	–	3	–
number..	–	(D)	(D)	–	(D)	–	845	–
500 or more ..... farms..	–	–	–	–	–	1	–	–
number..	–	–	–	–	–	(D)	–	–
Cattle sold ..... farms, 1997..	91	196	286	43	402	201	318	90
1992..	78	247	283	54	533	255	406	90
number, 1997..	1 790	13 902	7 177	503	60 429	4 841	8 717	2 070
1992..	1 419	8 724	9 421	630	67 184	6 477	10 834	6 194
$1,000, 1997..	1 031	9 935	4 805	230	44 994	3 433	6 023	1 160
1992..	943	6 231	6 353	359	53 361	4 439	7 794	4 870
1997 farms by number sold:								
1 to 9 ..... farms..	57	90	149	29	98	100	131	47
number..	218	351	(D)	112	473	428	(D)	(D)
10 to 19 ..... farms..	14	32	56	6	82	45	70	14
number..	201	432	695	(D)	1 059	549	934	194
20 to 49 ..... farms..	11	47	46	6	109	41	65	22
number..	269	1 353	1 348	161	3 330	1 299	1 988	609
50 to 99 ..... farms..	6	13	20	1	58	8	34	5
number..	392	796	1 336	(D)	3 816	584	2 295	346
100 to 199 ..... farms..	1	4	13	1	26	4	13	1
number..	(D)	408	1 611	(D)	3 184	560	1 578	(D)
200 to 499 ..... farms..	2	6	1	–	10	2	4	–
number..	(D)	2 077	(D)	–	2 837	(D)	870	–
500 or more ..... farms..	–	4	1	–	19	1	1	1
number..	–	8 485	(D)	–	45 730	(D)	(D)	(D)

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	47	321	297	134	35	286	3	52
1992..	52	350	345	141	31	339	1	50
number, 1997..	483	7 951	10 090	3 298	192	5 947	(D)	411
1992..	272	7 494	10 905	5 436	186	7 001	(D)	256
1997 farms by inventory:								
1 to 9 ..... farms..	33	176	175	77	29	170	3	41
number..	140	644	663	(D)	98	597	(D)	167
10 to 19 ..... farms..	8	53	52	32	5	51	–	5
number..	(D)	653	681	411	(D)	658	–	(D)
20 to 49 ..... farms..	5	48	36	14	1	34	–	5
number..	144	1 414	1 010	484	(D)	988	–	122
50 to 99 ..... farms..	1	28	19	6	–	20	–	1
number..	(D)	1 809	1 195	414	–	1 393	–	(D)
100 to 199 ..... farms..	–	7	8	3	–	5	–	–
number..	–	1 010	1 042	327	–	660	–	–
200 to 499 ..... farms..	–	9	3	1	–	6	–	–
number..	–	2 421	855	(D)	–	1 651	–	–
500 or more ..... farms..	–	–	4	1	–	–	–	–
number..	–	–	4 644	(D)	–	–	–	–
SALES								
Dairy products sold ..... farms, 1997..	3	123	46	15	5	87	–	5
1992..	7	167	69	20	4	141	–	12
$1,000, 1997..	(D)	22 162	8 098	8 260	465	20 316	–	493
1992..	360	20 733	10 012	4 692	463	21 216	–	509
Cattle and calves sold ..... farms, 1997..	47	372	308	140	34	336	3	58
1992..	47	416	369	160	35	391	1	49
number, 1997..	963	11 336	14 816	6 014	520	11 272	8	884
1992..	939	16 884	16 553	8 471	431	13 420	(D)	661
$1,000, 1997..	356	6 048	10 205	3 484	197	5 101	5	435
1992..	371	9 962	11 221	5 363	207	7 219	(D)	295
1997 farms by number sold:								
1 to 9 ..... farms..	18	125	142	73	18	147	3	36
number..	(D)	554	669	(D)	88	634	8	157
10 to 19 ..... farms..	12	87	62	26	8	78	–	16
number..	157	1 135	852	347	116	1 063	–	221
20 to 49 ..... farms..	11	101	65	17	5	57	–	2
number..	302	3 131	1 964	607	136	1 729	–	(D)
50 to 99 ..... farms..	5	40	22	12	3	29	–	3
number..	320	2 671	1 503	781	180	1 799	–	209
100 to 199 ..... farms..	1	12	11	6	–	15	–	–
number..	(D)	1 829	1 499	773	–	1 824	–	–
200 to 499 ..... farms..	–	7	3	4	–	7	–	1
number..	–	2 016	994	1 210	–	1 841	–	(D)
500 or more ..... farms..	–	–	3	2	–	3	–	–
number..	–	–	7 335	(D)	–	2 382	–	–
Calves sold ..... farms, 1997..	28	181	131	56	22	157	1	31
1992..	27	186	178	50	13	194	1	22
number, 1997..	401	3 026	2 125	1 152	184	4 217	(D)	281
1992..	414	3 706	2 461	1 409	120	4 225	(D)	190
$1,000, 1997..	102	511	447	178	31	643	(D)	61
1992..	102	758	518	336	26	981	(D)	53
1997 farms by number sold:								
1 to 9 ..... farms..	13	84	66	32	15	81	1	22
number..	(D)	309	360	118	59	(D)	(D)	98
10 to 19 ..... farms..	7	39	35	10	4	30	–	7
number..	91	490	468	137	51	403	–	(D)
20 to 49 ..... farms..	7	49	21	7	3	31	–	1
number..	203	1 379	725	224	74	850	–	(D)
50 to 99 ..... farms..	1	5	9	4	–	8	–	1
number..	(D)	313	572	222	–	563	–	(D)
100 to 199 ..... farms..	–	4	–	2	–	3	–	–
number..	–	535	–	(D)	–	344	–	–
200 to 499 ..... farms..	–	–	–	1	–	3	–	–
number..	–	–	–	(D)	–	958	–	–
500 or more ..... farms..	–	–	–	–	–	1	–	–
number..	–	–	–	–	–	(D)	–	–
Cattle sold ..... farms, 1997..	36	320	260	121	29	280	2	48
1992..	40	365	309	147	34	345	1	43
number, 1997..	562	8 310	12 691	4 862	336	7 055	(D)	603
1992..	525	13 178	14 092	7 062	311	9 195	(D)	471
$1,000, 1997..	254	5 537	9 758	3 306	165	4 457	(D)	375
1992..	269	9 204	10 703	5 028	181	6 238	(D)	242
1997 farms by number sold:								
1 to 9 ..... farms..	22	132	134	72	17	149	2	34
number..	84	552	(D)	246	(D)	(D)	(D)	128
10 to 19 ..... farms..	5	77	46	15	7	54	–	9
number..	61	1 001	628	202	80	709	–	106
20 to 49 ..... farms..	6	67	58	16	4	39	–	2
number..	175	1 968	1 632	546	107	1 147	–	(D)
50 to 99 ..... farms..	2	30	8	8	1	21	–	2
number..	(D)	1 968	544	534	(D)	1 336	–	(D)
100 to 199 ..... farms..	1	9	9	7	–	12	–	1
number..	(D)	1 211	1 243	860	–	1 394	–	(D)
200 to 499 ..... farms..	–	5	2	1	–	4	–	–
number..	–	1 610	(D)	(D)	–	927	–	–
500 or more ..... farms..	–	–	3	2	–	1	–	–
number..	–	–	7 335	(D)	–	(D)	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	340	53	238	162	13	33	74	80
1992..	415	60	264	206	17	42	77	71
number, 1997..	8 072	3 453	7 408	2 969	387	514	698	1 053
1992..	7 908	2 643	8 875	4 435	555	804	2 792	477
1997 farms by inventory:								
1 to 9 ..... farms..	207	25	139	102	7	14	56	51
number..	742	98	545	376	37	48	225	170
10 to 19 ..... farms..	64	17	39	31	1	12	9	16
number..	821	228	492	396	(D)	157	(D)	213
20 to 49 ..... farms..	46	5	31	22	1	4	8	10
number..	1 286	138	870	662	(D)	100	263	287
50 to 99 ..... farms..	12	2	10	3	3	3	1	–
number..	762	(D)	683	210	215	209	(D)	–
100 to 199 ..... farms..	7	1	15	1	1	–	–	3
number..	802	(D)	1 997	(D)	(D)	–	–	383
200 to 499 ..... farms..	2	1	2	2	–	–	–	–
number..	(D)	(D)	(D)	(D)	–	–	–	–
500 or more ..... farms..	2	2	2	1	–	–	–	–
number..	(D)	(D)	(D)	(D)	–	–	–	–
SALES								
Dairy products sold ..... farms, 1997..	97	10	58	42	–	9	15	5
1992..	122	16	87	66	–	16	23	11
$1,000, 1997..	11 533	997	10 828	5 953	–	1 645	1 594	172
1992..	13 982	1 293	11 540	8 499	–	2 166	2 364	300
Cattle and calves sold ..... farms, 1997..	363	62	256	178	13	37	82	81
1992..	431	76	288	232	15	45	77	83
number, 1997..	12 623	4 286	13 457	4 777	776	1 097	1 164	1 105
1992..	12 910	3 206	14 606	7 092	1 103	1 337	5 040	984
$1,000, 1997..	8 484	3 211	8 592	2 342	(D)	509	550	529
1992..	7 728	2 393	9 481	3 732	611	600	3 406	512
1997 farms by number sold:								
1 to 9 ..... farms..	175	27	126	79	3	15	46	54
number..	(D)	154	539	325	(D)	(D)	191	236
10 to 19 ..... farms..	86	16	36	40	4	7	21	18
number..	1 139	223	473	528	(D)	102	285	240
20 to 49 ..... farms..	66	8	49	38	1	10	12	7
number..	1 974	272	1 381	1 133	(D)	297	376	(D)
50 to 99 ..... farms..	23	7	26	13	2	1	2	–
number..	1 570	438	1 715	821	(D)	(D)	(D)	–
100 to 199 ..... farms..	7	2	8	5	2	4	1	–
number..	992	(D)	1 046	703	(D)	565	(D)	–
200 to 499 ..... farms..	2	–	6	2	1	–	–	2
number..	(D)	–	1 859	(D)	(D)	–	–	(D)
500 or more ..... farms..	4	2	5	1	–	–	–	–
number..	5 528	(D)	6 444	(D)	–	–	–	–
Calves sold ..... farms, 1997..	149	23	97	81	5	14	38	38
1992..	200	31	110	106	9	16	38	37
number, 1997..	2 781	220	1 787	1 553	57	229	494	452
1992..	2 963	515	2 711	2 075	213	599	560	300
$1,000, 1997..	417	32	272	213	(D)	59	100	111
1992..	476	129	410	353	36	199	76	88
1997 farms by number sold:								
1 to 9 ..... farms..	76	15	55	44	1	8	24	27
number..	(D)	62	226	204	(D)	40	(D)	122
10 to 19 ..... farms..	32	4	10	15	4	2	7	8
number..	387	50	(D)	(D)	(D)	(D)	100	98
20 to 49 ..... farms..	26	4	24	17	–	3	5	1
number..	732	108	630	491	–	74	117	(D)
50 to 99 ..... farms..	10	–	6	4	–	1	1	2
number..	570	–	355	264	–	(D)	(D)	(D)
100 to 199 ..... farms..	4	–	1	–	–	–	1	–
number..	526	–	(D)	–	–	–	(D)	–
200 to 499 ..... farms..	1	–	1	1	–	–	–	–
number..	(D)	–	(D)	(D)	–	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Cattle sold ..... farms, 1997..	309	56	213	153	9	30	68	63
1992..	375	66	250	197	12	40	70	76
number, 1997..	9 842	4 066	11 670	3 224	719	868	670	653
1992..	9 947	2 691	11 895	5 017	890	738	4 480	684
$1,000, 1997..	8 066	3 179	8 320	2 129	401	450	450	419
1992..	7 253	2 264	9 071	3 380	575	401	3 331	424
1997 farms by number sold:								
1 to 9 ..... farms..	168	24	113	77	2	11	44	49
number..	(D)	129	471	304	(D)	(D)	184	187
10 to 19 ..... farms..	77	16	34	32	1	7	14	6
number..	1 018	208	447	427	(D)	100	(D)	(D)
20 to 49 ..... farms..	47	6	33	34	1	7	9	6
number..	1 339	175	966	1 030	(D)	184	229	172
50 to 99 ..... farms..	10	6	17	4	2	2	1	–
number..	768	355	1 044	(D)	(D)	(D)	(D)	–
100 to 199 ..... farms..	1	2	6	4	2	3	–	2
number..	(D)	(D)	777	574	(D)	427	–	(D)
200 to 499 ..... farms..	3	–	5	2	1	–	–	–
number..	944	–	1 521	(D)	(D)	–	–	–
500 or more ..... farms..	3	2	5	–	–	–	–	–
number..	5 000	(D)	6 444	–	–	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	35	116	249	155	108	133	137	324
1992..	28	100	307	164	109	148	152	330
number, 1997..	445	1 809	2 628	3 226	1 068	2 263	3 156	4 656
1992..	345	2 749	3 815	2 397	2 478	3 651	4 143	4 646
1997 farms by inventory:								
1 to 9 ..... farms..	24	71	170	82	76	72	87	206
number..	92	237	665	(D)	285	230	320	728
10 to 19 ..... farms..	7	21	44	35	20	23	26	63
number..	85	252	560	459	257	285	326	800
20 to 49 ..... farms..	3	16	27	18	9	27	11	37
number..	(D)	445	743	557	240	779	351	1 006
50 to 99 ..... farms..	–	5	6	13	1	8	4	9
number..	–	350	(D)	875	(D)	541	240	(D)
100 to 199 ..... farms..	1	2	2	5	2	2	6	8
number..	(D)	(D)	(D)	547	(D)	(D)	909	1 172
200 to 499 ..... farms..	–	1	–	2	–	1	3	1
number..	–	(D)	–	(D)	–	(D)	1 010	(D)
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
SALES								
Dairy products sold ..... farms, 1997..	6	41	109	86	10	89	14	114
1992..	9	48	126	111	12	109	18	135
$1,000, 1997..	1 423	5 833	9 787	12 974	1 714	24 685	1 482	15 722
1992..	862	5 199	10 246	12 940	1 037	21 575	1 789	15 529
Cattle and calves sold ..... farms, 1997..	36	128	285	190	117	170	129	368
1992..	30	119	337	200	116	189	153	361
number, 1997..	726	2 906	6 111	5 292	2 184	8 779	5 084	8 238
1992..	633	4 669	7 384	6 179	5 914	11 899	5 567	9 192
$1,000, 1997..	256	1 330	2 372	2 221	1 007	3 395	3 589	3 559
1992..	231	2 976	3 804	2 356	4 303	5 314	4 017	4 390
1997 farms by number sold:								
1 to 9 ..... farms..	16	63	121	53	60	42	65	170
number..	68	(D)	590	(D)	233	(D)	251	(D)
10 to 19 ..... farms..	8	30	79	53	33	34	31	93
number..	96	411	1 048	725	458	451	410	1 224
20 to 49 ..... farms..	7	19	65	56	19	40	12	71
number..	243	583	1 971	1 689	567	1 364	366	2 111
50 to 99 ..... farms..	5	8	15	19	3	33	10	20
number..	319	503	983	1 322	(D)	2 179	629	1 380
100 to 199 ..... farms..	–	6	2	8	1	13	5	10
number..	–	703	(D)	1 076	(D)	1 798	733	1 350
200 to 499 ..... farms..	–	2	2	1	–	6	3	3
number..	–	(D)	(D)	(D)	–	1 558	780	780
500 or more ..... farms..	–	–	1	–	1	2	3	1
number..	–	–	(D)	–	(D)	(D)	1 915	(D)
Calves sold ..... farms, 1997..	22	54	166	120	68	117	36	205
1992..	19	62	177	137	57	129	42	177
number, 1997..	427	1 077	2 476	2 196	686	3 737	487	3 410
1992..	328	942	2 098	2 706	488	5 445	870	3 979
$1,000, 1997..	109	174	394	363	160	400	97	515
1992..	60	160	414	346	160	1 256	167	919
1997 farms by number sold:								
1 to 9 ..... farms..	9	25	94	42	41	39	23	114
number..	35	117	391	(D)	(D)	182	93	(D)
10 to 19 ..... farms..	6	16	39	35	16	25	5	45
number..	76	216	492	444	215	327	(D)	593
20 to 49 ..... farms..	4	5	27	36	10	32	7	31
number..	137	128	733	995	246	1 032	228	917
50 to 99 ..... farms..	3	5	3	5	1	15	–	13
number..	179	316	190	300	(D)	1 032	–	854
100 to 199 ..... farms..	–	3	1	2	–	3	1	–
number..	–	300	(D)	(D)	–	350	(D)	–
200 to 499 ..... farms..	–	–	2	–	–	3	–	2
number..	–	–	(D)	–	–	814	–	(D)
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Cattle sold ..... farms, 1997..	31	109	230	163	85	129	117	286
1992..	22	101	295	178	95	157	144	303
number, 1997..	299	1 829	3 635	3 096	1 498	5 042	4 597	4 828
1992..	305	3 727	5 286	3 473	5 426	6 454	4 697	5 213
$1,000, 1997..	147	1 155	1 978	1 858	847	2 994	3 492	3 044
1992..	172	2 816	3 390	2 010	4 143	4 058	3 850	3 470
1997 farms by number sold:								
1 to 9 ..... farms..	20	65	137	71	52	39	66	169
number..	(D)	278	614	(D)	(D)	(D)	258	714
10 to 19 ..... farms..	7	24	43	53	22	31	24	54
number..	84	321	(D)	722	310	381	306	680
20 to 49 ..... farms..	3	9	38	25	10	30	10	43
number..	81	(D)	1 134	748	342	935	277	1 236
50 to 99 ..... farms..	1	7	11	10	–	20	7	11
number..	(D)	417	664	711	–	1 348	443	702
100 to 199 ..... farms..	–	3	–	3	–	4	4	6
number..	–	325	–	376	–	520	618	797
200 to 499 ..... farms..	–	1	–	1	–	4	3	3
number..	–	(D)	–	(D)	–	1 065	780	699
500 or more ..... farms..	–	–	1	–	1	1	3	–
number..	–	–	(D)	–	(D)	(D)	1 915	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	57	114	275	62	140	134	42	266
1992..	62	121	255	64	174	142	58	243
number, 1997..	563	2 492	3 425	371	3 640	6 343	487	3 352
1992..	492	3 500	3 547	657	3 419	3 052	634	2 681
1997 farms by inventory:								
1 to 9 ..... farms..	38	69	193	49	92	67	25	180
number..	129	259	720	167	343	(D)	(D)	668
10 to 19 ..... farms..	13	22	40	11	22	27	11	43
number..	193	305	526	(D)	280	346	168	583
20 to 49 ..... farms..	4	8	32	2	13	16	5	30
number..	(D)	(D)	964	(D)	414	407	142	919
50 to 99 ..... farms..	2	8	4	–	8	16	1	9
number..	(D)	544	(D)	–	507	981	(D)	571
100 to 199 ..... farms..	–	6	4	–	2	6	–	3
number..	–	704	445	–	(D)	754	–	(D)
200 to 499 ..... farms..	–	1	2	–	2	1	–	1
number..	–	(D)	(D)	–	(D)	(D)	–	(D)
500 or more ..... farms..	–	–	–	–	1	1	–	–
number..	–	–	–	–	(D)	(D)	–	–
SALES								
Dairy products sold ..... farms, 1997..	11	37	123	6	42	54	13	79
1992..	19	42	127	8	39	66	14	84
$1,000, 1997..	1 443	14 462	19 487	746	8 442	12 205	1 025	12 194
1992..	1 576	6 211	15 155	791	5 967	10 610	950	12 060
Cattle and calves sold ..... farms, 1997..	62	126	316	69	162	151	45	290
1992..	68	137	309	76	172	147	53	264
number, 1997..	1 236	6 917	8 842	913	5 189	11 672	1 343	7 400
1992..	1 031	5 957	7 662	1 402	5 866	5 754	1 737	7 259
$1,000, 1997..	587	3 013	4 113	448	2 220	6 663	538	3 000
1992..	421	4 613	4 302	664	3 262	3 029	761	3 184
1997 farms by number sold:								
1 to 9 ..... farms..	20	57	140	42	68	31	12	116
number..	93	(D)	(D)	174	(D)	(D)	(D)	(D)
10 to 19 ..... farms..	22	25	57	13	45	34	12	64
number..	308	358	737	(D)	640	473	159	878
20 to 49 ..... farms..	15	23	76	13	33	42	13	68
number..	425	649	2 306	400	1 008	1 218	357	1 982
50 to 99 ..... farms..	5	10	25	–	7	29	6	29
number..	410	651	1 578	–	520	2 035	401	2 121
100 to 199 ..... farms..	–	6	12	1	7	10	1	12
number..	–	746	1 574	(D)	923	1 307	(D)	1 642
200 to 499 ..... farms..	–	3	5	–	1	2	1	1
number..	–	1 287	1 111	–	(D)	(D)	(D)	(D)
500 or more ..... farms..	–	2	1	–	1	3	–	–
number..	–	(D)	(D)	–	(D)	5 906	–	–
Calves sold ..... farms, 1997..	30	58	179	30	89	84	25	148
1992..	35	57	151	39	95	84	32	155
number, 1997..	425	2 615	3 145	317	2 791	2 991	515	2 926
1992..	436	757	2 157	638	2 766	1 708	537	2 565
$1,000, 1997..	88	273	492	78	708	536	128	584
1992..	66	116	418	95	1 138	340	158	530
1997 farms by number sold:								
1 to 9 ..... farms..	11	32	81	19	42	28	7	69
number..	45	97	308	102	(D)	(D)	35	307
10 to 19 ..... farms..	13	10	45	5	31	21	10	34
number..	170	128	581	62	399	268	125	462
20 to 49 ..... farms..	6	11	37	6	10	19	4	30
number..	210	311	1 032	153	285	576	112	879
50 to 99 ..... farms..	–	2	13	–	4	10	4	11
number..	–	(D)	814	–	267	677	243	764
100 to 199 ..... farms..	–	1	3	–	–	5	–	4
number..	–	(D)	410	–	–	648	–	514
200 to 499 ..... farms..	–	1	–	–	1	–	–	–
number..	–	(D)	–	–	(D)	–	–	–
500 or more ..... farms..	–	1	–	–	1	1	–	–
number..	–	(D)	–	–	(D)	(D)	–	–
Cattle sold ..... farms, 1997..	48	107	260	43	140	119	35	231
1992..	57	126	285	62	142	129	44	228
number, 1997..	811	4 302	5 697	596	2 398	8 681	828	4 474
1992..	595	5 200	5 505	764	3 100	4 046	1 200	4 694
$1,000, 1997..	499	2 741	3 621	370	1 511	6 126	410	2 416
1992..	355	4 496	3 884	569	2 124	2 689	603	2 654
1997 farms by number sold:								
1 to 9 ..... farms..	21	54	150	26	80	33	13	111
number..	96	213	650	(D)	349	(D)	(D)	481
10 to 19 ..... farms..	15	20	46	10	29	32	11	53
number..	185	278	(D)	123	368	408	144	738
20 to 49 ..... farms..	9	18	39	6	21	30	6	42
number..	292	540	1 147	205	631	823	158	1 252
50 to 99 ..... farms..	3	6	15	–	4	14	4	20
number..	238	399	1 008	–	253	932	279	1 378
100 to 199 ..... farms..	–	5	6	1	6	8	–	5
number..	–	544	752	(D)	797	1 101	–	625
200 to 499 ..... farms..	–	2	3	–	–	–	1	–
number..	–	(D)	607	–	–	–	(D)	–
500 or more ..... farms..	–	2	1	–	–	2	–	–
number..	–	(D)	(D)	–	–	(D)	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	38	37	354	150	14	181	264	242
1992..	48	50	425	150	9	198	278	242
number, 1997..	414	922	8 505	2 624	116	2 985	3 103	2 846
1992..	528	1 149	11 724	3 028	66	5 057	5 401	3 570
1997 farms by inventory:								
1 to 9 ..... farms..	25	10	201	81	10	103	183	167
number..	(D)	(D)	(D)	(D)	(D)	405	757	683
10 to 19 ..... farms..	7	10	67	27	3	27	47	42
number..	89	143	899	365	46	336	606	550
20 to 49 ..... farms..	4	11	52	33	1	36	25	23
number..	102	265	1 475	997	(D)	1 028	640	719
50 to 99 ..... farms..	2	5	15	5	–	12	5	8
number..	(D)	310	1 015	312	–	781	360	(D)
100 to 199 ..... farms..	–	1	11	3	–	3	3	1
number..	–	(D)	1 316	453	–	435	(D)	(D)
200 to 499 ..... farms..	–	–	6	1	–	–	1	1
number..	–	–	1 692	(D)	–	–	(D)	(D)
500 or more ..... farms..	–	–	2	–	–	–	–	–
number..	–	–	(D)	–	–	–	–	–
SALES								
Dairy products sold ..... farms, 1997..	17	6	133	35	–	40	34	59
1992..	25	10	176	34	–	65	76	70
$1,000, 1997..	978	539	28 999	3 680	–	5 468	3 371	6 701
1992..	1 249	732	28 229	3 820	–	7 414	5 708	5 604
Cattle and calves sold ..... farms, 1997..	52	43	429	161	12	203	273	243
1992..	49	56	517	172	11	234	303	258
number, 1997..	980	1 497	46 743	3 496	231	4 239	4 758	5 036
1992..	946	2 003	23 626	3 803	203	7 221	11 059	6 047
$1,000, 1997..	379	679	11 176	1 491	(D)	2 364	2 591	2 491
1992..	449	928	12 051	1 952	89	4 156	6 821	3 923
1997 farms by number sold:								
1 to 9 ..... farms..	18	12	162	60	8	91	137	137
number..	(D)	60	745	(D)	33	(D)	562	575
10 to 19 ..... farms..	16	11	89	35	1	44	71	52
number..	212	142	1 185	467	(D)	577	911	702
20 to 49 ..... farms..	14	13	90	47	2	52	52	38
number..	413	358	2 702	1 459	(D)	1 436	1 551	1 140
50 to 99 ..... farms..	3	2	47	17	–	9	8	9
number..	164	(D)	3 280	1 009	–	651	507	646
100 to 199 ..... farms..	1	3	24	2	1	6	3	3
number..	(D)	361	3 035	(D)	(D)	858	(D)	492
200 to 499 ..... farms..	–	2	9	–	–	1	1	4
number..	–	(D)	2 401	–	–	(D)	(D)	1 481
500 or more ..... farms..	–	–	8	–	–	–	1	–
number..	–	–	33 395	–	–	–	(D)	–
Calves sold ..... farms, 1997..	32	21	206	87	7	64	112	72
1992..	38	33	268	74	6	90	142	86
number, 1997..	334	247	36 070	1 353	(D)	991	1 397	1 362
1992..	458	582	9 417	907	58	1 739	2 082	1 543
$1,000, 1997..	48	70	4 020	320	(D)	164	241	203
1992..	138	154	2 446	204	10	270	327	288
1997 farms by number sold:								
1 to 9 ..... farms..	17	11	77	40	5	32	60	45
number..	85	46	(D)	179	24	(D)	272	195
10 to 19 ..... farms..	11	6	39	17	1	14	28	11
number..	153	82	515	204	(D)	173	368	136
20 to 49 ..... farms..	4	4	49	26	1	14	20	10
number..	96	119	1 458	737	(D)	361	494	282
50 to 99 ..... farms..	–	–	24	4	–	3	4	3
number..	–	–	1 551	233	–	182	263	228
100 to 199 ..... farms..	–	–	10	–	–	1	–	1
number..	–	–	1 224	–	–	(D)	–	(D)
200 to 499 ..... farms..	–	–	2	–	–	–	–	2
number..	–	–	(D)	–	–	–	–	(D)
500 or more ..... farms..	–	–	5	–	–	–	–	–
number..	–	–	30 320	–	–	–	–	–
Cattle sold ..... farms, 1997..	43	31	351	132	7	181	228	214
1992..	41	48	451	159	10	215	257	220
number, 1997..	646	1 250	10 673	2 143	(D)	3 248	3 361	3 674
1992..	488	1 421	14 209	2 896	145	5 482	8 977	4 504
$1,000, 1997..	330	609	7 156	1 171	(D)	2 200	2 349	2 288
1992..	311	774	9 604	1 748	78	3 886	6 494	3 635
1997 farms by number sold:								
1 to 9 ..... farms..	26	9	164	69	5	94	134	129
number..	126	31	713	332	9	454	500	526
10 to 19 ..... farms..	8	7	77	24	–	37	52	43
number..	103	86	1 009	311	–	481	678	575
20 to 49 ..... farms..	6	8	61	32	1	39	34	30
number..	199	210	1 810	967	(D)	1 134	919	868
50 to 99 ..... farms..	2	2	29	5	–	6	5	6
number..	(D)	(D)	1 821	(D)	–	(D)	281	418
100 to 199 ..... farms..	1	3	14	2	1	4	1	3
number..	(D)	361	1 808	(D)	(D)	570	(D)	473
200 to 499 ..... farms..	–	2	3	–	–	1	1	3
number..	–	(D)	670	–	–	(D)	(D)	814
500 or more ..... farms..	–	–	3	–	–	–	1	–
number..	–	–	2 842	–	–	–	(D)	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	547	17	223	320	191	236	30	72
1992..	566	24	296	318	176	245	27	66
number, 1997..	13 949	296	3 505	5 271	2 377	6 440	214	985
1992..	12 822	393	4 095	5 048	2 884	7 381	170	776
1997 farms by inventory:								
1 to 9 ..... farms..	264	10	142	196	125	132	25	46
number..	1 070	39	524	(D)	474	498	(D)	154
10 to 19 ..... farms..	119	3	30	63	31	45	2	7
number..	1 544	31	(D)	816	378	626	(D)	86
20 to 49 ..... farms..	96	2	39	40	24	29	3	16
number..	2 937	(D)	1 181	1 121	716	929	97	418
50 to 99 ..... farms..	37	2	7	12	8	16	–	2
number..	2 294	(D)	535	866	448	1 035	–	(D)
100 to 199 ..... farms..	21	–	4	8	3	11	–	1
number..	2 906	–	520	994	361	1 694	–	(D)
200 to 499 ..... farms..	10	–	1	–	–	2	–	–
number..	3 198	–	(D)	–	–	(D)	–	–
500 or more ..... farms..	–	–	–	1	–	1	–	–
number..	–	–	–	(D)	–	(D)	–	–
SALES								
Dairy products sold ..... farms, 1997..	300	3	59	77	31	54	4	18
1992..	369	1	93	95	36	83	–	20
$1,000, 1997..	45 363	(D)	9 223	12 034	3 127	9 737	(D)	1 629
1992..	48 562	(D)	11 152	12 092	2 771	13 109	–	2 039
Cattle and calves sold ..... farms, 1997..	641	22	233	340	186	253	29	83
1992..	658	29	315	350	189	267	28	79
number, 1997..	21 931	825	5 287	8 974	3 156	9 474	500	1 585
1992..	28 613	1 098	7 151	8 082	4 589	9 808	343	1 473
$1,000, 1997..	10 166	329	2 452	4 381	1 450	6 169	234	641
1992..	13 005	588	3 585	4 440	2 656	5 820	145	607
1997 farms by number sold:								
1 to 9 ..... farms..	203	2	114	154	104	112	20	45
number..	985	(D)	479	(D)	467	(D)	67	(D)
10 to 19 ..... farms..	143	9	32	78	30	54	5	16
number..	2 000	146	430	1 025	412	710	74	217
20 to 49 ..... farms..	169	7	61	71	37	48	1	15
number..	5 209	219	1 767	2 063	1 011	1 493	(D)	408
50 to 99 ..... farms..	72	2	16	25	11	22	1	5
number..	4 689	(D)	1 068	1 801	687	1 531	(D)	313
100 to 199 ..... farms..	39	2	7	7	3	11	2	–
number..	4 802	(D)	943	939	(D)	1 344	(D)	–
200 to 499 ..... farms..	15	–	3	4	1	4	–	2
number..	4 246	–	600	1 140	(D)	958	–	(D)
500 or more ..... farms..	–	–	–	1	–	2	–	–
number..	–	–	–	(D)	–	(D)	–	–
Calves sold ..... farms, 1997..	360	14	107	150	71	98	12	42
1992..	394	11	139	148	90	119	13	36
number, 1997..	8 268	257	1 793	2 793	1 064	1 891	153	724
1992..	12 607	175	2 304	2 445	1 443	2 219	134	508
$1,000, 1997..	1 289	66	281	416	238	284	45	99
1992..	2 418	52	352	465	425	404	35	75
1997 farms by number sold:								
1 to 9 ..... farms..	140	3	58	79	41	46	8	20
number..	592	(D)	218	344	172	(D)	(D)	(D)
10 to 19 ..... farms..	89	5	15	28	11	21	1	13
number..	1 193	54	201	351	164	275	(D)	149
20 to 49 ..... farms..	86	5	26	29	14	18	3	7
number..	2 477	141	768	724	392	501	116	197
50 to 99 ..... farms..	31	1	5	10	5	11	–	1
number..	1 946	(D)	304	664	336	680	–	(D)
100 to 199 ..... farms..	11	–	3	2	–	2	–	–
number..	1 295	–	302	(D)	–	(D)	–	–
200 to 499 ..... farms..	3	–	–	2	–	–	–	1
number..	765	–	–	(D)	–	–	–	(D)
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Cattle sold ..... farms, 1997..	517	21	195	280	158	205	25	62
1992..	577	29	282	317	162	232	25	74
number, 1997..	13 663	568	3 494	6 181	2 092	7 583	347	861
1992..	16 006	923	4 847	5 637	3 146	7 589	209	965
$1,000, 1997..	8 877	264	2 170	3 965	1 213	5 885	188	542
1992..	10 587	535	3 234	3 976	2 232	5 416	110	532
1997 farms by number sold:								
1 to 9 ..... farms..	221	5	104	144	102	97	16	41
number..	992	(D)	422	664	407	(D)	46	177
10 to 19 ..... farms..	117	9	31	67	25	46	6	13
number..	1 555	140	400	869	341	604	91	173
20 to 49 ..... farms..	112	5	44	46	24	35	–	5
number..	3 469	135	1 226	1 387	659	1 093	–	156
50 to 99 ..... farms..	34	–	9	18	5	17	3	2
number..	2 259	–	578	1 293	(D)	1 139	210	(D)
100 to 199 ..... farms..	24	2	7	3	1	5	–	–
number..	2 971	(D)	868	(D)	(D)	648	–	–
200 to 499 ..... farms..	9	–	–	1	1	3	–	1
number..	2 417	–	–	(D)	(D)	758	–	(D)
500 or more ..... farms..	–	–	–	1	–	2	–	–
number..	–	–	–	(D)	–	(D)	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
SALES—Con.							
Cattle and calves sold—Con.							
Cattle fattened on grain and concentrates sold							
farms, 1997	4 729	12	6	143	40	13	25
1992	5 968	16	3	179	48	23	25
number, 1997	210 652	210	27	4 697	480	722	651
1992	251 615	636	8	7 641	441	995	535
$1,000, 1997	164 956	165	19	3 655	290	723	452
1992	201 125	490	5	5 949	334	926	387
1997 farms by number sold:							
1 to 9 farms	2 636	8	5	73	28	5	14
number	10 124	34	(D)	252	92	(D)	(D)
10 to 19 farms	813	1	1	20	6	–	1
number	10 642	(D)	(D)	(D)	(D)	–	(D)
20 to 49 farms	716	1	–	24	5	6	6
number	20 910	(D)	–	691	138	163	189
50 to 99 farms	280	2	–	10	–	–	3
number	18 917	(D)	–	697	–	–	280
100 to 199 farms	154	–	–	11	1	–	1
number	19 626	–	–	1 235	(D)	–	(D)
200 to 499 farms	71	–	–	4	–	2	–
number	21 221	–	–	895	–	(D)	–
500 or more farms	59	–	–	1	–	–	–
number	109 212	–	–	(D)	–	–	–

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
SALES—Con.							
Cattle and calves sold—Con.							
Cattle fattened on grain and concentrates sold							
farms, 1997	1	87	22	19	55	106	131
1992	2	106	52	19	82	151	176
number, 1997	(D)	1 723	385	723	470	10 813	4 925
1992	(D)	2 957	1 034	918	873	10 629	5 634
$1,000, 1997	(D)	1 332	270	623	340	8 777	3 830
1992	(D)	2 409	769	773	642	9 446	4 415
1997 farms by number sold:							
1 to 9 farms	–	56	15	9	43	58	81
number	–	203	64	27	150	(D)	305
10 to 19 farms	1	9	3	2	5	20	17
number	(D)	(D)	31	(D)	(D)	279	229
20 to 49 farms	–	11	1	4	6	15	21
number	–	310	(D)	113	193	421	669
50 to 99 farms	–	9	2	1	1	6	4
number	–	605	(D)	(D)	(D)	377	273
100 to 199 farms	–	1	1	2	–	5	4
number	–	(D)	(D)	(D)	–	637	481
200 to 499 farms	–	1	–	1	–	–	2
number	–	(D)	–	(D)	–	–	(D)
500 or more farms	–	–	–	–	–	2	2
number	–	–	–	–	–	(D)	(D)

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
SALES—Con.							
Cattle and calves sold—Con.							
Cattle fattened on grain and concentrates sold							
farms, 1997	80	23	11	25	39	131	3
1992	95	21	14	37	41	183	2
number, 1997	1 424	219	61	444	1 344	5 029	37
1992	1 701	148	319	543	1 568	5 863	(D)
$1,000, 1997	1 000	162	34	329	1 045	3 982	27
1992	1 350	85	213	348	1 112	4 710	(D)
1997 farms by number sold:							
1 to 9 farms	43	16	10	16	22	67	–
number	182	77	(D)	55	80	279	–
10 to 19 farms	14	4	–	3	7	19	3
number	(D)	54	–	37	94	(D)	37
20 to 49 farms	16	3	1	3	3	27	–
number	446	88	(D)	103	85	828	–
50 to 99 farms	5	–	–	3	4	10	–
number	287	–	–	249	285	645	–
100 to 199 farms	2	–	–	–	–	3	–
number	(D)	–	–	–	–	350	–
200 to 499 farms	–	–	–	–	3	4	–
number	–	–	–	–	800	1 460	–
500 or more farms	–	–	–	–	–	1	–
number	–	–	–	–	–	(D)	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
SALES—Con.							
Cattle and calves sold—Con.							
Cattle fattened on grain and concentrates sold							
farms, 1997	17	6	99	25	71	47	1
1992	26	12	121	19	106	65	3
number, 1997	162	27	4 415	284	1 916	462	(D)
1992	169	43	3 207	168	7 379	550	14
$1,000, 1997	136	15	4 105	225	1 463	350	(D)
1992	135	29	2 321	107	6 065	334	9
1997 farms by number sold:							
1 to 9 farms	12	5	59	20	48	32	1
number	35	(D)	203	57	171	142	(D)
10 to 19 farms	2	1	12	3	10	8	–
number	(D)	(D)	171	(D)	136	105	–
20 to 49 farms	2	–	20	1	8	7	–
number	(D)	–	551	(D)	225	215	–
50 to 99 farms	1	–	2	–	2	–	–
number	(D)	–	(D)	–	(D)	–	–
100 to 199 farms	–	–	3	1	2	–	–
number	–	–	307	(D)	(D)	–	–
200 to 499 farms	–	–	1	–	–	–	–
number	–	–	(D)	–	–	–	–
500 or more farms	–	–	2	–	1	–	–
number	–	–	(D)	–	(D)	–	–

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold								
farms, 1997	50	93	127	6	248	84	174	22
1992	37	120	154	9	305	108	210	23
number, 1997	653	10 632	4 013	12	53 633	2 510	4 536	476
1992	749	5 651	6 103	115	56 779	2 722	5 882	(D)
$1,000, 1997	547	8 447	3 112	8	40 641	1 914	3 509	397
1992	571	4 377	4 529	62	46 552	1 980	4 621	(D)
1997 farms by number sold:								
1 to 9 farms	34	51	71	6	53	51	78	14
number	131	181	(D)	12	257	200	307	48
10 to 19 farms	9	12	24	–	47	16	32	2
number	118	154	310	–	598	203	439	(D)
20 to 49 farms	4	18	17	–	66	9	34	3
number	122	480	568	–	1 956	253	1 015	117
50 to 99 farms	1	2	8	–	35	2	21	2
number	(D)	(D)	578	–	2 361	(D)	1 425	(D)
100 to 199 farms	2	2	5	–	21	4	6	1
number	(D)	(D)	705	–	2 538	530	720	(D)
200 to 499 farms	–	5	1	–	8	1	3	–
number	–	1 722	(D)	–	2 222	(D)	630	–
500 or more farms	–	3	1	–	18	1	–	–
number	–	7 785	(D)	–	43 701	(D)	–	–

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold								
farms, 1997	6	114	118	65	19	112	1	9
1992	3	111	161	76	19	162	–	9
number, 1997	13	4 007	10 126	3 322	124	2 287	(D)	37
1992	5	4 941	7 987	4 493	69	4 444	–	52
$1,000, 1997	9	3 378	8 293	2 524	81	1 731	(D)	24
1992	3	4 142	6 765	3 640	56	3 266	–	31
1997 farms by number sold:								
1 to 9 farms	6	52	55	47	15	61	1	7
number	13	213	(D)	153	54	(D)	(D)	(D)
10 to 19 farms	–	19	19	5	2	21	–	2
number	–	255	275	62	(D)	274	–	(D)
20 to 49 farms	–	21	32	5	2	15	–	–
number	–	604	863	212	(D)	399	–	–
50 to 99 farms	–	13	4	3	–	10	–	–
number	–	824	233	212	–	698	–	–
100 to 199 farms	–	5	3	2	–	4	–	–
number	–	751	426	(D)	–	411	–	–
200 to 499 farms	–	4	2	1	–	1	–	–
number	–	1 360	(D)	(D)	–	(D)	–	–
500 or more farms	–	–	3	2	–	–	–	–
number	–	–	7 335	(D)	–	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997..	135	28	126	60	2	2	30	19
1992..	158	31	152	79	4	3	38	27
number, 1997..	7 562	3 308	9 197	1 127	(D)	(D)	267	276
1992..	6 238	2 274	9 035	3 060	208	(D)	4 041	266
$1,000, 1997..	6 917	2 721	6 780	925	(D)	(D)	181	239
1992..	5 232	2 024	7 298	2 243	172	(D)	(D)	205
1997 farms by number sold:								
1 to 9 ..... farms..	75	17	79	41	1	1	18	15
number..	260	55	299	185	(D)	(D)	73	58
10 to 19 ..... farms..	29	4	13	8	–	–	9	2
number..	387	44	(D)	(D)	–	–	109	(D)
20 to 49 ..... farms..	20	1	14	9	–	1	3	–
number..	610	(D)	441	271	–	(D)	85	–
50 to 99 ..... farms..	5	3	8	–	–	–	–	2
number..	391	161	493	–	–	–	–	(D)
100 to 199 ..... farms..	–	1	5	1	1	–	–	–
number..	–	(D)	607	(D)	(D)	–	–	–
200 to 499 ..... farms..	3	–	2	1	–	–	–	–
number..	914	–	(D)	(D)	–	–	–	–
500 or more ..... farms..	3	2	5	–	–	–	–	–
number..	5 000	(D)	6 444	–	–	–	–	–

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997..	4	35	68	47	35	24	67	95
1992..	11	34	100	48	43	43	110	158
number, 1997..	16	700	1 083	814	484	556	4 027	1 453
1992..	120	2 660	2 200	681	4 399	1 289	4 248	2 056
$1,000, 1997..	11	592	752	540	332	400	3 118	1 051
1992..	74	2 253	1 572	517	3 563	920	3 598	1 508
1997 farms by number sold:								
1 to 9 ..... farms..	4	20	48	27	25	13	32	55
number..	16	74	161	102	101	56	110	(D)
10 to 19 ..... farms..	–	10	9	8	6	3	17	24
number..	–	138	(D)	94	(D)	40	230	291
20 to 49 ..... farms..	–	1	9	6	3	3	3	9
number..	–	(D)	260	183	99	109	63	237
50 to 99 ..... farms..	–	2	1	6	–	5	5	5
number..	–	(D)	(D)	435	–	351	336	343
100 to 199 ..... farms..	–	1	–	–	–	–	4	1
number..	–	(D)	–	–	–	–	618	(D)
200 to 499 ..... farms..	–	1	1	–	1	–	3	1
number..	–	(D)	(D)	–	(D)	–	780	(D)
500 or more ..... farms..	–	–	–	–	–	–	3	–
number..	–	–	–	–	–	–	1 890	–

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997..	8	31	97	21	46	37	2	64
1992..	7	64	105	31	58	42	2	49
number, 1997..	70	1 499	2 345	178	1 215	5 997	(D)	716
1992..	63	3 627	2 191	359	1 536	1 563	(D)	802
$1,000, 1997..	45	1 239	1 690	134	887	4 837	(D)	517
1992..	41	3 168	1 771	274	1 237	1 280	(D)	508
1997 farms by number sold:								
1 to 9 ..... farms..	5	13	69	14	24	13	1	46
number..	18	45	267	(D)	(D)	69	(D)	(D)
10 to 19 ..... farms..	1	7	8	5	9	12	–	12
number..	(D)	96	110	58	115	169	–	172
20 to 49 ..... farms..	2	5	13	2	6	5	1	5
number..	(D)	135	408	(D)	164	146	(D)	204
50 to 99 ..... farms..	–	1	3	–	2	4	–	–
number..	–	(D)	185	–	(D)	239	–	–
100 to 199 ..... farms..	–	3	2	–	5	1	–	1
number..	–	315	(D)	–	690	(D)	–	(D)
200 to 499 ..... farms..	–	2	1	–	–	–	–	–
number..	–	(D)	(D)	–	–	–	–	–
500 or more ..... farms..	–	–	1	–	–	2	–	–
number..	–	–	(D)	–	–	(D)	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997..	11	7	159	39	1	99	112	108
1992..	7	12	239	55	3	119	125	135
number, 1997..	99	103	5 602	328	(D)	1 566	1 736	1 744
1992..	81	154	8 628	743	5	3 501	7 022	3 171
$1,000, 1997..	85	71	4 304	226	(D)	1 241	1 321	1 193
1992..	56	112	6 118	548	2	2 684	5 303	2 712
1997 farms by number sold:								
1 to 9 ..... farms..	7	4	79	27	–	55	70	69
number..	(D)	7	338	107	–	222	262	282
10 to 19 ..... farms..	3	1	33	7	–	16	25	21
number..	39	(D)	440	95	–	(D)	346	279
20 to 49 ..... farms..	1	1	23	5	–	22	13	13
number..	(D)	(D)	629	126	–	578	325	396
50 to 99 ..... farms..	–	1	13	–	–	4	2	3
number..	–	(D)	854	–	–	253	(D)	(D)
100 to 199 ..... farms..	–	–	8	–	1	2	1	1
number..	–	–	949	–	(D)	(D)	(D)	(D)
200 to 499 ..... farms..	–	–	1	–	–	–	–	1
number..	–	–	(D)	–	–	–	–	(D)
500 or more ..... farms..	–	–	2	–	–	–	1	–
number..	–	–	(D)	–	–	–	(D)	–

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997..	185	6	99	132	61	117	9	15
1992..	200	5	142	156	72	129	10	28
number, 1997..	6 270	58	1 489	3 644	769	5 787	28	146
1992..	5 732	38	2 016	2 687	788	5 114	37	158
$1,000, 1997..	5 060	38	1 159	2 637	565	4 814	21	102
1992..	4 542	29	1 498	2 117	589	4 055	22	85
1997 farms by number sold:								
1 to 9 ..... farms..	69	4	62	71	35	59	9	12
number..	321	(D)	273	299	144	(D)	28	40
10 to 19 ..... farms..	48	–	14	32	10	24	–	1
number..	617	–	(D)	395	(D)	311	–	(D)
20 to 49 ..... farms..	33	2	14	18	14	18	–	1
number..	999	(D)	413	537	390	488	–	(D)
50 to 99 ..... farms..	15	–	7	7	2	7	–	1
number..	990	–	374	545	(D)	559	–	(D)
100 to 199 ..... farms..	15	–	2	2	–	4	–	–
number..	1 824	–	(D)	(D)	–	516	–	–
200 to 499 ..... farms..	5	–	–	1	–	3	–	–
number..	1 519	–	–	(D)	–	758	–	–
500 or more ..... farms..	–	–	–	1	–	2	–	–
number..	–	–	–	(D)	–	(D)	–	–

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
INVENTORY							
Hogs and pigs ..... farms, 1997..	2 853	9	6	134	24	7	13
1992..	4 774	10	6	229	27	19	20
number, 1997..	1 032 014	129	35	121 752	519	1 209	1 207
1992..	1 231 641	173	(D)	109 059	1 377	1 653	4 697
Farms by inventory:							
1 to 24 ..... farms, 1997..	1 424	8	6	37	19	2	7
1992..	1 980	8	5	59	19	8	7
number, 1997..	10 267	(D)	35	251	80	(D)	30
1992..	16 120	(D)	9	421	122	(D)	90
25 to 49 ..... farms, 1997..	248	–	–	11	1	–	–
1992..	589	–	–	18	2	1	3
number, 1997..	8 826	–	–	357	(D)	–	–
1992..	20 250	–	–	725	(D)	(D)	132
50 to 99 ..... farms, 1997..	274	1	–	5	2	3	1
1992..	525	2	–	34	–	3	2
number, 1997..	18 184	(D)	–	341	(D)	198	(D)
1992..	35 554	(D)	–	2 465	–	221	(D)
100 to 199 ..... farms, 1997..	226	–	–	14	2	1	3
1992..	511	–	1	23	4	4	3
number, 1997..	30 163	–	–	1 722	(D)	(D)	397
1992..	68 927	–	(D)	3 022	400	746	390
200 to 499 ..... farms, 1997..	265	–	–	16	–	–	1
1992..	587	–	–	39	2	3	1
number, 1997..	82 372	–	–	5 112	–	–	(D)
1992..	177 358	–	–	11 576	(D)	614	(D)
500 to 999 ..... farms, 1997..	169	–	–	14	–	1	1
1992..	300	–	–	23	–	–	2
number, 1997..	114 196	–	–	9 382	–	(D)	(D)
1992..	206 394	–	–	15 189	–	–	(D)
1,000 or more ..... farms, 1997..	247	–	–	37	–	–	–
1992..	282	–	–	33	–	–	2
number, 1997..	768 006	–	–	104 587	–	–	–
1992..	707 038	–	–	75 661	–	–	(D)
Hogs and pigs used or to be used for breeding ..... farms, 1997..	1 524	3	1	66	9	4	3
1992..	2 918	2	5	121	12	9	13
number, 1997..	129 404	(D)	(D)	13 174	111	152	(D)
1992..	177 170	(D)	24	10 916	321	225	378
1997 farms by inventory:							
1 to 24	968	2	1	25	7	2	1
25 to 49	183	1	–	6	2	1	1
50 to 99	136	–	–	10	–	–	1
100 or more	237	–	–	25	–	1	–
Other hogs and pigs ..... farms, 1997..	2 673	8	6	129	22	7	13
1992..	4 502	10	6	220	24	19	20
number, 1997..	902 610	(D)	(D)	108 578	408	1 057	(D)
1992..	1 054 471	(D)	(D)	98 143	1 056	1 428	4 319
LITTERS							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997..	1 604	3	2	66	9	4	4
1992..	3 101	2	5	129	12	10	15
number, 1997..	194 794	(D)	(D)	20 716	183	198	103
1992..	260 680	(D)	20	18 742	503	336	507
Dec. 1 of preceding year and May 31 ..... farms, 1997..	1 476	3	1	63	7	4	4
1992..	2 779	2	5	117	11	10	14
number, 1997..	97 977	(D)	(D)	10 392	106	104	54
1992..	133 610	(D)	(D)	9 436	206	159	266
June 1 and Nov. 30 ..... farms, 1997..	1 346	3	2	61	8	3	3
1992..	2 678	2	1	118	9	10	10
number, 1997..	96 817	(D)	(D)	10 324	77	94	49
1992..	127 070	(D)	(D)	9 306	297	177	241
SALES							
Hogs and pigs sold ..... farms, 1997..	2 690	8	2	127	23	8	9
1992..	4 770	5	1	234	23	19	18
number, 1997..	2 206 940	479	(D)	266 776	1 258	(D)	1 628
1992..	2 300 151	1 336	(D)	229 219	4 081	3 735	5 122
$1,000, 1997..	228 488	47	(D)	34 358	84	(D)	156
1992..	213 440	134	(D)	22 102	246	294	500
1997 farms by number sold:							
1 to 24 ..... farms..	1 045	5	1	27	18	2	3
number..	8 594	15	(D)	212	99	(D)	(D)
25 to 49 ..... farms..	282	1	1	5	1	–	1
number..	10 205	(D)	(D)	170	(D)	–	(D)
50 to 99 ..... farms..	242	–	–	7	1	3	–
number..	16 744	–	–	534	(D)	180	–
100 to 199 ..... farms..	239	1	–	5	1	1	1
number..	32 828	(D)	–	739	(D)	(D)	(D)
200 to 499 ..... farms..	302	1	–	16	1	1	3
number..	92 632	(D)	–	4 872	(D)	(D)	973
500 to 999 ..... farms..	188	–	–	16	1	–	1
number..	138 065	–	–	11 712	(D)	–	(D)
1,000 or more ..... farms..	392	–	–	51	–	1	–
number..	1 907 872	–	–	248 537	–	(D)	–
Feeder pigs sold ..... farms, 1997..	481	2	–	21	2	1	–
1992..	1 075	–	1	35	8	3	2
number, 1997..	358 029	(D)	–	14 898	(D)	(D)	–
1992..	348 541	–	(D)	29 725	2 491	(D)	(D)
$1,000, 1997..	13 272	(D)	–	765	(D)	(D)	–
1992..	12 718	–	(D)	1 249	88	(D)	(D)
Hogs and pigs other than feeder pigs sold ..... farms, 1997..	2 585	8	2	124	22	8	9
1992..	4 565	5	1	220	21	19	18
number, 1997..	1 848 911	(D)	(D)	251 878	(D)	(D)	1 628
1992..	1 951 610	1 336	(D)	199 494	1 590	(D)	(D)
$1,000, 1997..	215 215	(D)	(D)	33 593	(D)	(D)	156
1992..	200 722	134	(D)	20 853	158	(D)	(D)

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
INVENTORY							
Hogs and pigs ..... farms, 1997..	1	43	12	11	64	114	94
1992..	3	94	29	8	74	217	151
number, 1997..	(D)	18 864	554	(D)	20 364	61 982	41 965
1992..	28	13 500	1 113	803	18 794	71 935	40 577
Farms by inventory:							
1 to 24 ..... farms, 1997..	1	26	5	9	45	31	41
1992..	3	46	17	4	32	53	47
number, 1997..	(D)	216	28	37	364	251	329
1992..	28	435	(D)	15	355	586	562
25 to 49 ..... farms, 1997..	–	5	3	–	2	12	8
1992..	–	12	7	2	11	34	25
number, 1997..	–	154	137	–	(D)	484	293
1992..	–	(D)	221	(D)	(D)	1 193	866
50 to 99 ..... farms, 1997..	–	1	2	–	4	18	12
1992..	–	13	1	1	8	35	14
number, 1997..	–	(D)	(D)	–	245	1 208	814
1992..	–	848	(D)	(D)	504	2 497	1 042
100 to 199 ..... farms, 1997..	–	1	2	1	2	10	13
1992..	–	11	3	–	5	37	24
number, 1997..	–	(D)	(D)	(D)	(D)	1 408	1 736
1992..	–	1 474	373	–	649	5 287	3 357
200 to 499 ..... farms, 1997..	–	5	–	–	5	19	3
1992..	–	8	1	–	12	30	22
number, 1997..	–	1 405	–	–	1 440	6 581	1 075
1992..	–	2 555	(D)	–	3 361	9 480	6 522
500 to 999 ..... farms, 1997..	–	3	–	1	2	10	10
1992..	–	1	–	1	4	13	11
number, 1997..	–	2 144	–	(D)	(D)	5 905	6 882
1992..	–	(D)	–	(D)	2 980	8 652	7 918
1,000 or more ..... farms, 1997..	–	2	–	–	4	14	7
1992..	–	3	–	–	2	15	8
number, 1997..	–	(D)	–	–	16 431	46 145	30 836
1992..	–	7 276	–	–	(D)	44 240	20 310
Hogs and pigs used or to be used for breeding ..... farms, 1997..	–	26	6	7	38	63	60
1992..	1	53	17	7	56	159	98
number, 1997..	–	3 489	74	(D)	1 184	7 288	4 289
1992..	(D)	1 654	147	186	2 770	10 744	4 916
1997 farms by inventory:							
1 to 24	–	19	5	6	27	26	42
25 to 49	–	4	1	–	8	14	5
50 to 99	–	1	–	–	1	7	3
100 or more	–	2	–	1	2	16	10
Other hogs and pigs ..... farms, 1997..	1	38	12	10	56	109	86
1992..	3	90	27	7	68	199	143
number, 1997..	(D)	15 375	480	(D)	19 180	54 694	37 676
1992..	(D)	11 846	966	617	16 024	61 191	35 661
LITTERS							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997..	1	27	7	7	40	71	65
1992..	1	56	17	7	60	171	104
number, 1997..	(D)	5 409	122	(D)	1 721	11 788	8 093
1992..	(D)	2 855	246	294	4 044	15 409	7 894
Dec. 1 of preceding year and May 31 ..... farms, 1997..	1	26	7	7	38	65	61
1992..	1	54	14	7	50	151	90
number, 1997..	(D)	2 679	57	(D)	926	5 567	4 242
1992..	(D)	1 473	123	(D)	1 945	7 080	4 041
June 1 and Nov. 30 ..... farms, 1997..	–	21	7	3	31	59	52
1992..	1	45	15	5	54	155	91
number, 1997..	–	2 730	65	(D)	795	6 221	3 851
1992..	(D)	1 382	123	(D)	2 099	8 329	3 853
SALES							
Hogs and pigs sold ..... farms, 1997..	1	46	11	7	60	115	90
1992..	3	97	25	6	83	238	163
number, 1997..	(D)	33 659	1 786	(D)	52 219	115 900	76 721
1992..	(D)	27 559	3 551	(D)	29 200	125 297	71 885
$1,000, 1997..	(D)	3 731	190	161	5 251	12 535	8 999
1992..	(D)	2 698	275	90	2 820	11 725	6 750
1997 farms by number sold:							
1 to 24 ..... farms..	1	23	2	3	28	21	26
number..	(D)	273	(D)	(D)	219	236	240
25 to 49 ..... farms..	–	8	2	1	7	17	14
number..	–	312	(D)	(D)	215	683	480
50 to 99 ..... farms..	–	2	2	1	6	11	8
number..	–	(D)	(D)	(D)	346	730	594
100 to 199 ..... farms..	–	2	2	1	4	11	11
number..	–	(D)	(D)	(D)	525	1 553	1 865
200 to 499 ..... farms..	–	4	2	–	8	18	11
number..	–	1 158	(D)	–	2 724	5 935	3 201
500 to 999 ..... farms..	–	1	1	–	3	17	5
number..	–	(D)	(D)	–	1 852	13 253	3 742
1,000 or more ..... farms..	–	6	–	1	4	20	15
number..	–	30 679	–	(D)	46 338	93 510	66 599
Feeder pigs sold ..... farms, 1997..	1	11	1	1	11	24	11
1992..	1	24	5	2	12	58	35
number, 1997..	(D)	2 116	(D)	(D)	738	22 137	2 430
1992..	(D)	3 427	1 262	(D)	2 151	14 683	6 917
$1,000, 1997..	(D)	(D)	(D)	(D)	31	819	105
1992..	(D)	107	45	(D)	78	457	211
Hogs and pigs other than feeder pigs sold ..... farms, 1997..	1	45	11	7	57	108	90
1992..	2	94	23	5	82	228	152
number, 1997..	(D)	31 543	(D)	324	51 481	93 763	74 291
1992..	(D)	24 132	2 289	260	27 049	110 614	64 968
$1,000, 1997..	(D)	(D)	(D)	(D)	5 221	11 715	8 894
1992..	(D)	2 591	231	(D)	2 742	11 268	6 540

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
INVENTORY							
Hogs and pigs ..... farms, 1997..	106	6	11	15	31	67	5
1992..	206	14	14	28	36	116	4
number, 1997..	172 740	20	245	538	4 550	20 815	21
1992..	240 927	1 010	164	656	4 843	26 969	26
Farms by inventory:							
1 to 24 ..... farms, 1997..	27	6	9	10	22	24	5
1992..	34	11	12	20	21	31	4
number, 1997..	247	20	(D)	88	161	169	21
1992..	341	60	(D)	100	186	255	26
25 to 49 ..... farms, 1997..	5	–	–	3	4	4	–
1992..	21	–	2	5	2	18	–
number, 1997..	175	–	–	(D)	(D)	130	–
1992..	774	–	(D)	161	(D)	647	–
50 to 99 ..... farms, 1997..	10	–	2	1	3	7	–
1992..	11	2	–	1	5	22	–
number, 1997..	665	–	(D)	(D)	222	476	–
1992..	800	(D)	–	(D)	320	1 446	–
100 to 199 ..... farms, 1997..	6	–	–	–	–	5	–
1992..	18	–	–	2	3	10	–
number, 1997..	831	–	–	–	–	623	–
1992..	2 469	–	–	(D)	344	1 243	–
200 to 499 ..... farms, 1997..	11	–	–	1	1	14	–
1992..	33	–	–	–	4	20	–
number, 1997..	3 614	–	–	(D)	(D)	4 836	–
1992..	10 206	–	–	–	1 093	6 385	–
500 to 999 ..... farms, 1997..	12	–	–	–	–	7	–
1992..	30	1	–	–	–	7	–
number, 1997..	8 452	–	–	–	–	4 184	–
1992..	20 925	(D)	–	–	–	5 160	–
1,000 or more ..... farms, 1997..	35	–	–	–	1	6	–
1992..	59	–	–	–	1	8	–
number, 1997..	158 756	–	–	–	(D)	10 397	–
1992..	205 412	–	–	–	(D)	11 833	–
Hogs and pigs used or to be used for breeding ..... farms, 1997..	85	1	6	7	14	37	1
1992..	182	8	9	12	25	77	4
number, 1997..	29 189	(D)	60	60	623	2 293	(D)
1992..	53 862	111	81	68	779	3 374	(D)
1997 farms by inventory:							
1 to 24	30	1	4	6	12	20	1
25 to 49	5	–	2	1	1	1	–
50 to 99	8	–	–	–	–	6	–
100 or more	42	–	–	–	1	10	–
Other hogs and pigs ..... farms, 1997..	98	5	11	15	30	65	4
1992..	196	13	11	27	33	109	2
number, 1997..	143 551	(D)	185	478	3 927	18 522	(D)
1992..	187 065	899	83	588	4 064	23 595	(D)
LITTERS							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997..	89	1	6	7	15	38	1
1992..	186	8	9	13	28	81	4
number, 1997..	35 871	(D)	56	80	1 052	4 261	(D)
1992..	67 407	129	54	69	1 345	4 835	6
Dec. 1 of preceding year and May 31 ..... farms, 1997..	83	1	6	6	15	37	1
1992..	173	8	7	12	20	78	3
number, 1997..	18 452	(D)	29	37	637	2 114	(D)
1992..	34 861	(D)	33	37	685	2 503	3
June 1 and Nov. 30 ..... farms, 1997..	76	1	4	6	12	36	–
1992..	168	3	5	9	23	72	3
number, 1997..	17 419	(D)	27	43	415	2 147	–
1992..	32 546	(D)	21	32	660	2 332	3
SALES							
Hogs and pigs sold ..... farms, 1997..	115	4	7	12	26	60	1
1992..	223	10	12	23	30	119	2
number, 1997..	274 095	18	165	1 145	12 214	36 907	(D)
1992..	440 131	(D)	418	1 191	11 586	45 490	(D)
$1,000, 1997..	31 451	2	17	120	832	4 121	(D)
1992..	44 538	66	23	98	874	4 490	(D)
1997 farms by number sold:							
1 to 24 ..... farms..	24	4	5	6	7	14	1
number..	191	18	(D)	66	48	127	(D)
25 to 49 ..... farms..	5	–	–	3	6	5	–
number..	167	–	–	116	209	183	–
50 to 99 ..... farms..	9	–	2	–	6	10	–
number..	584	–	(D)	–	388	746	–
100 to 199 ..... farms..	11	–	–	1	1	5	–
number..	1 679	–	–	(D)	(D)	726	–
200 to 499 ..... farms..	10	–	–	2	3	8	–
number..	3 331	–	–	(D)	820	2 707	–
500 to 999 ..... farms..	10	–	–	–	1	6	–
number..	7 844	–	–	–	(D)	5 056	–
1,000 or more ..... farms..	46	–	–	–	2	12	–
number..	260 299	–	–	–	(D)	27 362	–
Feeder pigs sold ..... farms, 1997..	14	–	1	4	9	8	–
1992..	32	1	7	8	6	18	2
number, 1997..	13 022	–	(D)	145	727	3 765	–
1992..	21 343	(D)	321	307	(D)	4 815	(D)
$1,000, 1997..	511	–	(D)	6	30	173	–
1992..	639	(D)	12	11	(D)	162	(D)
Hogs and pigs other than feeder pigs sold ..... farms, 1997..	113	4	7	11	21	57	1
1992..	219	10	12	23	29	116	–
number, 1997..	261 073	18	(D)	1 000	11 487	33 142	(D)
1992..	418 788	409	97	884	(D)	40 675	–
$1,000, 1997..	30 940	2	(D)	114	803	3 948	(D)
1992..	43 899	(D)	11	87	(D)	4 328	–

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
INVENTORY							
Hogs and pigs ..... farms, 1997..	15	6	56	13	48	58	1
1992..	14	8	103	13	67	74	6
number, 1997..	230	120	20 573	577	4 183	3 216	(D)
1992..	830	121	24 857	823	9 414	5 691	22
Farms by inventory:							
1 to 24 ..... farms, 1997..	12	5	28	8	28	28	1
1992..	11	7	41	7	39	32	6
number, 1997..	81	(D)	240	(D)	171	305	(D)
1992..	60	(D)	283	39	309	335	22
25 to 49 ..... farms, 1997..	2	–	5	4	9	14	–
1992..	1	–	13	3	9	8	–
number, 1997..	(D)	–	(D)	160	291	519	–
1992..	(D)	–	439	89	297	270	–
50 to 99 ..... farms, 1997..	1	–	5	–	–	6	–
1992..	–	1	10	–	7	20	–
number, 1997..	(D)	–	346	–	–	371	–
1992..	–	(D)	709	–	429	1 496	–
100 to 199 ..... farms, 1997..	–	1	7	–	5	4	–
1992..	–	–	9	1	2	6	–
number, 1997..	–	(D)	940	–	640	558	–
1992..	–	–	1 404	(D)	(D)	885	–
200 to 499 ..... farms, 1997..	–	–	2	1	3	6	–
1992..	2	–	16	2	7	8	–
number, 1997..	–	–	(D)	(D)	827	1 463	–
1992..	(D)	–	4 847	(D)	2 344	2 705	–
500 to 999 ..... farms, 1997..	–	–	3	–	2	–	–
1992..	–	–	10	–	1	–	–
number, 1997..	–	–	2 035	–	(D)	–	–
1992..	–	–	6 542	–	(D)	–	–
1,000 or more ..... farms, 1997..	–	–	6	–	1	–	–
1992..	–	–	4	–	2	–	–
number, 1997..	–	–	16 362	–	(D)	–	–
1992..	–	–	10 633	–	(D)	–	–
Hogs and pigs used or to be used for breeding ..... farms, 1997..	8	2	38	6	23	42	–
1992..	8	4	57	8	35	53	2
number, 1997..	33	(D)	2 447	33	378	468	–
1992..	160	42	2 759	123	1 188	943	(D)
1997 farms by inventory:							
1 to 24	8	1	26	6	20	36	–
25 to 49	–	1	1	–	–	5	–
50 to 99	–	–	5	–	2	1	–
100 or more	–	–	6	–	1	–	–
Other hogs and pigs ..... farms, 1997..	14	6	54	12	43	54	1
1992..	14	7	95	13	60	74	6
number, 1997..	197	(D)	18 126	544	3 805	2 748	(D)
1992..	670	79	22 098	700	8 226	4 748	(D)
LITTERS							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997..	8	2	40	6	23	42	–
1992..	8	4	59	8	38	53	2
number, 1997..	38	(D)	3 902	57	519	787	–
1992..	202	34	5 031	153	1 855	1 416	(D)
Dec. 1 of preceding year and May 31 ..... farms, 1997..	6	2	36	6	22	36	–
1992..	8	4	56	8	34	47	2
number, 1997..	17	(D)	1 974	36	272	409	–
1992..	(D)	(D)	2 573	(D)	979	719	(D)
June 1 and Nov. 30 ..... farms, 1997..	7	2	37	4	19	40	–
1992..	5	4	53	3	32	52	–
number, 1997..	21	(D)	1 928	21	247	378	–
1992..	(D)	(D)	2 458	(D)	876	697	–
SALES							
Hogs and pigs sold ..... farms, 1997..	10	5	54	7	41	60	2
1992..	15	4	105	13	59	70	6
number, 1997..	457	(D)	34 090	929	5 216	5 501	(D)
1992..	2 272	(D)	46 599	1 712	15 371	11 137	56
$1,000, 1997..	50	(D)	3 294	101	475	616	(D)
1992..	206	(D)	4 170	135	1 421	713	11
1997 farms by number sold:							
1 to 24 ..... farms..	7	4	20	2	19	23	2
number..	49	(D)	186	(D)	107	(D)	(D)
25 to 49 ..... farms..	–	–	5	–	10	10	–
number..	–	–	(D)	–	416	369	–
50 to 99 ..... farms..	1	–	2	3	2	7	–
number..	(D)	–	(D)	187	(D)	502	–
100 to 199 ..... farms..	2	–	9	1	3	9	–
number..	(D)	–	1 143	(D)	404	1 243	–
200 to 499 ..... farms..	–	1	4	–	4	10	–
number..	–	(D)	1 069	–	1 229	2 546	–
500 to 999 ..... farms..	–	–	8	1	2	1	–
number..	–	–	5 594	(D)	(D)	(D)	–
1,000 or more ..... farms..	–	–	6	–	1	–	–
number..	–	–	25 797	–	(D)	–	–
Feeder pigs sold ..... farms, 1997..	1	1	16	3	3	13	–
1992..	3	1	20	4	11	31	–
number, 1997..	(D)	(D)	10 074	125	(D)	730	–
1992..	(D)	(D)	7 538	(D)	2 542	6 167	–
$1,000, 1997..	(D)	(D)	402	4	(D)	32	–
1992..	(D)	(D)	270	(D)	78	215	–
Hogs and pigs other than feeder pigs sold ..... farms, 1997..	10	5	49	7	40	55	2
1992..	15	4	104	13	59	64	6
number, 1997..	(D)	(D)	24 016	804	(D)	4 771	(D)
1992..	(D)	(D)	39 061	(D)	12 829	4 970	56
$1,000, 1997..	(D)	9	2 892	97	(D)	584	(D)
1992..	(D)	8	3 900	(D)	1 343	498	11

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
INVENTORY								
Hogs and pigs ..... farms, 1997..	17	42	86	5	69	40	77	11
1992..	37	84	177	12	92	69	119	16
number, 1997..	3 281	19 325	36 181	17	80 889	6 769	19 484	172
1992..	4 861	16 671	37 671	487	41 278	22 172	31 647	2 053
Farms by inventory:								
1 to 24 ..... farms, 1997..	11	17	29	5	16	23	29	9
1992..	23	28	70	10	26	24	43	9
number, 1997..	56	126	210	17	150	147	238	(D)
1992..	168	250	695	(D)	256	206	396	60
25 to 49 ..... farms, 1997..	1	3	11	–	4	2	9	1
1992..	2	5	22	–	9	6	16	1
number, 1997..	(D)	(D)	399	–	(D)	(D)	286	(D)
1992..	(D)	146	715	–	302	208	557	(D)
50 to 99 ..... farms, 1997..	1	3	4	–	3	3	10	1
1992..	4	17	24	1	7	8	11	3
number, 1997..	(D)	216	298	–	162	220	615	(D)
1992..	296	1 134	1 527	(D)	412	504	695	212
100 to 199 ..... farms, 1997..	1	5	7	–	2	2	12	–
1992..	2	11	22	–	9	7	20	–
number, 1997..	(D)	742	948	–	(D)	(D)	1 526	–
1992..	(D)	1 527	2 973	–	1 164	1 109	2 778	–
200 to 499 ..... farms, 1997..	1	1	13	–	16	7	9	–
1992..	3	13	13	1	15	11	13	2
number, 1997..	(D)	(D)	3 486	–	5 345	2 278	2 486	–
1992..	1 025	3 342	3 431	(D)	4 457	3 045	4 111	(D)
500 to 999 ..... farms, 1997..	–	5	9	–	7	1	3	–
1992..	2	7	17	–	13	7	11	–
number, 1997..	–	2 933	6 584	–	4 235	(D)	2 000	–
1992..	(D)	4 904	11 704	–	9 345	5 357	8 195	–
1,000 or more ..... farms, 1997..	2	8	13	–	21	2	5	–
1992..	1	3	9	–	13	6	5	1
number, 1997..	(D)	14 905	24 256	–	70 570	(D)	12 333	–
1992..	(D)	5 368	16 626	–	25 342	11 743	14 915	(D)
Hogs and pigs used or to be used for breeding ..... farms, 1997..	4	19	52	1	28	22	49	4
1992..	22	49	105	5	51	44	69	10
number, 1997..	383	1 096	3 011	(D)	6 620	991	1 708	19
1992..	457	1 925	4 581	(D)	4 371	2 384	4 311	264
1997 farms by inventory:								
1 to 24	2	10	25	1	12	13	34	4
25 to 49	–	2	11	–	3	6	5	–
50 to 99	–	2	6	–	3	–	4	–
100 or more	2	5	10	–	10	3	6	–
Other hogs and pigs ..... farms, 1997..	17	39	80	5	65	35	72	11
1992..	35	84	168	12	89	63	118	13
number, 1997..	2 898	18 229	33 170	(D)	74 269	5 778	17 776	153
1992..	4 404	14 746	33 090	(D)	36 907	19 788	27 336	1 789
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997..	6	19	57	1	28	22	50	4
1992..	22	57	113	5	56	45	70	10
number, 1997..	(D)	1 529	4 439	(D)	14 685	1 369	2 477	15
1992..	811	3 543	7 638	60	7 413	3 748	6 845	374
Dec. 1 of preceding year and May 31 ..... farms, 1997..	6	18	51	1	27	21	45	4
1992..	20	55	97	4	53	42	66	8
number, 1997..	(D)	773	2 199	(D)	7 350	728	1 186	9
1992..	406	1 900	3 734	17	3 698	1 904	3 265	194
June 1 and Nov. 30 ..... farms, 1997..	5	16	50	1	24	18	45	3
1992..	18	47	101	5	48	38	64	8
number, 1997..	(D)	756	2 240	(D)	7 335	641	1 291	6
1992..	405	1 643	3 904	43	3 715	1 844	3 580	180
SALES								
Hogs and pigs sold ..... farms, 1997..	13	42	84	1	69	37	78	11
1992..	32	95	186	6	99	75	124	16
number, 1997..	(D)	49 318	78 030	(D)	302 982	15 761	36 929	288
1992..	8 065	37 607	77 334	(D)	99 518	39 520	52 724	3 403
$1,000, 1997..	(D)	3 594	9 156	(D)	21 818	1 749	4 923	33
1992..	755	3 505	6 821	(D)	8 823	3 646	4 739	333
1997 farms by number sold:								
1 to 24 ..... farms..	9	13	24	1	15	14	23	8
number..	71	(D)	215	(D)	184	126	207	78
25 to 49 ..... farms..	–	3	7	–	4	1	16	2
number..	–	111	245	–	(D)	(D)	593	(D)
50 to 99 ..... farms..	1	5	9	–	4	5	10	–
number..	(D)	366	645	–	281	364	681	–
100 to 199 ..... farms..	1	4	4	–	2	2	8	1
number..	(D)	568	514	–	(D)	(D)	1 214	(D)
200 to 499 ..... farms..	–	5	10	–	8	8	7	–
number..	–	1 681	2 826	–	2 825	2 498	2 312	–
500 to 999 ..... farms..	–	2	12	–	4	3	4	–
number..	–	(D)	8 854	–	2 470	2 331	2 776	–
1,000 or more ..... farms..	2	10	18	–	32	4	10	–
number..	(D)	44 816	64 731	–	296 804	10 110	29 146	–
Feeder pigs sold ..... farms, 1997..	1	6	17	–	8	10	10	–
1992..	5	20	45	2	14	16	26	5
number, 1997..	(D)	581	5 049	–	95 033	1 998	1 037	–
1992..	245	5 549	14 320	(D)	24 470	6 254	10 091	316
$1,000, 1997..	(D)	24	213	–	3 338	90	(D)	–
1992..	8	238	486	(D)	1 038	236	376	11
Hogs and pigs other than feeder pigs sold ..... farms, 1997..	12	41	79	1	69	33	77	11
1992..	29	93	183	5	96	74	123	16
number, 1997..	(D)	48 737	72 981	(D)	207 949	13 763	35 892	288
1992..	7 820	32 058	63 014	34	75 048	33 266	42 633	3 087
$1,000, 1997..	(D)	3 570	8 943	(D)	18 480	1 659	(D)	33
1992..	747	3 267	6 335	(D)	7 786	3 409	4 363	322

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
INVENTORY								
Hogs and pigs ..... farms, 1997..	6	49	71	53	13	52	–	14
1992..	2	93	127	62	11	88	1	16
number, 1997..	59	7 833	9 393	50 323	993	7 949	–	491
1992..	(D)	13 913	29 079	28 435	(D)	14 203	(D)	625
Farms by inventory:								
1 to 24 ..... farms, 1997..	6	20	35	19	9	35	–	7
1992..	2	38	45	21	10	40	1	8
number, 1997..	59	169	307	183	(D)	254	–	(D)
1992..	(D)	(D)	401	180	69	268	(D)	(D)
25 to 49 ..... farms, 1997..	–	5	3	4	–	2	–	2
1992..	–	15	22	5	–	9	–	4
number, 1997..	–	195	106	150	–	(D)	–	(D)
1992..	–	465	729	154	–	277	–	115
50 to 99 ..... farms, 1997..	–	3	9	3	3	5	–	5
1992..	–	7	14	5	–	7	–	1
number, 1997..	–	205	551	166	201	394	–	380
1992..	–	467	1 009	331	–	516	–	(D)
100 to 199 ..... farms, 1997..	–	9	15	3	–	2	–	–
1992..	–	12	13	5	–	19	–	3
number, 1997..	–	1 194	1 940	335	–	(D)	–	–
1992..	–	1 575	1 551	789	–	2 423	–	383
200 to 499 ..... farms, 1997..	–	8	5	6	–	4	–	–
1992..	–	10	20	13	–	6	–	–
number, 1997..	–	2 515	1 589	2 496	–	1 270	–	–
1992..	–	2 740	5 103	3 767	–	1 403	–	–
500 to 999 ..... farms, 1997..	–	2	2	8	1	2	–	–
1992..	–	9	4	6	–	4	–	–
number, 1997..	–	(D)	(D)	6 272	(D)	(D)	–	–
1992..	–	5 941	2 716	3 956	–	2 566	–	–
1,000 or more ..... farms, 1997..	–	2	2	10	–	2	–	–
1992..	–	2	9	7	1	3	–	–
number, 1997..	–	(D)	(D)	40 721	–	(D)	–	–
1992..	–	(D)	17 570	19 258	(D)	6 750	–	–
Hogs and pigs used or to be used for breeding ..... farms, 1997..	4	26	42	24	6	23	–	9
1992..	1	63	93	43	5	51	1	10
number, 1997..	10	618	1 216	3 892	(D)	866	–	65
1992..	(D)	1 768	2 547	3 746	(D)	1 335	(D)	170
1997 farms by inventory:								
1 to 24	4	18	27	12	2	16	–	9
25 to 49	–	5	9	4	1	3	–	–
50 to 99	–	2	3	3	2	1	–	–
100 or more	–	1	3	5	1	3	–	–
Other hogs and pigs ..... farms, 1997..	5	45	69	51	11	49	–	13
1992..	2	81	118	58	9	84	1	16
number, 1997..	49	7 215	8 177	46 431	(D)	7 083	–	426
1992..	(D)	12 145	26 532	24 689	(D)	12 868	(D)	455
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997..	4	30	43	24	6	26	–	11
1992..	1	66	96	49	5	57	1	12
number, 1997..	7	943	1 855	7 085	447	1 830	–	75
1992..	(D)	3 278	5 056	5 728	(D)	1 942	(D)	206
Dec. 1 of preceding year and May 31 ..... farms, 1997..	4	29	41	23	6	24	–	10
1992..	1	58	89	45	5	53	1	10
number, 1997..	4	488	951	3 566	261	1 102	–	39
1992..	(D)	1 644	3 337	2 866	116	1 093	(D)	87
June 1 and Nov. 30 ..... farms, 1997..	3	26	36	22	4	20	–	8
1992..	–	60	79	43	5	35	–	10
number, 1997..	3	455	904	3 519	186	728	–	36
1992..	–	1 634	1 719	2 862	(D)	849	–	119
SALES								
Hogs and pigs sold ..... farms, 1997..	4	48	69	59	9	49	–	11
1992..	–	88	129	70	14	89	–	19
number, 1997..	37	11 379	14 548	87 760	3 711	14 364	–	456
1992..	–	25 789	57 477	48 824	1 994	26 356	–	1 265
$1,000, 1997..	6	1 340	1 541	9 447	289	1 497	–	50
1992..	–	2 139	4 726	4 738	201	2 313	–	67
1997 farms by number sold:								
1 to 24 ..... farms..	4	11	29	22	4	28	–	6
number..	37	92	269	(D)	(D)	280	–	66
25 to 49 ..... farms..	–	4	3	5	–	5	–	2
number..	–	135	(D)	182	–	191	–	(D)
50 to 99 ..... farms..	–	6	10	5	–	2	–	1
number..	–	373	701	326	–	(D)	–	(D)
100 to 199 ..... farms..	–	10	7	2	1	4	–	2
number..	–	1 387	1 056	(D)	(D)	470	–	(D)
200 to 499 ..... farms..	–	11	14	5	–	4	–	–
number..	–	3 083	4 012	2 100	–	1 275	–	–
500 to 999 ..... farms..	–	3	2	9	3	2	–	–
number..	–	1 909	(D)	7 067	2 000	(D)	–	–
1,000 or more ..... farms..	–	3	4	11	1	4	–	–
number..	–	4 400	6 901	77 602	(D)	10 754	–	–
Feeder pigs sold ..... farms, 1997..	–	9	18	9	3	7	–	3
1992..	–	26	52	14	2	22	–	11
number, 1997..	–	400	1 771	19 892	(D)	2 094	–	45
1992..	–	6 082	19 303	3 664	(D)	5 219	–	891
$1,000, 1997..	–	18	61	1 140	(D)	113	–	2
1992..	–	213	836	76	(D)	178	–	26
Hogs and pigs other than feeder pigs sold ..... farms, 1997..	4	47	64	57	7	49	–	11
1992..	–	82	123	65	13	86	–	18
number, 1997..	37	10 979	12 777	67 868	(D)	12 270	–	411
1992..	–	19 707	38 174	45 160	(D)	21 137	–	374
$1,000, 1997..	6	1 322	1 480	8 307	(D)	1 384	–	48
1992..	–	1 927	3 889	4 662	(D)	2 135	–	41

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
INVENTORY								
Hogs and pigs ..... farms, 1997..	60	5	70	30	–	3	18	13
1992..	108	21	124	50	1	7	26	19
number, 1997..	4 354	54	13 273	2 329	–	27	(D)	414
1992..	9 160	479	31 135	3 388	(D)	46	4 560	632
Farms by inventory:								
1 to 24 ..... farms, 1997..	39	4	25	19	–	3	13	5
1992..	56	15	32	36	–	7	16	11
number, 1997..	301	(D)	181	140	–	27	114	20
1992..	462	(D)	278	290	–	46	100	59
25 to 49 ..... farms, 1997..	2	1	6	3	–	–	–	4
1992..	16	4	12	6	1	–	2	5
number, 1997..	(D)	(D)	196	(D)	–	–	–	159
1992..	506	137	406	207	(D)	–	(D)	168
50 to 99 ..... farms, 1997..	6	–	15	4	–	–	3	4
1992..	10	1	17	2	–	–	4	1
number, 1997..	357	–	964	254	–	–	183	235
1992..	586	(D)	1 112	(D)	–	–	261	(D)
100 to 199 ..... farms, 1997..	6	–	8	–	–	–	–	–
1992..	12	1	21	3	–	–	2	1
number, 1997..	670	–	1 130	–	–	–	–	–
1992..	1 532	(D)	2 877	481	–	–	(D)	(D)
200 to 499 ..... farms, 1997..	5	–	7	3	–	–	–	–
1992..	11	–	24	2	–	–	–	1
number, 1997..	1 456	–	2 468	880	–	–	–	–
1992..	3 556	–	7 840	(D)	–	–	–	(D)
500 to 999 ..... farms, 1997..	2	–	6	1	–	–	–	–
1992..	3	–	9	–	–	–	–	–
number, 1997..	(D)	–	4 993	(D)	–	–	–	–
1992..	2 518	–	5 407	–	–	–	–	–
1,000 or more ..... farms, 1997..	–	–	3	–	–	–	2	–
1992..	–	–	9	1	–	–	2	–
number, 1997..	–	–	3 341	–	–	–	(D)	–
1992..	–	–	13 215	(D)	–	–	(D)	–
Hogs and pigs used or to be used for breeding ..... farms, 1997..	32	2	31	15	–	1	11	6
1992..	60	6	75	23	–	5	14	12
number, 1997..	706	(D)	911	291	–	(D)	531	64
1992..	1 502	70	4 126	396	–	15	532	76
1997 farms by inventory:								
1 to 24	23	2	20	13	–	1	7	6
25 to 49	4	–	6	1	–	–	2	–
50 to 99	5	–	3	–	–	–	–	–
100 or more	–	–	2	1	–	–	2	–
Other hogs and pigs ..... farms, 1997..	57	5	64	28	–	3	16	12
1992..	107	21	118	46	1	7	24	18
number, 1997..	3 648	(D)	12 362	2 038	–	(D)	(D)	350
1992..	7 658	409	27 009	2 992	(D)	31	4 028	556
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997..	33	2	33	17	–	1	12	6
1992..	60	8	80	26	1	6	14	13
number, 1997..	974	(D)	1 179	450	–	(D)	1 013	85
1992..	2 231	54	6 013	685	(D)	11	1 233	99
Dec. 1 of preceding year and May 31 ..... farms, 1997..	32	2	31	14	–	1	11	6
1992..	60	3	73	21	1	4	12	9
number, 1997..	543	(D)	608	228	–	(D)	533	64
1992..	1 110	5	2 772	359	(D)	7	744	60
June 1 and Nov. 30 ..... farms, 1997..	27	1	31	13	–	1	9	3
1992..	50	6	75	22	1	4	12	11
number, 1997..	431	(D)	571	222	–	(D)	480	21
1992..	1 121	49	3 241	326	(D)	4	489	39
SALES								
Hogs and pigs sold ..... farms, 1997..	48	6	73	28	1	2	18	12
1992..	99	17	134	49	4	8	23	16
number, 1997..	6 738	65	28 410	3 061	(D)	(D)	7 569	916
1992..	16 329	533	52 946	5 151	(D)	83	5 801	846
$1,000, 1997..	674	11	3 314	354	(D)	(D)	(D)	107
1992..	1 288	41	4 568	436	(D)	9	553	67
1997 farms by number sold:								
1 to 24 ..... farms..	21	5	22	17	–	2	7	2
number..	160	(D)	164	130	–	(D)	68	(D)
25 to 49 ..... farms..	7	1	3	1	–	–	6	5
number..	250	(D)	113	(D)	–	–	201	167
50 to 99 ..... farms..	6	–	11	4	1	–	1	1
number..	400	–	782	231	(D)	–	(D)	(D)
100 to 199 ..... farms..	3	–	11	3	–	–	2	3
number..	300	–	1 439	393	–	–	(D)	412
200 to 499 ..... farms..	5	–	6	1	–	–	–	1
number..	1 390	–	1 806	(D)	–	–	–	(D)
500 to 999 ..... farms..	6	–	11	1	–	–	–	–
number..	4 238	–	8 694	(D)	–	–	–	–
1,000 or more ..... farms..	–	–	9	1	–	–	2	–
number..	–	–	15 412	(D)	–	–	(D)	–
Feeder pigs sold ..... farms, 1997..	15	1	9	8	–	–	4	1
1992..	22	2	21	11	–	2	2	7
number, 1997..	1 180	(D)	1 146	633	–	–	(D)	(D)
1992..	5 238	(D)	10 533	1 268	–	(D)	(D)	321
$1,000, 1997..	48	(D)	43	25	–	–	10	(D)
1992..	183	(D)	289	35	–	(D)	(D)	10
Hogs and pigs other than feeder pigs sold ..... farms, 1997..	46	5	69	28	1	2	18	12
1992..	93	16	129	47	4	8	23	13
number, 1997..	5 558	(D)	27 264	2 428	(D)	(D)	(D)	(D)
1992..	11 091	(D)	42 413	3 883	(D)	(D)	(D)	525
$1,000, 1997..	625	(D)	3 271	329	(D)	(D)	(D)	(D)
1992..	1 105	(D)	4 279	400	(D)	(D)	(D)	57

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
INVENTORY								
Hogs and pigs ..... farms, 1997..	10	28	62	11	34	17	66	55
1992..	5	32	78	17	49	20	96	104
number, 1997..	159	951	11 612	191	4 375	2 590	13 788	22 737
1992..	46	5 798	7 282	211	5 917	4 029	14 001	11 810
Farms by inventory:								
1 to 24 ..... farms, 1997..	7	21	30	9	24	11	31	28
1992..	4	14	34	15	19	15	46	54
number, 1997..	39	99	170	(D)	201	92	272	236
1992..	(D)	125	(D)	(D)	162	90	453	455
25 to 49 ..... farms, 1997..	2	2	7	1	3	3	6	5
1992..	1	2	15	–	9	–	13	9
number, 1997..	(D)	(D)	270	(D)	85	94	217	199
1992..	(D)	(D)	564	–	328	–	462	(D)
50 to 99 ..... farms, 1997..	1	3	8	1	3	1	10	8
1992..	–	7	9	2	13	2	5	13
number, 1997..	(D)	227	550	(D)	174	(D)	683	470
1992..	–	448	609	(D)	915	(D)	314	927
100 to 199 ..... farms, 1997..	–	–	9	–	–	1	4	5
1992..	–	3	11	–	1	–	11	8
number, 1997..	–	–	1 206	–	–	(D)	639	597
1992..	–	480	1 462	–	(D)	–	1 555	1 156
200 to 499 ..... farms, 1997..	–	2	5	–	2	–	7	4
1992..	–	2	7	–	4	2	14	12
number, 1997..	–	(D)	1 316	–	(D)	–	2 300	935
1992..	–	(D)	2 465	–	1 492	(D)	3 661	3 016
500 to 999 ..... farms, 1997..	–	–	1	–	–	–	4	2
1992..	–	2	1	–	2	–	4	7
number, 1997..	–	–	(D)	–	–	–	2 329	(D)
1992..	–	(D)	(D)	–	(D)	–	2 456	4 613
1,000 or more ..... farms, 1997..	–	–	2	–	2	1	4	3
1992..	–	2	1	–	1	1	3	1
number, 1997..	–	–	(D)	–	(D)	(D)	7 348	(D)
1992..	–	(D)	(D)	–	(D)	(D)	5 100	(D)
Hogs and pigs used or to be used for breeding ..... farms, 1997..	4	9	33	5	17	6	32	32
1992..	1	16	44	4	39	11	47	69
number, 1997..	13	53	(D)	32	458	(D)	2 562	3 079
1992..	(D)	430	842	47	895	845	1 597	2 180
1997 farms by inventory:								
1 to 24	4	9	28	5	15	5	16	28
25 to 49	–	–	3	–	–	–	5	1
50 to 99	–	–	–	–	1	–	5	1
100 or more	–	–	2	–	1	1	6	2
Other hogs and pigs ..... farms, 1997..	8	25	56	10	28	17	64	51
1992..	5	32	74	17	46	18	91	95
number, 1997..	146	898	(D)	159	3 917	(D)	11 226	19 658
1992..	(D)	5 368	6 440	164	5 022	3 184	12 404	9 630
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997..	4	9	33	6	18	6	34	35
1992..	2	18	47	4	42	11	51	78
number, 1997..	9	55	(D)	32	676	(D)	3 690	3 199
1992..	(D)	623	1 144	51	1 185	1 362	2 454	3 345
Dec. 1 of preceding year and May 31 ..... farms, 1997..	4	9	30	6	17	6	32	29
1992..	2	17	40	3	42	9	47	69
number, 1997..	6	28	(D)	22	353	(D)	1 524	1 617
1992..	(D)	287	594	23	659	697	1 260	1 701
June 1 and Nov. 30 ..... farms, 1997..	3	6	29	4	15	5	31	30
1992..	1	15	43	4	37	9	44	64
number, 1997..	3	27	(D)	10	323	(D)	2 166	1 582
1992..	(D)	336	550	28	526	665	1 194	1 644
SALES								
Hogs and pigs sold ..... farms, 1997..	6	19	56	13	31	15	63	57
1992..	6	30	80	10	52	19	103	98
number, 1997..	153	1 129	80 329	218	8 913	(D)	36 856	36 129
1992..	44	8 313	10 293	324	11 852	14 978	28 182	22 475
$1,000, 1997..	21	110	2 231	22	1 004	(D)	3 233	4 337
1992..	5	801	928	17	1 038	629	2 523	1 569
1997 farms by number sold:								
1 to 24 ..... farms..	4	12	18	10	15	8	26	26
number..	(D)	(D)	(D)	92	124	69	(D)	(D)
25 to 49 ..... farms..	1	3	6	2	2	3	11	8
number..	(D)	113	216	(D)	(D)	100	417	305
50 to 99 ..... farms..	1	1	11	1	6	1	4	8
number..	(D)	(D)	835	(D)	371	(D)	324	614
100 to 199 ..... farms..	–	–	5	–	3	–	5	3
number..	–	–	636	–	400	–	714	349
200 to 499 ..... farms..	–	3	12	–	1	2	4	5
number..	–	840	3 356	–	(D)	(D)	1 254	1 274
500 to 999 ..... farms..	–	–	–	–	1	–	2	1
number..	–	–	–	–	(D)	–	(D)	(D)
1,000 or more ..... farms..	–	–	4	–	3	1	11	6
number..	–	–	(D)	–	7 100	(D)	32 422	32 841
Feeder pigs sold ..... farms, 1997..	1	2	11	3	6	4	10	15
1992..	1	9	16	4	18	7	20	24
number, 1997..	(D)	(D)	(D)	(D)	301	(D)	13 489	2 848
1992..	(D)	959	1 435	198	3 290	13 349	5 523	10 734
$1,000, 1997..	(D)	(D)	(D)	(D)	11	(D)	584	148
1992..	(D)	30	37	5	129	492	218	344
Hogs and pigs other than feeder pigs sold ..... farms, 1997..	6	18	51	12	31	13	59	55
1992..	6	29	77	9	48	19	97	89
number, 1997..	(D)	(D)	(D)	(D)	8 612	(D)	23 367	33 281
1992..	(D)	7 354	8 858	126	8 562	1 629	22 659	11 741
$1,000, 1997..	(D)	(D)	(D)	(D)	993	(D)	2 649	4 188
1992..	(D)	771	891	12	909	137	2 305	1 225

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
INVENTORY								
Hogs and pigs ..... farms, 1997..	8	25	45	9	30	10	–	40
1992..	13	50	59	17	62	13	4	43
number, 1997..	(D)	6 202	9 690	418	2 380	219	–	808
1992..	333	7 886	5 481	1 073	6 564	1 967	7	1 655
Farms by inventory:								
1 to 24 ..... farms, 1997..	7	15	31	5	15	8	–	34
1992..	9	21	33	10	33	8	4	30
number, 1997..	33	86	(D)	32	97	(D)	–	192
1992..	(D)	(D)	(D)	40	(D)	(D)	7	195
25 to 49 ..... farms, 1997..	–	1	4	1	2	1	–	2
1992..	3	7	11	3	8	–	–	4
number, 1997..	–	(D)	170	(D)	(D)	(D)	–	(D)
1992..	102	231	393	95	290	–	–	141
50 to 99 ..... farms, 1997..	–	1	1	2	3	–	–	1
1992..	–	9	4	2	5	–	–	6
number, 1997..	–	(D)	(D)	(D)	184	–	–	(D)
1992..	–	614	229	(D)	274	–	–	386
100 to 199 ..... farms, 1997..	–	1	5	–	8	1	–	2
1992..	–	1	2	–	9	3	–	1
number, 1997..	–	(D)	768	–	914	(D)	–	(D)
1992..	–	(D)	(D)	–	1 046	374	–	(D)
200 to 499 ..... farms, 1997..	1	2	3	1	1	–	–	1
1992..	1	7	5	1	3	–	–	2
number, 1997..	(D)	(D)	1 104	(D)	(D)	–	–	(D)
1992..	(D)	1 617	1 544	(D)	816	–	–	(D)
500 to 999 ..... farms, 1997..	–	3	–	–	1	–	–	–
1992..	–	4	4	1	3	2	–	–
number, 1997..	–	2 406	–	–	(D)	–	–	–
1992..	–	3 252	2 806	(D)	2 458	(D)	–	–
1,000 or more ..... farms, 1997..	–	2	1	–	–	–	–	–
1992..	–	1	–	–	1	–	–	–
number, 1997..	–	(D)	(D)	–	–	–	–	–
1992..	–	(D)	–	–	(D)	–	–	–
Hogs and pigs used or to be used for breeding ..... farms, 1997..	2	10	19	7	11	4	–	19
1992..	7	28	40	11	30	6	–	21
number, 1997..	(D)	632	(D)	88	345	38	–	111
1992..	77	941	1 068	187	1 008	317	–	344
1997 farms by inventory:								
1 to 24	1	4	15	5	9	4	–	19
25 to 49	–	2	–	2	–	–	–	–
50 to 99	1	1	2	–	1	–	–	–
100 or more	–	3	2	–	1	–	–	–
Other hogs and pigs ..... farms, 1997..	8	24	43	8	30	10	–	32
1992..	9	48	56	13	61	12	4	37
number, 1997..	(D)	5 570	(D)	330	2 035	181	–	697
1992..	256	6 945	4 413	886	5 556	1 650	7	1 311
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997..	2	11	22	7	11	4	–	20
1992..	8	31	40	13	30	7	–	25
number, 1997..	(D)	1 042	2 351	121	468	35	–	165
1992..	84	1 437	1 548	443	1 540	369	–	538
Dec. 1 of preceding year and May 31 ..... farms, 1997..	2	9	19	6	8	4	–	16
1992..	6	23	31	12	23	6	–	21
number, 1997..	(D)	522	635	72	217	16	–	105
1992..	42	690	718	226	762	157	–	280
June 1 and Nov. 30 ..... farms, 1997..	1	8	17	6	9	4	–	16
1992..	5	27	37	12	26	7	–	20
number, 1997..	(D)	520	1 716	49	251	19	–	60
1992..	42	747	830	217	778	212	–	258
SALES								
Hogs and pigs sold ..... farms, 1997..	6	18	34	12	29	10	–	33
1992..	12	54	48	20	54	11	–	37
number, 1997..	(D)	9 083	20 094	1 007	6 680	281	–	1 338
1992..	683	14 467	11 516	3 348	11 185	3 309	–	6 644
$1,000, 1997..	22	1 193	1 371	99	538	24	–	147
1992..	74	1 132	795	272	867	286	–	412
1997 farms by number sold:								
1 to 24 ..... farms..	5	7	21	6	14	7	–	21
number..	42	53	119	39	92	106	–	213
25 to 49 ..... farms..	–	1	2	3	2	1	–	5
number..	–	(D)	(D)	108	(D)	(D)	–	167
50 to 99 ..... farms..	–	1	–	–	–	2	–	3
number..	–	(D)	–	–	–	(D)	–	197
100 to 199 ..... farms..	–	1	2	1	8	–	–	2
number..	–	(D)	(D)	(D)	965	–	–	(D)
200 to 499 ..... farms..	1	1	5	2	3	–	–	2
number..	(D)	(D)	1 562	(D)	1 111	–	–	(D)
500 to 999 ..... farms..	–	3	2	–	–	–	–	–
number..	–	2 275	(D)	–	–	–	–	–
1,000 or more ..... farms..	–	4	2	–	2	–	–	–
number..	–	6 228	(D)	–	(D)	–	–	–
Feeder pigs sold ..... farms, 1997..	1	2	2	5	8	3	–	9
1992..	1	16	20	7	13	4	–	15
number, 1997..	(D)	(D)	(D)	256	3 618	64	–	210
1992..	(D)	4 500	5 375	1 018	3 838	118	–	3 751
$1,000, 1997..	(D)	(D)	(D)	12	(D)	2	–	8
1992..	(D)	139	191	29	149	4	–	115
Hogs and pigs other than feeder pigs sold ..... farms, 1997..	6	18	33	9	28	10	–	31
1992..	12	51	42	19	52	11	–	36
number, 1997..	62	(D)	(D)	751	3 062	217	–	1 128
1992..	(D)	9 967	6 141	2 330	7 347	3 191	–	2 893
$1,000, 1997..	(D)	(D)	(D)	87	(D)	22	–	139
1992..	(D)	993	605	242	717	282	–	297

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
INVENTORY								
Hogs and pigs ..... farms, 1997..	4	4	96	9	2	27	45	94
1992..	10	5	177	14	6	53	83	200
number, 1997..	(D)	(D)	69 018	60	(D)	4 277	1 997	38 684
1992..	210	(D)	89 434	(D)	68	6 238	2 617	61 806
Farms by inventory:								
1 to 24 ..... farms, 1997..	2	2	36	9	1	14	35	35
1992..	7	2	54	12	4	19	58	46
number, 1997..	(D)	(D)	(D)	60	(D)	99	176	312
1992..	38	(D)	501	66	(D)	143	368	472
25 to 49 ..... farms, 1997..	1	–	8	–	1	6	2	3
1992..	1	1	22	1	2	4	13	25
number, 1997..	(D)	–	314	–	(D)	196	(D)	106
1992..	(D)	(D)	780	(D)	(D)	138	492	884
50 to 99 ..... farms, 1997..	–	2	6	–	–	4	3	13
1992..	2	1	8	–	–	10	4	27
number, 1997..	–	(D)	379	–	–	322	179	820
1992..	(D)	(D)	515	–	–	691	(D)	1 794
100 to 199 ..... farms, 1997..	1	–	2	–	–	1	4	9
1992..	–	–	10	–	–	12	7	30
number, 1997..	(D)	–	(D)	–	–	(D)	546	1 350
1992..	–	–	1 500	–	–	1 550	848	3 994
200 to 499 ..... farms, 1997..	–	–	15	–	–	–	–	19
1992..	–	–	45	–	–	5	–	41
number, 1997..	–	–	4 951	–	–	–	–	5 385
1992..	–	–	14 666	–	–	1 401	–	14 110
500 to 999 ..... farms, 1997..	–	–	10	–	–	–	–	3
1992..	–	1	13	–	–	2	1	18
number, 1997..	–	–	6 069	–	–	–	–	2 407
1992..	–	(D)	8 583	–	–	(D)	(D)	12 898
1,000 or more ..... farms, 1997..	–	–	19	–	–	2	1	12
1992..	–	–	25	1	–	1	–	13
number, 1997..	–	–	56 837	–	–	(D)	(D)	28 304
1992..	–	–	62 889	(D)	–	(D)	–	27 654
Hogs and pigs used or to be used for breeding ..... farms, 1997..	2	2	47	5	2	11	22	61
1992..	6	2	102	8	4	24	45	144
number, 1997..	(D)	(D)	6 813	8	(D)	267	146	5 830
1992..	79	(D)	9 183	229	22	586	503	8 957
1997 farms by inventory:								
1 to 24	1	2	21	5	2	10	20	26
25 to 49	1	–	4	–	–	–	2	13
50 to 99	–	–	9	–	–	–	–	12
100 or more	–	–	13	–	–	1	–	10
Other hogs and pigs ..... farms, 1997..	4	4	95	8	2	26	40	87
1992..	10	5	166	12	5	51	75	190
number, 1997..	(D)	(D)	62 205	52	(D)	4 010	1 851	32 854
1992..	131	(D)	80 251	(D)	46	5 652	2 114	52 849
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997..	2	2	47	5	2	12	23	69
1992..	6	4	109	8	4	24	46	151
number, 1997..	(D)	(D)	12 679	11	(D)	459	141	9 497
1992..	76	(D)	15 895	(D)	14	716	532	12 612
Dec. 1 of preceding year and May 31 ..... farms, 1997..	2	2	46	5	2	10	20	58
1992..	4	3	99	6	4	23	41	135
number, 1997..	(D)	(D)	6 469	8	(D)	216	70	4 640
1992..	36	(D)	7 985	(D)	14	358	281	6 763
June 1 and Nov. 30 ..... farms, 1997..	2	2	43	3	2	11	15	54
1992..	6	2	100	8	–	23	39	133
number, 1997..	(D)	(D)	6 210	3	(D)	243	71	4 857
1992..	40	(D)	7 910	(D)	–	358	251	5 849
SALES								
Hogs and pigs sold ..... farms, 1997..	4	3	97	8	2	29	39	96
1992..	10	5	181	10	4	56	70	211
number, 1997..	(D)	70	162 430	97	(D)	7 097	5 984	79 829
1992..	589	(D)	168 499	(D)	134	10 368	4 396	100 038
$1,000, 1997..	(D)	6	18 467	14	(D)	765	682	8 444
1992..	35	(D)	15 247	(D)	15	924	434	9 691
1997 farms by number sold:								
1 to 24 ..... farms..	2	1	30	7	1	15	28	24
number..	(D)	(D)	194	(D)	(D)	98	129	247
25 to 49 ..... farms..	–	2	8	1	1	2	2	10
number..	–	(D)	291	(D)	(D)	(D)	(D)	382
50 to 99 ..... farms..	–	–	3	–	–	3	3	8
number..	–	–	182	–	–	180	220	464
100 to 199 ..... farms..	1	–	7	–	–	4	1	13
number..	(D)	–	877	–	–	544	(D)	1 897
200 to 499 ..... farms..	1	–	9	–	–	3	4	19
number..	(D)	–	2 755	–	–	745	1 193	6 147
500 to 999 ..... farms..	–	–	11	–	–	–	–	7
number..	–	–	8 434	–	–	–	–	4 658
1,000 or more ..... farms..	–	–	29	–	–	2	1	15
number..	–	–	149 697	–	–	(D)	(D)	66 034
Feeder pigs sold ..... farms, 1997..	–	2	6	3	–	1	9	20
1992..	4	2	33	2	2	6	17	40
number, 1997..	–	(D)	4 412	23	–	(D)	(D)	18 648
1992..	466	(D)	29 326	(D)	(D)	1 690	454	13 198
$1,000, 1997..	–	(D)	203	1	–	(D)	16	862
1992..	14	(D)	1 115	(D)	(D)	56	13	627
Hogs and pigs other than feeder pigs sold ..... farms, 1997..	4	3	94	8	2	29	34	92
1992..	10	5	172	10	4	54	64	205
number, 1997..	(D)	(D)	158 018	74	(D)	(D)	(D)	61 181
1992..	123	(D)	139 173	(D)	(D)	8 678	3 942	86 840
$1,000, 1997..	(D)	(D)	18 264	13	(D)	(D)	666	7 582
1992..	22	(D)	14 132	(D)	(D)	869	421	9 064

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
INVENTORY								
Hogs and pigs ..... farms, 1997..	74	3	70	55	60	60	11	15
1992..	137	4	108	121	119	95	14	14
number, 1997..	10 339	11	2 792	10 044	29 477	21 881	648	107
1992..	14 006	1 276	11 545	15 845	52 055	24 984	182	179
Farms by inventory:								
1 to 24 ..... farms, 1997..	33	3	43	29	31	26	7	14
1992..	58	–	51	57	45	39	12	12
number, 1997..	(D)	11	371	204	266	215	28	(D)
1992..	(D)	–	(D)	417	338	376	(D)	(D)
25 to 49 ..... farms, 1997..	9	–	12	4	3	3	–	1
1992..	30	–	17	13	7	7	1	1
number, 1997..	358	–	423	(D)	(D)	(D)	–	(D)
1992..	1 010	–	568	472	243	217	(D)	(D)
50 to 99 ..... farms, 1997..	12	–	6	3	3	9	1	–
1992..	11	1	14	12	10	10	1	1
number, 1997..	738	–	356	228	205	605	(D)	–
1992..	675	(D)	888	845	692	660	(D)	(D)
100 to 199 ..... farms, 1997..	8	–	6	4	2	3	1	–
1992..	20	–	8	13	24	8	–	–
number, 1997..	1 154	–	740	630	(D)	420	(D)	–
1992..	2 520	–	1 075	1 719	2 941	1 023	–	–
200 to 499 ..... farms, 1997..	5	–	3	8	3	8	2	–
1992..	11	1	11	16	11	18	–	–
number, 1997..	1 344	–	902	2 393	850	2 632	(D)	–
1992..	3 187	(D)	3 032	5 130	3 804	4 757	–	–
500 to 999 ..... farms, 1997..	5	–	–	5	10	10	–	–
1992..	5	2	6	10	6	10	–	–
number, 1997..	3 221	–	–	2 715	6 476	6 330	–	–
1992..	2 600	(D)	4 423	7 262	3 901	7 351	–	–
1,000 or more ..... farms, 1997..	2	–	–	2	8	1	–	–
1992..	2	–	1	–	16	3	–	–
number, 1997..	(D)	–	–	(D)	21 323	(D)	–	–
1992..	(D)	–	(D)	–	40 136	10 600	–	–
Hogs and pigs used or to be used for breeding ..... farms, 1997..	50	2	42	28	39	30	3	1
1992..	77	4	72	54	81	57	5	5
number, 1997..	1 671	(D)	773	933	4 859	2 188	(D)	(D)
1992..	1 724	137	1 570	1 103	8 967	2 552	18	32
1997 farms by inventory:								
1 to 24	33	2	32	13	21	14	3	1
25 to 49	8	–	3	9	2	6	–	–
50 to 99	5	–	7	4	2	6	–	–
100 or more	4	–	–	2	14	4	–	–
Other hogs and pigs ..... farms, 1997..	69	3	66	54	54	60	11	15
1992..	131	4	98	118	113	89	14	14
number, 1997..	8 668	(D)	2 019	9 111	24 618	19 693	(D)	(D)
1992..	12 282	1 139	9 975	14 742	43 088	22 432	164	147
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997..	49	2	43	31	41	31	3	1
1992..	82	4	78	60	84	60	5	6
number, 1997..	2 472	(D)	907	1 450	4 894	3 070	(D)	(D)
1992..	2 515	225	2 224	1 926	12 342	4 207	32	25
Dec. 1 of preceding year and May 31 ..... farms, 1997..	46	2	41	28	33	29	3	1
1992..	67	4	70	47	83	55	5	6
number, 1997..	1 276	(D)	447	711	2 816	1 578	(D)	(D)
1992..	1 190	105	1 163	948	7 201	2 160	(D)	14
June 1 and Nov. 30 ..... farms, 1997..	44	2	33	23	34	29	1	1
1992..	73	4	67	55	72	49	3	3
number, 1997..	1 196	(D)	460	739	2 078	1 492	(D)	(D)
1992..	1 325	120	1 061	978	5 141	2 047	(D)	11
SALES								
Hogs and pigs sold ..... farms, 1997..	61	3	69	52	58	62	11	11
1992..	125	5	122	103	116	103	7	10
number, 1997..	18 555	24	6 839	25 616	56 245	27 917	737	287
1992..	20 201	1 358	20 623	33 340	103 464	42 455	129	199
$1,000, 1997..	1 572	3	504	2 872	7 141	3 271	85	37
1992..	1 870	73	1 667	3 366	9 983	4 149	(D)	20
1997 farms by number sold:								
1 to 24 ..... farms..	22	3	43	21	23	24	7	9
number..	200	24	382	166	214	202	(D)	(D)
25 to 49 ..... farms..	6	–	9	4	6	3	–	1
number..	206	–	320	(D)	224	118	–	(D)
50 to 99 ..... farms..	8	–	1	5	3	3	1	–
number..	581	–	(D)	335	209	150	(D)	–
100 to 199 ..... farms..	6	–	5	6	3	11	–	–
number..	873	–	699	828	449	1 271	–	–
200 to 499 ..... farms..	9	–	7	2	3	8	3	1
number..	2 824	–	2 019	(D)	702	2 871	620	(D)
500 to 999 ..... farms..	5	–	2	7	5	6	–	–
number..	3 165	–	(D)	5 128	3 885	4 744	–	–
1,000 or more ..... farms..	5	–	2	7	15	7	–	–
number..	10 706	–	(D)	18 245	50 562	18 561	–	–
Feeder pigs sold ..... farms, 1997..	22	1	17	7	8	5	–	–
1992..	19	4	43	28	20	20	1	2
number, 1997..	7 265	(D)	3 983	435	(D)	371	–	–
1992..	2 502	1 034	7 061	3 037	5 122	3 097	(D)	(D)
$1,000, 1997..	290	(D)	169	11	(D)	13	–	–
1992..	76	35	251	108	177	129	(D)	(D)
Hogs and pigs other than feeder pigs sold ..... farms, 1997..	60	3	68	50	57	62	11	11
1992..	121	5	111	95	113	100	7	9
number, 1997..	11 290	(D)	2 856	25 181	(D)	27 546	737	287
1992..	17 699	324	13 562	30 303	98 342	39 358	(D)	(D)
$1,000, 1997..	1 282	(D)	335	2 862	(D)	3 258	85	37
1992..	1 795	38	1 416	3 258	9 806	4 020	12	(D)

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
INVENTORY							
Any poultry ..... farms, 1997	2 945	14	8	80	43	23	12
1992	2 965	14	5	79	37	27	16
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	2 276	11	5	53	36	18	8
1992	2 454	14	4	54	28	21	15
number, 1997	6 043 468	317	(D)	1 374 885	1 342	(D)	(D)
1992	5 388 894	388	58	(D)	1 041	603	478
Layers 20 weeks old and older ..... farms, 1997	2 205	11	4	52	34	18	8
1992	2 417	13	4	53	28	21	15
number, 1997	4 928 067	317	75	1 374 525	941	318	167
1992	4 607 549	273	58	1 033 823	897	529	478
1997 farms by inventory:							
1 to 49	1 844	10	4	40	30	16	7
50 to 99	214	–	–	5	3	2	1
100 to 399	98	1	–	–	1	–	–
400 to 3,199	20	–	–	–	–	–	–
3,200 to 9,999	3	–	–	1	–	–	–
10,000 to 19,999	3	–	–	2	–	–	–
20,000 to 49,999	6	–	–	–	–	–	–
50,000 to 99,999	4	–	–	–	–	–	–
100,000 or more	13	–	–	4	–	–	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	370	–	1	11	6	2	1
1992	399	4	–	10	6	4	–
number, 1997	1 115 401	–	(D)	360	401	(D)	(D)
1992	781 345	115	–	(D)	144	74	–
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	132	–	–	3	4	–	–
1992	109	–	–	3	–	2	–
number, 1997	820 627	–	–	283 800	77	–	–
1992	950 052	–	–	(D)	–	(D)	–
Broilers and other meat-type chickens ..... farms, 1997	661	1	1	20	10	3	3
1992	692	4	3	16	13	4	1
number, 1997	89 962	(D)	(D)	725	281	(D)	156
1992	43 701	33	120	1 017	312	362	(D)
Turkeys ..... farms, 1997	451	–	2	20	1	5	1
1992	452	1	1	6	8	8	1
number, 1997	2 105 856	–	(D)	506 069	(D)	52	(D)
1992	2 413 403	(D)	(D)	269 002	58	(D)	(D)
Turkey hens kept for breeding ..... farms, 1997	185	–	–	8	–	1	1
1992	166	–	–	1	3	4	1
number, 1997	(D)	–	–	(D)	–	(D)	(D)
1992	42 987	–	–	(D)	7	(D)	(D)
Ducks, geese, and other poultry ..... farms, 1997	967	4	3	20	22	10	2
1992	864	6	2	22	13	11	6
SALES							
Any poultry sold ..... farms, 1997	1 442	4	2	47	21	16	3
1992	1 582	4	–	48	18	14	8
$1,000, 1997	169 053	3	(D)	32 253	54	675	(Z)
1992	136 649	2	–	19 426	8	339	5
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	299	–	–	16	3	1	2
1992	396	–	–	18	3	–	2
number, 1997	4 494 476	–	–	734 935	(D)	(D)	(D)
1992	4 399 458	–	–	(D)	331	–	(D)
Layers 20 weeks old and older sold ..... farms, 1997	258	–	–	11	3	1	2
1992	363	–	–	16	3	–	2
number, 1997	1 269 958	–	–	52 595	115	(D)	(D)
1992	2 603 939	–	–	481 046	331	–	(D)
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	61	–	–	5	1	1	–
1992	59	–	–	2	–	–	–
number, 1997	3 224 518	–	–	682 340	(D)	(D)	–
1992	1 795 519	–	–	(D)	–	–	–
Broilers and other meat-type chickens sold ..... farms, 1997	336	–	–	10	2	5	–
1992	386	–	–	13	3	2	–
number, 1997	393 028	–	–	795	(D)	155	–
1992	400 262	–	–	(D)	275	(D)	–
1997 farms by number sold:							
1 to 1,999	327	–	–	10	2	5	–
2,000 to 59,999	7	–	–	–	–	–	–
60,000 to 99,999	1	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–
200,000 to 499,999	1	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	241	1	–	9	–	4	–
1992	265	2	–	8	2	3	2
number, 1997	6 480 843	(D)	–	1 238 039	–	(D)	–
1992	6 353 403	(D)	–	642 074	(D)	(D)	(D)
Turkeys for slaughter sold ..... farms, 1997	223	1	–	8	–	3	–
1992	256	2	–	8	2	2	2
number, 1997	5 875 101	(D)	–	(D)	–	(D)	–
1992	6 305 759	(D)	–	642 074	(D)	(D)	(D)
Ducks, geese, and other poultry sold ..... farms, 1997	264	–	1	7	5	2	–
1992	261	1	–	4	2	4	–

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
INVENTORY							
Any poultry ..... farms, 1997	4	75	23	20	56	50	56
1992	4	65	16	11	40	50	58
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	1	64	20	17	41	36	45
1992	4	49	9	9	35	40	50
number, 1997	(D)	1 679	(D)	378	786	727	1 829
1992	35	(D)	(D)	(D)	982	(D)	7 819
Layers 20 weeks old and older ..... farms, 1997	1	62	20	13	40	34	44
1992	4	49	9	9	35	38	50
number, 1997	(D)	1 505	633	248	674	671	1 740
1992	35	1 987	189	250	808	(D)	7 642
1997 farms by inventory:							
1 to 49	1	58	16	11	38	31	38
50 to 99	–	2	2	2	2	3	3
100 to 399	–	2	2	–	–	–	2
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 13 weeks old and older but less than 20 weeks old ..... farms, 1997	1	9	2	7	8	3	6
1992	–	10	1	2	8	8	13
number, 1997	(D)	174	(D)	130	112	56	89
1992	–	(D)	(D)	(D)	174	220	177
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	–	4	–	–	–	1	2
1992	–	1	–	1	1	1	3
number, 1997	–	126	–	–	–	(D)	(D)
1992	–	(D)	–	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens ..... farms, 1997	1	10	6	5	9	10	13
1992	1	20	4	2	7	14	14
number, 1997	(D)	377	212	53	168	(D)	984
1992	(D)	769	775	(D)	242	677	796
Turkeys ..... farms, 1997	2	9	6	–	11	2	15
1992	–	15	6	3	1	6	8
number, 1997	(D)	(D)	13	–	48	(D)	182
1992	–	89 069	36	20	(D)	21	59
Turkey hens kept for breeding ..... farms, 1997	–	3	4	–	5	1	3
1992	–	3	2	1	–	3	3
number, 1997	–	(D)	(D)	–	11	(D)	8
1992	–	6	(D)	(D)	–	4	5
Ducks, geese, and other poultry ..... farms, 1997	1	21	3	5	22	12	19
1992	–	20	6	5	11	15	22
SALES							
Any poultry sold ..... farms, 1997	2	26	11	8	23	21	34
1992	2	34	9	6	21	22	28
$1,000, 1997	(D)	3 229	5	17	13	(D)	34
1992	(D)	2 910	6	2	7	76	146
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	–	6	1	–	1	5	4
1992	–	7	2	1	3	3	9
number, 1997	–	(D)	(D)	–	(D)	124	193
1992	–	(D)	(D)	(D)	(D)	(D)	(D)
Layers 20 weeks old and older sold ..... farms, 1997	–	5	–	–	1	5	3
1992	–	7	2	1	3	3	9
number, 1997	–	42	–	–	(D)	124	(D)
1992	–	64	(D)	(D)	(D)	(D)	(D)
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	–	1	1	–	–	–	2
1992	–	1	–	–	–	–	–
number, 1997	–	(D)	(D)	–	–	–	(D)
1992	–	(D)	–	–	–	–	–
Broilers and other meat-type chickens sold ..... farms, 1997	–	1	1	–	4	4	9
1992	–	5	4	2	3	5	6
number, 1997	–	(D)	(D)	–	(D)	(D)	539
1992	–	585	(D)	(D)	366	765	370
1997 farms by number sold:							
1 to 1,999	–	1	1	–	4	3	9
2,000 to 59,999	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	1	–
500,000 or more	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	2	3	2	1	5	2	8
1992	–	10	1	1	2	3	6
number, 1997	(D)	224 100	(D)	(D)	66	(D)	165
1992	–	227 539	(D)	(D)	(D)	26	53
Turkeys for slaughter sold ..... farms, 1997	2	3	2	1	5	2	8
1992	–	9	1	1	2	3	6
number, 1997	(D)	224 100	(D)	(D)	66	(D)	165
1992	–	(D)	(D)	(D)	(D)	26	(D)
Ducks, geese, and other poultry sold ..... farms, 1997	–	5	1	3	5	2	6
1992	1	10	4	1	4	7	8

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
INVENTORY							
Any poultry ..... farms, 1997	47	24	23	17	40	32	4
1992	40	27	16	26	33	41	7
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	37	21	14	13	36	24	3
1992	29	26	14	25	32	34	7
number, 1997	978	1 086	(D)	(D)	1 217	755	(D)
1992	(D)	1 422	(D)	568	988	(D)	192
Layers 20 weeks old and older ..... farms, 1997	37	21	14	13	35	22	3
1992	28	25	14	25	32	34	7
number, 1997	866	1 051	374	295	1 066	653	(D)
1992	2 762	1 334	429	529	902	1 051	133
1997 farms by inventory:							
1 to 49	32	17	13	12	28	17	3
50 to 99	4	2	1	1	5	5	–
100 to 399	1	1	–	–	2	–	–
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 13 weeks old and older but less than 20 weeks old ..... farms, 1997	4	3	2	3	6	6	–
1992	4	6	1	3	3	2	4
number, 1997	112	35	(D)	(D)	151	102	–
1992	(D)	88	(D)	39	86	(D)	59
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	2	2	3	2	1	1	–
1992	1	–	–	1	–	2	1
number, 1997	(D)	(D)	(D)	(D)	(D)	(D)	–
1992	(D)	–	–	(D)	–	(D)	(D)
Broilers and other meat-type chickens ..... farms, 1997	7	5	8	2	4	5	1
1992	5	3	2	4	9	7	3
number, 1997	110	72	146	(D)	256	155	(D)
1992	56	37	(D)	37	315	297	60
Turkeys ..... farms, 1997	11	1	1	4	3	4	2
1992	7	–	–	3	4	8	4
number, 1997	82	(D)	(D)	(D)	14	13	(D)
1992	71	–	–	(D)	(D)	149	8
Turkey hens kept for breeding ..... farms, 1997	4	1	–	3	3	2	1
1992	3	–	–	1	–	2	3
number, 1997	36	(D)	–	(D)	(D)	(D)	(D)
1992	(D)	–	–	(D)	–	(D)	(D)
Ducks, geese, and other poultry ..... farms, 1997	17	10	8	7	7	9	3
1992	18	8	5	4	3	15	6
SALES							
Any poultry sold ..... farms, 1997	19	10	9	7	14	18	2
1992	18	11	9	11	15	20	2
$1,000, 1997	(D)	11	2	1	8	16	(D)
1992	47	(D)	3	4	6	12	(D)
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	4	2	–	2	1	2	–
1992	7	2	1	2	3	4	–
number, 1997	(D)	(D)	–	(D)	(D)	(D)	–
1992	(D)	(D)	(D)	(D)	(D)	159	–
Layers 20 weeks old and older sold ..... farms, 1997	4	2	–	2	–	2	–
1992	6	2	1	2	3	4	–
number, 1997	(D)	(D)	–	(D)	–	(D)	–
1992	(D)	(D)	(D)	(D)	56	159	–
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	–	–	–	1	1	–	–
1992	1	–	–	–	1	–	–
number, 1997	–	–	–	(D)	(D)	–	–
1992	(D)	–	–	–	(D)	–	–
Broilers and other meat-type chickens sold ..... farms, 1997	3	1	2	1	4	4	–
1992	3	–	1	2	3	5	1
number, 1997	(D)	(D)	(D)	(D)	240	212	–
1992	333	–	(D)	(D)	(D)	176	(D)
1997 farms by number sold:							
1 to 1,999	3	1	2	1	4	4	–
2,000 to 59,999	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	4	–	–	1	1	1	1
1992	5	–	1	–	2	5	–
number, 1997	(D)	–	–	(D)	(D)	(D)	(D)
1992	122	–	(D)	–	(D)	160	–
Turkeys for slaughter sold ..... farms, 1997	3	–	–	1	1	1	1
1992	4	–	1	–	2	5	–
number, 1997	(D)	–	–	(D)	(D)	(D)	(D)
1992	(D)	–	(D)	–	(D)	160	–
Ducks, geese, and other poultry sold ..... farms, 1997	6	1	–	1	4	2	1
1992	2	2	2	–	1	3	1

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
INVENTORY							
Any poultry ..... farms, 1997	22	12	68	32	60	65	3
1992	21	6	56	16	72	60	5
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	18	11	50	24	40	57	1
1992	20	6	45	14	57	58	3
number, 1997	633	(D)	3 831	590	768	2 403	(D)
1992	849	(D)	43 384	(D)	2 302	2 419	84
Layers 20 weeks old and older ..... farms, 1997	18	11	49	24	37	55	1
1992	18	6	44	14	57	58	3
number, 1997	633	291	3 589	511	670	2 002	(D)
1992	737	152	43 095	293	2 252	2 232	84
1997 farms by inventory:							
1 to 49	14	9	35	23	34	41	1
50 to 99	2	2	7	–	3	7	–
100 to 399	2	–	5	1	–	7	–
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 13 weeks old and older but less than 20 weeks old ..... farms, 1997	–	2	9	6	8	9	–
1992	3	1	8	1	3	6	–
number, 1997	–	(D)	242	79	98	401	–
1992	112	(D)	289	(D)	50	187	–
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	2	2	4	–	4	2	–
1992	1	1	3	–	3	1	–
number, 1997	(D)	(D)	85	–	139	(D)	–
1992	(D)	(D)	(D)	–	108	(D)	–
Broilers and other meat-type chickens ..... farms, 1997	6	4	15	9	17	14	–
1992	4	4	10	4	15	9	–
number, 1997	241	270	3 569	885	1 229	1 614	–
1992	155	58	1 314	(D)	350	567	–
Turkeys ..... farms, 1997	2	3	13	5	8	5	–
1992	4	–	4	2	13	5	3
number, 1997	(D)	5	94	25	57	(D)	–
1992	36	–	28	(D)	542	13	(D)
Turkey hens kept for breeding ..... farms, 1997	–	1	6	1	2	1	–
1992	–	–	2	1	6	4	–
number, 1997	–	(D)	15	(D)	(D)	(D)	–
1992	–	–	(D)	(D)	(D)	(D)	–
Ducks, geese, and other poultry ..... farms, 1997	7	7	21	8	22	9	2
1992	4	4	19	6	30	10	3
SALES							
Any poultry sold ..... farms, 1997	11	5	31	15	30	33	2
1992	10	4	29	8	30	34	1
$1,000, 1997	4	3	92	4	137	120	(D)
1992	7	1	496	3	79	23	(D)
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	4	2	5	1	3	9	–
1992	3	2	13	2	8	9	–
number, 1997	(D)	(D)	874	(D)	(D)	(D)	–
1992	118	(D)	(D)	(D)	228	322	–
Layers 20 weeks old and older sold ..... farms, 1997	3	2	5	1	2	9	–
1992	3	–	11	2	8	9	–
number, 1997	40	(D)	874	(D)	(D)	281	–
1992	118	–	42 214	(D)	228	322	–
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	1	–	–	–	2	1	–
1992	–	2	2	–	–	–	–
number, 1997	(D)	–	–	–	(D)	(D)	–
1992	–	(D)	(D)	–	–	–	–
Broilers and other meat-type chickens sold ..... farms, 1997	5	–	5	4	7	12	–
1992	1	2	5	1	5	11	–
number, 1997	355	–	(D)	452	901	2 953	–
1992	(D)	(D)	1 070	(D)	220	4 183	–
1997 farms by number sold:							
1 to 1,999	5	–	3	4	7	12	–
2,000 to 59,999	–	–	2	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	1	–	4	–	2	6	2
1992	–	–	1	–	8	3	–
number, 1997	(D)	–	41	–	(D)	577	(D)
1992	–	–	(D)	–	242	(D)	–
Turkeys for slaughter sold ..... farms, 1997	1	–	4	–	2	6	2
1992	–	–	–	–	8	3	–
number, 1997	(D)	–	41	–	(D)	577	(D)
1992	–	–	–	–	242	(D)	–
Ducks, geese, and other poultry sold ..... farms, 1997	1	1	8	1	6	3	–
1992	2	2	8	1	8	4	–

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
INVENTORY								
Any poultry ..... farms, 1997	19	41	75	28	27	61	40	24
1992	27	31	77	21	46	47	35	15
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	16	28	63	18	19	41	23	18
1992	26	23	60	18	29	36	29	14
number, 1997	733	111 654	(D)	(D)	(D)	2 378	(D)	679
1992	757	(D)	(D)	(D)	(D)	1 111	(D)	(D)
Layers 20 weeks old and older ..... farms, 1997	16	26	63	18	18	41	23	18
1992	25	22	59	17	29	35	29	14
number, 1997	663	(D)	(D)	(D)	500 930	2 317	(D)	555
1992	667	(D)	(D)	(D)	786 000	946	(D)	292
1997 farms by inventory:								
1 to 49	13	22	54	15	11	37	20	14
50 to 99	1	2	3	1	–	3	2	4
100 to 399	2	–	4	1	–	–	–	–
400 to 3,199	–	–	1	–	3	1	–	–
3,200 to 9,999	–	–	–	1	–	–	–	–
10,000 to 19,999	–	–	–	–	1	–	–	–
20,000 to 49,999	–	2	–	–	1	–	–	–
50,000 to 99,999	–	–	1	–	1	–	–	–
100,000 or more	–	–	–	–	1	–	1	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	3	5	12	–	4	4	3	5
1992	5	5	8	1	5	5	4	2
number, 1997	70	(D)	(D)	–	(D)	61	(D)	124
1992	90	(D)	116	(D)	(D)	165	(D)	(D)
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	2	3	5	–	–	2	2	–
1992	–	1	3	1	2	1	4	–
number, 1997	(D)	(D)	754	–	–	(D)	(D)	–
1992	–	(D)	(D)	(D)	(D)	(D)	(D)	–
Broilers and other meat-type chickens ..... farms, 1997	5	9	13	4	8	10	9	4
1992	8	6	17	5	17	11	3	5
number, 1997	25	622	735	111	552	187	706	40
1992	151	176	1 262	158	1 266	311	(D)	122
Turkeys ..... farms, 1997	3	6	15	8	6	8	4	5
1992	3	8	15	5	1	7	3	4
number, 1997	9	(D)	100	76	35	(D)	(D)	74
1992	18	(D)	(D)	88	(D)	68	(D)	48
Turkey hens kept for breeding ..... farms, 1997	–	1	8	–	3	6	2	1
1992	1	5	3	–	1	4	1	2
number, 1997	–	(D)	31	–	7	23	(D)	(D)
1992	(D)	18	25	–	(D)	26	(D)	(D)
Ducks, geese, and other poultry ..... farms, 1997	2	10	29	17	8	31	14	10
1992	8	7	20	9	11	14	14	6
SALES								
Any poultry sold ..... farms, 1997	11	21	35	13	12	25	16	10
1992	16	19	39	15	28	16	11	5
$1,000, 1997	13	3 023	389	(D)	(D)	72	(D)	3
1992	5	1 619	(D)	(D)	8 755	23	(D)	1
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	1	8	12	1	6	6	2	4
1992	1	2	9	5	13	1	1	1
number, 1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)	50
1992	(D)	(D)	(D)	(D)	565 020	(D)	(D)	(D)
Layers 20 weeks old and older sold ..... farms, 1997	1	5	11	1	5	5	2	4
1992	–	1	8	5	13	1	1	–
number, 1997	(D)	(D)	(D)	(D)	112 071	57	(D)	50
1992	–	(D)	(D)	(D)	565 020	(D)	(D)	–
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	–	3	3	–	1	1	1	–
1992	1	1	2	–	–	–	–	1
number, 1997	–	123 000	385	–	(D)	(D)	(D)	–
1992	(D)	(D)	(D)	–	–	–	–	(D)
Broilers and other meat-type chickens sold ..... farms, 1997	–	4	10	3	3	5	4	–
1992	6	3	12	5	7	4	3	1
number, 1997	–	295	1 158	44	(D)	156	655	–
1992	1 040	300	1 187	120	343	185	300	(D)
1997 farms by number sold:								
1 to 1,999	–	4	10	3	3	5	4	–
2,000 to 59,999	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	–	2	5	4	1	2	3	5
1992	1	3	7	7	–	2	4	–
number, 1997	–	(D)	29	31	(D)	(D)	(D)	50
1992	(D)	(D)	46	138	–	(D)	(D)	–
Turkeys for slaughter sold ..... farms, 1997	–	2	4	4	1	2	3	5
1992	1	3	7	7	–	2	4	–
number, 1997	–	(D)	(D)	31	(D)	(D)	(D)	50
1992	(D)	(D)	46	138	–	(D)	(D)	–
Ducks, geese, and other poultry sold ..... farms, 1997	1	–	10	3	1	7	3	1
1992	4	2	9	1	1	1	2	–

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
INVENTORY								
Any poultry ..... farms, 1997	7	41	72	45	15	37	–	11
1992	9	40	80	41	12	52	–	10
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	5	35	58	34	12	32	–	8
1992	6	37	70	30	11	45	–	10
number, 1997	201	883	1 463	291 435	(D)	976	–	438
1992	170	(D)	(D)	355 199	160	(D)	–	(D)
Layers 20 weeks old and older ..... farms, 1997	5	33	57	33	12	32	–	8
1992	6	37	70	30	11	45	–	10
number, 1997	201	703	1 272	291 315	319	844	–	359
1992	170	(D)	(D)	355 045	160	1 387	–	357
1997 farms by inventory:								
1 to 49	4	31	52	26	10	28	–	5
50 to 99	–	1	3	2	1	3	–	2
100 to 399	1	1	2	1	1	1	–	1
400 to 3,199	–	–	–	–	–	–	–	–
3,200 to 9,999	–	–	–	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	3	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	1	–	–	–	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	–	7	11	5	2	5	–	3
1992	–	2	11	7	–	2	–	2
number, 1997	–	180	191	120	(D)	132	–	79
1992	–	(D)	2 828	154	–	(D)	–	(D)
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	1	–	2	3	–	1	–	1
1992	–	–	4	3	1	3	–	–
number, 1997	(D)	–	(D)	(D)	–	(D)	–	(D)
1992	–	–	(D)	(D)	(D)	(D)	–	–
Broilers and other meat-type chickens ..... farms, 1997	1	11	19	8	7	8	–	4
1992	1	12	13	7	3	17	–	5
number, 1997	(D)	467	653	510	276	586	–	62
1992	(D)	598	415	195	57	599	–	71
Turkeys ..... farms, 1997	1	5	15	7	6	7	–	2
1992	1	3	18	11	4	3	–	3
number, 1997	(D)	25	121	51	21	(D)	–	(D)
1992	(D)	9	198	48	22	(D)	–	3
Turkey hens kept for breeding ..... farms, 1997	–	4	9	5	2	2	–	2
1992	–	2	8	5	1	–	–	2
number, 1997	–	10	43	8	(D)	(D)	–	(D)
1992	–	(D)	36	10	(D)	–	–	(D)
Ducks, geese, and other poultry ..... farms, 1997	2	9	26	18	4	9	–	4
1992	1	13	18	18	2	14	–	3
SALES								
Any poultry sold ..... farms, 1997	2	15	40	21	8	15	–	5
1992	6	17	45	31	10	27	–	1
$1,000, 1997	(D)	32	41	(D)	6	(D)	–	3
1992	(D)	(D)	118	2 983	3	(D)	–	(D)
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	1	3	12	6	1	8	–	–
1992	2	4	11	7	3	7	–	–
number, 1997	(D)	(D)	(D)	131 265	(D)	200	–	–
1992	(D)	(D)	(D)	134 866	56	168	–	–
Layers 20 weeks old and older sold ..... farms, 1997	1	3	11	6	1	8	–	–
1992	2	4	11	7	3	7	–	–
number, 1997	(D)	(D)	433	131 265	(D)	200	–	–
1992	(D)	(D)	(D)	134 866	56	168	–	–
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	–	–	1	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
number, 1997	–	–	(D)	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Broilers and other meat-type chickens sold ..... farms, 1997	1	3	7	5	2	5	–	–
1992	1	2	9	8	3	11	–	–
number, 1997	(D)	470	(D)	375	(D)	283	–	–
1992	(D)	(D)	613	1 525	(D)	782	–	–
1997 farms by number sold:								
1 to 1,999	1	3	7	5	2	5	–	–
2,000 to 59,999	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	–	1	6	5	2	4	–	–
1992	2	–	6	8	5	5	–	–
number, 1997	–	(D)	252	60	(D)	(D)	–	–
1992	(D)	–	150	296	59	(D)	–	–
Turkeys for slaughter sold ..... farms, 1997	–	1	5	4	2	4	–	–
1992	2	–	6	8	5	5	–	–
number, 1997	–	(D)	(D)	(D)	(D)	(D)	–	–
1992	(D)	–	150	296	59	(D)	–	–
Ducks, geese, and other poultry sold ..... farms, 1997	–	2	9	1	–	2	–	3
1992	1	4	7	5	2	–	–	–

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
INVENTORY								
Any poultry ..... farms, 1997	94	18	53	56	–	7	30	21
1992	91	26	66	66	3	10	43	28
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	78	14	46	45	–	7	25	16
1992	78	23	53	54	3	9	33	25
number, 1997	2 167	(D)	(D)	1 144	–	(D)	1 307	380
1992	4 476	(D)	(D)	1 539	70	(D)	1 932	(D)
Layers 20 weeks old and older ..... farms, 1997	73	14	45	45	–	6	23	16
1992	78	23	49	54	3	9	32	25
number, 1997	1 787	795	6 980	1 029	–	524	1 042	309
1992	2 647	779	7 559	1 464	70	447	1 801	596
1997 farms by inventory:								
1 to 49	64	11	41	39	–	3	17	15
50 to 99	7	2	1	4	–	2	1	1
100 to 399	2	–	2	2	–	1	5	–
400 to 3,199	–	1	–	–	–	–	–	–
3,200 to 9,999	–	–	1	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	19	1	6	5	–	2	5	3
1992	12	2	16	4	–	3	7	1
number, 1997	380	(D)	(D)	115	–	(D)	265	71
1992	1 829	(D)	(D)	75	–	(D)	131	(D)
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	8	1	2	3	–	1	1	2
1992	5	–	4	3	–	1	–	–
number, 1997	312	(D)	(D)	(D)	–	(D)	(D)	(D)
1992	380	–	(D)	57	–	(D)	–	–
Broilers and other meat-type chickens ..... farms, 1997	16	2	6	12	–	2	5	6
1992	22	8	16	16	3	4	11	4
number, 1997	3 665	(D)	428	716	–	(D)	390	96
1992	1 048	511	986	5 835	5	128	1 097	(D)
Turkeys ..... farms, 1997	19	1	7	9	–	2	7	2
1992	14	3	9	17	–	1	8	5
number, 1997	336	(D)	154	66	–	(D)	389	(D)
1992	111	8	59	188	–	(D)	455	25
Turkey hens kept for breeding ..... farms, 1997	4	–	3	4	–	2	3	1
1992	9	1	3	3	–	1	1	2
number, 1997	11	–	5	7	–	(D)	4	(D)
1992	21	(D)	3	(D)	–	(D)	(D)	(D)
Ducks, geese, and other poultry ..... farms, 1997	34	8	17	20	–	–	10	6
1992	30	3	16	15	–	2	11	9
SALES								
Any poultry sold ..... farms, 1997	52	7	37	30	–	4	20	12
1992	46	13	40	42	1	5	22	13
$1,000, 1997	116	8	(D)	20	–	6	25	4
1992	202	5	524	37	(D)	5	38	3
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	14	1	11	6	–	2	4	3
1992	20	2	11	6	–	1	2	2
number, 1997	511	(D)	(D)	(D)	–	(D)	(D)	43
1992	1 147	(D)	(D)	(D)	–	(D)	(D)	(D)
Layers 20 weeks old and older sold ..... farms, 1997	13	1	10	4	–	2	1	3
1992	19	2	8	5	–	1	2	2
number, 1997	312	(D)	(D)	145	–	(D)	(D)	43
1992	750	(D)	(D)	94	–	(D)	(D)	(D)
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	5	–	3	2	–	1	3	–
1992	7	–	5	1	–	1	–	–
number, 1997	199	–	(D)	(D)	–	(D)	(D)	–
1992	397	–	(D)	(D)	–	(D)	–	–
Broilers and other meat-type chickens sold ..... farms, 1997	14	1	5	8	–	–	2	1
1992	20	2	11	11	–	–	8	1
number, 1997	(D)	(D)	870	997	–	–	(D)	(D)
1992	1 768	(D)	1 684	(D)	–	–	2 073	(D)
1997 farms by number sold:								
1 to 1,999	12	1	5	8	–	–	2	1
2,000 to 59,999	2	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	15	1	6	6	–	–	5	2
1992	18	1	5	14	–	–	6	1
number, 1997	566	(D)	158	213	–	–	531	(D)
1992	1 233	(D)	65	318	–	–	1 050	(D)
Turkeys for slaughter sold ..... farms, 1997	15	1	5	6	–	–	5	2
1992	17	1	5	14	–	–	6	1
number, 1997	(D)	(D)	(D)	213	–	–	531	(D)
1992	(D)	(D)	65	318	–	–	1 050	(D)
Ducks, geese, and other poultry sold ..... farms, 1997	16	1	8	5	–	–	4	3
1992	11	1	5	7	–	–	1	1

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
INVENTORY								
Any poultry ..... farms, 1997	8	30	58	22	28	12	67	51
1992	13	24	44	20	31	19	63	54
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	8	24	45	21	26	8	54	45
1992	12	20	35	16	27	14	58	47
number, 1997	(D)	(D)	2 046	476	(D)	286	3 198	1 849
1992	(D)	(D)	1 727	(D)	(D)	419	7 307	1 866
Layers 20 weeks old and older ..... farms, 1997	7	22	40	21	26	8	51	42
1992	12	20	35	16	27	14	56	42
number, 1997	420	575	1 644	436	1 050	286	2 974	1 363
1992	392	1 472	1 727	676	1 129	385	7 176	1 561
1997 farms by inventory:								
1 to 49	5	20	31	21	19	7	45	33
50 to 99	–	1	5	–	5	–	1	8
100 to 399	2	1	4	–	2	1	3	1
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 13 weeks old and older but less than 20 weeks old ..... farms, 1997	1	3	8	3	1	–	12	18
1992	1	1	–	2	3	3	12	8
number, 1997	(D)	(D)	402	40	(D)	–	224	486
1992	(D)	(D)	–	(D)	(D)	34	131	305
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	–	–	2	–	1	–	1	4
1992	–	–	1	–	–	–	3	–
number, 1997	–	–	(D)	–	(D)	–	(D)	68
1992	–	–	(D)	–	–	–	22	–
Broilers and other meat-type chickens ..... farms, 1997	1	8	11	8	11	3	14	15
1992	2	7	11	4	13	4	12	14
number, 1997	(D)	434	1 620	287	895	(D)	603	604
1992	(D)	268	1 338	85	536	110	559	662
Turkeys ..... farms, 1997	1	3	9	6	3	–	11	1
1992	2	4	5	1	4	1	9	12
number, 1997	(D)	(D)	229	21	4	–	83	(D)
1992	(D)	19	83	(D)	11	(D)	86	110
Turkey hens kept for breeding ..... farms, 1997	–	1	5	5	2	–	6	–
1992	1	2	4	1	–	1	3	7
number, 1997	–	(D)	20	12	(D)	–	23	–
1992	(D)	(D)	(D)	(D)	–	(D)	8	35
Ducks, geese, and other poultry ..... farms, 1997	1	3	15	11	9	4	28	9
1992	1	9	8	8	10	7	22	12
SALES								
Any poultry sold ..... farms, 1997	5	10	27	5	19	7	35	29
1992	6	14	33	8	17	9	36	26
$1,000, 1997	5	(D)	44	2	18	3	116	158
1992	4	21	51	5	11	4	398	21
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	–	–	4	–	6	1	7	6
1992	1	5	4	1	2	2	15	8
number, 1997	–	–	300	–	701	(D)	866	(D)
1992	(D)	(D)	405	(D)	(D)	(D)	(D)	243
Layers 20 weeks old and older sold ..... farms, 1997	–	–	3	–	6	1	7	5
1992	1	4	4	1	2	2	15	8
number, 1997	–	–	(D)	–	701	(D)	866	61
1992	(D)	(D)	405	(D)	(D)	(D)	(D)	243
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	–	–	1	–	–	–	–	2
1992	–	1	–	1	–	–	1	–
number, 1997	–	–	(D)	–	–	–	–	(D)
1992	–	(D)	–	(D)	–	–	(D)	–
Broilers and other meat-type chickens sold ..... farms, 1997	1	3	8	1	4	3	14	7
1992	1	3	8	3	3	1	12	8
number, 1997	(D)	(D)	2 428	(D)	775	(D)	1 453	604
1992	(D)	90	4 362	85	(D)	(D)	1 831	770
1997 farms by number sold:								
1 to 1,999	1	3	8	1	4	3	14	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 ..... farms, 1997	–	2	5	–	3	–	5	2
1992	2	3	4	–	4	–	4	2
number, 1997	–	(D)	437	–	(D)	–	1 470	(D)
1992	(D)	6	(D)	–	(D)	–	(D)	(D)
Turkeys for slaughter sold ..... farms, 1997	–	2	5	–	2	–	5	2
1992	2	3	3	–	4	–	4	2
number, 1997	–	(D)	(D)	–	(D)	–	1 470	(D)
1992	(D)	6	(D)	–	(D)	–	(D)	(D)
Ducks, geese, and other poultry sold ..... farms, 1997	–	2	4	–	6	–	10	3
1992	1	4	5	1	2	2	7	9

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
INVENTORY								
Any poultry ..... farms, 1997..	8	36	51	46	28	16	3	41
1992..	11	31	38	37	41	17	8	47
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997..	7	24	40	34	19	14	2	33
1992..	11	25	30	30	37	17	7	38
number, 1997..	(D)	797	(D)	856	(D)	(D)	(D)	1 190
1992..	(D)	1 218	86 054	883	(D)	(D)	(D)	1 045
Layers 20 weeks old and older ..... farms, 1997..	7	21	40	33	19	14	2	33
1992..	11	25	30	30	37	17	7	38
number, 1997..	164	712	914	691	449	234	(D)	1 075
1992..	576	964	86 003	686	(D)	290	194	941
1997 farms by inventory:								
1 to 49	6	18	35	31	17	13	2	25
50 to 99	1	2	5	2	2	1	–	5
100 to 399	–	1	–	–	–	–	–	3
400 to 3,199	–	–	–	–	–	–	–	–
3,200 to 9,999	–	–	–	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997..	1	6	2	7	2	2	–	4
1992..	2	9	4	11	8	3	3	5
number, 1997..	(D)	85	(D)	165	(D)	(D)	–	115
1992..	(D)	254	51	197	488	(D)	(D)	104
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997..	–	5	1	1	3	1	–	–
1992..	1	1	2	1	2	–	–	–
number, 1997..	–	53	(D)	(D)	115	(D)	–	–
1992..	(D)	(D)	(D)	(D)	(D)	–	–	–
Broilers and other meat-type chickens ..... farms, 1997..	2	7	11	5	11	6	–	8
1992..	3	10	7	13	7	3	2	13
number, 1997..	(D)	275	163	214	1 195	203	–	192
1992..	47	538	89	467	805	100	(D)	311
Turkeys ..... farms, 1997..	–	6	4	9	5	1	1	5
1992..	–	9	5	6	6	3	1	7
number, 1997..	–	(D)	(D)	58	(D)	(D)	(D)	16
1992..	–	39	(D)	75	37	23	(D)	63
Turkey hens kept for breeding ..... farms, 1997..	–	4	2	4	2	1	–	1
1992..	–	3	3	2	2	1	1	1
number, 1997..	–	26	(D)	6	(D)	(D)	–	(D)
1992..	–	4	7	(D)	(D)	(D)	(D)	(D)
Ducks, geese, and other poultry ..... farms, 1997..	2	18	14	27	7	4	2	13
1992..	5	11	10	17	7	1	2	8
SALES								
Any poultry sold ..... farms, 1997..	4	18	19	21	16	8	–	20
1992..	8	20	22	25	17	6	3	14
$1,000, 1997..	2	(D)	2 001	(D)	(D)	2	–	11
1992..	6	12	5 558	9	(D)	1	(D)	3
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997..	1	5	4	3	1	–	–	4
1992..	3	5	3	4	4	1	1	6
number, 1997..	(D)	252	(D)	105	(D)	–	–	(D)
1992..	(D)	(D)	74 082	50	(D)	(D)	(D)	107
Layers 20 weeks old and older sold ..... farms, 1997..	–	5	4	3	–	–	–	2
1992..	2	5	3	4	4	1	–	6
number, 1997..	–	252	(D)	105	–	–	–	(D)
1992..	(D)	140	74 082	50	(D)	(D)	–	107
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997..	1	–	–	–	1	–	–	2
1992..	1	2	–	–	–	–	1	–
number, 1997..	(D)	–	–	–	(D)	–	–	(D)
1992..	(D)	(D)	–	–	–	–	(D)	–
Broilers and other meat-type chickens sold ..... farms, 1997..	1	4	5	3	8	2	–	2
1992..	1	7	8	3	2	–	1	–
number, 1997..	(D)	192	(D)	123	1 986	(D)	–	(D)
1992..	(D)	196	215	58	(D)	–	(D)	–
1997 farms by number sold:								
1 to 1,999	1	4	3	3	8	2	–	2
2,000 to 59,999	–	–	2	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997..	–	2	2	3	4	1	–	3
1992..	–	2	3	5	–	1	–	2
number, 1997..	–	(D)	(D)	70	(D)	(D)	–	9
1992..	–	(D)	(D)	72	–	(D)	–	(D)
Turkeys for slaughter sold ..... farms, 1997..	–	1	2	3	4	–	–	3
1992..	–	2	3	5	–	1	–	2
number, 1997..	–	(D)	(D)	70	(D)	–	–	9
1992..	–	(D)	(D)	72	–	(D)	–	(D)
Ducks, geese, and other poultry sold ..... farms, 1997..	2	7	1	3	2	1	–	5
1992..	1	5	2	5	–	–	–	1

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
INVENTORY								
Any poultry ..... farms, 1997	19	11	82	30	4	41	78	64
1992	18	8	76	28	4	61	87	74
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	16	8	46	23	4	36	64	48
1992	15	5	50	25	4	52	74	65
number, 1997	683	(D)	2 336 067	843	97	854	2 625	1 597
1992	(D)	63	983 741	805	37	1 776	4 612	(D)
Layers 20 weeks old and older ..... farms, 1997	13	8	43	22	4	36	64	48
1992	15	5	47	24	4	52	74	64
number, 1997	556	1 057	1 671 021	755	97	723	2 442	1 532
1992	1 063	63	753 692	757	37	1 651	2 297	22 633
1997 farms by inventory:								
1 to 49	9	6	31	15	4	31	50	39
50 to 99	3	1	3	6	–	5	10	6
100 to 399	1	–	2	1	–	–	4	3
400 to 3,199	–	1	1	–	–	–	–	–
3,200 to 9,999	–	–	–	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	6	–	–	–	–	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	4	2	6	3	–	7	10	3
1992	2	–	8	4	–	4	14	9
number, 1997	127	(D)	665 046	88	–	131	183	65
1992	(D)	–	230 049	48	–	125	2 315	(D)
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	–	–	8	1	–	1	4	3
1992	2	–	5	–	–	1	5	4
number, 1997	–	–	486 204	(D)	–	(D)	94	40
1992	(D)	–	335 000	–	–	(D)	457	77
Broilers and other meat-type chickens ..... farms, 1997	3	2	17	9	–	11	20	20
1992	5	1	15	4	1	7	24	12
number, 1997	(D)	(D)	1 638	2 085	–	534	1 737	(D)
1992	359	(D)	1 867	625	(D)	426	2 373	509
Turkeys ..... farms, 1997	–	1	18	2	–	–	16	8
1992	1	–	18	3	–	11	12	5
number, 1997	–	(D)	1 220 662	(D)	–	–	(D)	93
1992	(D)	–	1 788 137	22	–	85	(D)	77
Turkey hens kept for breeding ..... farms, 1997	–	1	3	–	–	–	8	3
1992	–	–	6	–	–	1	1	1
number, 1997	–	(D)	(D)	–	–	–	52	6
1992	–	–	(D)	–	–	(D)	(D)	(D)
Ducks, geese, and other poultry ..... farms, 1997	1	5	19	6	1	10	24	16
1992	4	3	12	3	–	15	29	10
SALES								
Any poultry sold ..... farms, 1997	10	5	69	17	1	17	39	17
1992	20	3	70	13	1	25	54	49
$1,000, 1997	8	(D)	80 480	7	(D)	10	(D)	(D)
1992	13	(D)	68 922	7	(D)	19	(D)	838
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	1	–	17	2	–	–	6	2
1992	4	–	15	2	–	6	12	15
number, 1997	(D)	–	2 353 858	(D)	–	–	409	(D)
1992	135	–	1 193 828	(D)	–	(D)	(D)	(D)
Layers 20 weeks old and older sold ..... farms, 1997	1	–	10	2	–	–	6	2
1992	4	–	10	2	–	3	12	13
number, 1997	(D)	–	356 233	(D)	–	–	409	(D)
1992	135	–	257 828	(D)	–	81	(D)	(D)
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	1	–	7	–	–	–	–	–
1992	–	–	6	–	–	3	2	3
number, 1997	(D)	–	1 997 625	–	–	–	–	–
1992	–	–	936 000	–	–	(D)	(D)	(D)
Broilers and other meat-type chickens sold ..... farms, 1997	5	2	20	4	–	6	10	5
1992	7	1	18	7	–	4	15	10
number, 1997	456	(D)	9 166	(D)	–	1 790	2 474	(D)
1992	1 195	(D)	3 032	974	–	(D)	3 301	(D)
1997 farms by number sold:								
1 to 1,999	5	2	19	4	–	6	10	4
2,000 to 59,999	–	–	1	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	1
100,000 to 199,999	–	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	–	1	17	–	–	5	11	–
1992	3	–	19	1	–	2	14	5
number, 1997	–	(D)	3 953 098	–	–	226	(D)	–
1992	(D)	–	4 730 813	(D)	–	(D)	(D)	28
Turkeys for slaughter sold ..... farms, 1997	–	1	15	–	–	5	9	–
1992	3	–	18	1	–	2	14	5
number, 1997	–	(D)	(D)	–	–	226	(D)	–
1992	(D)	–	(D)	(D)	–	(D)	(D)	28
Ducks, geese, and other poultry sold ..... farms, 1997	1	1	11	3	–	3	8	2
1992	2	2	9	1	–	3	9	7

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
INVENTORY								
Any poultry ..... farms, 1997	73	4	64	67	55	73	29	11
1992	68	6	68	64	58	78	22	23
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	54	3	45	52	45	59	16	8
1992	54	6	50	49	51	71	19	16
number, 1997	2 113	71	(D)	(D)	(D)	2 038	(D)	(D)
1992	(D)	(D)	3 647	(D)	(D)	8 613	1 321	(D)
Layers 20 weeks old and older ..... farms, 1997	50	3	45	50	45	59	16	7
1992	52	5	50	49	49	71	18	16
number, 1997	1 874	71	2 947	(D)	(D)	1 745	729	260
1992	2 094	(D)	2 412	246 014	(D)	8 542	876	449
1997 farms by inventory:								
1 to 49	39	3	36	42	36	50	9	5
50 to 99	7	–	3	4	6	5	5	2
100 to 399	3	–	3	3	–	4	2	–
400 to 3,199	1	–	3	–	2	–	–	–
3,200 to 9,999	–	–	–	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	1	1	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	10	–	3	8	8	7	1	3
1992	11	3	14	14	10	9	5	2
number, 1997	239	–	(D)	159	121	293	(D)	(D)
1992	(D)	40	1 235	(D)	171	71	445	(D)
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	7	–	–	4	3	2	1	–
1992	3	–	4	4	1	5	1	1
number, 1997	183	–	–	230	(D)	(D)	(D)	–
1992	(D)	–	99	(D)	(D)	122	(D)	(D)
Broilers and other meat-type chickens ..... farms, 1997	18	1	20	21	16	17	4	3
1992	18	2	22	26	17	12	2	3
number, 1997	1 155	(D)	617	916	474	638	46	120
1992	1 148	(D)	1 379	3 188	747	422	(D)	(D)
Turkeys ..... farms, 1997	13	1	10	12	6	10	6	2
1992	10	–	5	13	9	13	5	5
number, 1997	134	(D)	173	38	(D)	314	10 021	(D)
1992	83	–	67	263	(D)	195	(D)	140
Turkey hens kept for breeding ..... farms, 1997	4	1	3	6	4	5	1	–
1992	2	–	2	7	7	6	1	2
number, 1997	9	(D)	10	12	(D)	26	(D)	–
1992	(D)	–	(D)	(D)	(D)	36	(D)	(D)
Ducks, geese, and other poultry ..... farms, 1997	22	1	28	32	19	30	12	5
1992	18	1	25	24	24	30	6	4
SALES								
Any poultry sold ..... farms, 1997	32	3	38	23	27	44	15	7
1992	33	3	30	33	29	46	16	9
$1,000, 1997	55	(D)	68	(D)	1 384	50	237	(D)
1992	63	(D)	55	2 717	1 225	194	277	(D)
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	4	1	11	6	6	13	2	–
1992	11	1	8	14	9	10	8	1
number, 1997	(D)	(D)	964	(D)	(D)	316	(D)	–
1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Layers 20 weeks old and older sold ..... farms, 1997	4	–	11	5	5	13	2	–
1992	8	1	8	14	9	10	7	1
number, 1997	(D)	–	964	(D)	(D)	316	(D)	–
1992	213	(D)	355	147 154	(D)	(D)	(D)	(D)
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	–	1	–	2	2	–	–	–
1992	3	–	1	3	–	–	3	–
number, 1997	–	(D)	–	(D)	(D)	–	–	–
1992	(D)	–	(D)	(D)	–	–	(D)	–
Broilers and other meat-type chickens sold ..... farms, 1997	11	–	12	10	3	12	1	2
1992	7	1	5	14	11	9	4	1
number, 1997	919	–	1 640	2 092	(D)	1 955	(D)	(D)
1992	(D)	(D)	560	5 344	213	987	(D)	(D)
1997 farms by number sold:								
1 to 1,999	11	–	12	10	3	12	1	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 ..... farms, 1997	8	–	9	6	3	7	6	1
1992	2	–	8	5	2	6	6	–
number, 1997	62	–	1 248	(D)	(D)	270	15 117	(D)
1992	(D)	–	206	208	(D)	148	3 302	–
Turkeys for slaughter sold ..... farms, 1997	7	–	9	5	1	7	6	1
1992	1	–	8	5	1	6	6	–
number, 1997	(D)	–	1 248	(D)	(D)	270	15 117	(D)
1992	(D)	–	206	(D)	(D)	148	3 302	–
Ducks, geese, and other poultry sold ..... farms, 1997	7	1	6	3	5	11	1	3
1992	5	1	5	7	7	6	3	2

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Sheep and lambs inventory ..... farms, 1997..	1 628	11	2	46	24	9	3
1992..	1 831	10	6	54	12	13	8
number, 1997..	72 107	236	(D)	2 358	437	431	(D)
1992..	97 433	546	1 085	3 048	725	490	164
1997 farms by inventory:							
1 to 24 ..... farms..	977	8	1	24	18	6	2
number..	8 899	84	(D)	(D)	(D)	55	(D)
25 to 99 ..... farms..	515	3	–	16	5	1	1
number..	24 758	152	–	785	170	(D)	(D)
100 to 299 ..... farms..	101	–	–	4	1	2	–
number..	16 333	–	–	489	(D)	(D)	–
300 to 999 ..... farms..	31	–	1	2	–	–	–
number..	16 012	–	(D)	(D)	–	–	–
1,000 or more ..... farms..	4	–	–	–	–	–	–
number..	6 105	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997..	1 379	8	2	38	17	8	2
1992..	1 623	10	6	51	11	12	8
number, 1997..	36 241	170	(D)	1 010	236	230	(D)
1992..	53 534	430	814	1 767	496	293	123
Sheep and lambs shorn ..... farms, 1997..	1 257	8	2	34	15	7	1
1992..	1 549	12	6	48	10	11	8
number, 1997..	61 122	242	(D)	1 364	379	335	(D)
1992..	85 888	553	(D)	2 876	748	377	80
pounds of wool, 1997..	431 678	2 964	(D)	8 437	2 709	2 043	(D)
1992..	607 997	4 174	6 837	20 121	6 797	2 441	618
Sheep and lambs sold ..... farms, 1997..	1 436	9	2	42	19	8	2
1992..	1 694	12	4	51	11	11	7
number, 1997..	77 146	223	(D)	1 486	446	255	(D)
1992..	88 882	584	(D)	2 055	814	434	150
Sheep, lambs, and wool sold ..... farms, 1997..	1 543	9	2	43	20	9	2
1992..	1 798	12	6	54	11	12	8
$1,000, 1997..	5 911	18	(D)	135	28	(D)	(D)
1992..	5 400	21	(D)	128	39	30	6

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Sheep and lambs inventory ..... farms, 1997..	–	37	6	5	17	44	50
1992..	–	39	5	3	22	42	65
number, 1997..	–	2 096	(D)	26	345	1 444	1 593
1992..	–	3 666	153	54	267	1 798	2 276
1997 farms by inventory:							
1 to 24 ..... farms..	–	17	4	5	14	24	29
number..	–	142	16	26	167	183	(D)
25 to 99 ..... farms..	–	17	1	–	3	17	20
number..	–	903	(D)	–	178	836	1 010
100 to 299 ..... farms..	–	1	1	–	–	3	1
number..	–	(D)	(D)	–	–	425	(D)
300 to 999 ..... farms..	–	2	–	–	–	–	–
number..	–	(D)	–	–	–	–	–
1,000 or more ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997..	–	28	5	4	17	36	40
1992..	–	35	5	3	16	39	61
number, 1997..	–	884	(D)	(D)	209	731	967
1992..	–	2 157	97	33	172	1 033	1 361
Sheep and lambs shorn ..... farms, 1997..	–	28	3	5	16	32	39
1992..	–	32	5	2	14	36	59
number, 1997..	–	1 511	(D)	31	255	1 009	1 039
1992..	–	3 379	92	(D)	195	1 525	1 787
pounds of wool, 1997..	–	9 709	(D)	263	1 740	6 606	7 945
1992..	–	15 945	790	(D)	1 339	11 698	14 088
Sheep and lambs sold ..... farms, 1997..	–	30	3	3	22	35	46
1992..	–	37	5	2	18	41	62
number, 1997..	–	1 151	(D)	8	281	1 022	888
1992..	–	3 231	108	(D)	237	1 433	1 605
Sheep, lambs, and wool sold ..... farms, 1997..	–	32	4	6	23	36	51
1992..	–	39	5	2	20	42	65
$1,000, 1997..	–	92	(D)	1	20	(D)	62
1992..	–	180	8	(D)	14	68	84

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**—Con.

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

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Sheep and lambs inventory ..... farms, 1997..	44	7	7	19	11	34	4
1992..	44	10	11	23	18	45	4
number, 1997..	1 147	81	361	1 206	695	2 054	(D)
1992..	1 545	242	231	1 174	1 113	2 286	37
1997 farms by inventory:							
1 to 24 ..... farms..	29	6	1	7	8	14	2
number..	(D)	(D)	(D)	(D)	85	(D)	(D)
25 to 99 ..... farms..	14	1	6	10	2	13	2
number..	695	(D)	(D)	529	(D)	672	(D)
100 to 299 ..... farms..	1	–	–	1	–	6	–
number..	(D)	–	–	(D)	–	880	–
300 to 999 ..... farms..	–	–	–	1	1	1	–
number..	–	–	–	(D)	(D)	(D)	–
1,000 or more ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997..	39	4	6	14	10	32	3
1992..	41	7	9	19	16	40	3
number, 1997..	800	27	246	828	118	1 205	(D)
1992..	1 071	192	167	782	382	1 305	14
Sheep and lambs shorn ..... farms, 1997..	35	4	6	13	8	31	1
1992..	38	7	7	20	15	42	2
number, 1997..	1 019	(D)	241	1 520	129	2 409	(D)
1992..	1 344	199	211	1 222	1 142	2 512	(D)
pounds of wool, 1997..	8 101	(D)	1 942	9 984	1 072	13 873	(D)
1992..	8 861	1 515	1 079	9 361	7 152	17 786	(D)
Sheep and lambs sold ..... farms, 1997..	40	8	7	16	9	34	2
1992..	39	7	8	23	16	47	1
number, 1997..	949	73	169	1 643	638	2 195	(D)
1992..	1 334	(D)	189	1 325	1 089	2 638	(D)
Sheep, lambs, and wool sold ..... farms, 1997..	41	10	7	18	9	35	2
1992..	39	8	9	24	16	51	2
$1,000, 1997..	(D)	8	11	124	44	197	(D)
1992..	62	(D)	11	66	65	112	(D)

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Sheep and lambs inventory ..... farms, 1997..	5	3	37	7	41	20	–
1992..	5	–	55	10	37	27	4
number, 1997..	37	11	2 194	268	1 024	1 074	–
1992..	33	–	3 253	120	1 462	817	27
1997 farms by inventory:							
1 to 24 ..... farms..	5	3	21	6	28	9	–
number..	37	11	(D)	(D)	319	(D)	–
25 to 99 ..... farms..	–	–	10	–	13	9	–
number..	–	–	625	–	705	510	–
100 to 299 ..... farms..	–	–	5	1	–	1	–
number..	–	–	696	(D)	–	(D)	–
300 to 999 ..... farms..	–	–	1	–	–	1	–
number..	–	–	(D)	–	–	(D)	–
1,000 or more ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997..	3	3	31	6	40	15	–
1992..	5	–	49	9	31	22	2
number, 1997..	25	4	845	99	699	393	–
1992..	24	–	2 083	99	905	498	(D)
Sheep and lambs shorn ..... farms, 1997..	3	3	27	5	37	15	–
1992..	3	–	50	10	30	18	1
number, 1997..	40	6	1 587	158	883	761	–
1992..	26	–	3 314	145	1 254	737	(D)
pounds of wool, 1997..	187	38	11 361	666	6 802	3 986	–
1992..	179	–	26 194	850	9 795	4 819	(D)
Sheep and lambs sold ..... farms, 1997..	4	2	30	7	34	18	–
1992..	3	–	50	12	34	24	4
number, 1997..	56	(D)	1 818	165	697	1 261	–
1992..	22	–	2 917	152	982	931	18
Sheep, lambs, and wool sold ..... farms, 1997..	5	3	33	7	39	18	–
1992..	3	–	52	13	38	24	4
$1,000, 1997..	5	(D)	158	7	58	110	–
1992..	1	–	172	7	62	52	(D)

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**—Con.

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

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Sheep and lambs inventory ..... farms, 1997..	4	20	50	5	10	48	37	19
1992..	9	18	49	12	17	56	36	7
number, 1997..	(D)	411	1 503	116	242	2 105	895	567
1992..	32	364	1 265	364	391	2 167	1 581	460
1997 farms by inventory:								
1 to 24 ..... farms..	3	13	29	3	8	26	24	9
number..	(D)	110	(D)	(D)	(D)	(D)	(D)	67
25 to 99 ..... farms..	1	7	19	2	1	18	12	10
number..	(D)	301	848	(D)	(D)	956	611	500
100 to 299 ..... farms..	–	–	2	–	1	3	1	–
number..	–	–	(D)	–	(D)	441	(D)	–
300 to 999 ..... farms..	–	–	–	–	–	1	–	–
number..	–	–	–	–	–	(D)	–	–
1,000 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997..	2	18	40	4	9	46	28	16
1992..	4	17	43	11	8	54	27	7
number, 1997..	(D)	252	883	88	177	1 245	462	369
1992..	18	287	867	244	175	1 307	974	359
Sheep and lambs shorn ..... farms, 1997..	3	16	29	4	7	46	26	12
1992..	5	15	43	7	10	51	29	7
number, 1997..	60	378	1 151	120	255	1 784	802	474
1992..	16	375	1 214	289	292	1 893	1 698	372
pounds of wool, 1997..	259	2 203	9 373	966	1 122	11 991	5 519	2 638
1992..	100	3 049	8 978	2 182	1 982	14 164	11 659	2 242
Sheep and lambs sold ..... farms, 1997..	5	19	39	4	7	47	32	15
1992..	5	16	46	9	15	54	33	8
number, 1997..	41	382	1 045	85	180	1 582	880	375
1992..	23	355	1 068	286	281	1 814	1 208	333
Sheep, lambs, and wool sold ..... farms, 1997..	5	20	40	4	9	53	34	15
1992..	7	17	49	9	16	60	35	8
$1,000, 1997..	(D)	38	81	9	(D)	144	(D)	25
1992..	1	24	(D)	13	13	108	(D)	18

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Sheep and lambs inventory ..... farms, 1997..	3	7	51	42	3	27	–	6
1992..	6	23	62	40	3	27	–	3
number, 1997..	(D)	295	1 982	7 204	107	523	–	774
1992..	411	848	6 644	4 284	61	1 282	–	(D)
1997 farms by inventory:								
1 to 24 ..... farms..	2	3	28	21	1	18	–	2
number..	(D)	(D)	246	197	(D)	148	–	(D)
25 to 99 ..... farms..	–	3	20	10	2	9	–	2
number..	–	142	936	390	(D)	375	–	(D)
100 to 299 ..... farms..	1	1	1	6	–	–	–	1
number..	(D)	(D)	(D)	882	–	–	–	(D)
300 to 999 ..... farms..	–	–	2	2	–	–	–	1
number..	–	–	(D)	(D)	–	–	–	(D)
1,000 or more ..... farms..	–	–	–	3	–	–	–	–
number..	–	–	–	(D)	–	–	–	–
Ewes 1 year old or older ..... farms, 1997..	3	7	41	34	3	24	–	5
1992..	4	20	57	36	3	25	–	3
number, 1997..	(D)	182	1 032	2 378	64	318	–	471
1992..	339	643	3 733	1 670	40	648	–	(D)
Sheep and lambs shorn ..... farms, 1997..	2	8	35	36	3	25	–	6
1992..	3	22	54	38	4	23	–	3
number, 1997..	(D)	188	1 786	6 261	93	596	–	500
1992..	320	848	5 709	2 864	101	1 431	–	(D)
pounds of wool, 1997..	(D)	1 614	13 764	44 736	948	3 678	–	4 287
1992..	2 275	5 497	37 583	21 578	965	8 593	–	(D)
Sheep and lambs sold ..... farms, 1997..	2	8	46	41	3	28	–	6
1992..	5	21	61	42	5	24	–	3
number, 1997..	(D)	177	1 314	6 296	68	729	–	488
1992..	358	751	5 285	2 694	144	1 355	–	(D)
Sheep, lambs, and wool sold ..... farms, 1997..	2	9	47	43	3	29	–	6
1992..	5	23	61	43	5	26	–	3
$1,000, 1997..	(D)	19	103	(D)	6	(D)	–	50
1992..	(D)	(D)	345	(D)	7	(D)	–	(D)

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**—Con.

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

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Sheep and lambs inventory ..... farms, 1997..	50	2	57	37	–	1	16	9
1992..	52	2	46	41	–	5	21	5
number, 1997..	1 488	(D)	1 725	1 229	–	(D)	272	367
1992..	1 919	(D)	4 314	1 831	–	98	400	137
1997 farms by inventory:								
1 to 24 ..... farms..	29	2	39	18	–	–	13	5
number..	(D)	(D)	391	(D)	–	–	89	(D)
25 to 99 ..... farms..	19	–	15	18	–	1	3	3
number..	920	–	665	885	–	(D)	183	192
100 to 299 ..... farms..	2	–	3	1	–	–	–	1
number..	(D)	–	669	(D)	–	–	–	(D)
300 to 999 ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
1,000 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997..	46	2	50	32	–	1	14	9
1992..	48	2	43	35	–	4	17	4
number, 1997..	1 028	(D)	697	858	–	(D)	198	268
1992..	1 088	(D)	2 094	1 155	–	70	278	62
Sheep and lambs shorn ..... farms, 1997..	37	2	42	37	–	1	12	7
1992..	47	2	42	34	–	4	15	3
number, 1997..	1 236	(D)	1 145	1 241	–	(D)	217	293
1992..	1 485	(D)	2 913	1 565	–	93	307	65
pounds of wool, 1997..	8 548	(D)	7 022	9 206	–	(D)	1 961	1 567
1992..	12 263	(D)	21 171	13 222	–	(D)	2 113	490
Sheep and lambs sold ..... farms, 1997..	43	2	43	36	–	1	13	9
1992..	46	2	47	38	–	4	15	5
number, 1997..	1 188	(D)	12 119	920	–	(D)	299	243
1992..	1 377	(D)	8 353	1 494	–	(D)	188	143
Sheep, lambs, and wool sold ..... farms, 1997..	48	2	48	39	–	1	14	9
1992..	53	2	47	40	–	4	17	5
$1,000, 1997..	87	(D)	(D)	68	–	(D)	30	19
1992..	84	(D)	335	88	–	(D)	11	7

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Sheep and lambs inventory ..... farms, 1997..	2	11	19	8	13	13	36	16
1992..	4	20	22	14	13	14	44	31
number, 1997..	(D)	899	1 416	63	216	340	1 229	571
1992..	149	2 526	2 745	764	326	480	1 278	1 468
1997 farms by inventory:								
1 to 24 ..... farms..	2	7	14	8	10	7	23	10
number..	(D)	79	(D)	63	73	86	250	(D)
25 to 99 ..... farms..	–	2	3	–	3	6	9	4
number..	–	(D)	115	–	143	254	359	130
100 to 299 ..... farms..	–	1	1	–	–	–	4	2
number..	–	(D)	(D)	–	–	–	620	(D)
300 to 999 ..... farms..	–	1	1	–	–	–	–	–
number..	–	(D)	(D)	–	–	–	–	–
1,000 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997..	2	8	12	8	11	11	35	16
1992..	4	16	20	10	9	13	40	26
number, 1997..	(D)	309	684	40	123	267	781	399
1992..	86	772	920	363	235	392	687	663
Sheep and lambs shorn ..... farms, 1997..	1	7	8	5	9	12	29	15
1992..	4	16	20	11	12	14	36	20
number, 1997..	(D)	703	838	49	181	321	1 252	571
1992..	100	3 160	2 063	1 124	310	415	1 299	1 256
pounds of wool, 1997..	(D)	4 369	6 183	275	1 620	2 315	8 168	3 334
1992..	440	16 945	11 545	4 972	3 123	3 741	8 596	10 403
Sheep and lambs sold ..... farms, 1997..	2	9	14	3	13	12	36	17
1992..	4	17	21	10	12	15	39	23
number, 1997..	(D)	602	629	(D)	176	360	943	433
1992..	64	3 766	1 575	537	237	514	902	865
Sheep, lambs, and wool sold ..... farms, 1997..	2	10	14	5	14	12	40	17
1992..	4	17	21	13	13	15	43	25
$1,000, 1997..	(D)	(D)	70	1	15	28	67	42
1992..	3	219	93	28	10	20	74	42

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**—Con.

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Sheep and lambs inventory ..... farms, 1997..	4	6	17	35	11	9	2	30
1992..	1	13	15	47	16	9	5	18
number, 1997..	28	53	1 103	967	89	283	(D)	1 084
1992..	(D)	148	300	1 283	207	300	439	1 039
1997 farms by inventory:								
1 to 24 ..... farms..	4	5	10	19	11	7	1	21
number..	28	(D)	52	(D)	89	(D)	(D)	(D)
25 to 99 ..... farms..	–	1	3	14	–	1	–	7
number..	–	(D)	118	487	–	(D)	–	397
100 to 299 ..... farms..	–	–	4	2	–	1	1	1
number..	–	–	933	(D)	–	(D)	(D)	(D)
300 to 999 ..... farms..	–	–	–	–	–	–	–	1
number..	–	–	–	–	–	–	–	(D)
1,000 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997..	3	4	15	31	8	9	2	23
1992..	1	10	13	44	13	8	4	16
number, 1997..	12	26	405	540	48	260	(D)	654
1992..	(D)	80	236	788	112	199	93	735
Sheep and lambs shorn ..... farms, 1997..	3	2	11	30	8	8	2	19
1992..	1	8	14	41	10	8	4	15
number, 1997..	15	(D)	985	829	85	302	(D)	864
1992..	(D)	92	469	956	127	256	203	977
pounds of wool, 1997..	101	(D)	6 727	6 279	734	2 219	(D)	6 872
1992..	(D)	584	2 613	8 299	895	2 135	1 903	6 525
Sheep and lambs sold ..... farms, 1997..	2	5	10	31	10	9	1	31
1992..	1	10	17	44	13	10	6	16
number, 1997..	(D)	38	1 309	650	100	365	(D)	915
1992..	(D)	125	465	876	135	242	458	981
Sheep, lambs, and wool sold ..... farms, 1997..	3	5	11	34	10	9	2	32
1992..	1	10	19	45	16	10	6	17
$1,000, 1997..	(D)	(D)	146	(D)	(D)	33	(D)	66
1992..	(D)	5	22	50	(D)	18	(D)	45

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Sheep and lambs inventory ..... farms, 1997..	13	5	35	7	2	25	24	51
1992..	13	1	32	1	3	31	35	62
number, 1997..	610	78	713	113	(D)	433	362	3 009
1992..	820	(D)	938	(D)	140	407	620	2 917
1997 farms by inventory:								
1 to 24 ..... farms..	9	5	25	6	1	18	19	23
number..	(D)	78	(D)	(D)	(D)	135	177	(D)
25 to 99 ..... farms..	3	–	9	1	–	7	5	20
number..	199	–	383	(D)	–	298	185	968
100 to 299 ..... farms..	–	–	1	–	1	–	–	6
number..	–	–	(D)	–	(D)	–	–	1 074
300 to 999 ..... farms..	1	–	–	–	–	–	–	2
number..	(D)	–	–	–	–	–	–	(D)
1,000 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997..	10	5	32	4	2	22	20	41
1992..	10	1	30	1	3	28	32	55
number, 1997..	174	45	421	17	(D)	282	223	1 740
1992..	748	(D)	494	(D)	(D)	260	428	1 838
Sheep and lambs shorn ..... farms, 1997..	10	4	30	2	1	20	20	43
1992..	11	1	25	2	3	28	26	61
number, 1997..	181	45	491	(D)	(D)	404	298	1 806
1992..	780	(D)	565	(D)	95	389	471	2 378
pounds of wool, 1997..	1 656	248	2 898	(D)	(D)	3 150	2 076	13 531
1992..	6 039	(D)	4 260	(D)	554	2 737	4 367	18 932
Sheep and lambs sold ..... farms, 1997..	13	5	29	5	2	21	20	47
1992..	10	2	31	2	3	22	29	58
number, 1997..	655	62	448	92	(D)	358	263	1 741
1992..	572	(D)	590	(D)	99	284	499	2 472
Sheep, lambs, and wool sold ..... farms, 1997..	13	5	32	5	2	24	23	51
1992..	11	2	32	2	3	30	32	62
$1,000, 1997..	40	(D)	35	9	(D)	33	(D)	(D)
1992..	33	(D)	31	(D)	(D)	18	(D)	142

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**—Con.

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

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Sheep and lambs inventory ..... farms, 1997..	22	1	34	25	22	115	14	4
1992..	31	–	43	22	25	129	1	4
number, 1997..	567	(D)	1 041	941	1 344	11 315	521	120
1992..	866	–	2 356	1 618	1 163	15 979	(D)	(D)
1997 farms by inventory:								
1 to 24 ..... farms..	14	1	22	18	12	46	9	3
number..	(D)	(D)	243	(D)	(D)	(D)	(D)	(D)
25 to 99 ..... farms..	7	–	9	5	6	47	3	1
number..	350	–	341	245	263	2 290	213	(D)
100 to 299 ..... farms..	1	–	3	1	3	14	2	–
number..	(D)	–	457	(D)	457	2 322	(D)	–
300 to 999 ..... farms..	–	–	–	1	1	7	–	–
number..	–	–	–	(D)	(D)	4 240	–	–
1,000 or more ..... farms..	–	–	–	–	–	1	–	–
number..	–	–	–	–	–	(D)	–	–
Ewes 1 year old or older ..... farms, 1997..	19	1	32	19	18	102	5	4
1992..	28	–	42	18	23	120	–	3
number, 1997..	427	(D)	575	783	760	4 370	40	93
1992..	592	–	1 011	1 342	834	6 696	–	(D)
Sheep and lambs shorn ..... farms, 1997..	15	1	27	15	15	103	6	2
1992..	23	–	30	16	20	121	–	1
number, 1997..	479	(D)	650	876	1 108	12 762	52	(D)
1992..	692	–	1 922	1 912	1 054	13 581	–	(D)
pounds of wool, 1997..	3 663	(D)	6 319	7 027	6 852	92 479	512	(D)
1992..	5 589	–	14 801	15 204	8 839	94 768	–	(D)
Sheep and lambs sold ..... farms, 1997..	19	1	33	16	18	109	9	3
1992..	27	–	39	16	27	133	1	3
number, 1997..	319	(D)	879	1 110	847	17 862	500	(D)
1992..	314	–	1 334	1 363	1 002	16 616	(D)	(D)
Sheep, lambs, and wool sold ..... farms, 1997..	20	1	35	20	19	113	12	4
1992..	29	–	40	17	28	137	1	3
$1,000, 1997..	21	(D)	95	(D)	66	1 587	(D)	(D)
1992..	17	–	71	85	66	1 381	(D)	(D)

Table 18. **Horses and Ponies—Inventory and Sales: 1997 and 1992**

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
STATE TOTAL					
Michigan 1997	9 090	66 201	2 482	9 646	17 377
1992	7 846	53 991	2 370	8 086	11 699
COUNTIES, 1997					
Alcona	43	185	9	29	41
Alger	13	59	4	13	(D)
Allegan	281	1 765	86	319	477
Alpena	115	522	23	53	80
Antrim	49	219	7	13	9
Arenac	30	141	8	19	15
Baraga	10	42	3	6	(D)
Barry	235	1 388	67	197	403
Bay	64	363	13	42	43
Benzie	31	132	7	15	14
Berrien	138	796	34	112	232
Branch	181	1 246	33	(D)	631
Calhoun	245	1 481	58	136	226
Cass	126	690	34	157	209
Charlevoix	50	361	9	20	24
Cheboygan	64	308	10	27	50
Chippewa	92	1 144	15	42	43
Clare	108	842	36	139	186
Clinton	161	866	31	64	176
Crawford	9	81	5	16	8
Delta	52	345	11	21	30
Dickinson	29	203	10	39	53
Eaton	227	1 717	68	294	449
Emmet	51	305	10	33	50
Genesee	250	2 194	82	270	778
Gladwin	130	1 105	35	114	212
Gogebic	20	97	3	5	(D)
Grand Traverse	80	475	21	56	110
Gratiot	95	656	24	128	177
Hillsdale	200	1 387	51	209	425
Houghton	35	233	7	19	42
Huron	59	321	13	26	32
Ingham	210	1 893	68	242	770
Ionia	171	1 225	54	176	296
Iosco	70	429	14	46	48
Iron	22	150	6	16	11
Isabella	124	783	34	78	224
Jackson	262	1 966	75	234	419
Kalamazoo	164	1 303	52	154	347
Kalkaska	24	176	12	35	50
Kent	281	2 039	93	249	673
Keweenaw	4	(D)	–	–	–
Lake	41	275	11	19	21
Lapeer	284	1 921	91	229	518
Leelanau	38	191	8	26	53
Lenawee	208	1 878	65	332	1 081
Livingston	223	2 006	80	263	1 025
Luce	1	(D)	–	–	–
Mackinac	13	133	2	(D)	(D)
Macomb	87	1 028	28	82	157
Manistee	50	298	12	47	55
Marquette	40	300	12	28	41
Mason	78	403	20	47	98
Mecosta	142	1 018	34	65	53
Menominee	49	355	11	40	101
Midland	87	755	29	135	325
Missaukee	45	225	11	29	40
Monroe	164	1 454	43	119	226
Montcalm	191	1 220	47	142	300
Montmorency	25	100	5	13	(D)
Muskegon	100	784	33	109	113
Newaygo	169	1 189	52	164	317
Oakland	239	3 033	74	191	1 055
Oceana	100	922	32	81	138
Ogemaw	62	352	16	57	86
Ontonagon	17	148	6	29	46
Osceola	125	620	20	63	101
Oscoda	29	242	11	28	(D)
Otsego	26	183	1	(D)	(D)
Ottawa	206	1 557	48	212	272
Presque Isle	41	283	8	19	18
Roscommon	10	32	3	(D)	(D)
Saginaw	116	901	34	184	514
St. Clair	194	1 505	53	162	348
St. Joseph	196	1 348	46	144	239
Sanilac	191	1 310	44	119	168
Schoolcraft	15	87	4	5	(D)
Shiawassee	158	963	36	110	199
Tuscola	162	1 131	52	432	395
Van Buren	160	790	42	90	137
Washtenaw	280	2 448	87	568	720
Wayne	72	805	21	64	163
Wexford	51	343	15	44	52

Table 19. **Milk Goats—Inventory and Sales: 1997 and 1992**

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

Geographic area	Inventory		Sales					
			Milk goats		Goat milk			
	Farms	Number	Farms	Number	Farms	Gallons	Farms	Total sales ($1,000)
STATE TOTAL								
Michigan.....1997..	404	3 959	120	1 914	48	193 251	135	648
1992..	404	4 184	132	1 678	53	204 357	153	645
COUNTIES, 1997								
Allegan	9	100	4	73	1	(D)	4	(D)
Alpena	5	45	4	(D)	1	(D)	4	1
Barry	5	(D)	3	(D)	–	–	3	2
Benzie	3	8	–	–	–	–	–	–
Berrien	8	(D)	3	121	3	(D)	4	6
Branch	10	61	3	14	–	–	3	1
Calhoun	8	(D)	1	(D)	–	–	1	(D)
Cass	6	(D)	–	–	–	–	–	–
Chippewa.....	5	(D)	1	(D)	–	–	1	(D)
Clare	4	13	–	–	1	(D)	1	(D)
Clinton	3	(D)	1	(D)	1	(D)	1	(D)
Eaton	11	59	2	(D)	–	–	2	(D)
Emmet	7	13	1	(D)	–	–	1	(D)
Genesee	6	33	2	(D)	2	(D)	3	(D)
Gladwin	14	(D)	–	–	–	–	–	–
Gratiot	7	36	2	(D)	–	–	2	(D)
Hillsdale	14	(D)	4	36	1	(D)	4	1
Houghton	6	(D)	–	–	–	–	–	–
Huron	3	4	–	–	–	–	–	–
Ingham	13	281	3	62	3	21 300	5	41
Ionia	5	15	–	–	1	(D)	1	(D)
Iosco	3	11	–	–	–	–	–	–
Isabella.....	10	63	5	76	3	2 010	7	14
Jackson	11	(D)	4	(D)	1	(D)	5	2
Kalamazoo.....	5	(D)	1	(D)	1	(D)	1	(D)
Kalkaska	4	(D)	1	(D)	–	–	1	(D)
Kent	7	30	2	(D)	–	–	2	(D)
Lapeer	17	448	8	368	5	36 404	8	156
Lenawee	10	(D)	3	(D)	1	(D)	3	1
Livingston.....	10	60	3	25	1	(D)	3	1
Manistee	3	(D)	2	(D)	2	(D)	2	(D)
Mason.....	7	30	1	(D)	–	–	1	(D)
Mecosta	4	(D)	–	–	–	–	–	–
Menominee	3	6	–	–	–	–	–	–
Midland.....	6	21	1	(D)	–	–	1	(D)
Monroe	12	124	6	68	1	(D)	6	(D)
Montcalm	5	142	1	(D)	3	11 401	3	28
Newaygo	3	23	1	(D)	–	–	1	(D)
Oakland	6	36	1	(D)	–	–	1	(D)
Osceola	6	(D)	2	(D)	–	–	2	(D)
Oscoda.....	3	(D)	1	(D)	–	–	1	(D)
Ottawa	13	156	5	485	4	(D)	6	90
Presque Isle	5	79	2	(D)	1	(D)	3	(D)
St. Clair	8	(D)	3	(D)	1	(D)	3	(D)
St. Joseph	5	(D)	–	–	–	–	–	–
Sanilac	12	(D)	4	49	1	(D)	4	4
Shiawassee.....	10	78	2	(D)	1	(D)	2	(D)
Tuscola.....	12	128	6	27	2	(D)	6	(D)
Van Buren	13	143	7	53	2	(D)	7	42
Washtenaw	10	70	4	44	–	–	4	(D)
Wayne	3	(D)	2	(D)	1	(D)	3	(Z)
Wexford	3	(D)	–	–	1	(D)	1	(D)
All other counties	23	153	8	54	2	(D)	8	4

Table 20. **Angora Goats—Inventory and Sales: 1997 and 1992**

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

Geographic area	Inventory		Sales					
			Angora goats		Mohair			
	Farms	Number	Farms	Number	Farms	Pounds	Farms	Total sales ($1,000)
STATE TOTAL								
Michigan.....1997..	132	1 925	37	490	87	14 937	91	42
1992..	206	7 018	89	3 235	180	72 137	188	209
COUNTIES, 1997								
Allegan	5	32	1	(D)	3	(D)	3	(D)
Calhoun	3	(D)	1	(D)	2	(D)	2	(D)
Chippewa.....	4	(D)	–	–	2	(D)	2	(D)
Crawford	3	(D)	2	(D)	2	(D)	2	(D)
Eaton	3	8	–	–	1	(D)	1	(D)
Genesee	4	13	–	–	2	(D)	2	(D)
Ingham	4	92	1	(D)	3	648	4	2
Ionia	4	37	3	26	4	278	4	1
Kent	3	15	3	(D)	3	98	3	1
Lapeer	9	145	2	(D)	8	841	8	3
Leelanau	4	(D)	1	(D)	2	(D)	2	(D)
Livingston.....	3	19	–	–	2	(D)	2	(D)
Midland.....	3	24	1	(D)	3	168	3	(D)
Newaygo	3	170	2	(D)	3	1 240	3	3
Oakland	5	17	–	–	2	(D)	2	(D)
Ottawa	5	33	3	5	3	(D)	4	(D)
St. Clair	4	(D)	1	(D)	3	211	3	1
Shiawassee.....	4	143	2	(D)	4	831	4	2
Tuscola.....	4	(D)	1	(D)	3	(D)	3	(D)
Washtenaw	9	102	3	28	7	906	7	3
All other counties	46	752	10	177	25	5 025	27	14

Table 21. **Mink and Their Pelts—Inventory and Sales: 1997 and 1992**

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
STATE TOTAL					
Michigan..... 1997..	14	44 248	12	50 653	1 377
1992..	30	53 611	34	94 483	1 679
COUNTIES, 1997					
Menominee	5	17 266	5	18 632	511
All other counties	9	26 982	7	32 021	866

Table 22. **Colonies of Bees and Honey—Inventory and Sales: 1997 and 1992**

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

Geographic area	Inventory		Sales					
			Colonies of bees		Honey			Total sales ($1,000)
	Farms	Number	Farms	Number	Farms	Pounds	Farms	
STATE TOTAL								
Michigan.....1997..	658	72 551	35	17 904	381	5 217 962	394	6 034
1992..	882	84 253	45	4 744	489	5 741 094	499	3 763
COUNTIES, 1997								
Alcona	3	86	2	(D)	3	7 800	3	(D)
Allegan	22	1 231	1	(D)	12	142 748	12	119
Antrim	13	5 625	1	(D)	10	343 740	11	320
Arenac	4	124	–	–	3	11 328	3	12
Barry	8	363	–	–	6	(D)	6	9
Bay	9	3 753	1	(D)	5	218 044	6	168
Benzie	5	225	1	(D)	3	(D)	3	(D)
Berrien	31	5 490	2	(D)	23	349 783	23	224
Branch	9	(D)	–	–	2	(D)	2	(D)
Calhoun	16	517	1	(D)	10	52 513	10	64
Cass	9	(D)	–	–	6	(D)	6	(D)
Charlevoix	4	(D)	–	–	3	(D)	3	(D)
Cheboygan	7	(D)	–	–	4	(D)	4	(D)
Chippewa	7	357	–	–	3	(D)	3	15
Clare	7	87	–	–	2	(D)	2	(D)
Clinton	14	1 238	1	(D)	8	115 942	9	122
Delta	4	(D)	–	–	3	(D)	3	3
Eaton	17	423	1	(D)	8	51 406	8	72
Emmet	7	316	–	–	4	14 420	4	13
Genesee	11	253	1	(D)	6	10 185	7	17
Gladwin	14	305	–	–	8	16 158	8	13
Grand Traverse	5	(D)	1	(D)	5	(D)	5	173
Gratiot	9	949	–	–	3	(D)	3	(D)
Hillsdale	11	195	–	–	8	10 951	8	9
Huron	8	1 474	–	–	6	114 950	6	105
Ingham	12	280	1	(D)	7	16 468	7	14
Ionia	10	264	2	(D)	7	17 392	7	13
Iosco	9	62	2	(D)	4	3 530	5	(D)
Isabella	8	(D)	1	(D)	4	(D)	4	(D)
Jackson	16	1 150	1	(D)	8	92 608	9	69
Kalamazoo	9	3 162	–	–	8	300 500	8	229
Kent	21	2 658	–	–	10	168 782	10	225
Lake	3	(D)	–	–	3	17 680	3	(D)
Lapeer	11	1 413	2	(D)	8	(D)	10	81
Leelanau	15	1 551	–	–	13	96 970	13	83
Lenawee	17	2 249	1	(D)	8	250 587	8	186
Livingston	16	1 983	–	–	8	134 389	8	121
Macomb	4	55	–	–	2	(D)	2	(D)
Manistee	12	1 171	–	–	5	55 604	5	65
Mason	10	1 298	–	–	8	62 584	8	69
Mecosta	8	(D)	1	(D)	3	(D)	3	(D)
Menominee	7	31	–	–	2	(D)	2	(D)
Midland	4	193	1	(D)	4	8 200	4	17
Missaukee	5	(D)	–	–	2	(D)	2	(D)
Monroe	10	83	–	–	5	1 510	5	(D)
Montcalm	20	5 199	1	(D)	13	447 918	13	417
Montmorency	3	5	–	–	–	–	–	–
Muskegon	4	66	–	–	1	(D)	1	(D)
Newaygo	9	1 375	1	(D)	7	115 275	7	110
Oakland	15	1 130	1	(D)	9	76 043	9	127
Oceana	3	(D)	–	–	3	(D)	3	(D)
Ogemaw	3	6	–	–	1	(D)	1	(D)
Ontonagon	3	(D)	–	–	2	(D)	2	(D)
Osceola	7	118	1	(D)	3	8 640	4	21
Oscoda	4	5	–	–	–	–	–	–
Otsego	4	204	1	(D)	1	(D)	2	(D)
Ottawa	12	499	3	(D)	5	34 905	8	48
Presque Isle	3	(D)	–	–	2	(D)	2	(D)
Saginaw	23	1 224	–	–	12	100 590	12	113
St. Clair	5	(D)	–	–	2	(D)	2	(D)
St. Joseph	3	(D)	–	–	3	(D)	3	(D)
Sanilac	13	1 992	–	–	7	159 516	7	121
Shiawassee	9	(D)	–	–	2	(D)	2	(D)
Tuscola	12	504	2	(D)	7	46 599	7	42
Van Buren	4	61	–	–	2	(D)	2	(D)
Washtenaw	16	671	–	–	9	62 100	9	32
Wayne	8	383	–	–	6	35 031	6	42
Wexford	4	1 935	–	–	4	189 240	4	145
All other counties	10	159	–	–	7	15 170	7	20

Table 23. **Fish Sales: 1997 and 1992**

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

Geographic area		Farms	Pounds (1,000)	Farms	Number (1,000)	Farms	Sales ($1,000)
CATFISH							
State Total							
Michigan	1997..	3	(D)	3	(D)	6	208
	1992..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
TROUT							
State Total							
Michigan	1997..	17	650	24	822	39	1 780
	1992..	16	227	26	1 440	40	1 230
Counties, 1997							
Antrim		3	(D)	1	(D)	3	(D)
Ogemaw		–	–	3	29	3	58
Wexford		3	(D)	–	–	3	(D)
All other counties		11	136	20	(D)	30	1 113
OTHER FISH (SEE TEXT)							
State Total							
Michigan	1997..	7	219	18	3 423	23	1 398
	1992..	9	435	7	(D)	16	435
OTHER AQUACULTURE PRODUCTS (SEE TEXT)							
State Total							
Michigan	1997..	10	(X)	8	(X)	16	(D)
	1992..	(NA)	(X)	(NA)	(X)	(NA)	(NA)
Counties, 1997							
Shiawassee		3	(X)	1	(X)	3	(D)
All other counties		7	(X)	7	(X)	13	77

Table 24. **Miscellaneous Poultry—Inventory and Sales: 1997 and 1992**

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

Geographic area		Inventory		Sales	
		Farms	Number	Farms	Number
DUCKS					
State Total					
Michigan	1997..	527	47 076	108	46 144
	1992..	536	73 964	133	194 638
Counties, 1997					
Alcona		3	(D)	–	–
Allegan		12	(D)	3	(D)
Alpena		12	149	1	(D)
Barry		10	98	1	(D)
Bay		3	6	1	(D)
Berrien		14	57	1	(D)
Branch		6	54	1	(D)
Calhoun		9	99	2	(D)
Cass		7	120	4	68
Cheboygan		3	22	–	–
Chippewa		4	50	1	(D)
Clare		7	125	2	(D)
Clinton		5	33	–	–
Dickinson		4	33	1	(D)
Eaton		10	(D)	4	(D)
Genesee		12	68	1	(D)
Gladwin		4	22	1	(D)
Gratiot		5	67	–	–
Hillsdale		19	434	7	368
Houghton		12	96	1	(D)
Huron		3	(D)	–	–
Ingham		13	163	–	–
Ionia		7	57	–	–
Iosco		5	43	–	–
Isabella		5	29	–	–
Jackson		11	127	4	104
Kalamazoo		8	(D)	1	(D)
Kent		4	55	2	(D)
Lapeer		21	343	6	48
Leelanau		5	29	1	(D)

Table 24. **Miscellaneous Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales	
	Farms	Number	Farms	Number
DUCKS—Con.				
Counties, 1997—Con.				
Lenawee	11	192	6	45
Livingston	13	96	2	(D)
Macomb	8	171	3	106
Manistee	3	38	1	(D)
Mason	3	34	1	(D)
Mecosta	6	253	2	(D)
Menominee	9	85	–	–
Midland	6	35	2	(D)
Monroe	23	(D)	9	(D)
Montcalm	4	(D)	–	–
Muskegon	9	152	3	70
Newaygo	11	137	–	–
Oakland	14	316	1	(D)
Oceana	4	(D)	1	(D)
Osceola	10	129	2	(D)
Ottawa	6	(D)	3	(D)
Presque Isle	3	37	1	(D)
Saginaw	7	(D)	2	(D)
St. Clair	14	403	4	81
St. Joseph	6	48	–	–
Sanilac	11	254	3	26
Shiawassee	17	159	1	(D)
Tuscola	24	182	2	(D)
Van Buren	12	(D)	3	(D)
Washtenaw	10	100	1	(D)
Wayne	6	(D)	1	(D)
All other counties	34	376	8	254
GEESE				
State Total				
Michigan 1997	396	4 073	48	1 189
1992	410	4 892	79	1 622
Counties, 1997				
Alcona	3	(D)	–	–
Allegan	5	26	–	–
Alpena	8	32	–	–
Barry	10	35	–	–
Berrien	9	35	1	(D)
Branch	6	26	–	–
Calhoun	7	45	–	–
Cass	9	67	1	(D)
Charlevoix	5	36	–	–
Chippewa	4	33	–	–
Clare	6	48	–	–
Clinton	6	60	2	(D)
Delta	6	38	1	(D)
Dickinson	5	23	–	–
Eaton	7	142	2	(D)
Emmet	3	(D)	1	(D)
Genesee	10	84	2	(D)
Gladwin	4	44	2	(D)
Gratiot	4	33	–	–
Hillsdale	8	48	2	(D)
Houghton	4	19	–	–
Ingham	13	105	1	(D)
Ionia	5	31	–	–
Iosco	7	69	1	(D)
Isabella	4	(D)	–	–
Jackson	5	76	2	(D)
Kalamazoo	9	47	–	–
Kent	7	27	2	(D)
Lapeer	15	119	3	(D)
Leelanau	4	18	–	–
Lenawee	6	56	2	(D)
Livingston	9	94	2	(D)
Macomb	8	161	2	(D)
Mecosta	5	55	–	–
Menominee	5	25	–	–
Monroe	12	102	1	(D)
Montcalm	3	4	–	–
Muskegon	5	11	–	–
Newaygo	4	24	–	–
Oakland	18	159	–	–
Osceola	4	37	1	(D)
Presque Isle	3	(D)	–	–
Saginaw	4	(D)	–	–
St. Clair	11	250	3	(D)
St. Joseph	11	46	–	–
Sanilac	7	76	1	(D)
Shiawassee	12	113	2	(D)
Tuscola	14	85	1	(D)
Van Buren	7	42	2	(D)
Washtenaw	13	318	1	(D)
Wayne	5	33	–	–
All other counties	32	785	7	703

Table 24. **Miscellaneous Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales	
	Farms	Number	Farms	Number
PIGEONS OR SQUAB				
State Total				
Michigan 1997	48	1 487	8	408
1992	47	3 498	13	1 586
Counties, 1997				
Ingham	3	85	–	–
Newaygo	3	75	1	(D)
All other counties	42	1 327	7	(D)
PHEASANTS				
State Total				
Michigan 1997	128	46 628	72	177 327
1992	105	26 932	56	84 949
Counties, 1997				
Allegan	4	47	2	(D)
Alpena	4	65	2	(D)
Barry	4	31	2	(D)
Hillsdale	7	661	3	(D)
Huron	3	650	1	(D)
Ingham	3	(D)	2	(D)
Ionia	3	51	2	(D)
Jackson	4	(D)	3	(D)
Lapeer	4	(D)	3	(D)
Livingston	4	340	3	(D)
Mecosta	5	276	2	(D)
Muskegon	7	379	4	520
Osceola	3	110	2	(D)
Ottawa	4	(D)	4	(D)
Saginaw	3	(D)	1	(D)
St. Clair	8	393	4	429
Shiawassee	5	(D)	2	(D)
Washtenaw	6	442	4	704
All other counties	47	29 510	26	121 652
QUAIL				
State Total				
Michigan 1997	17	2 395	14	15 106
1992	24	9 403	19	20 277
Counties, 1997				
Washtenaw	4	(D)	1	(D)
All other counties	13	(D)	13	(D)
OTHER POULTRY				
State Total				
Michigan 1997	235	27 213	81	28 992
1992	126	10 290	41	10 529
Counties, 1997				
Allegan	8	143	3	35
Alpena	7	(D)	2	(D)
Antrim	4	167	1	(D)
Barry	5	(D)	2	(D)
Berrien	5	42	3	(D)
Calhoun	9	83	4	59
Cass	4	154	2	(D)
Charlevoix	3	(D)	–	–
Dickinson	3	42	–	–
Eaton	7	70	2	(D)
Emmet	3	(D)	–	–
Genesee	7	183	2	(D)
Hillsdale	6	184	2	(D)
Houghton	4	120	2	(D)
Ingham	8	453	4	30
Ionia	4	93	1	(D)
Jackson	7	333	2	(D)
Kalamazoo	6	197	–	–
Lapeer	8	135	6	38
Lenawee	5	58	1	(D)
Mecosta	3	(D)	2	(D)
Menominee	5	80	–	–
Midland	2	(D)	3	75
Monroe	3	(D)	–	–
Montcalm	3	18	3	11
Muskegon	5	(D)	1	(D)
Oakland	8	75	1	(D)
Otsego	3	(D)	–	–
Ottawa	10	360	4	142
St. Clair	5	(D)	2	(D)

Table 24. **Miscellaneous Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales	
	Farms	Number	Farms	Number
OTHER POULTRY—Con.				
Counties, 1997—Con.				
St. Joseph	3	(D)	2	(D)
Sanilac	5	58	3	74
Tuscola	7	(D)	1	(D)
Van Buren	4	19	–	–
Washtenaw	12	198	6	96
All other counties	44	928	14	642
POULTRY HATCHED (SEE TEXT)				
State Total				
Michigan 1997	187	1 304 446	285	7 328 718
1992	189	1 125 154	319	6 717 982
Counties, 1997				
Allegan	10	3 759	9	176
Alpena	1	(D)	3	93
Barry	5	(D)	9	295
Benzie	4	2 250	1	(D)
Berrien	–	–	6	165
Calhoun	5	570	6	196
Cass	3	(D)	3	(D)
Chippewa	1	(D)	3	31
Clare	–	–	3	50
Clinton	–	–	5	(D)
Eaton	6	3 786	8	1 099
Genesee	5	1 986	8	663
Hillsdale	5	2 524	7	1 229
Houghton	3	80	3	57
Ingham	4	(D)	2	(D)
Ionia	1	(D)	3	(D)
Isabella	3	1 575	8	6 144
Jackson	5	1 490	13	1 952
Kalamazoo	–	–	4	(D)
Kalkaska	3	(D)	2	(D)
Kent	4	186	4	38
Lapeer	7	1 350	13	759
Lenawee	4	990	8	174
Livingston	6	309	5	80
Manistee	2	(D)	3	145
Mecosta	4	7 100	1	(D)
Midland	2	(D)	4	600
Monroe	8	(D)	12	(D)
Montcalm	2	(D)	3	586
Muskegon	6	4 524	11	1 287
Newaygo	2	(D)	3	(D)
Oakland	3	160	6	144
Oceana	2	(D)	4	37
Ogemaw	3	(D)	2	(D)
Osceola	3	460	5	378
Otsego	4	1 445	2	(D)
Ottawa	7	(D)	7	(D)
Presque Isle	1	(D)	5	93
Saginaw	4	528	10	447
St. Clair	7	2 294	8	1 784
Sanilac	5	(D)	7	299
Shiawassee	2	(D)	5	135
Tuscola	2	(D)	6	(D)
Van Buren	6	811	11	(D)
Washtenaw	8	1 322	5	526
Wayne	1	(D)	5	(D)
All other counties	18	93 915	24	734 184

Table 25. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1997 and 1992

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
MULES, BURROS, AND DONKEYS					
State Total					
Michigan 1997	482	1 302	65	171	85
1992	335	860	57	145	41
Counties, 1997					
Allegan	14	25	1	(D)	(D)
Alpena	3	3	–	–	–
Antrim	4	5	–	–	–
Barry	20	35	2	(D)	(D)
Bay	5	(D)	–	–	–
Berrien	11	19	–	–	–
Branch	7	12	2	(D)	(D)
Calhoun	16	24	2	(D)	(D)
Cass	10	29	–	–	–
Charlevoix	3	4	–	–	–
Chippewa	3	4	–	–	–
Clare	3	9	–	–	–
Clinton	9	35	2	(D)	(D)
Dickinson	4	4	–	–	–
Eaton	22	69	3	7	3
Genesee	13	28	1	(D)	(D)
Gladwin	7	17	–	–	–
Hillsdale	21	33	2	(D)	(D)
Ingham	17	86	5	14	9
Ionia	7	9	1	(D)	(D)
Iron	4	11	1	(D)	(D)
Isabella	5	11	1	(D)	(D)
Jackson	10	34	5	13	3
Kalamazoo	12	25	–	–	–
Kent	13	27	–	–	–
Lapeer	22	49	–	–	–
Leelanau	3	6	1	(D)	(D)
Lenawee	13	40	1	(D)	(D)
Livingston	8	33	1	(D)	(D)
Macomb	5	8	–	–	–
Manistee	6	8	–	–	–
Mason	3	5	–	–	–
Mecosta	3	9	2	(D)	(D)
Menominee	3	11	–	–	–
Midland	3	14	–	–	–
Monroe	15	41	5	10	2
Montcalm	12	37	3	5	1
Newaygo	8	25	–	–	–
Oakland	18	87	4	(D)	(D)
Osceola	6	10	2	(D)	(D)
Oscoda	3	3	–	–	–
Ottawa	10	47	3	3	2
Saginaw	3	(D)	2	(D)	(D)
St. Clair	13	61	–	–	–
St. Joseph	5	20	1	(D)	(D)
Sanilac	8	10	–	–	–
Shiawassee	11	14	1	(D)	(D)
Tuscola	5	15	1	(D)	(D)
Van Buren	11	32	1	(D)	(D)
Washtenaw	12	36	3	11	(D)
All other counties	30	59	6	11	9
GOATS, TOTAL					
State Total					
Michigan 1997	1 245	10 603	371	4 168	(NA)
1992	1 170	14 607	402	6 467	(NA)
Counties, 1997					
Alcona	3	24	–	–	(NA)
Allegan	41	299	13	125	(NA)
Alpena	15	119	4	26	(NA)
Antrim	9	33	4	12	(NA)
Arenac	3	5	–	–	(NA)
Barry	26	188	5	60	(NA)
Bay	4	19	1	(D)	(NA)
Benzie	3	8	–	–	(NA)
Berrien	33	264	14	157	(NA)
Branch	18	119	5	20	(NA)
Calhoun	28	306	7	98	(NA)
Cass	29	161	8	57	(NA)
Charlevoix	9	49	–	–	(NA)
Cheboygan	3	10	1	(D)	(NA)
Chippewa	12	84	1	(D)	(NA)
Clare	10	28	2	(D)	(NA)
Clinton	11	57	2	(D)	(NA)
Crawford	4	17	2	(D)	(NA)
Delta	3	4	–	–	(NA)
Dickinson	3	(D)	1	(D)	(NA)

Table 25. **Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
GOATS, TOTAL—Con.					
Counties, 1997—Con.					
Eaton	35	129	6	36	(NA)
Emmet	8	16	1	(D)	(NA)
Genesee	29	94	4	21	(NA)
Gladwin	21	62	6	18	(NA)
Grand Traverse	5	(D)	1	(D)	(NA)
Gratiot	14	110	4	58	(NA)
Hillsdale	37	296	13	143	(NA)
Houghton	10	87	–	–	(NA)
Huron	8	15	1	(D)	(NA)
Ingham	29	469	8	104	(NA)
Ionia	20	99	7	82	(NA)
Iosco	7	32	1	(D)	(NA)
Iron	4	25	–	–	(NA)
Isabella	16	87	10	100	(NA)
Jackson	32	764	11	139	(NA)
Kalamazoo	16	98	4	67	(NA)
Kalkaska	5	57	4	32	(NA)
Kent	28	137	11	73	(NA)
Lake	4	(D)	–	–	(NA)
Lapeer	56	922	20	510	(NA)
Leelanau	7	23	1	(D)	(NA)
Lenawee	35	169	10	52	(NA)
Livingston	30	146	8	110	(NA)
Macomb	12	85	5	23	(NA)
Manistee	7	59	6	35	(NA)
Marquette	3	9	–	–	(NA)
Mason	18	92	1	(D)	(NA)
Mecosta	13	84	5	(D)	(NA)
Menominee	6	29	–	–	(NA)
Midland	15	66	2	(D)	(NA)
Missaukee	4	30	3	18	(NA)
Monroe	29	231	11	156	(NA)
Montcalm	17	171	1	(D)	(NA)
Muskegon	11	50	1	(D)	(NA)
Newaygo	14	287	9	126	(NA)
Oakland	24	153	7	53	(NA)
Oceana	12	45	5	57	(NA)
Osceola	23	119	7	58	(NA)
Oscoda	5	29	1	(D)	(NA)
Otsego	4	18	1	(D)	(NA)
Ottawa	31	330	16	577	(NA)
Presque Isle	11	107	5	24	(NA)
Saginaw	13	99	10	69	(NA)
St. Clair	31	878	11	185	(NA)
St. Joseph	22	146	5	28	(NA)
Sanilac	30	208	9	65	(NA)
Schoolcraft	4	14	1	(D)	(NA)
Shiawassee	29	417	8	51	(NA)
Tuscola	27	293	9	71	(NA)
Van Buren	34	240	10	92	(NA)
Washtenaw	51	394	14	122	(NA)
Wayne	9	47	4	23	(NA)
Wexford	6	100	1	(D)	(NA)
All other counties	7	22	2	(D)	(NA)
GOATS, EXCEPT ANGORA AND MILK					
State Total					
Michigan 1997	915	4 719	259	1 764	83
1992	769	3 405	230	1 554	62
Counties, 1997					
Allegan	33	167	8	(D)	1
Alpena	11	74	1	(D)	(D)
Antrim	8	20	4	12	(Z)
Barry	25	154	3	(D)	(D)
Bay	3	(D)	1	(D)	(D)
Berrien	29	149	13	36	(D)
Branch	9	(D)	3	6	(Z)
Calhoun	23	147	5	(D)	1
Cass	27	150	8	57	2
Charlevoix	8	(D)	–	–	–
Chippewa	5	20	–	–	–
Clare	8	15	2	(D)	(D)
Clinton	8	25	1	(D)	(D)
Delta	3	4	–	–	–
Eaton	27	62	5	(D)	(Z)
Emmet	3	3	1	(D)	(D)
Genesee	22	48	3	(D)	1
Gladwin	10	42	6	18	(Z)
Grand Traverse	4	9	–	–	–
Gratiot	10	74	4	(D)	2

USDA, National Agricultural Statistics Service

Table 25. **Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
GOATS, EXCEPT ANGORA AND MILK—Con.					
Counties, 1997—Con.					
Hillsdale	29	215	11	107	5
Houghton	6	30	–	–	–
Huron	5	11	1	(D)	(D)
Ingham	13	96	5	(D)	2
Ionia	14	47	4	56	2
Iosco	6	21	1	(D)	(D)
Iron	4	25	–	–	–
Isabella	7	(D)	5	24	1
Jackson	26	272	6	56	3
Kalamazoo	13	56	4	(D)	2
Kalkaska	3	(D)	3	(D)	1
Kent	24	92	11	44	3
Lake	3	(D)	–	–	–
Lapeer	41	329	12	(D)	7
Leelanau	4	5	1	(D)	(D)
Lenawee	31	115	7	30	1
Livingston	26	67	5	85	3
Macomb	10	50	3	(D)	(D)
Manistee	4	9	3	6	(Z)
Mason	14	(D)	–	–	–
Mecosta	9	70	5	(D)	1
Menominee	3	(D)	–	–	–
Midland	9	21	1	(D)	(D)
Missaukee	4	(D)	3	(D)	1
Monroe	20	107	5	(D)	2
Montcalm	11	(D)	1	(D)	(D)
Muskegon	10	(D)	1	(D)	(D)
Newaygo	8	94	6	64	2
Oakland	18	100	7	(D)	3
Oceana	9	31	2	(D)	(D)
Osceola	20	68	6	(D)	1
Oscoda	3	(D)	–	–	–
Ottawa	20	141	10	87	5
Presque Isle	7	(D)	4	(D)	(Z)
Saginaw	12	(D)	9	(D)	2
St. Clair	25	115	8	121	6
St. Joseph	18	84	4	(D)	(Z)
Sanilac	18	140	5	16	1
Schoolcraft	3	(D)	1	(D)	(D)
Shiawassee	20	196	4	11	1
Tuscola	17	(D)	5	(D)	(Z)
Van Buren	27	(D)	5	39	3
Washtenaw	38	222	8	50	4
Wayne	6	23	4	(D)	1
Wexford	4	(D)	1	(D)	(D)
All other counties	17	69	4	20	1
RABBITS AND THEIR PELTS					
State Total					
Michigan 1997	640	10 316	180	10 896	122
1992	708	15 552	252	39 572	257
Counties, 1997					
Alcona	6	32	–	–	–
Allegan	17	377	6	52	1
Alpena	10	156	6	91	1
Antrim	11	176	4	(D)	(D)
Barry	17	186	2	(D)	(D)
Bay	4	39	2	(D)	(D)
Berrien	17	133	3	145	(D)
Branch	10	46	1	(D)	(D)
Calhoun	10	115	1	(D)	(D)
Cass	11	109	1	(D)	(D)
Charlevoix	6	126	2	(D)	(D)
Cheboygan	13	123	3	39	(Z)
Chippewa	3	10	1	(D)	(D)
Clare	10	168	4	44	(Z)
Clinton	8	20	–	–	–
Crawford	5	49	–	–	–
Dickinson	3	(D)	–	–	–
Eaton	13	106	1	(D)	(D)
Emmet	5	27	3	(D)	(D)
Genesee	9	43	2	(D)	(D)
Gladwin	7	52	2	(D)	(D)
Grand Traverse	5	13	–	–	–
Gratiot	9	323	3	(D)	(D)
Hillsdale	22	310	7	267	(D)
Houghton	8	66	1	(D)	(D)
Huron	10	41	1	(D)	(D)
Ingham	16	117	4	(D)	1
Ionia	9	130	3	(D)	(Z)
Iosco	3	9	1	(D)	(D)
Isabella	8	63	3	37	(Z)

Table 25. **Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
RABBITS AND THEIR PELTS—Con.					
Counties, 1997—Con.					
Jackson	12	106	5	82	(Z)
Kalamazoo	3	(D)	1	(D)	(D)
Kent	9	(D)	1	(D)	(D)
Lake	5	(D)	2	(D)	(D)
Lapeer	27	629	6	(D)	(D)
Leelanau	3	5	–	–	–
Lenawee	7	88	4	92	2
Livingston	9	57	3	21	(Z)
Macomb	5	(D)	1	(D)	(D)
Manistee	4	65	1	(D)	(D)
Marquette	3	33	–	–	–
Mason	11	196	5	(D)	(D)
Mecosta	5	34	2	(D)	(D)
Menominee	7	59	1	(D)	(D)
Midland	9	95	5	45	1
Missaukee	6	55	1	(D)	(D)
Monroe	19	92	2	(D)	(D)
Montcalm	12	171	3	(D)	(Z)
Montmorency	3	41	–	–	–
Muskegon	4	45	1	(D)	(D)
Newaygo	11	38	–	–	–
Oakland	10	(D)	3	(D)	(D)
Ontonagon	4	28	1	(D)	(D)
Osceola	11	142	7	271	2
Otsego	4	101	2	(D)	(D)
Ottawa	19	489	12	775	6
Presque Isle	8	249	5	696	6
Saginaw	8	49	6	59	(Z)
St. Clair	12	78	4	85	(Z)
St. Joseph	7	40	1	(D)	(D)
Sanilac	12	261	2	(D)	(D)
Shiawassee	9	379	4	355	3
Tuscola	15	143	2	(D)	(D)
Van Buren	15	217	5	(D)	(D)
Washtenaw	23	314	6	228	1
Wayne	7	196	1	(D)	(D)
Wexford	3	250	3	260	5
All other counties	14	164	5	76	(Z)
OTHER LIVESTOCK AND LIVESTOCK PRODUCTS					
State Total					
Michigan 1997	392	(X)	215	(X)	12 733
1992	148	(X)	177	(X)	19 298
Counties, 1997					
Allegan	12	(X)	13	(X)	129
Alpena	4	(X)	2	(X)	(D)
Antrim	2	(X)	3	(X)	(D)
Barry	10	(X)	6	(X)	(D)
Bay	6	(X)	3	(X)	(D)
Berrien	8	(X)	5	(X)	57
Branch	5	(X)	3	(X)	(D)
Calhoun	11	(X)	–	(X)	–
Cass	7	(X)	1	(X)	(D)
Charlevoix	4	(X)	4	(X)	66
Cheboygan	6	(X)	5	(X)	307
Chippewa	4	(X)	2	(X)	(D)
Clare	6	(X)	3	(X)	10
Eaton	5	(X)	2	(X)	(D)
Genesee	13	(X)	9	(X)	135
Gladwin	3	(X)	1	(X)	(D)
Grand Traverse	10	(X)	8	(X)	98
Gratiot	3	(X)	1	(X)	(D)
Hillsdale	11	(X)	4	(X)	148
Ingham	10	(X)	10	(X)	(D)
Ionia	5	(X)	1	(X)	(D)
Iosco	3	(X)	–	(X)	–
Jackson	8	(X)	5	(X)	7
Kalamazoo	8	(X)	5	(X)	(D)
Kent	16	(X)	11	(X)	164
Lapeer	11	(X)	–	(X)	–
Leelanau	5	(X)	3	(X)	(D)
Lenawee	14	(X)	6	(X)	19
Livingston	6	(X)	4	(X)	(D)
Macomb	4	(X)	3	(X)	3
Mecosta	4	(X)	6	(X)	(D)
Menominee	6	(X)	3	(X)	44
Midland	8	(X)	5	(X)	27
Missaukee	4	(X)	–	(X)	–
Monroe	3	(X)	3	(X)	(D)
Montcalm	8	(X)	4	(X)	(D)
Muskegon	6	(X)	4	(X)	(D)
Oakland	8	(X)	1	(X)	(D)
Oceana	4	(X)	2	(X)	(D)
Ogemaw	3	(X)	2	(X)	(D)

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Table 25. **Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
OTHER LIVESTOCK AND LIVESTOCK PRODUCTS—Con.					
Counties, 1997—Con.					
Osceola	6	(X)	4	(X)	84
Otsego	5	(X)	5	(X)	56
Ottawa	14	(X)	7	(X)	65
Presque Isle	6	(X)	1	(X)	(D)
Saginaw	7	(X)	1	(X)	(D)
St. Clair	11	(X)	7	(X)	124
St. Joseph	6	(X)	4	(X)	(D)
Sanilac	4	(X)	1	(X)	(D)
Shiawassee	3	(X)	1	(X)	(D)
Tuscola	5	(X)	4	(X)	9
Van Buren	4	(X)	4	(X)	18
Washtenaw	5	(X)	6	(X)	(D)
Wayne	3	(X)	2	(X)	(D)
Wexford	4	(X)	1	(X)	(D)
All other counties	35	(X)	14	(X)	126

Table 26. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992**

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN OR SEED (BUSHELS)										
State Total										
Michigan	16 712	2 122 283	238 319 129	780	164 236	18 962	2 221 271	226 824 263	838	165 182
Counties										
Alcona	24	1 237	74 183	–	–	13	1 156	66 685	–	–
Allegan	490	71 499	7 864 562	28	4 268	648	83 041	8 590 184	28	5 232
Alpena	59	5 735	461 617	1	(D)	52	3 560	179 961	–	–
Antrim	37	1 843	159 829	1	(D)	37	1 482	120 966	1	(D)
Arenac	121	14 348	1 650 694	2	(D)	131	13 344	1 059 270	1	(D)
Barry	261	29 410	2 873 526	10	533	297	32 496	3 414 675	9	961
Bay	374	44 992	5 832 241	13	1 124	405	44 206	5 006 719	11	770
Benzie	32	1 383	96 529	–	–	13	565	40 818	–	–
Berrien	291	43 846	5 012 867	18	4 440	352	39 889	4 388 800	18	4 124
Branch	501	83 638	9 823 560	86	19 725	637	88 542	10 169 971	101	17 459
Calhoun	533	71 687	6 883 919	34	5 676	600	76 216	7 916 918	29	4 627
Cass	352	63 940	6 785 517	37	10 114	408	66 426	7 492 627	45	8 838
Charlevoix	34	1 812	121 579	–	–	25	1 355	82 144	–	–
Cheboygan	15	482	38 333	–	–	16	458	31 080	1	(D)
Clare	57	3 509	350 065	–	–	55	3 594	238 979	1	(D)
Clinton	545	57 880	6 801 104	3	(D)	645	57 269	6 024 228	7	922
Crawford	3	33	1 950	–	–	–	–	–	–	–
Delta	32	2 152	170 250	–	–	10	416	40 570	1	(D)
Dickinson	10	398	32 691	–	–	6	268	13 220	–	–
Eaton	447	62 224	7 066 301	2	(D)	548	61 235	6 507 646	2	(D)
Emmet	35	1 209	82 815	–	–	26	1 003	58 488	–	–
Genesee	190	27 126	2 753 644	–	–	244	38 276	3 293 655	1	(D)
Gladwin	142	7 222	712 171	1	(D)	113	5 314	391 377	–	–
Grand Traverse	81	7 039	561 091	1	(D)	63	4 150	271 178	–	–
Gratiot	494	76 573	9 491 547	7	990	586	77 436	8 613 615	18	1 198
Hillsdale	490	67 985	7 580 871	15	2 566	617	73 169	7 784 467	17	2 344
Houghton	4	43	(D)	–	–	3	(D)	(D)	–	–
Huron	699	109 087	13 655 552	10	1 095	870	116 864	11 410 473	14	676
Ingham	296	49 310	5 403 825	3	70	370	53 624	5 196 447	2	(D)
Ionia	521	63 232	7 370 009	7	1 508	589	65 062	6 517 685	14	2 230
Iosco	49	2 837	260 653	3	63	50	2 572	128 216	–	–
Isabella	381	42 012	4 320 231	5	335	404	39 901	3 331 947	6	519
Jackson	440	53 883	5 202 067	12	2 144	525	64 462	6 556 021	14	4 419
Kalamazoo	272	49 764	5 375 459	53	12 260	299	50 030	5 603 069	49	13 438
Kalkaska	23	1 099	103 904	5	563	12	562	41 240	1	(D)
Kent	373	42 188	4 550 863	9	1 756	404	39 798	3 271 022	14	1 780
Lake	16	319	22 870	–	–	9	186	8 880	–	–
Lapeer	316	40 124	4 256 713	5	204	425	47 862	4 321 823	2	(D)
Leelanau	47	3 826	349 863	–	–	62	3 116	232 992	–	–
Lenawee	631	92 720	11 718 484	10	820	752	106 695	12 934 524	7	1 316
Livingston	164	23 948	2 430 321	2	(D)	222	30 362	2 888 002	1	(D)
Luce	4	41	4 270	–	–	–	–	–	–	–
Macomb	127	11 379	1 241 058	1	(D)	163	15 490	1 588 900	1	(D)
Manistee	50	1 519	117 319	6	143	39	692	51 179	2	(D)
Mason	123	10 058	943 540	10	1 040	113	7 429	511 387	6	607
Mecosta	181	12 061	1 105 855	11	2 297	195	10 693	708 206	10	1 500
Menominee	74	6 763	544 167	–	–	54	3 308	176 394	–	–
Midland	173	20 477	2 249 613	3	258	194	22 700	2 274 757	4	520
Missaukee	72	6 418	643 890	6	480	45	3 848	269 751	6	361
Monroe	489	59 851	7 843 209	7	1 549	568	63 059	7 683 104	4	630

Table 26. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN OR SEED (BUSHELS)—Con.										
Counties—Con.										
Montcalm	419	52 909	5 920 893	57	12 141	455	42 669	3 597 876	69	9 964
Montmorency	13	1 569	151 095	–	–	14	659	32 866	–	–
Muskegon	128	14 635	1 500 850	7	3 214	136	14 772	862 248	5	(D)
Newaygo	259	22 778	2 354 588	10	1 178	230	13 670	906 164	4	(D)
Oakland	54	7 073	654 155	1	(D)	70	11 153	1 051 553	–	–
Oceana	171	10 646	941 491	6	506	146	8 373	615 110	13	826
Ogemaw	79	6 706	680 743	1	(D)	65	6 254	385 200	2	(D)
Osceola	74	4 111	389 483	5	280	40	2 590	162 594	2	(D)
Oscoda	8	388	27 615	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Otsego	19	563	37 327	–	–	11	332	27 687	–	–
Ottawa	410	42 224	4 862 900	21	2 115	525	42 362	3 724 693	23	1 873
Presque Isle	76	4 985	417 090	6	595	39	2 430	175 577	1	(D)
Saginaw	671	82 406	9 886 948	10	1 588	771	80 104	8 858 816	6	870
St. Clair	242	18 226	1 881 850	1	(D)	301	31 499	2 717 951	1	(D)
St. Joseph	479	94 519	11 840 274	177	58 764	564	107 668	12 512 015	202	64 142
Sanilac	669	90 245	10 394 096	3	(D)	718	102 227	9 395 093	5	132
Schoolcraft	4	214	21 740	–	–	5	104	13 550	–	–
Shiawassee	426	45 943	4 846 427	1	(D)	473	48 606	4 643 197	4	174
Tuscola	591	78 793	9 505 971	17	2 391	677	85 178	9 618 411	16	2 782
Van Buren	229	34 695	3 197 253	20	2 416	283	38 255	3 694 589	26	3 213
Washtenaw	429	47 511	4 951 383	10	1 141	457	52 646	5 560 722	10	1 284
Wayne	49	6 258	623 444	–	–	40	4 283	601 771	–	–
Wexford	34	2 632	224 342	–	–	16	1 845	133 910	1	(D)
All other counties	4	93	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
SORGHUM FOR GRAIN OR SEED (BUSHELS)										
State Total										
Michigan	14	485	18 786	2	(D)	12	297	18 571	–	–
WHEAT FOR GRAIN, TOTAL (SEE TEXT) (BUSHELS)										
State Total										
Michigan	8 976	499 742	28 432 159	65	7 737	12 433	583 245	29 350 586	81	5 182
Counties										
Alcona	15	595	26 340	–	–	21	679	33 821	–	–
Allegan	190	10 185	645 327	1	(D)	250	8 906	444 092	1	(D)
Alpena	42	2 160	90 999	–	–	68	1 834	77 600	–	–
Antrim	7	117	4 085	1	(D)	12	289	9 211	1	(D)
Arenac	93	5 430	334 443	2	(D)	106	4 735	281 866	–	–
Barry	118	8 503	470 784	1	(D)	194	11 350	507 060	1	(D)
Bay	184	6 489	432 136	1	(D)	257	7 933	469 875	1	(D)
Berrien	98	4 945	250 823	1	(D)	138	6 450	250 899	1	(D)
Branch	192	7 674	381 062	2	(D)	251	8 299	330 489	–	–
Calhoun	256	13 675	638 998	–	–	343	15 298	655 728	–	–
Cass	98	4 565	233 719	2	(D)	144	6 010	250 290	1	(D)
Charlevoix	6	171	5 758	–	–	4	89	2 007	–	–
Cheboygan	9	138	3 962	–	–	12	359	6 970	–	–
Clare	42	1 250	61 844	–	–	53	1 572	69 332	–	–
Clinton	420	20 203	1 210 421	1	(D)	634	27 419	1 349 228	5	104
Delta	5	891	29 134	–	–	15	1 053	36 832	–	–
Eaton	264	22 315	1 304 944	–	–	403	26 205	1 347 536	–	–
Emmet	5	38	1 347	–	–	8	68	2 160	–	–
Genesee	134	7 648	421 823	–	–	218	11 275	486 231	2	(D)
Gladwin	64	2 859	136 749	–	–	100	2 613	108 936	–	–
Grand Traverse	43	1 876	69 771	–	–	43	2 213	75 136	–	–
Gratiot	228	11 907	754 464	1	(D)	356	16 131	819 906	6	230
Hillsdale	273	14 179	771 233	–	–	310	10 527	424 493	–	–
Huron	491	30 967	2 058 462	2	(D)	827	47 761	3 159 791	3	128
Ingham	213	18 481	1 056 354	–	–	265	17 891	847 122	2	(D)
Ionia	324	20 852	1 161 818	–	–	449	25 347	1 226 480	1	(D)
Iosco	22	905	60 386	–	–	35	832	50 068	–	–
Isabella	228	11 156	573 483	1	(D)	299	11 929	565 060	4	234
Jackson	193	9 598	464 683	–	–	272	11 228	501 873	1	(D)
Kalamazoo	106	7 422	364 480	1	(D)	155	8 747	363 044	3	128
Kalkaska	4	(D)	(D)	2	(D)	3	(D)	(D)	–	–
Kent	155	6 918	361 368	–	–	206	7 744	318 398	3	420
Lake	5	68	3 850	–	–	3	27	(D)	–	–
Lapeer	191	7 929	419 911	1	(D)	273	10 589	498 395	–	–
Leelanau	12	275	8 476	–	–	12	210	7 493	–	–
Lenawee	484	35 396	2 308 403	1	(D)	528	32 062	1 675 120	–	–
Livingston	99	6 184	292 915	–	–	147	7 055	319 971	–	–
Mackinac	6	77	3 096	–	–	7	350	18 400	–	–
Macomb	114	4 342	222 756	–	–	125	4 377	234 609	–	–
Manistee	5	500	20 060	1	(D)	14	214	9 102	–	–
Mason	96	4 284	222 836	1	(D)	75	2 820	110 011	1	(D)
Mecosta	58	1 409	61 037	2	(D)	88	2 298	82 623	2	(D)
Midland	52	1 899	117 079	–	–	92	3 060	165 075	–	–
Missaukee	27	771	42 958	–	–	28	544	22 275	–	–
Monroe	408	25 646	1 630 969	–	–	418	20 039	1 107 043	3	58
Montcalm	160	14 383	678 115	23	5 033	260	15 885	660 874	22	2 562
Montmorency	15	710	32 061	–	–	21	717	33 418	–	–
Muskegon	41	1 893	97 580	1	(D)	53	1 484	63 419	–	–
Newaygo	73	1 802	83 684	–	–	77	1 693	67 316	–	–
Oakland	32	2 500	112 663	–	–	35	2 270	111 397	–	–

Table 26. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
WHEAT FOR GRAIN, TOTAL (SEE TEXT) (BUSHELS)—Con.										
Counties—Con.										
Oceana	58	1 840	90 093	2	(D)	55	1 532	62 376	1	(D)
Ogemaw	27	1 570	99 852	–	–	48	2 032	107 370	–	–
Osceola	21	497	23 135	1	(D)	30	497	15 398	1	(D)
Otsego	13	289	8 695	–	–	13	243	5 076	–	–
Ottawa	199	6 118	318 173	–	–	206	4 863	206 383	–	–
Presque Isle	32	1 611	58 179	1	(D)	39	1 253	40 236	1	(D)
Saginaw	375	17 280	1 093 064	1	(D)	569	24 771	1 404 450	–	–
St. Clair	231	11 136	568 561	–	–	364	16 543	806 416	1	(D)
St. Joseph	72	2 402	119 090	3	118	115	3 755	137 120	4	172
Sanilac	472	31 433	1 808 861	2	(D)	770	45 662	2 539 428	4	36
Shiawassee	356	21 835	1 188 692	1	(D)	524	26 566	1 274 136	–	–
Tuscola	276	16 831	1 120 706	4	411	453	24 746	1 469 620	3	163
Van Buren	50	2 539	130 130	1	(D)	84	3 001	120 401	2	(D)
Washtenaw	339	17 399	947 230	–	–	386	16 760	798 275	–	–
Wayne	32	1 606	72 113	–	–	25	1 040	59 581	–	–
Wexford	7	69	2 433	–	–	10	301	9 860	–	–
All other counties	16	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
SPRING WHEAT FOR GRAIN (SEE TEXT) (BUSHELS)										
State Total										
Michigan	119	4 574	211 185	–	–	179	6 508	278 133	1	(D)
Counties										
Allegan	9	103	4 751	–	–	3	(D)	(D)	–	–
Clinton	10	151	9 316	–	–	7	330	15 803	–	–
Delta	4	(D)	(D)	–	–	10	831	32 310	–	–
Huron	9	891	57 688	–	–	17	1 005	54 406	–	–
Ingham	5	203	8 210	–	–	3	51	2 191	–	–
Ionia	9	359	14 975	–	–	7	315	16 389	–	–
Isabella	4	444	9 500	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Lenawee	4	225	15 200	–	–	6	166	6 482	–	–
Livingston	3	112	4 127	–	–	3	126	5 680	–	–
Monroe	5	195	9 762	–	–	4	(D)	(D)	–	–
Montcalm	3	82	3 654	–	–	5	(D)	(D)	–	–
St. Clair	4	46	1 566	–	–	9	176	6 092	–	–
Sanilac	7	191	9 648	–	–	5	143	8 780	–	–
Shiawassee	7	297	13 640	–	–	7	230	9 666	–	–
Tuscola	5	62	4 142	–	–	3	(D)	(D)	–	–
Washtenaw	4	81	4 160	–	–	5	(D)	(D)	–	–
All other counties	27	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
WINTER WHEAT FOR GRAIN (SEE TEXT) (BUSHELS)										
State Total										
Michigan	8 896	495 168	28 220 974	65	7 737	12 265	575 623	29 015 418	80	(D)
Counties										
Alcona	15	595	26 340	–	–	20	(D)	(D)	–	–
Allegan	186	10 082	640 576	1	(D)	247	8 793	439 483	1	(D)
Alpena	42	2 160	90 999	–	–	68	(D)	(D)	–	–
Antrim	7	117	4 085	1	(D)	12	289	9 211	1	(D)
Arenac	93	5 430	334 443	2	(D)	103	4 691	280 994	–	–
Barry	117	(D)	(D)	1	(D)	192	(D)	(D)	1	(D)
Bay	184	6 489	432 136	1	(D)	253	7 808	462 965	1	(D)
Berrien	98	4 945	250 823	1	(D)	138	6 450	250 899	1	(D)
Branch	192	7 674	381 062	2	(D)	247	8 109	323 329	–	–
Calhoun	256	13 675	638 998	–	–	341	(D)	(D)	–	–
Cass	98	4 565	233 719	2	(D)	141	5 904	247 752	1	(D)
Charlevoix	6	171	5 758	–	–	4	89	2 007	–	–
Cheboygan	8	(D)	(D)	–	–	12	359	6 970	–	–
Clare	42	1 250	61 844	–	–	53	1 572	69 332	–	–
Clinton	415	20 052	1 201 105	1	(D)	627	27 089	1 333 425	5	104
Eaton	262	(D)	(D)	–	–	397	25 861	1 331 696	–	–
Emmet	5	(D)	(D)	–	–	7	(D)	(D)	–	–
Genesee	134	7 648	421 823	–	–	214	10 989	475 522	2	(D)
Gladwin	64	2 859	136 749	–	–	98	(D)	(D)	–	–
Grand Traverse	42	(D)	(D)	–	–	43	(D)	(D)	–	–
Gratiot	228	(D)	(D)	1	(D)	353	16 001	816 256	6	230
Hillsdale	273	14 179	771 233	–	–	308	(D)	(D)	–	–
Huron	482	30 076	2 000 774	2	(D)	810	46 515	3 091 515	3	128
Ingham	211	18 278	1 048 144	–	–	263	17 840	844 931	2	(D)
Ionia	318	20 493	1 146 843	–	–	445	25 032	1 210 091	1	(D)
Iosco	21	(D)	(D)	–	–	34	(D)	(D)	–	–
Isabella	224	10 712	563 983	1	(D)	297	(D)	(D)	4	234
Jackson	193	9 598	464 683	–	–	270	(D)	(D)	1	(D)
Kalamazoo	104	(D)	(D)	1	(D)	153	(D)	(D)	3	128
Kalkaska	4	(D)	(D)	2	(D)	3	(D)	(D)	–	–

Table 26. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
WINTER WHEAT FOR GRAIN (SEE TEXT) (BUSHELS)—Con.										
Counties—Con.										
Kent	155	6 918	361 368	–	–	206	7 744	318 398	3	420
Lake	5	68	3 850	–	–	3	27	(D)	–	–
Lapeer	191	(D)	(D)	1	(D)	267	10 334	484 938	–	–
Leelanau	12	275	8 476	–	–	11	(D)	(D)	–	–
Lenawee	480	35 171	2 293 203	1	(D)	516	31 637	1 656 938	–	–
Livingston	97	6 072	288 788	–	–	147	6 929	314 291	–	–
Mackinac	5	(D)	(D)	–	–	7	350	18 400	–	–
Macomb	113	(D)	(D)	–	–	125	4 377	234 609	–	–
Manistee	5	500	20 060	1	(D)	12	(D)	(D)	–	–
Mason	94	(D)	(D)	1	(D)	71	2 733	106 459	1	(D)
Mecosta	57	(D)	(D)	2	(D)	80	2 122	77 037	2	(D)
Midland	52	1 899	117 079	–	–	92	3 060	165 075	–	–
Missaukee	27	771	42 958	–	–	28	544	22 275	–	–
Monroe	404	25 451	1 621 207	–	–	414	19 832	1 097 303	3	58
Montcalm	158	14 301	674 461	23	5 033	255	15 775	658 234	22	2 562
Montmorency	15	710	32 061	–	–	21	717	33 418	–	–
Muskegon	41	1 893	97 580	1	(D)	53	1 484	63 419	–	–
Newaygo	73	(D)	(D)	–	–	74	1 663	66 356	–	–
Oakland	31	(D)	(D)	–	–	35	2 270	111 397	–	–
Oceana	57	(D)	(D)	2	(D)	54	(D)	(D)	1	(D)
Ogemaw	26	(D)	(D)	–	–	48	2 032	107 370	–	–
Osceola	21	497	23 135	1	(D)	29	(D)	(D)	1	(D)
Otsego	13	289	8 695	–	–	13	243	5 076	–	–
Ottawa	199	6 118	318 173	–	–	205	4 823	204 403	–	–
Presque Isle	32	1 611	58 179	1	(D)	38	(D)	(D)	–	–
Saginaw	375	(D)	(D)	1	(D)	564	24 598	1 398 389	–	–
St. Clair	230	11 090	566 995	–	–	356	16 367	800 324	1	(D)
St. Joseph	72	2 402	119 090	3	118	114	(D)	(D)	4	172
Sanilac	467	31 242	1 799 213	2	(D)	765	45 519	2 530 648	4	36
Shiawassee	350	21 538	1 175 052	1	(D)	519	26 336	1 264 470	–	–
Tuscola	274	16 769	1 116 564	4	411	451	24 380	1 451 374	3	163
Van Buren	50	2 539	130 130	1	(D)	84	3 001	120 401	2	(D)
Washtenaw	337	17 318	943 070	–	–	384	16 624	792 991	–	–
Wayne	32	1 606	72 113	–	–	25	1 040	59 581	–	–
Wexford	7	(D)	(D)	–	–	10	301	9 860	–	–
All other counties	15	762	26 667	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
BARLEY FOR GRAIN (BUSHELS)										
State Total										
Michigan	619	18 893	1 032 383	5	148	704	20 936	1 094 111	1	(D)
Counties										
Alcona	7	133	6 302	–	–	3	30	(D)	–	–
Alger	10	402	17 859	1	(D)	7	344	22 692	–	–
Allegan	5	209	(D)	–	–	9	189	6 660	–	–
Alpena	19	362	14 619	–	–	15	296	19 630	–	–
Arenac	3	50	2 310	–	–	6	56	3 382	–	–
Baraga	4	103	(D)	–	–	5	130	4 110	–	–
Barry	7	77	2 950	–	–	9	184	6 805	–	–
Bay	4	163	9 105	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Branch	3	50	2 735	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Calhoun	3	44	3 400	–	–	6	86	1 914	–	–
Cass	8	140	6 630	–	–	10	319	8 345	–	–
Charlevoix	6	168	7 290	–	–	9	165	6 860	–	–
Cheboygan	17	369	13 995	–	–	19	511	20 750	–	–
Chippewa	11	136	2 975	–	–	6	26	963	–	–
Clare	7	122	5 561	–	–	5	142	6 375	–	–
Clinton	3	58	2 452	–	–	8	260	9 400	–	–
Delta	32	1 298	76 970	–	–	43	1 801	105 365	–	–
Dickinson	6	302	15 566	–	–	4	118	3 210	–	–
Eaton	3	40	(D)	–	–	4	47	3 350	–	–
Emmet	4	140	4 280	–	–	12	255	13 789	–	–
Genesee	4	31	(D)	–	–	7	497	32 460	–	–
Gladwin	10	116	5 855	–	–	4	(D)	1 935	–	–
Hillsdale	6	36	1 850	–	–	5	70	2 520	–	–
Houghton	4	146	6 500	–	–	6	151	6 590	–	–
Huron	60	2 593	171 834	1	(D)	86	3 469	244 467	–	–
Ingham	3	(D)	(D)	–	–	6	54	2 743	–	–
Ionia	4	65	3 680	–	–	6	90	4 135	–	–
Iosco	4	183	9 569	–	–	3	80	(D)	–	–
Iron	9	119	5 398	–	–	3	95	3 180	–	–
Isabella	17	676	31 510	–	–	15	455	21 016	–	–
Jackson	4	40	2 620	–	–	6	78	3 330	–	–
Kent	7	142	8 560	–	–	6	83	4 358	–	–
Lapeer	13	287	12 418	–	–	17	615	33 865	–	–
Lenawee	3	(D)	(D)	–	–	3	60	2 640	–	–
Mackinac	3	37	1 712	–	–	3	35	(D)	–	–
Manistee	3	(D)	1 194	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Marquette	5	309	19 435	–	–	5	441	19 790	–	–
Mason	3	46	2 108	–	–	7	100	5 145	–	–
Mecosta	9	84	3 608	–	–	8	162	5 994	–	–
Menominee	55	2 199	119 865	–	–	40	1 298	68 191	–	–

Table 26. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BARLEY FOR GRAIN (BUSHELS)—Con.										
Counties—Con.										
Missaukee	10	292	13 165	–	–	4	37	1 320	–	–
Montcalm	11	327	17 505	1	(D)	17	385	14 647	–	–
Montmorency	10	527	28 955	–	–	11	307	16 640	–	–
Newaygo	10	231	11 356	–	–	5	74	1 980	–	–
Oceana	4	113	6 551	–	–	5	69	4 550	–	–
Ogemaw	15	739	50 750	–	–	11	451	25 495	–	–
Ontonagon	3	83	2 775	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Osceola	9	280	18 450	2	(D)	11	183	7 845	1	(D)
Otsego	6	36	844	–	–	3	(D)	3 400	–	–
Ottawa	6	109	5 025	–	–	8	86	3 485	–	–
Presque Isle	41	1 423	64 779	–	–	34	936	43 697	–	–
St. Clair	4	353	22 871	–	–	14	303	18 736	–	–
Sanilac	42	1 489	88 061	–	–	49	1 443	77 396	–	–
Shiawassee	9	122	8 400	–	–	12	226	12 362	–	–
Tuscola	14	494	34 860	–	–	15	507	33 875	–	–
Van Buren	7	161	7 108	–	–	7	159	6 475	–	–
Washtenaw	12	209	7 156	–	–	17	227	9 751	–	–
All other counties	18	267	12 657	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
BUCKWHEAT (BUSHELS)										
State Total										
Michigan	13	351	7 288	–	–	43	640	5 621	–	–
Counties										
Montcalm	3	108	2 230	–	–	5	164	1 104	–	–
All other counties	10	243	5 058	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
CANOLA (POUNDS)										
State Total										
Michigan	18	505	572 656	–	–	118	3 699	3 374 585	2	(D)
Counties										
Iron	4	122	144 700	–	–	–	–	–	–	–
Otsego	3	72	35 340	–	–	–	–	–	–	–
All other counties	11	311	392 616	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
EMMER AND SPELT (BUSHELS)										
State Total										
Michigan	46	1 030	65 483	–	–	65	1 150	71 572	–	–
Counties										
Allegan	5	35	2 040	–	–	6	107	6 230	–	–
Barry	4	93	5 165	–	–	8	121	7 540	–	–
Clare	4	63	4 125	–	–	–	–	–	–	–
Gladwin	5	36	2 860	–	–	3	20	1 390	–	–
Kent	5	54	3 998	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	23	749	47 295	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
OATS FOR GRAIN (BUSHELS)										
State Total										
Michigan	3 707	77 588	4 624 435	18	727	5 436	113 359	6 650 151	23	574
Counties										
Alcona	25	768	50 032	–	–	17	260	18 155	–	–
Alger	4	(D)	(D)	–	–	8	108	6 066	–	–
Allegan	87	1 493	83 227	–	–	125	2 133	107 171	–	–
Alpena	94	4 247	184 972	–	–	128	5 250	366 437	1	(D)
Antrim	18	448	16 981	1	(D)	22	665	28 870	1	(D)
Arenac	31	810	55 538	–	–	49	1 222	88 895	–	–
Baraga	16	251	8 605	–	–	15	221	10 157	–	–
Barry	39	681	43 323	–	–	45	909	38 370	–	–
Bay	39	550	41 691	–	–	40	420	31 007	–	–
Benzie	7	39	1 796	–	–	6	50	2 604	–	–
Berrien	13	202	12 330	–	–	10	98	5 240	–	–
Branch	78	1 143	74 429	–	–	80	1 032	64 761	–	–
Calhoun	69	1 271	88 085	–	–	93	1 847	110 972	–	–
Cass	33	462	26 115	–	–	58	1 191	50 076	–	–
Charlevoix	19	262	11 385	–	–	27	407	22 890	–	–
Cheboygan	22	401	12 810	–	–	30	481	24 075	–	–
Chippewa	70	1 546	59 831	–	–	73	2 197	104 398	–	–
Clare	40	727	38 421	–	–	52	1 114	59 336	–	–
Clinton	83	1 222	88 291	–	–	129	1 984	98 110	2	(D)
Delta	43	1 329	90 473	1	(D)	66	2 234	125 571	–	–

Table 26. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
OATS FOR GRAIN (BUSHELS)—Con.										
Counties—Con.										
Dickinson	19	716	49 446	1	(D)	18	424	20 456	–	–
Eaton	59	978	63 631	1	(D)	75	1 129	64 383	–	–
Emmet	34	860	34 471	1	(D)	45	900	45 908	–	–
Genesee	44	848	53 993	–	–	59	937	49 917	–	–
Gladwin	81	1 108	62 403	–	–	85	1 451	83 649	1	(D)
Grand Traverse	39	933	45 609	1	(D)	49	868	41 072	–	–
Gratiot	32	495	32 265	–	–	58	1 202	50 954	–	–
Hillsdale	60	910	56 406	–	–	96	1 400	83 812	1	(D)
Houghton	21	383	14 874	–	–	29	506	21 870	–	–
Huron	184	3 816	298 388	3	55	335	7 126	603 820	–	–
Ingham	39	836	58 837	–	–	49	1 009	51 485	–	–
Ionia	75	1 417	102 634	–	–	130	2 618	114 636	–	–
Iosco	29	669	44 066	1	(D)	46	1 028	72 178	–	–
Iron	21	622	33 630	–	–	18	506	22 205	–	–
Isabella	88	1 839	100 966	–	–	142	2 966	152 939	–	–
Jackson	77	1 502	88 782	–	–	103	2 473	166 322	–	–
Kalamazoo	35	749	48 023	–	–	49	914	48 038	–	–
Kent	94	1 880	127 653	–	–	156	3 364	162 063	–	–
Lake	7	107	4 770	–	–	13	197	8 600	–	–
Lapeer	86	1 536	89 532	–	–	156	3 088	177 122	–	–
Leelanau	27	395	16 976	–	–	27	363	19 943	–	–
Lenawee	58	894	69 649	–	–	103	1 796	124 174	–	–
Livingston	22	332	16 421	–	–	45	800	46 520	1	(D)
Luce	6	134	6 837	–	–	3	148	6 850	–	–
Mackinac	15	346	13 932	–	–	15	418	20 100	–	–
Macomb	10	174	11 337	–	–	30	426	23 200	2	(D)
Manistee	10	153	3 825	–	–	18	160	6 800	1	(D)
Marquette	13	256	12 565	–	–	11	170	11 977	–	–
Mason	56	1 041	66 406	1	(D)	61	856	42 631	–	–
Mecosta	76	1 158	57 323	–	–	100	1 497	63 000	–	–
Menominee	64	1 718	96 214	–	–	73	1 735	95 645	–	–
Midland	18	427	24 086	–	–	27	360	24 814	–	–
Missaukee	40	1 007	61 178	–	–	62	1 584	81 840	1	(D)
Monroe	51	828	70 725	–	–	83	1 069	86 240	–	–
Montcalm	107	2 101	127 484	3	60	123	2 514	99 231	5	120
Montmorency	15	460	22 269	–	–	36	1 133	58 405	–	–
Muskegon	28	569	31 798	–	–	46	942	46 423	–	–
Newaygo	65	1 109	55 789	–	–	78	1 157	47 233	–	–
Oakland	7	126	7 890	–	–	14	447	26 076	–	–
Oceana	53	810	50 296	–	–	42	720	38 770	–	–
Ogemaw	39	1 241	78 534	–	–	68	1 493	104 684	2	(D)
Ontonagon	18	481	14 896	–	–	26	729	23 221	–	–
Osceola	40	776	37 589	–	–	56	1 015	49 783	–	–
Oscoda	7	52	3 073	1	(D)	15	172	9 957	–	–
Otsego	21	617	34 146	2	(D)	30	631	33 092	1	(D)
Ottawa	70	1 067	65 375	–	–	120	1 856	85 414	–	–
Presque Isle	100	4 744	205 307	–	–	124	4 510	229 541	–	–
Roscommon	3	18	(D)	–	–	4	51	1 732	–	–
Saginaw	66	806	58 478	–	–	92	1 166	72 382	–	–
St. Clair	54	911	55 291	–	–	121	2 325	146 193	1	(D)
St. Joseph	56	799	53 663	1	(D)	80	1 040	55 816	1	(D)
Sanilac	226	5 618	376 736	–	–	383	11 049	735 454	1	(D)
Schoolcraft	7	385	26 988	–	–	9	242	15 660	–	–
Shiawassee	57	1 451	97 036	–	–	130	3 237	201 806	–	–
Tuscola	74	1 305	89 104	–	–	143	2 607	202 997	1	(D)
Van Buren	28	701	43 177	–	–	29	454	22 501	–	–
Washtenaw	109	1 822	121 408	–	–	181	4 061	260 626	–	–
Wayne	14	250	15 378	–	–	12	132	8 235	–	–
Wexford	18	350	18 291	–	–	23	267	11 045	–	–
All other counties	5	(D)	1 485	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
POPCORN (POUNDS, SHELLED)										
State Total										
Michigan	37	4 554	11 234 850	14	2 837	73	6 286	20 025 837	21	3 004
Counties										
Berrien	3	6	1 800	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Branch	5	944	2 646 791	1	(D)	16	1 348	4 452 388	8	1 046
Calhoun	5	395	868 140	2	(D)	8	539	1 485 500	1	(D)
Kalamazoo	3	(D)	(D)	1	(D)	5	233	801 595	2	(D)
Midland	3	(D)	(D)	1	(D)	3	(D)	(D)	–	–
St. Joseph	8	2 195	5 126 200	7	2 127	22	2 227	6 702 970	7	1 235
All other counties	10	407	1 146 133	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
RYE FOR GRAIN (BUSHELS)										
State Total										
Michigan	595	13 469	399 027	10	384	850	16 786	449 666	12	667

Table 26. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
RYE FOR GRAIN (BUSHELS) —Con.										
Counties										
Allegan	19	439	14 884	1	(D)	33	398	11 095	1	(D)
Alpena	8	98	1 671	–	–	10	85	2 404	–	–
Antrim	7	224	5 869	1	(D)	13	251	5 665	1	(D)
Arenac	5	30	1 105	–	–	3	(D)	1 215	–	–
Barry	6	173	5 640	–	–	7	133	3 700	–	–
Bay	10	636	20 083	–	–	18	715	20 700	1	(D)
Benzie	8	87	2 310	–	–	6	146	3 220	–	–
Berrien	13	711	31 387	–	–	23	350	7 056	2	(D)
Branch	4	(D)	6 666	–	–	12	492	14 435	1	(D)
Calhoun	4	174	5 990	–	–	18	272	8 079	–	–
Cass	10	319	10 405	–	–	11	477	10 530	–	–
Charlevoix	8	54	1 359	–	–	10	70	1 938	–	–
Clare	4	68	1 880	–	–	5	53	766	–	–
Clinton	6	640	22 653	–	–	15	913	31 923	–	–
Delta	4	100	(D)	–	–	12	161	5 030	–	–
Eaton	3	(D)	(D)	–	–	9	96	2 382	–	–
Emmet	4	69	1 266	–	–	3	55	1 125	–	–
Genesee	8	118	3 001	–	–	10	92	2 196	–	–
Gladwin	7	108	3 105	–	–	8	88	3 000	–	–
Grand Traverse	15	363	10 115	–	–	22	311	8 100	–	–
Gratiot	13	592	23 899	–	–	19	1 458	44 874	–	–
Hillsdale	9	68	2 395	–	–	14	266	8 831	–	–
Houghton	3	5	105	–	–	–	–	–	–	–
Huron	6	91	2 180	–	–	8	84	2 360	–	–
Ingham	5	182	9 120	–	–	7	178	4 789	–	–
Ionia	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Isabella	15	314	6 505	–	–	17	303	6 638	–	–
Jackson	5	55	1 590	–	–	13	197	7 765	–	–
Kalkaska	3	108	2 100	2	(D)	5	40	334	–	–
Kent	16	303	8 190	–	–	13	222	5 375	–	–
Lapeer	4	50	1 425	–	–	10	140	3 035	–	–
Leelanau	12	136	3 585	–	–	14	254	5 373	1	(D)
Lenawee	7	104	4 082	–	–	18	294	12 806	–	–
Livingston	6	184	3 798	–	–	3	41	(D)	–	–
Macomb	4	27	813	–	–	7	197	6 976	1	(D)
Manistee	17	339	6 475	1	(D)	30	486	10 902	1	(D)
Mason	22	369	9 220	–	–	21	248	6 205	–	–
Mecosta	29	493	10 717	–	–	20	516	11 241	–	–
Menominee	3	19	550	–	–	9	149	2 958	–	–
Midland	3	19	386	–	–	5	10	173	–	–
Missaukee	3	25	775	–	–	4	25	570	–	–
Monroe	5	(D)	(D)	–	–	10	133	2 085	–	–
Montcalm	36	1 292	36 016	2	(D)	39	824	14 815	2	(D)
Muskegon	4	105	910	–	–	4	60	1 932	–	–
Newaygo	12	115	2 717	–	–	12	178	2 760	–	–
Oceana	47	891	23 841	1	(D)	60	1 147	22 812	–	–
Ogemaw	5	64	2 291	–	–	3	(D)	1 170	–	–
Osceola	5	94	1 580	–	–	5	61	950	–	–
Oscoda	3	20	(D)	–	–	4	21	560	–	–
Otsego	10	167	2 780	–	–	10	157	2 630	–	–
Ottawa	21	442	14 130	2	(D)	35	362	9 043	1	(D)
Presque Isle	10	130	4 596	–	–	27	395	13 646	–	–
Saginaw	11	108	2 273	–	–	18	187	5 913	–	–
St. Clair	5	45	1 360	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
St. Joseph	13	203	8 063	–	–	15	397	10 795	–	–
Sanilac	3	81	(D)	–	–	11	480	16 240	–	–
Tuscola	16	139	4 600	–	–	17	263	9 070	–	–
Van Buren	9	178	3 170	–	–	18	214	5 992	–	–
Washtenaw	9	311	8 615	–	–	14	227	6 412	–	–
Wayne	3	(D)	932	–	–	4	(D)	(D)	–	–
Wexford	8	57	1 453	–	–	5	28	960	–	–
All other counties	19	523	15 552	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
SUNFLOWER SEED (POUNDS)										
State Total										
Michigan	32	1 522	1 587 200	–	–	36	2 367	2 155 374	1	(D)
Counties										
Montmorency	3	320	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Otsego	3	94	124 800	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	26	1 108	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
TRITICALE (BUSHELS)										
State Total										
Michigan	4	132	1 026	–	–	7	80	(D)	–	–

Table 27. **Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1997 and 1992**

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SOYBEANS FOR BEANS (BUSHELS)										
State Total										
Michigan	12 561	1 694 872	62 242 411	384	47 518	13 175	1 332 114	41 633 625	333	26 831
Counties										
Alcona	5	215	4 440	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Allegan	235	33 913	1 323 641	14	1 279	197	16 243	564 392	6	545
Alpena	6	339	6 063	–	–	4	204	2 852	–	–
Arenac	98	8 408	293 071	1	(D)	79	4 770	115 169	1	(D)
Barry	157	20 905	747 937	2	(D)	172	18 961	622 608	1	(D)
Bay	397	35 768	1 405 659	7	548	379	24 413	799 818	6	222
Berrien	303	41 765	1 582 827	11	1 266	350	29 518	1 022 493	10	578
Branch	391	52 500	2 126 596	56	8 232	478	39 046	1 371 423	51	4 538
Calhoun	459	48 722	1 837 575	18	2 628	415	31 856	1 015 191	4	568
Cass	288	37 699	1 391 697	27	2 031	287	29 191	969 970	17	1 078
Clare	11	460	12 215	–	–	5	140	1 142	–	–
Clinton	601	70 045	2 614 109	3	(D)	748	66 669	2 082 181	4	284
Delta	3	590	13 520	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Eaton	380	55 355	2 073 950	1	(D)	451	46 778	1 517 660	3	181
Genesee	212	32 355	1 021 645	–	–	263	28 930	709 072	3	30
Gladwin	24	1 415	44 839	–	–	27	908	20 767	1	(D)
Grand Traverse	9	338	6 852	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Gratiot	494	77 248	2 947 133	1	(D)	591	63 812	1 966 680	2	(D)
Hillsdale	461	62 120	2 384 960	13	1 352	489	43 000	1 437 546	5	263
Huron	356	35 377	1 225 714	1	(D)	212	12 161	337 460	–	–
Ingham	305	48 705	1 755 431	2	(D)	279	30 880	1 078 774	1	(D)
Ionia	375	49 949	1 988 723	1	(D)	425	41 825	1 309 692	7	349
Iosco	17	801	26 776	–	–	8	232	2 876	–	–
Isabella	289	32 446	1 122 410	–	–	244	19 338	510 835	2	(D)
Jackson	231	26 859	930 885	7	753	196	13 705	454 995	3	440
Kalamazoo	229	32 025	1 208 891	26	3 141	240	24 707	821 152	27	2 473
Kent	123	14 120	526 560	–	–	85	5 743	163 833	1	(D)
Lapeer	207	28 400	940 492	2	(D)	187	13 427	375 257	1	(D)
Lenawee	692	124 489	5 141 670	7	405	792	111 836	4 085 280	1	(D)
Livingston	112	13 693	504 644	–	–	105	9 544	270 652	1	(D)
Macomb	172	23 844	808 061	1	(D)	189	19 118	569 515	1	(D)
Mason	22	1 090	36 515	1	(D)	14	591	11 723	3	70
Mecosta	4	152	(D)	–	–	6	167	2 812	2	(D)
Menominee	4	104	3 120	–	–	3	86	1 460	–	–
Midland	152	16 244	619 812	–	–	179	18 268	575 143	1	(D)
Monroe	639	91 890	3 563 077	2	(D)	755	92 322	3 007 179	5	95
Montcalm	118	14 081	496 302	12	1 360	119	10 636	244 605	6	199
Montmorency	5	111	3 460	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Muskegon	23	3 453	112 720	1	(D)	16	2 549	43 159	1	(D)
Newaygo	33	1 604	52 597	1	(D)	7	350	5 438	–	–
Oakland	25	4 432	138 161	–	–	16	1 535	49 470	–	–
Oceana	14	803	20 162	–	–	10	323	5 445	2	(D)
Ogemaw	4	308	3 800	–	–	–	–	–	–	–
Otsego	3	19	155	–	–	–	–	–	–	–
Ottawa	132	9 232	369 525	2	(D)	34	1 289	36 483	1	(D)
Presque Isle	8	653	19 357	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Saginaw	777	110 723	3 836 000	2	(D)	961	121 932	3 715 603	4	105
St. Clair	386	64 317	2 117 505	1	(D)	417	50 223	1 383 405	1	(D)
St. Joseph	345	47 485	1 912 228	129	17 964	407	40 819	1 449 697	128	11 293
Sanilac	638	103 213	3 666 136	3	418	626	69 673	1 739 077	5	75
Schoolcraft	3	(D)	6 455	–	–	–	–	–	–	–
Shiawassee	535	81 564	2 578 669	2	(D)	677	77 544	2 251 049	3	220
Tuscola	475	57 939	2 138 823	7	699	472	42 769	1 368 331	2	(D)
Van Buren	154	24 702	811 635	14	1 595	171	23 679	597 615	7	362
Washtenaw	353	38 716	1 389 030	5	582	296	22 970	762 558	3	(D)
Wayne	57	10 498	313 781	–	–	75	6 525	153 268	–	–
All other counties	10	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
DRY EDIBLE BEANS, EXCLUDING DRY LIMAS (CWT)										
State Total										
Michigan	2 172	302 767	4 878 076	86	11 390	3 176	322 334	4 229 224	130	14 076
Counties										
Alcona	13	1 107	13 628	–	–	4	301	4 985	–	–
Alpena	17	3 679	37 727	1	(D)	23	3 973	44 147	–	–
Arenac	67	8 663	134 784	3	(D)	87	9 692	133 319	–	–
Bay	266	33 331	560 713	2	(D)	406	36 161	495 619	1	(D)
Branch	3	215	2 700	1	(D)	5	303	5 670	3	215
Clinton	13	1 221	17 114	–	–	25	1 594	21 101	1	(D)
Delta	6	1 062	11 290	–	–	10	1 263	12 143	–	–
Eaton	19	1 473	16 050	–	–	71	5 477	65 896	–	–
Genesee	7	861	11 260	–	–	7	145	1 817	–	–
Gladwin	17	1 761	25 726	–	–	20	2 147	20 505	–	–

USDA, National Agricultural Statistics Service

Table 27. **Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
DRY EDIBLE BEANS, EXCLUDING DRY LIMAS (CWT)—Con.										
Counties—Con.										
Grand Traverse	3	(D)	(D)	1	(D)	–	–	–	–	–
Gratiot	137	20 712	311 063	3	149	245	25 583	355 538	9	554
Huron	577	91 450	1 539 326	5	343	793	90 835	1 183 278	8	337
Ingham	4	(D)	(D)	–	–	7	191	2 706	1	(D)
Ionia	7	1 021	14 523	1	(D)	44	6 681	53 063	4	417
Isabella	74	7 920	109 863	3	260	100	5 849	76 528	6	389
Kalamazoo	4	484	6 026	3	430	(NA)	(NA)	(NA)	(NA)	(NA)
Kent	17	2 876	50 270	4	341	18	2 243	32 961	6	707
Lapeer	20	2 863	87 742	–	–	31	5 796	67 639	2	(D)
Lenawee	4	217	3 916	–	–	5	222	4 045	–	–
Manistee	4	956	15 895	4	856	4	958	13 668	3	820
Mecosta	14	2 406	38 395	6	1 166	19	2 329	25 529	8	604
Midland	40	4 892	82 263	2	(D)	73	6 371	82 754	–	–
Missaukee	3	(D)	(D)	1	(D)	–	–	–	–	–
Monroe	4	300	3 884	–	–	10	416	7 831	–	–
Montcalm	119	17 675	273 964	28	5 694	132	17 256	210 883	49	7 450
Montmorency	5	471	4 870	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Oceana	4	255	(D)	–	–	3	196	(D)	1	(D)
Presque Isle	28	2 737	30 688	6	695	41	3 576	18 930	6	440
Saginaw	153	15 606	266 520	1	(D)	221	15 293	236 889	–	–
St. Clair	7	1 094	(D)	1	(D)	6	384	4 340	–	–
Sanilac	176	19 103	286 008	1	(D)	274	22 393	225 695	3	280
Shiawassee	7	145	2 171	–	–	19	616	4 154	–	–
Tuscola	305	54 397	868 803	3	288	391	49 033	746 639	2	(D)
All other counties	28	1 430	20 757	6	425	(NA)	(NA)	(NA)	(NA)	(NA)
POTATOES, EXCLUDING SWEETPOTATOES (CWT)										
State Total										
Michigan	328	44 931	13 632 901	175	33 519	492	47 061	13 186 117	217	30 752
Counties										
Alger	3	(D)	(D)	–	–	–	–	–	–	–
Allegan	8	553	139 942	7	549	16	2 066	596 128	10	1 649
Alpena	5	(D)	(D)	2	(D)	7	1 115	186 710	2	(D)
Antrim	5	(D)	(D)	4	(D)	9	1 693	528 437	3	1 590
Arenac	5	757	175 418	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Bay	38	4 085	952 556	22	1 481	60	7 138	1 851 400	41	3 771
Berrien	10	13	1 770	3	(D)	16	32	4 730	2	(D)
Calhoun	5	4	770	1	(D)	7	33	10 980	–	–
Clinton	3	(D)	(D)	2	(D)	4	(D)	(D)	2	(D)
Delta	14	898	265 050	7	496	19	1 376	248 076	7	391
Dickinson	10	885	164 260	4	173	17	1 713	421 334	5	474
Eaton	3	870	(D)	1	(D)	4	1 180	(D)	2	(D)
Emmet	8	(D)	(D)	2	(D)	8	386	72 340	1	(D)
Gladwin	3	1	84	–	–	8	13	2 777	2	(D)
Grand Traverse	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Houghton	7	31	3 610	2	(D)	4	(D)	(D)	2	(D)
Huron	3	(D)	(D)	2	(D)	7	335	98 185	1	(D)
Ingham	3	9	(D)	2	(D)	4	(D)	(D)	2	(D)
Iron	4	440	149 700	4	435	7	519	144 440	3	300
Kalkaska	3	1 007	353 470	3	1 007	4	880	235 500	2	(D)
Kent	4	(D)	(D)	3	(D)	7	727	271 182	5	724
Leelanau	6	18	2 188	3	4	(NA)	(NA)	(NA)	(NA)	(NA)
Macomb	6	23	4 662	–	–	3	14	2 760	2	(D)
Manistee	3	15	4 680	2	(D)	4	(D)	(D)	3	(D)
Mecosta	6	(D)	(D)	3	(D)	9	1 367	447 477	4	1 366
Missaukee	3	(D)	2 200	2	(D)	–	–	–	–	–
Monroe	10	1 579	408 980	3	1 071	21	2 019	483 641	5	(D)
Montcalm	27	12 744	4 249 861	27	12 172	42	12 108	4 351 771	41	11 902
Muskegon	4	(D)	(D)	4	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Newaygo	5	182	23 680	4	162	3	138	22 800	2	(D)
Oceana	3	5	454	2	(D)	3	(D)	(D)	2	(D)
Otsego	3	(D)	(D)	3	(D)	5	388	70 260	2	(D)
Ottawa	8	17	2 566	3	(D)	9	36	9 072	3	(D)
Presque Isle	21	2 937	690 763	12	1 653	33	3 102	574 235	15	1 219
St. Joseph	13	3 204	1 080 264	11	3 038	4	5	789	3	4
Sanilac	4	937	292 874	2	(D)	5	(D)	(D)	2	(D)
Schoolcraft	5	364	86 417	–	–	8	(D)	(D)	1	(D)
Tuscola	7	(D)	(D)	4	(D)	10	2 179	631 812	6	1 487
Washtenaw	3	(D)	(D)	2	(D)	8	(D)	(D)	5	(D)
Wayne	4	6	378	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	40	3 179	996 603	16	2 032	(NA)	(NA)	(NA)	(NA)	(NA)

Table 27. **Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SUGAR BEETS FOR SUGAR (TONS)										
State Total										
Michigan	1 182	163 236	3 055 112	39	2 445	1 518	174 917	3 026 450	38	2 092
Counties										
Arenac	41	5 542	102 408	1	(D)	45	5 295	90 316	1	(D)
Bay	210	18 919	337 683	19	952	297	24 966	441 077	16	607
Genesee	4	456	9 279	–	–	4	609	7 584	–	–
Gladwin	12	1 583	25 117	–	–	9	700	11 947	–	–
Gratiot	70	16 375	301 969	1	(D)	110	17 894	327 648	1	(D)
Huron	315	45 802	904 144	5	291	353	36 319	659 827	5	172
Ingham	4	12	256	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Isabella	11	3 753	63 325	1	(D)	12	1 510	20 268	1	(D)
Lenawee	20	1 833	33 708	1	(D)	41	3 433	55 017	–	–
Mecosta	3	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Midland	24	3 516	58 506	–	–	30	5 356	88 811	1	(D)
Monroe	6	278	4 787	–	–	36	2 833	37 521	–	–
Montcalm	5	486	8 070	2	(D)	7	312	4 356	–	–
Saginaw	161	18 234	345 003	2	(D)	201	20 782	357 744	4	226
St. Clair	8	1 543	27 496	–	–	9	1 395	20 388	–	–
Sanilac	71	14 577	262 448	–	–	76	15 543	211 535	1	(D)
Schoolcraft	3	61	1 190	–	–	–	–	–	–	–
Tuscola	194	29 600	558 473	5	655	275	37 353	684 003	8	674
All other counties	20	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
FIELD SEED AND GRASS SEED CROPS										
State Total										
Michigan	86	(D)	(X)	–	–	144	5 234	(X)	1	(D)
Counties										
Alpena	3	68	(X)	–	–	–	–	(X)	–	–
Chippewa	15	(D)	(X)	–	–	37	2 765	(X)	–	–
Ionia	4	(D)	(X)	–	–	8	165	(X)	–	–
Isabella	3	30	(X)	–	–	7	92	(X)	–	–
Mecosta	3	(D)	(X)	–	–	–	–	(X)	–	–
Montcalm	6	374	(X)	–	–	11	344	(X)	1	(D)
Ontonagon	6	(D)	(X)	–	–	6	861	(X)	–	–
Sanilac	3	37	(X)	–	–	3	56	(X)	–	–
Shiawassee	5	(D)	(X)	–	–	3	58	(X)	–	–
Washtenaw	6	(D)	(X)	–	–	2	(D)	(X)	–	–
All other counties	32	613	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
ALFALFA SEED (POUNDS)										
State Total										
Michigan	5	44	1 880	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
BIRDSFOOT TREFOIL SEED (POUNDS)										
State Total										
Michigan	22	1 536	126 421	–	–	42	3 463	177 125	–	–
Counties										
Chippewa	14	1 127	82 921	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Ontonagon	5	297	34 300	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	3	112	9 200	–	–	(NA)	(NA)	(NA)	(NA)	(NA)

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
RED CLOVER SEED (POUNDS)										
State Total										
Michigan	55	1 832	258 578	–	–	80	1 306	201 067	1	(D)
Counties										
Alpena	3	68	(D)	–	–	–	–	–	–	–
Ionia	3	110	11 510	–	–	8	165	15 275	–	–
Isabella	3	30	2 995	–	–	7	92	9 529	–	–
Montcalm	6	374	73 129	–	–	11	344	74 322	1	(D)
Shiawassee	5	(D)	104 950	–	–	3	58	10 270	–	–
Washtenaw	5	57	2 830	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	30	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
RYEGRASS SEED (POUNDS)										
State Total										
Michigan	6	176	17 900	–	–	12	245	56 472	–	–
VETCH SEED (POUNDS)										
State Total										
Michigan	1	(D)	(D)	–	–	4	18	3 150	–	–
HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)										
State Total										
Michigan	20 858	1 264 350	2 830 915	258	11 154	22 285	1 283 598	2 821 347	236	10 522
Counties										
Alcona	155	13 757	24 116	–	–	155	12 737	20 941	–	–
Alger	45	5 744	8 345	–	–	42	4 279	6 654	2	(D)
Allegan	590	32 306	82 285	9	252	682	34 498	95 785	3	140
Alpena	290	21 386	38 426	1	(D)	280	19 573	29 216	2	(D)
Antrim	133	9 979	17 502	2	(D)	120	8 272	11 844	1	(D)
Arenac	121	9 751	20 428	–	–	131	10 036	22 174	1	(D)
Baraga	44	5 001	6 763	1	(D)	48	5 054	5 940	–	–
Barry	461	27 239	73 242	7	535	519	25 947	69 338	5	484
Bay	140	5 930	15 690	2	(D)	119	5 214	16 315	1	(D)
Benzie	53	1 704	2 569	–	–	44	1 591	1 499	–	–
Berrien	241	7 403	21 074	4	26	243	7 072	18 212	3	78
Branch	387	11 855	32 200	10	319	381	11 521	33 228	10	359
Calhoun	474	17 979	44 728	6	80	507	19 048	51 930	–	–
Cass	327	12 210	27 160	5	53	345	12 729	35 550	4	248
Charlevoix	126	8 396	15 100	–	–	141	9 033	15 065	7	34
Cheboygan	151	13 631	21 675	–	–	132	11 656	13 780	–	–
Chippewa	273	43 590	48 743	1	(D)	274	36 348	37 925	–	–
Clare	248	18 077	35 017	2	(D)	219	17 219	24 338	1	(D)
Clinton	460	24 176	75 406	4	200	545	26 381	87 964	6	131
Crawford	13	291	364	1	(D)	9	(D)	(D)	–	–
Delta	188	20 473	33 311	1	(D)	168	16 255	20 201	1	(D)
Dickinson	78	5 866	10 594	–	–	70	6 161	8 304	–	–
Eaton	456	15 887	42 155	6	101	481	16 958	47 074	3	(D)
Emmet	134	11 712	18 176	3	(D)	142	10 998	14 562	–	–
Genesee	365	12 565	27 010	2	(D)	369	12 715	28 390	4	50
Gladwin	295	15 667	28 027	–	–	286	13 592	19 493	5	220
Gogebic	32	1 136	1 561	–	–	38	1 792	2 083	–	–
Grand Traverse	161	9 832	19 222	3	(D)	145	9 585	14 152	1	(D)
Gratiot	260	13 640	36 937	2	(D)	281	13 647	39 142	5	556
Hillsdale	443	19 977	57 829	5	247	467	20 051	59 973	7	240
Houghton	84	7 630	11 036	1	(D)	92	8 167	9 565	1	(D)
Huron	445	25 601	69 902	5	94	586	31 719	109 725	6	39
Ingham	396	18 466	50 741	2	(D)	445	21 619	63 570	–	–
Ionia	488	27 609	77 753	5	195	559	28 925	84 070	6	137
Iosco	153	11 841	23 606	5	388	143	12 254	19 809	2	(D)
Iron	57	6 081	9 699	–	–	61	6 092	7 073	–	–
Isabella	508	38 157	94 320	3	158	564	41 736	92 565	3	(D)
Jackson	504	22 544	55 752	2	(D)	569	25 884	71 055	1	(D)
Kalamazoo	260	10 797	27 096	3	(D)	267	11 536	27 381	3	(D)
Kalkaska	56	3 361	4 328	–	–	54	2 972	3 080	1	(D)
Kent	553	30 713	78 350	3	(D)	634	34 196	89 707	10	631
Keweenaw	5	45	51	–	–	1	(D)	(D)	–	–
Lake	85	6 848	12 387	–	–	71	4 332	3 708	–	–
Lapeer	585	30 884	75 668	4	118	676	32 998	81 694	3	(D)
Leelanau	104	5 595	10 768	1	(D)	122	6 175	9 015	1	(D)
Lenawee	343	13 047	37 800	1	(D)	376	15 591	45 567	1	(D)
Livingston	311	15 683	36 663	5	79	405	21 417	47 359	4	40
Luce	18	2 734	4 661	–	–	17	2 271	3 214	–	–
Mackinac	53	7 945	9 802	1	(D)	57	9 229	12 497	–	–
Macomb	125	4 853	11 220	2	(D)	170	5 151	13 022	1	(D)

USDA, National Agricultural Statistics Service

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)—Con.										
Counties—Con.										
Manistee	145	6 458	9 800	3	35	143	6 648	9 146	–	–
Marquette	52	5 617	10 055	–	–	55	5 126	7 444	–	–
Mason	199	12 975	27 507	3	(D)	183	13 146	26 731	5	290
Mecosta	408	32 852	65 233	7	540	459	36 899	59 096	10	696
Menominee	247	31 999	65 061	2	(D)	263	33 642	45 384	–	–
Midland	164	5 980	10 960	2	(D)	148	5 729	9 375	–	–
Missaukee	233	33 692	73 135	8	1 025	235	34 593	55 052	11	732
Monroe	205	4 008	12 263	2	(D)	226	4 149	12 518	1	(D)
Montcalm	537	28 816	66 365	12	818	520	29 846	76 025	16	870
Montmorency	72	5 677	10 393	1	(D)	82	4 878	7 880	1	(D)
Muskegon	205	13 198	32 999	2	(D)	223	13 546	22 813	6	489
Newaygo	439	29 786	67 821	4	48	454	29 827	51 041	3	(D)
Oakland	164	8 293	17 371	3	(D)	187	8 694	20 487	1	(D)
Oceana	258	13 665	31 707	8	238	269	14 011	24 988	3	52
Ogemaw	211	25 035	53 911	–	–	210	23 936	52 440	2	(D)
Ontonagon	81	10 760	19 443	–	–	86	9 400	10 841	–	–
Osceola	384	41 531	76 871	6	415	403	38 893	53 076	7	654
Oscoda	60	4 225	6 822	–	–	64	4 536	5 782	–	–
Otsego	89	9 656	13 166	–	–	99	10 013	10 313	–	–
Ottawa	535	29 015	71 942	9	109	628	29 723	76 358	11	313
Presque Isle	223	18 869	35 075	3	88	216	15 612	21 248	–	–
Roscommon	20	1 689	2 417	3	180	22	1 677	1 638	1	(D)
Saginaw	265	8 073	23 815	1	(D)	270	8 243	30 205	–	–
St. Clair	462	20 088	41 743	5	96	508	21 115	46 790	2	(D)
St. Joseph	335	11 425	27 689	28	1 000	349	11 213	33 703	22	1 171
Sanilac	744	54 697	154 177	7	189	750	56 249	169 756	2	(D)
Schoolcraft	30	3 801	5 815	–	–	34	3 218	6 916	–	–
Shiawassee	362	16 172	39 063	–	–	459	20 096	58 362	1	(D)
Tuscola	443	21 020	55 655	2	(D)	427	17 810	52 363	7	340
Van Buren	312	12 456	31 733	7	108	306	12 775	28 860	4	85
Washtenaw	496	22 311	62 206	5	110	568	26 668	77 734	2	(D)
Wayne	54	2 053	4 142	2	(D)	61	1 236	3 243	2	(D)
Wexford	147	10 864	17 302	3	(D)	126	7 922	8 884	1	(D)
ALFALFA HAY (TONS, DRY)										
State Total										
Michigan	17 108	788 156	1 985 404	204	7 300	19 379	888 691	2 186 202	179	6 763
Counties										
Alcona	138	10 935	20 877	–	–	140	10 419	17 175	–	–
Alger	31	2 841	5 081	–	–	38	3 018	4 820	–	–
Allegan	459	17 242	51 877	8	(D)	582	22 647	71 451	–	–
Alpena	258	14 621	29 238	1	(D)	253	14 640	23 222	2	(D)
Antrim	108	7 160	13 699	2	(D)	107	6 523	9 621	–	–
Arenac	105	5 793	14 143	–	–	115	6 726	16 638	1	(D)
Baraga	16	1 727	2 890	–	–	24	1 855	2 995	–	–
Barry	388	18 101	50 393	5	292	463	19 302	55 517	4	264
Bay	113	3 568	11 835	2	(D)	104	3 977	13 296	1	(D)
Benzie	46	1 334	2 002	–	–	39	1 323	1 219	–	–
Berrien	208	5 747	17 501	4	26	220	5 575	15 182	2	(D)
Branch	337	8 255	23 817	10	(D)	346	8 278	26 252	6	138
Calhoun	416	13 236	34 637	5	(D)	464	14 611	42 539	–	–
Cass	284	9 842	23 516	4	(D)	322	10 746	31 152	3	(D)
Charlevoix	112	6 387	12 366	–	–	123	6 840	11 146	7	34
Cheboygan	125	9 916	16 340	–	–	107	9 031	10 616	–	–
Chippewa	37	2 897	3 746	–	–	65	5 482	7 610	–	–
Clare	195	11 408	20 876	1	(D)	188	11 316	18 633	1	(D)
Clinton	391	13 757	46 997	3	(D)	482	17 235	62 725	3	(D)
Crawford	10	(D)	(D)	1	(D)	8	232	77	–	–
Delta	139	11 222	21 969	1	(D)	144	10 945	14 585	–	–
Dickinson	57	3 242	6 139	–	–	60	4 056	5 902	–	–
Eaton	393	11 346	33 017	6	101	441	13 853	41 683	3	(D)
Emmet	121	8 512	14 202	3	(D)	124	7 511	11 065	–	–
Genesee	297	8 751	20 486	2	(D)	321	9 950	23 222	4	50
Gladwin	222	10 372	20 850	–	–	244	10 026	15 033	5	(D)
Gogebic	12	320	593	–	–	18	853	962	–	–
Grand Traverse	148	8 568	17 409	2	(D)	136	7 995	11 840	1	(D)
Gratiot	213	8 146	23 510	2	(D)	254	8 802	28 028	5	556
Hillsdale	382	13 876	44 099	5	247	419	15 059	48 960	7	(D)
Houghton	42	2 762	5 434	–	–	54	3 923	5 042	1	(D)
Huron	396	16 517	50 565	4	(D)	543	23 967	92 268	6	39
Ingham	346	13 487	39 961	2	(D)	417	16 348	52 187	–	–
Ionia	427	17 164	57 686	3	(D)	500	20 269	65 887	5	(D)
Iosco	118	7 009	15 918	5	388	120	7 536	14 568	2	(D)
Iron	17	951	2 094	–	–	25	1 538	2 561	–	–
Isabella	426	27 386	74 201	2	(D)	521	34 459	81 476	1	(D)
Jackson	440	17 481	47 306	2	(D)	531	21 315	61 535	1	(D)
Kalamazoo	222	7 705	21 402	3	(D)	230	8 817	23 245	3	127
Kalkaska	52	2 899	3 953	–	–	49	2 569	2 408	–	–

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
ALFALFA HAY (TONS, DRY)—Con.										
Counties—Con.										
Kent	485	19 996	52 454	3	84	580	24 989	71 648	5	133
Keweenaw	4	(D)	(D)	–	–	–	–	–	–	–
Lake	60	4 162	8 626	–	–	55	2 728	2 634	–	–
Lapeer	498	20 922	56 169	2	(D)	613	24 251	64 285	2	(D)
Leelanau	97	4 132	8 368	1	(D)	106	4 388	6 794	1	(D)
Lenawee	302	8 594	28 169	1	(D)	340	11 565	36 320	1	(D)
Livingston	276	11 167	27 351	3	35	376	16 106	39 680	2	(D)
Luce	16	1 715	3 153	–	–	15	1 702	2 553	–	–
Mackinac	26	2 346	4 214	1	(D)	39	3 584	6 187	–	–
Macomb	95	3 120	8 341	2	(D)	147	3 868	10 281	1	(D)
Manistee	121	5 033	8 233	2	(D)	128	5 410	8 129	–	–
Marquette	22	1 761	4 091	–	–	29	2 143	3 329	–	–
Mason	158	8 309	18 462	2	(D)	164	9 655	21 422	5	290
Mecosta	357	24 460	51 528	5	289	418	28 161	46 574	8	(D)
Menominee	209	18 870	46 078	–	–	230	19 318	29 589	–	–
Midland	118	3 305	7 864	–	–	102	3 538	6 939	–	–
Missaukee	184	16 995	42 458	5	(D)	187	18 636	36 177	6	308
Monroe	179	3 130	10 614	–	–	205	3 728	11 698	1	(D)
Montcalm	481	19 113	47 259	8	409	472	23 120	61 814	16	(D)
Montmorency	64	4 098	7 757	–	–	74	3 666	6 507	1	(D)
Muskegon	157	6 446	16 952	1	(D)	186	9 297	17 424	3	(D)
Newaygo	365	18 285	46 483	4	(D)	383	19 827	37 956	3	55
Oakland	129	5 292	13 169	3	(D)	165	7 353	18 458	–	–
Oceana	233	9 548	23 119	6	154	235	9 279	16 802	3	52
Ogemaw	175	15 904	39 789	–	–	185	16 352	39 338	2	(D)
Ontonagon	14	595	908	–	–	14	1 274	1 370	–	–
Osceola	292	26 855	54 944	5	(D)	350	28 288	40 324	4	324
Oscoda	49	2 965	5 346	–	–	54	3 327	4 660	–	–
Otsego	79	7 971	11 514	–	–	93	7 897	8 760	–	–
Ottawa	380	14 462	41 423	4	(D)	488	17 747	52 265	4	126
Presque Isle	197	14 518	28 475	3	88	192	12 282	16 738	–	–
Roscommon	12	892	1 748	3	180	17	885	929	–	–
Saginaw	231	5 643	17 606	–	–	234	6 292	25 210	–	–
St. Clair	311	10 573	24 621	4	(D)	395	13 380	34 163	1	(D)
St. Joseph	299	8 764	23 192	25	700	332	9 371	30 125	21	(D)
Sanilac	633	34 133	108 831	7	189	668	39 758	133 856	1	(D)
Schoolcraft	22	2 233	3 300	–	–	25	1 847	4 847	–	–
Shiawassee	310	11 597	30 825	–	–	423	15 341	48 706	1	(D)
Tuscola	360	12 412	38 444	1	(D)	369	11 454	38 961	7	(D)
Van Buren	250	9 041	23 750	7	(D)	266	9 714	24 067	3	(D)
Washtenaw	445	16 551	49 554	3	(D)	524	20 940	64 524	2	(D)
Wayne	32	922	2 571	2	(D)	49	939	2 724	–	–
Wexford	134	8 669	14 771	3	(D)	111	5 724	7 092	1	(D)
SMALL GRAIN HAY (TONS, DRY)										
State Total										
Michigan	1 073	22 850	38 038	13	(D)	1 063	23 264	40 326	8	(D)
Counties										
Alcona	6	98	99	–	–	10	243	197	–	–
Alger	3	(D)	(D)	–	–	6	(D)	(D)	–	–
Allegan	29	482	871	–	–	33	602	1 195	–	–
Alpena	14	267	587	–	–	19	257	480	–	–
Antrim	4	57	64	–	–	6	241	267	–	–
Arenac	5	203	478	–	–	14	232	691	–	–
Baraga	4	(D)	(D)	–	–	3	164	220	–	–
Barry	20	680	1 455	1	(D)	13	257	563	–	–
Bay	6	118	266	–	–	4	95	185	–	–
Berrien	9	123	134	–	–	5	58	67	–	–
Branch	18	314	618	1	(D)	12	(D)	(D)	–	–
Calhoun	25	370	455	–	–	11	224	411	–	–
Cass	17	361	443	1	(D)	12	417	830	–	–
Cheboygan	7	115	167	–	–	9	252	454	–	–
Chippewa	18	711	531	–	–	8	359	304	–	–
Clare	18	344	512	1	(D)	15	465	752	–	–
Clinton	27	483	762	1	(D)	31	429	593	1	(D)
Delta	13	172	273	–	–	14	449	500	–	–
Dickinson	7	419	1 032	–	–	10	(D)	(D)	–	–
Eaton	22	360	699	–	–	18	299	503	–	–
Emmet	4	155	206	1	(D)	18	253	475	–	–
Genesee	8	42	72	–	–	14	183	233	–	–
Gladwin	23	400	372	–	–	16	311	565	2	(D)
Grand Traverse	6	71	101	–	–	8	(D)	(D)	–	–
Gratiot	14	287	504	–	–	14	256	417	–	–
Hillsdale	19	321	434	–	–	19	620	1 922	1	(D)
Houghton	3	5	8	–	–	7	468	823	–	–
Huron	29	840	1 326	1	(D)	33	596	1 391	–	–
Ingham	16	338	1 031	–	–	13	299	496	–	–
Ionia	25	504	943	–	–	17	852	697	–	–

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SMALL GRAIN HAY (TONS, DRY)—Con.										
Counties—Con.										
Iosco	6	154	135	–	–	14	435	563	–	–
Iron	4	(D)	(D)	–	–	6	49	64	–	–
Isabella	26	457	917	–	–	30	645	955	–	–
Jackson	35	671	988	–	–	16	262	459	–	–
Kalamazoo	6	87	90	–	–	12	267	273	–	–
Kent	13	343	787	–	–	27	423	565	1	(D)
Lake	5	66	102	–	–	3	(D)	(D)	–	–
Lapeer	20	479	972	1	(D)	32	801	1 997	1	(D)
Lenawee	12	336	308	–	–	12	162	230	–	–
Livingston	15	263	337	2	(D)	9	225	381	–	–
Luce	3	143	(D)	–	–	–	–	–	–	–
Mackinac	5	265	464	–	–	6	169	(D)	–	–
Macomb	9	114	101	–	–	3	58	76	–	–
Manistee	4	100	100	–	–	10	101	94	–	–
Marquette	3	(D)	(D)	–	–	6	175	(D)	–	–
Mason	12	161	249	–	–	16	312	308	–	–
Mecosta	29	601	729	1	(D)	19	290	423	–	–
Menominee	17	703	1 177	–	–	31	661	1 080	–	–
Midland	13	175	316	–	–	12	168	233	–	–
Missaukee	11	368	605	–	–	10	232	516	–	–
Monroe	12	137	205	2	(D)	7	98	264	–	–
Montcalm	31	695	870	–	–	30	590	1 086	–	–
Montmorency	7	158	101	–	–	4	76	40	–	–
Muskegon	18	324	461	–	–	12	164	140	–	–
Newaygo	16	166	129	–	–	28	443	712	–	–
Oakland	5	124	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Oceana	19	378	458	–	–	12	298	230	–	–
Ogemaw	19	703	1 157	–	–	18	444	955	–	–
Ontonagon	9	61	171	–	–	5	47	60	–	–
Osceola	14	375	615	–	–	22	513	602	–	–
Oscoda	3	26	(D)	–	–	9	180	266	–	–
Otsego	6	104	45	–	–	5	(D)	(D)	–	–
Ottawa	30	452	686	–	–	26	550	969	–	–
Presque Isle	6	103	174	–	–	15	474	751	–	–
Saginaw	11	191	455	–	–	12	273	790	–	–
St. Clair	18	286	602	–	–	14	352	633	–	–
St. Joseph	37	347	639	–	–	14	(D)	(D)	–	–
Sanilac	49	1 510	3 279	–	–	52	1 167	2 693	–	–
Schoolcraft	4	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Shiawassee	11	237	443	–	–	13	338	530	–	–
Tuscola	30	513	991	–	–	24	545	1 434	1	(D)
Van Buren	10	156	318	–	–	11	486	824	1	(D)
Washtenaw	27	612	1 043	–	–	25	554	1 610	–	–
Wexford	9	168	229	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	5	86	162	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)										
State Total										
Michigan	4 227	174 375	282 437	24	476	3 314	131 112	180 580	14	340
Counties										
Alcona	28	1 106	1 309	–	–	21	1 008	1 402	–	–
Alger	14	895	1 367	–	–	7	308	432	1	(D)
Allegan	116	2 989	4 781	–	–	114	2 194	4 597	1	(D)
Alpena	48	1 783	2 415	–	–	43	1 230	1 424	–	–
Antrim	27	989	1 634	–	–	16	467	480	–	–
Arenac	22	752	876	–	–	20	1 092	1 765	–	–
Baraga	32	2 294	2 813	1	(D)	31	2 813	2 607	–	–
Barry	80	2 423	4 804	1	(D)	68	1 890	3 648	–	–
Bay	25	540	981	–	–	17	289	261	–	–
Benzie	7	215	395	–	–	5	83	149	–	–
Berrien	36	552	1 301	–	–	36	597	1 138	–	–
Branch	65	1 231	2 085	–	–	40	934	1 562	–	–
Calhoun	67	1 542	3 083	1	(D)	46	674	1 529	–	–
Cass	44	1 106	1 852	–	–	43	766	1 497	–	–
Charlevoix	15	366	334	–	–	16	602	1 292	–	–
Cheboygan	43	1 868	2 715	–	–	24	640	699	–	–
Chippewa	219	32 641	39 143	1	(D)	213	26 267	26 421	–	–
Clare	72	2 833	4 540	–	–	30	1 853	2 324	–	–
Clinton	48	1 262	2 376	–	–	31	755	1 603	–	–
Crawford	6	(D)	(D)	–	–	1	(D)	(D)	–	–
Delta	67	4 356	6 023	–	–	35	2 167	2 638	1	(D)
Dickinson	25	850	1 341	–	–	19	826	1 093	–	–
Eaton	85	2 141	4 309	–	–	69	1 087	1 748	–	–
Emmet	19	887	1 332	–	–	26	1 625	1 625	–	–
Genesee	80	2 002	3 673	–	–	55	994	2 029	–	–
Gladwin	85	3 110	4 614	–	–	56	1 696	2 294	–	–
Gogebic	18	640	747	–	–	22	814	984	–	–
Grand Traverse	13	481	837	–	–	20	717	1 203	–	–
Gratiot	26	670	992	–	–	11	139	360	–	–
Hillsdale	62	1 621	3 659	–	–	41	634	994	–	–

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)—Con.										
Counties—Con.										
Houghton	50	2 966	3 882	–	–	53	2 876	2 949	–	–
Huron	36	1 000	2 457	–	–	28	606	1 398	–	–
Ingham	65	1 128	2 513	–	–	37	779	1 301	–	–
Ionia	66	1 275	2 141	–	–	54	1 143	4 064	–	–
Iosco	44	2 097	3 300	–	–	35	2 154	2 435	–	–
Iron	44	4 229	6 793	–	–	43	3 175	3 554	–	–
Isabella	81	2 161	3 283	–	–	45	1 243	1 317	–	–
Jackson	67	1 411	2 289	–	–	42	699	1 372	–	–
Kalamazoo	43	1 010	1 966	–	–	40	735	787	–	–
Kalkaska	8	(D)	(D)	–	–	4	(D)	(D)	–	–
Kent	78	2 009	3 448	–	–	63	1 730	2 731	1	(D)
Keweenaw	1	(D)	(D)	–	–	1	(D)	(D)	–	–
Lake	32	1 838	2 519	–	–	20	1 344	661	–	–
Lapeer	119	3 450	6 582	2	(D)	74	1 532	2 640	–	–
Leelanau	10	232	349	–	–	16	275	182	–	–
Lenawee	34	586	1 163	–	–	28	583	1 159	–	–
Livingston	53	1 352	2 416	2	(D)	40	1 125	1 473	1	(D)
Luce	6	726	969	–	–	6	440	542	–	–
Mackinac	26	2 821	3 315	–	–	28	2 925	3 661	–	–
Macomb	34	889	1 719	–	–	28	520	791	–	–
Manistee	32	754	915	2	(D)	25	608	500	–	–
Marquette	35	2 360	4 050	–	–	35	2 145	2 439	–	–
Mason	47	1 615	2 985	–	–	41	1 631	2 600	–	–
Mecosta	71	2 682	4 501	–	–	56	3 060	4 524	–	–
Menominee	52	3 094	4 571	–	–	42	2 963	3 347	–	–
Midland	36	1 120	1 168	2	(D)	48	1 392	1 563	–	–
Missaukee	43	2 928	5 662	1	(D)	40	1 918	3 137	–	–
Monroe	24	310	518	–	–	22	250	400	–	–
Montcalm	65	1 945	4 078	2	(D)	64	1 344	2 150	–	–
Montmorency	15	469	706	–	–	13	446	501	–	–
Muskegon	59	1 450	2 797	–	–	44	1 230	1 485	1	(D)
Newaygo	90	3 091	5 530	–	–	73	2 246	2 751	–	–
Oakland	46	1 697	2 541	–	–	27	905	1 589	1	(D)
Oceana	29	922	1 911	2	(D)	38	1 220	2 130	–	–
Ogemaw	38	2 240	3 351	–	–	38	1 699	2 968	2	(D)
Ontonagon	66	7 878	15 091	–	–	65	5 817	7 270	–	–
Osceola	100	6 520	10 210	–	–	67	3 466	4 292	–	–
Oscoda	14	294	341	–	–	6	197	200	–	–
Otsego	14	368	390	–	–	5	190	160	–	–
Ottawa	160	3 812	7 984	3	30	150	3 214	5 505	3	50
Presque Isle	46	1 832	2 799	–	–	35	1 043	1 507	–	–
Roscommon	7	632	504	–	–	8	467	348	1	(D)
Saginaw	39	570	1 018	–	–	37	498	1 009	–	–
St. Clair	192	6 338	12 562	2	(D)	134	4 239	6 696	1	(D)
St. Joseph	46	761	1 280	1	(D)	20	605	1 510	–	–
Sanilac	143	4 351	10 573	–	–	86	1 926	4 341	–	–
Schoolcraft	13	901	1 656	–	–	15	1 066	1 677	–	–
Shiawassee	49	1 029	2 240	–	–	30	742	1 634	–	–
Tuscola	66	1 549	2 973	–	–	48	948	1 065	–	–
Van Buren	60	1 614	3 511	–	–	41	1 432	2 787	–	–
Washtenaw	94	2 029	4 464	1	(D)	78	2 074	4 597	–	–
Wayne	23	863	1 110	–	–	6	(D)	(D)	–	–
Wexford	22	668	638	–	–	16	826	652	–	–
WILD HAY (TONS, DRY)										
State Total										
Michigan	1 409	38 831	44 821	1	(D)	899	22 257	23 428	2	(D)
Counties										
Alcona	10	381	303	–	–	6	190	167	–	–
Allegan	38	522	742	–	–	30	483	521	–	–
Alpena	17	612	478	–	–	11	266	149	–	–
Antrim	10	187	145	–	–	8	125	77	–	–
Arenac	10	365	586	–	–	6	131	157	–	–
Baraga	5	(D)	(D)	–	–	3	52	22	–	–
Barry	41	847	786	–	–	30	619	748	–	–
Bay	20	376	302	–	–	7	117	170	–	–
Benzie	4	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Berrien	12	198	320	–	–	12	138	229	–	–
Branch	11	77	169	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Calhoun	29	392	590	–	–	18	308	234	–	–
Cass	21	389	363	–	–	9	94	175	–	–
Charlevoix	15	(D)	(D)	–	–	11	292	218	–	–
Cheboygan	14	485	675	–	–	10	376	320	–	–
Chippewa	28	2 382	1 968	–	–	11	418	530	–	–
Clare	13	483	750	–	–	13	587	264	–	–
Clinton	10	100	294	–	–	12	153	113	–	–
Delta	27	1 811	1 908	–	–	15	625	485	–	–
Dickinson	7	163	121	–	–	(NA)	(NA)	(NA)	(NA)	(NA)

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
WILD HAY (TONS, DRY)—Con.										
Counties—Con.										
Eaton	14	443	558	–	–	16	165	226	–	–
Emmet	10	337	320	–	–	13	288	289	–	–
Genesee	41	547	833	–	–	14	187	242	–	–
Gladwin	20	954	1 233	–	–	24	708	769	–	–
Gogebic	7	176	221	–	–	6	(D)	(D)	–	–
Grand Traverse	5	84	104	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Gratiot	13	375	393	–	–	3	33	37	–	–
Hillsdale	15	353	465	–	–	14	187	254	–	–
Houghton	11	182	135	1	(D)	4	125	70	–	–
Huron	11	140	185	–	–	6	82	136	–	–
Ingham	25	398	699	–	–	9	78	117	–	–
Ionia	36	1 099	918	–	–	20	247	266	–	–
Iosco	21	911	1 269	–	–	12	473	652	–	–
Iron	11	789	643	–	–	8	526	313	–	–
Isabella	24	917	1 077	–	–	18	531	603	–	–
Jackson	26	624	491	–	–	8	162	242	–	–
Kalamazoo	12	331	683	–	–	12	179	136	–	–
Kent	44	740	1 096	–	–	23	465	976	1	(D)
Lake	12	352	291	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Lapeer	48	1 090	1 523	–	–	13	223	288	–	–
Lenawee	16	155	122	–	–	5	73	55	–	–
Livingston	19	391	540	–	–	13	232	280	1	(D)
Mackinac	6	412	232	–	–	5	288	(D)	–	–
Macomb	17	356	456	–	–	11	203	248	–	–
Manistee	10	308	285	–	–	9	322	298	–	–
Marquette	4	(D)	(D)	–	–	5	188	(D)	–	–
Mason	18	283	318	–	–	4	62	83	–	–
Mecosta	37	1 161	1 053	–	–	17	392	890	–	–
Menominee	16	395	604	–	–	13	653	572	–	–
Midland	22	1 034	1 139	–	–	19	388	332	–	–
Missaukee	15	1 295	1 275	–	–	7	235	146	–	–
Monroe	6	38	46	–	–	4	22	29	–	–
Montcalm	26	517	643	–	–	12	264	402	–	–
Montmorency	4	104	104	–	–	7	102	90	–	–
Muskegon	17	340	664	–	–	18	632	418	–	–
Newaygo	19	420	635	–	–	19	739	993	–	–
Oakland	19	587	(D)	–	–	11	(D)	(D)	–	–
Oceana	11	193	315	–	–	16	431	318	–	–
Ogemaw	20	846	676	–	–	10	159	116	–	–
Ontonagon	10	355	770	–	–	7	221	172	–	–
Osceola	39	1 241	1 119	–	–	25	893	578	–	–
Oscoda	6	202	(D)	–	–	4	275	70	–	–
Otsego	7	398	345	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Ottawa	35	597	917	–	–	35	579	1 033	–	–
Presque Isle	11	259	287	–	–	10	207	167	–	–
Roscommon	4	(D)	(D)	–	–	4	(D)	(D)	–	–
Saginaw	12	237	442	–	–	9	262	175	–	–
St. Clair	54	1 368	1 883	–	–	46	1 059	1 800	–	–
St. Joseph	7	206	242	–	–	3	(D)	(D)	–	–
Sanilac	28	763	809	–	–	13	305	506	–	–
Shiawassee	25	397	609	–	–	12	211	140	–	–
Tuscola	38	678	934	–	–	12	158	243	–	–
Van Buren	37	736	996	–	–	21	288	181	–	–
Washtenaw	18	407	495	–	–	15	189	216	–	–
Wayne	9	(D)	(D)	–	–	9	138	189	–	–
Wexford	10	399	380	–	–	8	(D)	(D)	–	–
All other counties	9	296	232	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)										
State Total										
Michigan	2 705	240 138	1 440 595	42	3 133	2 667	218 274	1 172 346	52	3 108
Counties										
Alcona	10	1 237	4 584	–	–	9	877	6 003	–	–
Alger	10	1 757	5 073	–	–	5	680	3 254	1	(D)
Allegan	112	11 071	72 051	1	(D)	119	8 572	54 065	2	(D)
Alpena	31	4 103	17 124	–	–	16	3 180	11 823	–	–
Antrim	16	1 586	5 877	–	–	10	916	4 198	1	(D)
Arenac	22	2 638	13 036	–	–	17	1 855	8 769	–	–
Baraga	8	689	1 255	–	–	4	170	287	–	–
Barry	38	5 188	47 406	2	(D)	48	3 879	26 592	4	220
Bay	13	1 328	6 922	–	–	14	736	7 214	1	(D)
Benzie	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Berrien	8	783	5 454	–	–	10	704	4 789	1	(D)
Branch	31	1 978	16 539	–	–	24	1 976	14 591	4	221
Calhoun	37	2 439	17 889	–	–	47	3 231	21 656	–	–
Cass	14	512	2 954	–	–	17	706	5 696	1	(D)
Charlevoix	9	1 321	6 610	–	–	7	1 116	6 456	–	–
Cheboygan	9	1 247	5 332	–	–	7	1 357	5 074	–	–
Chippewa	38	4 959	10 050	–	–	28	3 822	9 180	–	–
Clare	28	3 009	25 024	–	–	31	2 998	7 087	–	–
Clinton	76	8 574	74 937	1	(D)	82	7 809	68 783	2	(D)
Delta	38	2 912	9 405	–	–	30	2 069	5 973	–	–

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)—Con.										
Counties—Con.										
Dickinson	12	1 192	5 880	–	–	9	998	2 902	–	–
Eaton	34	1 597	10 717	–	–	29	1 554	8 741	–	–
Emmet	19	1 821	6 348	–	–	14	1 321	3 325	–	–
Genesee	26	1 223	5 831	–	–	23	1 401	7 991	–	–
Gladwin	18	831	2 877	–	–	13	851	2 493	–	–
Grand Traverse	11	628	2 316	1	(D)	11	678	2 792	–	–
Gratiot	43	4 162	34 616	–	–	45	4 417	30 903	–	–
Hillsdale	51	3 806	27 506	–	–	52	3 551	23 532	–	–
Houghton	10	1 715	4 730	–	–	8	775	2 040	–	–
Huron	95	7 104	46 094	1	(D)	116	6 468	43 602	–	–
Ingham	45	3 115	19 593	–	–	60	4 115	28 401	–	–
Ionia	74	7 567	48 209	3	(D)	76	6 414	39 465	1	(D)
Iosco	27	1 670	8 951	–	–	18	1 656	4 770	–	–
Isabella	74	7 236	44 521	1	(D)	59	4 858	24 634	2	(D)
Jackson	44	2 357	14 036	–	–	41	3 446	22 340	–	–
Kalamazoo	13	1 664	8 867	–	–	19	1 538	8 820	1	(D)
Kent	69	7 625	61 698	1	(D)	73	6 589	41 362	4	(D)
Lake	7	430	2 550	–	–	7	171	761	–	–
Lapeer	82	4 943	31 263	–	–	86	6 191	37 450	1	(D)
Leelanau	13	1 200	5 967	–	–	14	1 419	5 802	–	–
Lenawee	43	3 376	24 111	–	–	39	3 208	23 407	–	–
Livingston	39	2 510	18 054	–	–	59	3 729	16 622	1	(D)
Mackinac	8	2 101	4 732	–	–	9	2 263	6 403	–	–
Macomb	9	374	1 812	–	–	14	502	4 876	–	–
Manistee	12	263	804	–	–	9	207	373	–	–
Marquette	9	1 388	5 162	–	–	6	475	3 175	–	–
Mason	28	2 607	16 482	1	(D)	27	1 486	6 962	–	–
Mecosta	57	3 948	22 266	2	(D)	62	4 996	20 057	2	(D)
Menominee	78	8 937	37 889	2	(D)	82	10 047	32 386	–	–
Midland	11	346	1 421	–	–	9	243	921	–	–
Missaukee	80	12 106	69 398	6	530	75	13 572	45 234	6	424
Monroe	10	393	2 642	–	–	5	51	381	–	–
Montcalm	88	6 546	40 546	4	(D)	76	4 528	31 713	2	(D)
Montmorency	7	848	5 177	1	(D)	8	588	2 225	–	–
Muskegon	37	4 638	36 379	1	(D)	29	2 223	10 038	2	(D)
Newaygo	79	7 824	45 127	1	(D)	78	6 572	25 889	1	(D)
Oakland	11	593	2 632	–	–	9	211	537	–	–
Oceana	34	2 624	17 710	2	(D)	31	2 783	16 530	–	–
Ogemaw	48	5 342	26 812	–	–	44	5 282	27 178	–	–
Ontonagon	10	1 871	7 508	–	–	8	2 041	5 910	–	–
Osceola	51	6 540	29 940	2	(D)	44	5 733	21 845	3	330
Oscoda	12	738	2 463	–	–	13	557	1 755	–	–
Otsego	14	815	2 618	–	–	11	1 165	3 181	–	–
Ottawa	104	9 692	62 808	2	(D)	113	7 633	49 748	4	137
Presque Isle	21	2 157	10 020	–	–	19	1 606	6 256	–	–
Saginaw	34	1 432	12 882	1	(D)	24	918	9 060	–	–
St. Clair	41	1 523	6 236	–	–	53	2 085	10 488	–	–
St. Joseph	23	1 347	7 004	3	(D)	22	888	5 054	1	(D)
Sanilac	183	13 940	92 045	–	–	178	13 093	85 080	1	(D)
Schoolcraft	4	265	1 223	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Shiawassee	34	2 912	14 840	–	–	54	3 464	22 051	–	–
Tuscola	81	5 868	36 931	1	(D)	64	4 705	31 974	–	–
Van Buren	21	909	9 474	1	(D)	16	855	3 000	–	–
Washtenaw	48	2 712	19 947	1	(D)	51	2 911	20 348	–	–
Wexford	12	960	3 850	–	–	10	1 029	2 750	–	–
All other counties	6	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)										
State Total										
Michigan	4 817	279 786	4 001 045	94	6 165	6 031	304 478	3 704 783	97	5 060
Counties										
Alcona	10	372	5 307	–	–	16	644	4 800	–	–
Alger	7	275	3 040	–	–	4	82	624	–	–
Allegan	176	13 374	190 080	1	(D)	220	11 089	167 952	5	363
Alpena	55	2 147	28 975	–	–	66	2 676	23 344	–	–
Antrim	36	1 670	14 181	1	(D)	38	2 320	25 794	1	(D)
Arenac	35	1 944	29 273	–	–	34	1 405	11 650	–	–
Barry	74	10 090	164 150	6	1 061	98	6 057	85 588	4	334
Bay	21	971	14 657	–	–	32	1 427	24 916	–	–
Benzie	11	359	3 221	–	–	19	782	5 384	–	–
Berrien	17	842	11 660	–	–	31	1 148	15 144	–	–
Branch	82	3 332	55 428	5	318	86	4 897	89 881	7	238
Calhoun	92	4 575	66 961	1	(D)	104	3 788	57 479	1	(D)
Cass	29	1 629	21 628	2	(D)	35	1 319	20 636	3	210
Charlevoix	19	646	7 150	–	–	40	1 269	12 253	–	–
Cheboygan	21	1 310	16 124	–	–	30	1 668	13 433	–	–
Clare	60	2 281	28 929	–	–	67	2 403	18 383	–	–
Clinton	129	14 005	234 868	2	(D)	175	9 971	152 687	2	(D)
Delta	38	1 245	13 080	1	(D)	40	2 147	14 860	–	–
Dickinson	22	927	13 632	–	–	19	563	3 507	–	–
Eaton	80	3 429	50 776	–	–	113	2 807	36 422	1	(D)

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Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)—Con.										
Counties—Con.										
Emmet	43	1 773	15 073	1	(D)	46	1 519	11 823	1	(D)
Genesee	34	1 714	18 803	2	(D)	48	2 813	35 860	1	(D)
Gladwin	72	1 067	10 059	–	–	71	1 338	11 338	–	–
Grand Traverse	40	1 710	17 026	1	(D)	58	2 038	16 138	1	(D)
Gratiot	89	5 686	99 894	2	(D)	101	5 263	78 882	–	–
Hillsdale	103	5 465	82 973	1	(D)	143	6 901	106 449	5	257
Houghton	5	125	1 134	–	–	8	247	1 540	–	–
Huron	245	16 031	268 577	3	(D)	349	24 719	366 848	1	(D)
Ingham	95	5 682	81 703	–	–	113	5 345	74 389	–	–
Ionia	159	10 286	154 300	1	(D)	178	8 130	100 691	1	(D)
Iosco	42	1 813	22 250	2	(D)	51	1 959	18 522	–	–
Iron	4	76	1 140	–	–	3	37	335	–	–
Isabella	153	10 403	149 909	–	–	174	9 408	88 404	–	–
Jackson	80	5 398	77 831	–	–	109	5 711	86 522	2	(D)
Kalamazoo	35	3 925	47 554	3	188	46	3 834	52 911	4	227
Kalkaska	12	431	3 675	–	–	9	267	2 034	1	(D)
Kent	113	10 659	173 817	1	(D)	170	9 061	117 247	2	(D)
Lake	12	432	6 364	–	–	22	642	3 727	–	–
Lapeer	109	6 475	83 141	1	(D)	127	7 183	92 808	–	–
Leelanau	26	951	9 339	–	–	41	1 804	12 394	–	–
Lenawee	76	6 134	98 758	–	–	91	5 772	100 520	1	(D)
Livingston	50	2 848	33 242	–	–	86	4 085	47 706	–	–
Mackinac	3	(D)	(D)	–	–	6	502	3 076	–	–
Macomb	26	1 028	10 782	–	–	28	1 852	18 880	–	–
Manistee	21	361	3 054	–	–	38	885	6 389	–	–
Marquette	9	693	9 662	–	–	8	695	6 471	–	–
Mason	62	2 700	39 819	3	130	62	3 426	31 940	1	(D)
Mecosta	123	4 134	48 601	7	363	142	4 820	37 808	4	205
Menominee	98	6 931	88 375	–	–	121	9 064	71 456	–	–
Midland	30	897	13 505	1	(D)	26	865	9 344	1	(D)
Missaukee	105	9 187	116 446	11	915	126	11 461	103 827	10	615
Monroe	34	1 123	19 670	–	–	40	1 489	27 192	–	–
Montcalm	132	5 500	78 528	12	746	166	8 194	89 845	11	610
Montmorency	7	374	4 417	1	(D)	17	975	6 588	–	–
Muskegon	71	4 605	58 290	1	(D)	73	4 042	33 460	1	(D)
Newaygo	143	7 064	95 087	1	(D)	174	9 535	80 787	2	(D)
Oakland	8	264	2 330	–	–	16	627	5 642	–	–
Oceana	75	3 403	39 099	–	–	84	4 581	43 979	2	(D)
Ogemaw	69	5 529	80 361	–	–	84	7 038	82 004	–	–
Osceola	91	4 527	56 343	4	282	114	7 474	60 163	6	500
Oscoda	22	661	5 389	–	–	32	828	7 173	–	–
Otsego	19	516	4 966	–	–	24	699	5 509	–	–
Ottawa	175	11 475	154 722	5	172	254	13 343	155 418	5	193
Presque Isle	38	1 553	18 895	–	–	68	2 647	25 492	–	–
Roscommon	3	66	1 000	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Saginaw	64	2 793	48 073	1	(D)	76	2 333	43 962	–	–
St. Clair	69	2 105	21 735	–	–	90	3 520	36 464	–	–
St. Joseph	53	1 830	29 180	3	(D)	69	1 813	29 652	6	292
Sanilac	332	19 786	288 635	1	(D)	363	19 716	248 594	–	–
Shiawassee	72	3 856	53 661	1	(D)	115	5 024	69 680	1	(D)
Tuscola	107	5 185	80 809	2	(D)	117	3 689	57 141	1	(D)
Van Buren	32	1 535	22 802	1	(D)	29	1 136	15 908	2	(D)
Washtenaw	79	4 352	64 721	2	(D)	114	4 217	68 316	–	–
Wayne	4	(D)	805	–	–	3	(D)	(D)	–	–
Wexford	27	903	9 186	–	–	25	1 050	7 502	–	–
All other counties	3	55	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
SORGHUM FOR SILAGE OR GREEN CHOP (TONS, GREEN)										
State Total										
Michigan	111	2 587	24 900	6	283	158	3 072	24 248	4	31
Counties										
Allegan	3	25	105	–	–	6	113	1 253	–	–
Alpena	4	114	958	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Genesee	3	24	72	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Hillsdale	4	122	1 097	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Huron	3	(D)	(D)	–	–	10	251	2 618	1	(D)
Ingham	4	135	1 445	1	(D)	3	58	(D)	–	–
Lapeer	11	155	1 543	–	–	3	45	(D)	–	–
Lenawee	3	(D)	(D)	1	(D)	–	–	–	–	–
Mecosta	3	90	(D)	–	–	10	156	892	–	–
Missaukee	7	207	1 583	–	–	16	267	1 628	1	(D)
Montcalm	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Osceola	3	46	195	–	–	5	182	1 010	–	–
Ottawa	4	30	360	–	–	9	195	3 456	–	–
Presque Isle	4	76	635	–	–	–	–	–	–	–
Sanilac	4	88	1 195	–	–	6	79	740	–	–
Tuscola	4	57	540	–	–	–	–	–	–	–
All other counties	44	1 108	10 454	4	184	(NA)	(NA)	(NA)	(NA)	(NA)

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)								
State Total								
Michigan	2 498	125 780	833	58 509	3 007	136 993	873	59 409
Counties								
Alcona	5	24	–	–	7	45	2	(D)
Alger	5	7	1	(D)	4	44	1	(D)
Allegan	86	6 519	50	4 468	102	6 654	51	4 216
Alpena	18	131	1	(D)	14	368	1	(D)
Antrim	20	175	10	37	14	123	4	45
Arenac	27	1 856	3	(D)	36	2 027	1	(D)
Barry	19	127	6	20	32	354	6	15
Bay	67	2 508	18	739	89	3 907	21	975
Benzie	6	82	2	(D)	8	244	2	(D)
Berrien	185	5 837	98	3 248	245	6 316	110	3 080
Branch	30	1 305	18	1 138	27	1 079	19	974
Calhoun	24	446	8	177	29	906	4	(D)
Cass	38	1 183	22	904	62	3 552	28	2 969
Charlevoix	7	111	1	(D)	10	477	3	5
Cheboygan	9	24	–	–	10	103	1	(D)
Clare	3	20	–	–	(NA)	(NA)	(NA)	(NA)
Clinton	32	581	12	234	24	655	10	214
Crawford	3	23	–	–	3	21	–	–
Delta	13	76	5	32	15	112	5	35
Dickinson	4	(D)	1	(D)	6	37	–	–
Eaton	30	727	5	96	32	1 041	3	19
Emmet	17	197	9	41	15	210	5	61
Genesee	53	632	9	65	50	799	7	(D)
Gladwin	14	91	6	19	13	145	3	5
Grand Traverse	40	1 538	9	158	37	2 075	11	62
Gratiot	37	4 524	8	362	63	4 696	12	440
Hillsdale	15	81	5	36	16	81	3	(D)
Houghton	14	48	8	27	8	29	4	11
Huron	10	35	4	11	12	55	–	–
Ingham	24	458	7	298	29	1 150	5	(D)
Ionia	18	512	3	96	37	551	8	112
Iosco	4	18	1	(D)	13	96	1	(D)
Iron	3	12	–	–	–	–	–	–
Isabella	14	1 928	4	259	14	343	4	(D)
Jackson	39	1 089	14	266	35	1 209	7	509
Kalamazoo	49	1 720	22	1 225	65	4 406	35	3 353
Kalkaska	9	691	4	680	6	860	2	(D)
Kent	80	3 746	31	1 759	114	4 136	52	2 835
Lapeer	53	2 934	14	1 216	56	3 428	23	841
Leelanau	18	274	10	49	18	159	7	54
Lenawee	42	4 134	11	860	74	4 259	6	239
Livingston	37	1 360	13	(D)	41	1 401	15	(D)
Mackinac	4	20	–	–	5	38	1	(D)
Macomb	83	3 521	16	774	108	3 799	22	1 224
Manistee	25	939	14	651	37	1 645	19	792
Marquette	4	18	–	–	6	14	1	(D)
Mason	81	5 469	11	654	85	4 783	16	1 287
Mecosta	33	1 636	14	1 083	26	1 268	8	607
Menominee	13	40	–	–	9	25	1	(D)
Midland	17	178	2	(D)	15	663	1	(D)
Missaukee	5	25	2	(D)	(NA)	(NA)	(NA)	(NA)
Monroe	72	2 966	21	1 468	101	3 711	14	331
Montcalm	48	5 241	24	4 929	44	3 967	29	3 457
Montmorency	5	11	–	–	3	12	1	(D)
Muskegon	44	3 098	13	1 371	41	3 198	12	2 012
Newaygo	46	4 989	23	2 593	48	5 089	25	3 864
Oakland	21	501	8	104	31	605	14	109
Oceana	191	14 579	20	1 962	252	16 452	31	2 601
Oscoda	6	14	1	(D)	(NA)	(NA)	(NA)	(NA)
Otsego	4	(D)	2	(D)	3	37	–	–
Ottawa	103	3 347	45	1 796	126	3 726	49	1 670
Presque Isle	10	88	1	(D)	11	33	1	(D)
Saginaw	44	3 126	6	87	50	1 778	6	108
St. Clair	43	821	3	(D)	58	820	6	69
St. Joseph	68	9 195	60	8 524	65	7 377	46	5 665
Sanilac	28	1 239	6	(D)	17	403	4	217
Schoolcraft	4	18	1	(D)	3	6	1	(D)
Shiawassee	22	84	5	8	19	88	3	(D)
Tuscola	36	2 474	9	1 045	41	1 594	4	(D)
Van Buren	104	11 127	35	8 934	158	13 703	39	9 695
Washtenaw	56	2 214	26	2 008	61	1 912	23	1 567
Wayne	38	883	5	22	64	1 189	5	16
Wexford	6	15	3	6	7	783	3	(D)
All other counties	13	56	4	3	(NA)	(NA)	(NA)	(NA)
VEGETABLES HARVESTED (SEE TEXT)								
State Total								
Michigan	2 498	128 349	833	59 247	3 007	138 851	873	60 624

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
VEGETABLES HARVESTED (SEE TEXT)—Con.								
Counties								
Alcona	5	24	–	–	7	44	2	(D)
Alger	5	7	1	(D)	4	44	1	(D)
Allegan	86	6 982	50	4 470	102	6 668	51	4 216
Alpena	18	133	1	(D)	14	368	1	(D)
Antrim	20	174	10	37	14	122	4	45
Arenac	27	1 857	3	(D)	36	2 027	1	(D)
Barry	19	128	6	20	32	354	6	15
Bay	67	2 559	18	739	89	3 905	21	975
Benzie	6	82	2	(D)	8	244	2	(D)
Berrien	185	5 903	98	3 262	245	6 420	110	3 127
Branch	30	1 305	18	1 137	27	1 078	19	974
Calhoun	24	447	8	177	29	907	4	(D)
Cass	38	1 222	22	943	62	3 619	28	3 038
Charlevoix	7	111	1	(D)	10	476	3	5
Cheboygan	9	25	–	–	10	103	1	(D)
Clare	3	19	–	–	(NA)	(NA)	(NA)	(NA)
Clinton	32	582	12	235	24	667	10	214
Crawford	3	23	–	–	3	21	–	–
Delta	13	78	5	32	15	121	5	35
Dickinson	4	(D)	1	(D)	6	37	–	–
Eaton	30	727	5	96	32	1 062	3	19
Emmet	17	197	9	41	15	211	5	61
Genesee	53	631	9	65	50	800	7	(D)
Gladwin	14	96	6	19	13	149	3	6
Grand Traverse	40	1 537	9	158	37	2 075	11	62
Gratiot	37	4 522	8	361	63	4 755	12	440
Hillsdale	15	85	5	40	16	81	3	(D)
Houghton	14	46	8	26	8	31	4	14
Huron	10	35	4	11	12	55	–	–
Ingham	24	457	7	298	29	1 166	5	(D)
Ionia	18	527	3	96	37	550	8	112
Iosco	4	17	1	(D)	13	95	1	(D)
Iron	3	12	–	–	–	–	–	–
Isabella	14	1 941	4	289	14	343	4	(D)
Jackson	39	1 086	14	265	35	1 216	7	508
Kalamazoo	49	1 728	22	1 225	65	4 453	35	3 398
Kalkaska	9	691	4	680	6	860	2	(D)
Kent	80	3 747	31	1 567	114	4 507	52	3 054
Lapeer	53	3 041	14	1 263	56	3 446	23	841
Leelanau	18	273	10	48	18	160	7	55
Lenawee	42	4 135	11	860	74	4 261	6	239
Livingston	37	1 569	13	(D)	41	2 133	15	(D)
Mackinac	4	23	–	–	5	38	1	(D)
Macomb	83	3 524	16	774	108	3 819	22	1 227
Manistee	25	945	14	658	37	1 648	19	792
Marquette	4	18	–	–	6	14	1	(D)
Mason	81	5 470	11	654	85	4 786	16	1 290
Mecosta	33	1 637	14	1 083	26	1 268	8	607
Menominee	13	40	–	–	9	30	1	(D)
Midland	17	178	2	(D)	15	666	1	(D)
Missaukee	5	25	2	(D)	(NA)	(NA)	(NA)	(NA)
Monroe	72	2 964	21	1 468	101	3 718	14	330
Montcalm	48	5 240	24	4 929	44	3 968	29	3 457
Montmorency	5	11	–	–	3	12	1	(D)
Muskegon	44	3 098	13	1 371	41	3 213	12	2 012
Newaygo	46	4 988	23	2 593	48	5 101	25	3 873
Oakland	21	503	8	107	31	616	14	110
Oceana	191	14 607	20	1 962	252	16 468	31	2 601
Oscoda	6	14	1	(D)	(NA)	(NA)	(NA)	(NA)
Otsego	4	(D)	2	(D)	3	37	–	–
Ottawa	103	3 362	45	1 800	126	3 752	49	1 692
Presque Isle	10	89	1	(D)	11	32	1	(D)
Saginaw	44	3 125	6	87	50	1 804	6	130
St. Clair	43	827	3	(D)	58	862	6	69
St. Joseph	68	9 763	60	9 083	65	7 376	46	5 665
Sanilac	28	1 238	6	(D)	17	418	4	217
Schoolcraft	4	18	1	(D)	3	6	1	(D)
Shiawassee	22	87	5	12	19	92	3	(D)
Tuscola	36	2 474	9	1 045	41	1 594	4	(D)
Van Buren	104	12 069	35	8 934	158	13 734	39	9 695
Washtenaw	56	2 229	26	2 026	61	2 015	23	1 611
Wayne	38	887	5	22	64	1 222	5	16
Wexford	6	15	3	6	7	783	3	(D)
All other counties	13	56	4	3	(NA)	(NA)	(NA)	(NA)
ASPARAGUS								
State Total								
Michigan	541	17 675	59	366	738	21 216	70	886

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
ASPARAGUS—Con.								
Counties								
Allegan	14	121	5	23	17	266	2	(D)
Barry	6	25	2	(D)	5	11	1	(D)
Benzie	3	(D)	–	–	4	215	–	–
Berrien	24	393	3	(D)	51	641	5	18
Branch	4	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Calhoun	3	(D)	–	–	3	11	–	–
Cass	6	211	3	(D)	8	479	2	(D)
Charlevoix	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Clinton	7	28	1	(D)	6	26	1	(D)
Genesee	4	11	–	–	6	8	2	(D)
Gladwin	3	5	2	(D)	3	1	1	(D)
Grand Traverse	4	79	–	–	4	76	2	(D)
Ingham	3	(D)	–	–	5	2	–	–
Jackson	7	(D)	4	1	7	103	1	(D)
Kalamazoo	4	63	–	–	7	70	–	–
Kent	12	124	2	(D)	18	139	2	(D)
Lenawee	5	10	1	(D)	5	5	1	(D)
Macomb	7	10	1	(D)	6	15	–	–
Manistee	17	367	4	117	25	812	3	41
Mason	58	3 090	3	(D)	66	2 155	8	316
Mecosta	9	417	1	(D)	13	613	–	–
Midland	4	4	1	(D)	–	–	–	–
Monroe	5	7	–	–	7	22	–	–
Montcalm	3	7	–	–	(NA)	(NA)	(NA)	(NA)
Muskegon	14	298	1	(D)	13	231	1	(D)
Newaygo	6	104	–	–	8	171	1	(D)
Oakland	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Oceana	174	10 028	2	(D)	231	11 594	8	189
Ottawa	24	325	6	17	20	452	4	(D)
Saginaw	6	7	4	6	6	(D)	1	(D)
St. Joseph	5	156	2	(D)	6	274	1	(D)
Sanilac	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Van Buren	40	1 435	–	–	94	2 274	5	(D)
Washtenaw	11	46	2	(D)	11	20	2	(D)
All other counties	40	177	5	5	(NA)	(NA)	(NA)	(NA)
GREEN LIMA BEANS								
State Total								
Michigan	20	(D)	9	(D)	29	38	7	17
Counties								
Berrien	6	2	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	14	(D)	7	137	(NA)	(NA)	(NA)	(NA)
SNAP BEANS								
State Total								
Michigan	453	18 553	211	12 622	549	19 515	215	10 871
Counties								
Allegan	5	9	4	(D)	8	7	4	6
Antrim	5	1	2	(D)	3	(D)	2	(D)
Arenac	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Barry	5	2	2	(D)	9	2	2	(D)
Bay	8	5	2	(D)	9	3	2	(D)
Berrien	24	60	14	40	29	124	5	7
Branch	9	422	8	421	4	230	4	230
Calhoun	4	1	1	(D)	4	(D)	–	–
Cass	8	269	6	268	15	1 307	12	1 275
Clinton	3	5	1	(D)	4	2	3	(D)
Delta	3	1	2	(D)	4	2	1	(D)
Eaton	3	1	–	–	3	(Z)	1	(D)
Emmet	6	5	1	(D)	4	4	1	(D)
Genesee	10	104	2	(D)	9	50	2	(D)
Gladwin	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Grand Traverse	14	1 183	3	1	18	1 854	2	(D)
Gratiot	7	460	–	–	6	6	–	–
Hillsdale	5	2	2	(D)	(NA)	(NA)	(NA)	(NA)
Houghton	5	1	4	1	4	1	2	(D)
Ingham	7	2	3	(Z)	10	6	2	(D)
Isabella	4	645	–	–	(NA)	(NA)	(NA)	(NA)
Jackson	14	9	7	5	11	11	2	(D)
Kalamazoo	13	935	9	877	19	1 702	12	1 205
Kalkaska	4	(D)	4	(D)	4	(D)	2	(D)
Kent	15	16	6	8	24	(D)	16	(D)
Lapeer	11	(D)	3	(D)	10	222	–	–
Leelanau	4	1	4	1	(NA)	(NA)	(NA)	(NA)
Lenawee	5	6	1	(D)	5	3	1	(D)
Livingston	3	(D)	1	(D)	7	3	1	(D)
Macomb	24	396	4	(D)	32	646	8	401

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
SNAP BEANS—Con.								
Counties—Con.								
Manistee	4	3	4	3	4	(D)	4	(D)
Mason	22	1 782	6	345	28	2 266	10	779
Mecosta	4	254	1	(D)	4	440	4	440
Monroe	15	96	4	(D)	22	28	2	(D)
Montcalm	13	2 800	11	2 597	14	1 214	13	1 214
Muskegon	6	379	2	(D)	4	281	1	(D)
Newaygo	5	2	4	(Z)	(NA)	(NA)	(NA)	(NA)
Oakland	6	5	3	1	3	(D)	2	(D)
Oceana	11	910	5	290	19	1 050	12	474
Ottawa	17	59	12	22	24	69	11	35
Saginaw	9	14	2	(D)	8	11	1	(D)
St. Clair	10	12	1	(D)	17	43	2	(D)
St. Joseph	38	5 708	38	5 698	38	4 015	31	2 879
Sanilac	5	1	2	(D)	3	1	1	(D)
Tuscola	4	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Van Buren	9	(D)	3	(D)	23	1 188	7	769
Washtenaw	13	23	7	20	21	104	10	37
Wayne	8	24	1	(D)	17	36	1	(D)
All other counties	20	15	6	8	(NA)	(NA)	(NA)	(NA)
BEETS								
State Total								
Michigan	78	210	38	173	114	229	35	115
Counties								
Antrim	5	11	4	(D)	(NA)	(NA)	(NA)	(NA)
Berrien	6	6	4	4	(NA)	(NA)	(NA)	(NA)
Delta	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Ingham	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Jackson	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Lapeer	10	63	3	40	(NA)	(NA)	(NA)	(NA)
Macomb	8	8	3	(D)	(NA)	(NA)	(NA)	(NA)
Manistee	3	1	3	1	(NA)	(NA)	(NA)	(NA)
Ottawa	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Washtenaw	3	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	31	98	11	92	(NA)	(NA)	(NA)	(NA)
BROCCOLI								
State Total								
Michigan	123	217	62	123	160	289	60	132
Counties								
Allegan	3	5	2	(D)	6	19	2	(D)
Berrien	13	13	9	9	20	35	11	23
Ingham	5	2	2	(D)	–	–	–	–
Kent	5	1	4	1	4	3	2	(D)
Lapeer	3	1	2	(D)	6	5	1	(D)
Macomb	15	70	3	(D)	20	34	7	8
Oakland	3	(D)	3	(D)	4	(D)	4	(D)
Oceana	5	(D)	1	(D)	3	(D)	1	(D)
Ottawa	6	10	3	2	11	8	4	3
Saginaw	5	2	2	(D)	6	3	1	(D)
St. Clair	6	9	1	(D)	7	12	–	–
Washtenaw	8	3	7	3	6	5	6	5
Wayne	5	3	–	–	10	4	1	(D)
All other counties	41	30	23	20	(NA)	(NA)	(NA)	(NA)
CHINESE CABBAGE								
State Total								
Michigan	3	(D)	1	(D)	8	83	6	70
HEAD CABBAGE								
State Total								
Michigan	244	2 008	86	1 183	334	2 523	119	1 181

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
HEAD CABBAGE—Con.								
Counties								
Allegan	6	11	2	(D)	4	13	3	(D)
Alpena	3	(D)	1	(D)	–	–	–	–
Barry	4	1	1	(D)	3	(Z)	–	–
Bay	16	136	7	53	13	130	9	101
Berrien	12	(D)	7	(D)	20	206	12	193
Cass	3	(D)	3	(D)	7	36	4	33
Delta	8	41	4	(D)	7	31	4	(D)
Emmet	3	(D)	1	(D)	3	7	–	–
Genesee	4	17	1	(D)	5	12	2	(D)
Gratiot	4	(D)	–	–	4	26	–	–
Houghton	3	(D)	3	(D)	4	1	2	(D)
Huron	3	(D)	3	(D)	–	–	–	–
Ingham	5	5	1	(D)	6	(D)	1	(D)
Jackson	3	(D)	–	–	4	3	–	–
Kent	10	(D)	6	(D)	18	242	12	208
Lapeer	7	52	1	(D)	13	57	5	21
Lenawee	3	(D)	1	(D)	8	112	2	(D)
Macomb	31	301	7	143	37	333	12	233
Midland	4	1	–	–	4	(D)	–	–
Monroe	14	173	4	102	28	246	5	50
Oakland	3	(Z)	1	(D)	4	(D)	2	(D)
Oceana	6	130	1	(D)	7	179	1	(D)
Ottawa	12	(D)	4	(D)	14	260	7	(D)
Saginaw	8	6	2	(D)	9	(D)	1	(D)
St. Clair	9	57	1	(D)	15	122	1	(D)
Sanilac	5	3	3	(D)	(NA)	(NA)	(NA)	(NA)
Tuscola	3	(D)	1	(D)	–	–	–	–
Washtenaw	6	15	5	14	9	25	8	24
Wayne	6	13	–	–	9	33	–	–
All other counties	40	304	15	231	(NA)	(NA)	(NA)	(NA)
CANTALOUPS								
State Total								
Michigan	258	954	123	427	317	1 116	115	555
Counties								
Allegan	9	11	5	5	10	22	6	17
Arenac	3	(D)	–	–	6	7	–	–
Bay	27	131	12	70	41	379	15	218
Berrien	27	80	17	55	39	115	21	69
Branch	7	23	4	21	4	7	3	7
Cass	3	9	3	9	(NA)	(NA)	(NA)	(NA)
Clinton	5	8	4	8	6	8	4	7
Genesee	4	21	1	(D)	5	19	2	(D)
Gladwin	3	7	2	(D)	3	(D)	–	–
Hillsdale	3	(D)	2	(D)	3	(D)	1	(D)
Ionia	3	8	2	(D)	4	(D)	3	(Z)
Jackson	8	22	1	(D)	7	47	1	(D)
Kalamazoo	3	(D)	2	(D)	4	2	–	–
Kent	11	(D)	7	(D)	15	20	9	18
Lapeer	6	5	1	(D)	8	8	3	4
Lenawee	5	(D)	1	(D)	7	35	1	(D)
Livingston	9	32	3	(D)	10	45	3	(D)
Macomb	16	44	4	14	23	35	4	(D)
Monroe	14	119	5	33	23	113	4	28
Newaygo	3	(D)	2	(D)	–	–	–	–
Oakland	4	8	3	7	5	17	3	12
Ottawa	13	36	8	33	11	35	5	29
Saginaw	7	12	3	9	7	35	3	15
St. Clair	5	11	1	(D)	6	14	–	–
St. Joseph	7	20	5	(D)	5	2	2	(D)
Shiawassee	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Van Buren	8	26	2	(D)	8	33	5	32
Washtenaw	11	34	10	29	11	34	8	29
Wayne	4	5	–	–	6	(D)	–	–
All other counties	27	23	11	9	(NA)	(NA)	(NA)	(NA)
CARROTS								
State Total								
Michigan	130	6 491	65	4 174	177	7 516	74	4 185
Counties								
Allegan	4	(D)	1	(D)	6	366	2	(D)
Arenac	4	65	–	–	4	56	1	(D)
Bay	4	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Delta	4	1	2	(D)	3	1	1	(D)
Eaton	3	255	–	–	4	262	–	–
Houghton	4	1	4	1	4	1	3	(Z)
Jackson	3	(D)	1	(D)	4	(D)	2	(D)
Kent	4	(D)	2	(D)	4	(D)	2	(D)
Lapeer	14	849	5	(D)	17	1 279	8	289
Lenawee	3	245	1	(D)	4	241	–	–

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
CARROTS—Con.								
Counties—Con.								
Macomb	4	2	1	(D)	12	6	3	1
Mecosta	3	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Montcalm	5	350	5	350	8	744	4	406
Muskegon	3	195	3	195	6	561	4	531
Newaygo	12	1 381	8	865	10	1 809	9	1 766
Oceana	9	730	5	465	7	389	4	292
St. Clair	3	(D)	2	(D)	3	(Z)	2	(D)
Sanilac	5	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	39	714	20	547	(NA)	(NA)	(NA)	(NA)
CAULIFLOWER								
State Total								
Michigan	79	340	38	223	136	872	49	449
Counties								
Allegan	6	75	3	65	12	384	5	208
Bay	4	106	2	(D)	5	114	4	102
Berrien	8	8	5	5	9	11	7	8
Kent	3	(D)	2	(D)	9	50	6	47
Macomb	14	51	4	(D)	20	41	4	(D)
St. Clair	6	10	1	(D)	9	21	–	–
Sanilac	3	2	2	(D)	–	–	–	–
Van Buren	4	32	2	(D)	5	19	2	(D)
Washtenaw	3	6	3	6	6	6	6	6
All other counties	28	(D)	14	20	(NA)	(NA)	(NA)	(NA)
CELERY								
State Total								
Michigan	36	2 273	32	2 015	53	2 857	46	2 595
Counties								
Allegan	3	285	3	285	5	400	5	400
Kent	4	184	4	184	7	468	7	468
Muskegon	6	535	5	297	4	245	4	245
Ottawa	9	434	9	414	16	492	15	485
Van Buren	3	211	3	211	5	293	4	263
All other counties	11	624	8	624	(NA)	(NA)	(NA)	(NA)
COLLARDS								
State Total								
Michigan	23	751	13	(D)	27	198	9	110
Counties								
Lapeer	3	(D)	3	(D)	–	–	–	–
Macomb	6	37	1	(D)	14	114	4	59
Washtenaw	3	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	11	516	6	497	(NA)	(NA)	(NA)	(NA)
CUCUMBERS AND PICKLES								
State Total								
Michigan	455	33 159	191	18 716	514	27 716	195	15 206
Counties								
Allegan	33	4 195	28	3 760	31	3 201	22	2 871
Arenac	19	1 695	2	(D)	25	1 765	–	–
Barry	4	2	–	–	3	1	–	–
Bay	29	982	8	207	30	1 441	9	100
Berrien	42	1 025	25	749	50	1 618	32	1 013
Calhoun	4	2	1	(D)	3	(D)	–	–
Cass	5	160	4	125	6	280	6	280
Eaton	3	(D)	–	–	–	–	–	–
Emmet	4	3	1	(D)	(NA)	(NA)	(NA)	(NA)
Genesee	12	28	2	(D)	8	10	–	–
Gladwin	4	(D)	1	(D)	6	25	–	–
Gratiot	16	3 278	4	292	38	3 487	7	436
Hillsdale	3	(Z)	1	(D)	3	1	1	(D)
Ingham	5	2	2	(D)	3	(D)	1	(D)
Ionia	4	13	1	(D)	(NA)	(NA)	(NA)	(NA)
Isabella	4	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Jackson	4	(D)	3	4	8	2	–	–
Kent	16	628	5	(D)	19	805	11	425
Lapeer	6	(D)	3	(D)	8	21	1	(D)
Leelanau	4	(D)	1	(D)	–	–	–	–

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
CUCUMBERS AND PICKLES—Con.								
Counties—Con.								
Lenawee	9	714	5	494	9	200	–	–
Livingston	4	1	1	(D)	5	2	1	(D)
Macomb	22	79	3	(D)	23	55	7	29
Manistee	8	358	7	336	11	567	10	512
Mason	3	(D)	2	(D)	10	149	8	122
Midland	3	(D)	–	–	3	(D)	–	–
Monroe	14	193	6	160	15	82	1	(D)
Montcalm	8	(D)	6	(D)	7	597	5	580
Newaygo	7	512	4	(D)	4	159	4	148
Oakland	3	2	3	2	6	3	3	(Z)
Oceana	19	745	7	293	28	1 480	5	460
Ottawa	10	(D)	6	(D)	9	7	8	7
Saginaw	17	2 620	1	(D)	15	921	2	(D)
St. Clair	8	9	1	(D)	10	34	1	(D)
St. Joseph	10	2 196	10	1 733	11	1 074	9	1 074
Sanilac	8	(D)	2	(D)	3	(D)	2	(D)
Tuscola	16	2 216	3	925	20	1 377	1	(D)
Van Buren	17	7 604	12	7 375	14	5 196	10	5 124
Washtenaw	6	13	4	13	7	(D)	6	(D)
Wayne	12	6	–	–	13	5	–	–
All other counties	30	1 706	14	917	(NA)	(NA)	(NA)	(NA)
EGGPLANT								
State Total								
Michigan	68	207	33	135	58	125	26	86
Counties								
Bay	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Berrien	11	114	6	103	12	43	10	43
Ingham	3	(Z)	2	(D)	–	–	–	–
Kent	3	(D)	3	(D)	4	10	3	10
Macomb	12	39	2	(D)	15	37	5	23
Washtenaw	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Wayne	6	4	–	–	7	5	–	–
All other counties	27	(D)	17	27	(NA)	(NA)	(NA)	(NA)
ESCAROLE								
State Total								
Michigan	1	(D)	1	(D)	3	25	3	25
HERBS, FRESH CUT (SEE TEXT)								
State Total								
Michigan	69	219	35	177	57	131	31	96
Counties								
Cass	3	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Emmet	3	3	2	(D)	(NA)	(NA)	(NA)	(NA)
Ingham	4	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Jackson	4	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Kent	5	10	5	10	(NA)	(NA)	(NA)	(NA)
Lapeer	5	10	1	(D)	(NA)	(NA)	(NA)	(NA)
Macomb	15	17	4	(D)	(NA)	(NA)	(NA)	(NA)
Monroe	4	3	2	(D)	(NA)	(NA)	(NA)	(NA)
St. Clair	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	23	101	13	96	(NA)	(NA)	(NA)	(NA)
HONEYDEW MELONS								
State Total								
Michigan	21	27	6	(D)	23	66	4	28
Counties								
Berrien	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Macomb	3	1	–	–	(NA)	(NA)	(NA)	(NA)
All other counties	15	(D)	5	6	(NA)	(NA)	(NA)	(NA)
KALE								
State Total								
Michigan	2	(D)	2	(D)	8	112	6	109
Counties								
Ottawa	1	(D)	1	(D)	–	–	–	–
Washtenaw	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LETTUCE AND ROMAINE								
State Total								
Michigan	56	516	37	456	57	917	30	698
Counties								
Emmet	5	6	3	4	6	3	–	–
Kent	3	(D)	3	(D)	5	207	4	207
Lapeer	6	(D)	4	(D)	5	(D)	3	(D)
Leelanau	3	1	3	1	(NA)	(NA)	(NA)	(NA)
Macomb	7	46	2	(D)	11	33	7	29
Ottawa	3	(D)	3	(D)	4	3	1	(D)
Washtenaw	5	6	5	6	–	–	–	–
All other counties	24	58	14	47	(NA)	(NA)	(NA)	(NA)
MUSTARD GREENS								
State Total								
Michigan	27	329	13	306	29	206	8	139
Counties								
Jackson	4	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Lapeer	4	93	2	(D)	(NA)	(NA)	(NA)	(NA)
Macomb	5	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Ottawa	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Washtenaw	3	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	8	26	3	24	(NA)	(NA)	(NA)	(NA)
DRY ONIONS								
State Total								
Michigan	132	4 725	56	1 577	197	6 771	74	2 980
Counties								
Allegan	10	679	4	191	14	914	7	194
Bay	15	67	4	(D)	26	184	4	24
Calhoun	4	(D)	1	(D)	4	149	1	(D)
Eaton	5	320	2	(D)	5	387	–	–
Ingham	5	265	4	265	3	430	1	(D)
Kent	3	227	2	(D)	5	102	1	(D)
Lapeer	4	195	2	(D)	7	272	1	(D)
Macomb	8	8	1	(D)	13	10	5	4
Newaygo	13	1 477	5	413	10	1 541	9	776
Ottawa	12	537	5	186	21	678	13	369
St. Joseph	8	6	4	5	4	3	2	(D)
Van Buren	3	95	3	89	5	(D)	3	(D)
Washtenaw	3	(D)	1	(D)	6	(D)	3	(D)
All other counties	39	736	18	197	(NA)	(NA)	(NA)	(NA)
GREEN ONIONS								
State Total								
Michigan	34	86	18	58	50	379	12	319
Counties								
Jackson	3	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Livingston	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Monroe	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	25	55	12	27	(NA)	(NA)	(NA)	(NA)
PARSLEY								
State Total								
Michigan	1	(D)	1	(D)	7	98	5	84

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
GREEN PEAS, EXCLUDING GREEN COWPEAS								
State Total								
Michigan	141	1 767	72	1 646	179	1 558	71	1 297
Counties								
Allegan	5	3	4	(D)	4	4	3	4
Barry	3	1	2	(D)	5	1	–	–
Bay	3	(D)	–	–	7	(D)	2	(D)
Berrien	7	7	1	(D)	3	7	–	–
Emmet	6	4	1	(D)	4	(D)	1	(D)
Genesee	4	4	–	–	5	13	2	(D)
Houghton	3	(Z)	1	(D)	4	1	3	(Z)
Jackson	5	1	5	1	4	1	2	(D)
Kent	4	1	1	(D)	8	(D)	4	(D)
Lapeer	3	1	3	1	6	6	2	(D)
Leelanau	4	3	4	3	3	(D)	2	(D)
Macomb	5	7	1	(D)	11	13	2	(D)
Manistee	3	(D)	3	(D)	5	3	5	3
Monroe	3	1	–	–	6	3	–	–
Montcalm	10	1 520	10	1 520	11	1 229	10	1 149
Oakland	4	3	2	(D)	(NA)	(NA)	(NA)	(NA)
Ottawa	9	9	8	3	13	10	6	4
Saginaw	3	4	3	4	6	4	1	(D)
St. Clair	4	2	1	(D)	4	1	2	(D)
St. Joseph	3	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Sanilac	3	(Z)	1	(D)	–	–	–	–
Washtenaw	4	(D)	3	(D)	7	8	5	8
Wayne	3	(D)	–	–	6	8	–	–
All other counties	40	145	15	95	(NA)	(NA)	(NA)	(NA)
HOT PEPPERS								
State Total								
Michigan	108	284	47	145	106	328	30	80
Counties								
Allegan	4	2	2	(D)	(NA)	(NA)	(NA)	(NA)
Arenac	3	1	–	–	–	–	–	–
Bay	4	1	1	(D)	5	11	–	–
Berrien	17	134	11	90	16	16	7	8
Genesee	6	5	1	(D)	(NA)	(NA)	(NA)	(NA)
Ingham	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Kent	5	4	4	4	(NA)	(NA)	(NA)	(NA)
Lapeer	4	1	3	(Z)	(NA)	(NA)	(NA)	(NA)
Macomb	12	12	4	(D)	16	13	2	(D)
Monroe	6	26	2	(D)	3	(D)	–	–
Ottawa	3	1	–	–	5	(D)	4	(D)
Van Buren	5	18	2	(D)	4	(D)	–	–
Washtenaw	3	1	3	1	6	7	5	6
Wayne	8	3	–	–	14	13	–	–
All other counties	25	(D)	13	13	(NA)	(NA)	(NA)	(NA)
SWEET PEPPERS								
State Total								
Michigan	329	2 157	155	1 192	425	3 498	162	1 822
Counties								
Allegan	4	(D)	1	(D)	8	129	3	(D)
Arenac	3	3	–	–	3	2	–	–
Barry	4	2	1	(D)	5	1	–	–
Bay	21	166	7	(D)	38	312	15	150
Berrien	40	180	25	125	50	442	29	248
Cass	6	(D)	5	(D)	8	43	5	43
Emmet	3	(D)	1	(D)	3	7	–	–
Genesee	6	13	1	(D)	8	21	1	(D)
Gratiot	5	365	–	–	10	566	–	–
Hillsdale	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Ingham	8	4	3	1	5	(D)	3	(Z)
Jackson	13	7	10	5	10	6	–	–
Kent	15	83	9	(D)	20	122	12	109
Lapeer	6	(D)	3	(Z)	12	49	5	(D)
Lenawee	8	120	1	(D)	8	(D)	2	(D)
Livingston	5	2	3	1	5	3	2	(D)
Macomb	26	82	8	31	39	114	10	69
Mecosta	5	2	4	2	(NA)	(NA)	(NA)	(NA)
Monroe	18	148	7	98	17	79	4	53
Montcalm	3	1	2	(D)	–	–	–	–
Muskegon	3	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Newaygo	4	(D)	4	(D)	7	397	6	392
Oakland	6	2	5	2	(NA)	(NA)	(NA)	(NA)
Oceana	4	(D)	3	(D)	7	422	6	422
Ottawa	14	82	10	81	17	73	10	70
Saginaw	9	4	1	(D)	12	150	1	(D)
St. Clair	7	6	1	(D)	16	31	4	(D)
St. Joseph	4	2	4	2	5	1	2	(D)
Sanilac	5	2	1	(D)	(NA)	(NA)	(NA)	(NA)
Shiawassee	3	2	1	(D)	3	(D)	1	(D)

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
SWEET PEPPERS—Con.								
Counties—Con.								
Tuscola	4	5	2	(D)	7	26	–	–
Van Buren	14	173	8	168	10	26	5	(D)
Washtenaw	10	(D)	8	(D)	13	16	9	9
Wayne	13	17	1	(D)	27	36	–	–
All other counties	27	18	12	9	(NA)	(NA)	(NA)	(NA)
PUMPKINS								
State Total								
Michigan	776	4 603	157	800	663	2 976	134	420
Counties								
Alcona	4	(D)	–	–	3	17	–	–
Allegan	18	91	6	23	18	103	7	48
Alpena	11	40	–	–	5	18	1	(D)
Antrim	6	37	2	(D)	(NA)	(NA)	(NA)	(NA)
Arenac	7	14	1	(D)	6	11	–	–
Barry	10	24	2	(D)	5	3	–	–
Bay	28	167	5	(D)	20	167	2	(D)
Berrien	55	301	12	42	50	182	15	46
Branch	10	51	5	36	(NA)	(NA)	(NA)	(NA)
Calhoun	8	24	3	11	13	25	1	(D)
Cass	8	27	6	21	12	19	4	4
Charlevoix	3	2	1	(D)	(NA)	(NA)	(NA)	(NA)
Clinton	15	91	2	(D)	5	53	–	–
Delta	6	22	–	–	6	46	–	–
Eaton	10	49	–	–	7	16	1	(D)
Emmet	6	21	–	–	4	9	–	–
Genesee	23	53	3	(D)	27	114	1	(D)
Grand Traverse	9	33	4	5	7	11	3	(D)
Gratiot	7	41	1	(D)	5	18	–	–
Hillsdale	6	21	3	6	8	24	2	(D)
Houghton	6	16	3	2	(NA)	(NA)	(NA)	(NA)
Ingham	12	22	1	(D)	8	9	–	–
Ionia	9	65	2	(D)	9	22	–	–
Iosco	3	9	1	(D)	3	3	1	(D)
Isabella	5	(D)	–	–	8	15	–	–
Jackson	23	73	7	29	15	37	1	(D)
Kalamazoo	17	151	6	90	18	49	4	6
Kalkaska	3	1	–	–	–	–	–	–
Kent	27	119	4	9	34	155	9	35
Lapeer	22	165	2	(D)	12	78	1	(D)
Leelanau	6	11	2	(D)	3	4	1	(D)
Lenawee	10	131	3	(D)	15	111	3	(D)
Livingston	17	66	2	(D)	12	46	3	(D)
Macomb	50	490	4	(D)	57	358	11	59
Manistee	5	25	3	19	8	11	5	4
Mason	9	49	3	(D)	6	9	2	(D)
Mecosta	8	25	2	(D)	5	14	1	(D)
Menominee	7	11	–	–	6	22	1	(D)
Midland	5	(D)	1	(D)	4	3	–	–
Missaukee	3	9	2	(D)	(NA)	(NA)	(NA)	(NA)
Monroe	29	280	4	(D)	23	91	2	(D)
Montcalm	13	34	1	(D)	7	11	5	9
Montmorency	4	(D)	–	–	3	7	1	(D)
Muskegon	10	48	2	(D)	3	(D)	–	–
Newaygo	4	23	–	–	6	30	1	(D)
Oakland	15	160	2	(D)	18	137	7	15
Oceana	13	162	4	(D)	7	34	2	(D)
Ottawa	37	212	12	33	30	129	10	14
Presque Isle	6	27	1	(D)	6	13	1	(D)
Saginaw	13	46	1	(D)	10	38	1	(D)
St. Clair	21	69	1	(D)	17	49	3	(D)
St. Joseph	8	45	4	11	7	11	4	8
Sanilac	6	8	2	(D)	5	26	1	(D)
Shiawassee	4	11	1	(D)	3	(D)	1	(D)
Tuscola	7	7	–	–	4	13	–	–
Van Buren	25	186	5	39	19	74	3	(D)
Washtenaw	26	205	9	126	22	121	8	40
Wayne	19	209	1	(D)	25	307	1	(D)
All other counties	19	37	3	1	(NA)	(NA)	(NA)	(NA)
RADISHES								
State Total								
Michigan	24	3 574	14	1 595	38	2 967	14	1 962
Counties								
Washtenaw	4	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	20	(D)	11	(D)	(NA)	(NA)	(NA)	(NA)

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
RHUBARB								
State Total								
Michigan	26	108	4	(D)	24	93	4	(D)
Counties								
Berrien	4	92	2	(D)	(NA)	(NA)	(NA)	(NA)
Macomb	3	10	–	–	(NA)	(NA)	(NA)	(NA)
Oceana	4	1	–	–	(NA)	(NA)	(NA)	(NA)
St. Clair	4	2	–	–	(NA)	(NA)	(NA)	(NA)
All other counties	11	3	2	(D)	(NA)	(NA)	(NA)	(NA)
SPINACH								
State Total								
Michigan	28	161	15	122	29	129	12	107
Counties								
Isabella	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Macomb	6	5	–	–	(NA)	(NA)	(NA)	(NA)
Washtenaw	5	(D)	5	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	14	16	9	14	(NA)	(NA)	(NA)	(NA)
SQUASH								
State Total								
Michigan	467	5 716	154	2 399	511	4 277	140	1 570
Counties								
Allegan	8	30	4	22	10	68	6	17
Antrim	7	9	5	3	3	(D)	1	(D)
Arenac	5	5	1	(D)	–	–	–	–
Barry	3	1	1	(D)	3	1	–	–
Bay	19	104	5	27	21	76	3	10
Berrien	56	1 187	27	508	73	630	32	220
Branch	5	14	3	(D)	(NA)	(NA)	(NA)	(NA)
Calhoun	5	(D)	–	–	5	12	–	–
Cass	8	89	6	(D)	8	44	4	(D)
Clinton	6	16	3	(D)	(NA)	(NA)	(NA)	(NA)
Emmet	3	(D)	–	–	7	14	–	–
Genesee	11	26	2	(D)	10	18	3	(D)
Gratiot	7	(D)	–	–	9	185	–	–
Houghton	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Ingham	7	5	2	(D)	6	2	1	(D)
Ionia	4	16	2	(D)	4	(D)	–	–
Jackson	6	10	2	(D)	(NA)	(NA)	(NA)	(NA)
Kalamazoo	8	10	2	(D)	15	22	6	5
Kent	10	(D)	5	(D)	27	269	11	208
Lapeer	11	89	3	(D)	12	123	–	–
Leelanau	4	3	1	(D)	4	4	3	(D)
Lenawee	6	2	2	(D)	12	92	–	–
Livingston	7	10	2	(D)	8	7	2	(D)
Macomb	36	472	4	(D)	50	392	12	145
Manistee	4	11	3	10	3	(D)	2	(D)
Mason	8	366	2	(D)	4	93	2	(D)
Mecosta	11	13	7	8	3	7	–	–
Midland	5	4	1	(D)	3	4	–	–
Monroe	15	36	–	–	20	175	–	–
Montcalm	12	27	2	(D)	5	15	2	(D)
Newaygo	8	339	3	(D)	9	210	3	(D)
Oakland	6	8	2	(D)	(NA)	(NA)	(NA)	(NA)
Oceana	18	1 497	8	720	17	927	7	586
Ottawa	29	430	16	198	31	463	14	107
Saginaw	11	(D)	1	(D)	10	90	1	(D)
St. Clair	11	43	–	–	14	105	2	(D)
St. Joseph	5	7	3	(D)	4	1	1	(D)
Sanilac	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Shiawassee	7	4	2	(D)	(NA)	(NA)	(NA)	(NA)
Tuscola	9	22	1	(D)	3	(D)	1	(D)
Van Buren	15	199	6	88	20	71	2	(D)
Washtenaw	11	19	6	16	17	35	8	22
Wayne	5	3	–	–	12	36	–	–
All other counties	29	23	8	6	(NA)	(NA)	(NA)	(NA)

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
SWEET CORN								
State Total								
Michigan	943	10 998	262	2 697	1 221	19 551	306	8 629
Counties								
Allegan	24	101	11	63	40	313	17	125
Alpena	7	51	–	–	4	97	–	–
Antrim	17	105	5	12	11	67	3	(D)
Arenac	7	29	1	(D)	11	79	–	–
Barry	9	37	3	(D)	22	63	6	13
Bay	35	387	9	112	53	702	12	201
Berrien	56	615	20	205	74	1 007	34	406
Branch	10	81	6	61	15	369	10	284
Calhoun	18	109	5	22	15	216	2	(D)
Cass	18	158	6	89	29	931	13	826
Charlevoix	5	68	1	(D)	7	50	2	(D)
Cheboygan	5	18	–	–	6	64	1	(D)
Clare	3	13	–	–	(NA)	(NA)	(NA)	(NA)
Clinton	15	181	5	27	13	241	4	10
Crawford	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Delta	5	7	1	(D)	4	9	1	(D)
Eaton	13	63	3	20	17	94	2	(D)
Emmet	12	101	4	(D)	9	105	3	14
Genesee	29	289	5	19	27	438	3	27
Gladwin	10	32	2	(D)	6	78	–	–
Grand Traverse	18	91	2	(D)	13	107	5	26
Gratiot	6	38	1	(D)	12	84	–	–
Hillsdale	11	34	4	22	8	26	1	(D)
Houghton	8	7	7	6	5	(D)	3	(D)
Huron	6	18	3	(D)	6	33	–	–
Ingham	9	111	2	(D)	20	362	2	(D)
Ionia	7	114	2	(D)	20	80	4	(D)
Isabella	3	16	1	(D)	10	41	2	(D)
Jackson	23	388	4	(D)	21	423	3	(D)
Kalamazoo	25	419	9	136	39	1 315	17	980
Kalkaska	4	5	–	–	(NA)	(NA)	(NA)	(NA)
Kent	34	663	13	309	47	541	17	295
Lapeer	22	321	1	(D)	22	408	3	(D)
Leelanau	8	62	4	32	6	44	4	34
Lenawee	15	97	4	8	20	225	1	(D)
Livingston	22	165	6	23	25	155	8	31
Mackinac	3	(D)	–	–	4	(D)	–	–
Macomb	38	1 099	6	100	63	1 229	6	83
Manistee	7	29	5	23	10	61	4	47
Mason	9	85	1	(D)	8	(D)	4	(D)
Mecosta	6	20	2	(D)	9	39	2	(D)
Menominee	5	7	–	–	3	1	1	(D)
Midland	9	18	1	(D)	10	91	1	(D)
Missaukee	4	14	2	(D)	(NA)	(NA)	(NA)	(NA)
Monroe	35	490	8	172	44	808	4	(D)
Montcalm	16	88	4	45	12	141	6	81
Muskegon	8	16	3	(D)	10	187	–	–
Newaygo	18	413	8	15	13	444	5	405
Oakland	15	276	3	(D)	22	399	8	59
Oceana	15	87	4	(D)	24	139	4	15
Oscoda	5	4	1	(D)	(NA)	(NA)	(NA)	(NA)
Ottawa	30	217	12	128	53	367	12	137
Presque Isle	7	30	–	–	4	8	–	–
Saginaw	20	253	2	(D)	26	214	3	(D)
St. Clair	26	226	2	(D)	47	305	4	5
St. Joseph	13	155	8	147	27	989	14	701
Sanilac	13	32	5	19	13	55	2	(D)
Shiawassee	17	56	3	(D)	16	63	2	(D)
Tuscola	8	56	–	–	12	50	–	–
Van Buren	31	1 165	12	45	45	3 578	15	(D)
Washtenaw	24	485	13	432	35	648	14	492
Wayne	15	556	2	(D)	23	606	2	(D)
All other counties	24	89	5	13	(NA)	(NA)	(NA)	(NA)
TOMATOES								
State Total								
Michigan	615	7 779	247	3 530	748	8 831	236	2 816
Counties								
Allegan	16	21	7	5	14	14	4	3
Alpena	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Antrim	4	1	3	(Z)	3	(D)	1	(D)
Arenac	5	8	1	(D)	8	9	–	–
Barry	8	3	2	(D)	8	3	1	(D)
Bay	22	56	4	12	38	97	7	22
Berrien	64	962	33	625	96	1 062	48	733
Branch	15	516	11	511	8	457	7	440
Calhoun	7	(D)	4	(D)	8	(D)	2	(D)
Cass	8	47	6	46	13	144	7	117

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
TOMATOES—Con.								
Counties—Con.								
Clinton	8	17	5	12	6	9	3	(D)
Delta	3	2	2	(D)	(NA)	(NA)	(NA)	(NA)
Emmet	9	7	6	4	5	19	2	(D)
Genesee	15	41	3	(D)	17	62	3	(D)
Gladwin	5	6	3	(D)	5	10	1	(D)
Grand Traverse	6	4	3	1	9	6	7	5
Gratiot	3	(D)	1	(D)	7	9	1	(D)
Hillsdale	7	5	2	(D)	4	1	3	1
Houghton	4	1	4	1	–	–	–	–
Huron	3	3	3	3	(NA)	(NA)	(NA)	(NA)
Ingham	8	10	4	2	10	13	3	1
Ionia	5	32	2	(D)	8	5	3	1
Jackson	20	60	10	13	12	11	1	(D)
Kalamazoo	10	17	4	13	12	9	6	6
Kent	18	54	10	10	26	53	11	33
Lapeer	13	20	4	1	13	43	3	(D)
Leelanau	6	(D)	5	5	(NA)	(NA)	(NA)	(NA)
Lenawee	22	2 731	3	(D)	44	2 990	2	(D)
Livingston	15	14	4	5	12	15	4	2
Macomb	36	89	9	25	59	135	10	23
Manistee	5	12	4	(D)	8	11	6	7
Mason	3	(D)	2	(D)	3	1	2	(D)
Mecosta	4	2	2	(D)	(NA)	(NA)	(NA)	(NA)
Midland	6	4	1	(D)	4	9	–	–
Monroe	33	1 228	8	638	55	1 893	5	36
Montcalm	5	1	2	(D)	3	2	2	(D)
Muskegon	5	7	2	(D)	(NA)	(NA)	(NA)	(NA)
Newaygo	8	3	7	2	(NA)	(NA)	(NA)	(NA)
Oakland	12	14	7	11	13	21	9	8
Oceana	11	12	2	(D)	4	7	2	(D)
Ottawa	23	257	12	27	30	(D)	12	28
Saginaw	12	21	–	–	19	24	4	7
St. Clair	15	20	–	–	18	22	–	–
St. Joseph	15	1 130	15	1 130	14	999	9	993
Sanilac	6	2	2	(D)	6	5	2	(D)
Shiawassee	7	3	3	1	4	2	1	(D)
Tuscola	5	9	1	(D)	5	2	2	(D)
Van Buren	13	15	5	9	15	73	9	(D)
Washtenaw	19	33	10	22	23	46	13	20
Wayne	19	32	1	(D)	32	58	1	(D)
All other counties	21	28	3	1	(NA)	(NA)	(NA)	(NA)
TURNIPS								
State Total								
Michigan	30	395	9	228	38	338	16	240
Counties								
Macomb	4	9	–	–	5	18	–	–
Monroe	3	1	–	–	4	8	–	–
Newaygo	4	153	3	110	3	(D)	3	(D)
Ottawa	5	126	1	(D)	5	95	4	80
All other counties	14	106	5	(D)	(NA)	(NA)	(NA)	(NA)
TURNIP GREENS								
State Total								
Michigan	23	311	7	271	23	233	9	184
Counties								
Lapeer	3	88	2	(D)	(NA)	(NA)	(NA)	(NA)
Macomb	5	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	15	(D)	4	185	(NA)	(NA)	(NA)	(NA)
MIXED VEGETABLES								
State Total								
Michigan	27	180	14	107	40	164	11	57
Counties								
Kent	4	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Monroe	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Washtenaw	3	2	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	17	(D)	7	64	(NA)	(NA)	(NA)	(NA)

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
WATERMELONS								
State Total								
Michigan	113	169	59	69	110	199	42	96
Counties								
Allegan	5	4	3	2	5	4	3	2
Barry	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Bay	6	13	5	11	6	11	3	10
Berrien	11	13	7	9	10	15	6	10
Branch	6	12	4	(D)	(NA)	(NA)	(NA)	(NA)
Jackson	6	10	1	(D)	3	22	–	–
Kent	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Macomb	10	21	3	5	15	13	4	2
Monroe	7	12	1	(D)	3	(D)	–	–
Montcalm	3	3	2	(D)	–	–	–	–
Newaygo	3	(Z)	3	(Z)	(NA)	(NA)	(NA)	(NA)
Oakland	3	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Ottawa	8	8	5	6	4	5	4	4
St. Joseph	6	9	3	2	(NA)	(NA)	(NA)	(NA)
Wayne	3	1	–	–	(NA)	(NA)	(NA)	(NA)
All other counties	30	52	16	14	(NA)	(NA)	(NA)	(NA)
OTHER VEGETABLES								
State Total								
Michigan	138	1 079	62	650	76	585	33	298
Counties								
Arenac	3	(D)	1	(D)	–	–	–	–
Bay	4	6	1	(D)	(NA)	(NA)	(NA)	(NA)
Berrien	14	87	9	61	4	4	1	(D)
Branch	4	(D)	2	(D)	–	–	–	–
Cass	4	(D)	4	(D)	(NA)	(NA)	(NA)	(NA)
Emmet	4	17	2	(D)	–	–	–	–
Houghton	9	8	5	7	(NA)	(NA)	(NA)	(NA)
Ionia	3	4	–	–	–	–	–	–
Kent	6	(D)	4	(D)	5	(D)	5	(D)
Lapeer	6	56	3	29	3	50	1	(D)
Macomb	14	81	1	(D)	7	8	2	(D)
Monroe	6	27	–	–	3	19	–	–
Newaygo	3	215	3	215	3	95	3	50
Oceana	7	65	2	(D)	(NA)	(NA)	(NA)	(NA)
Ottawa	9	109	7	85	6	68	4	26
Saginaw	3	(D)	–	–	3	(D)	1	(D)
All other counties	39	207	18	148	(NA)	(NA)	(NA)	(NA)

Table 30. **Land in Orchards: 1997 and 1992**

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

Geographic area	1997				1992			
	Total		Irrigated		Total		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LAND IN ORCHARDS								
State Total								
Michigan	2 863	139 607	362	11 930	3 531	162 183	444	14 799
Counties								
Alcona	5	17	1	(D)	13	29	1	(D)
Alger	4	9	1	(D)	4	17	–	–
Allegan	97	4 314	12	78	113	4 600	17	238
Alpena	19	95	2	(D)	21	112	–	–
Antrim	63	4 587	10	331	76	5 069	14	591
Arenac	4	31	–	–	8	49	–	–
Baraga	5	33	–	–	(NA)	(NA)	(NA)	(NA)
Barry	17	43	1	(D)	24	74	3	(D)
Bay	11	35	4	9	19	72	2	(D)
Benzie	47	3 205	10	190	56	3 759	14	415
Berrien	479	19 768	33	662	625	24 300	36	690
Branch	14	193	1	(D)	18	372	1	(D)
Calhoun	12	98	–	–	14	194	–	–
Cass	36	2 246	6	254	52	2 817	13	259
Charlevoix	15	797	2	(D)	22	986	4	70
Cheboygan	3	(D)	–	–	6	19	1	(D)
Chippewa	7	15	1	(D)	12	24	–	–
Clare	7	21	–	–	4	10	1	(D)
Clinton	30	391	6	208	32	475	3	(D)
Delta	18	90	–	–	19	104	3	22

Table 30. **Land in Orchards: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Total		Irrigated		Total		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LAND IN ORCHARDS—Con.								
Counties—Con.								
Dickinson	5	39	–	–	3	5	–	–
Eaton	22	145	2	(D)	27	249	3	17
Emmet	11	47	5	29	11	55	–	–
Genesee	34	391	2	(D)	40	713	2	(D)
Gladwin	6	15	2	(D)	9	36	1	(D)
Grand Traverse	154	8 682	42	1 595	196	10 584	59	2 146
Gratiot	7	173	–	–	16	246	1	(D)
Hillsdale	13	260	1	(D)	20	375	4	28
Houghton	6	9	2	(D)	8	60	1	(D)
Huron	7	36	1	(D)	14	73	2	(D)
Ingham	21	302	6	35	28	343	1	(D)
Ionia	34	1 518	4	187	49	2 522	5	168
Iosco	11	48	1	(D)	8	46	–	–
Iron	8	21	1	(D)	(NA)	(NA)	(NA)	(NA)
Isabella	6	57	2	(D)	9	158	–	–
Jackson	16	159	2	(D)	32	273	2	(D)
Kalamazoo	34	1 150	1	(D)	55	1 511	3	(D)
Kent	184	15 143	19	1 276	236	16 988	24	1 436
Lake	6	30	2	(D)	7	26	–	–
Lapeer	35	658	4	19	48	769	3	3
Leelanau	232	16 698	40	2 198	247	17 673	46	2 219
Lenawee	42	836	11	353	50	611	10	142
Livingston	21	546	4	64	23	386	4	20
Mackinac	4	7	–	–	(NA)	(NA)	(NA)	(NA)
Macomb	33	816	3	(D)	43	1 173	6	(D)
Manistee	55	3 789	9	812	68	4 387	17	1 144
Marquette	10	45	2	(D)	12	38	1	(D)
Mason	51	5 004	8	(D)	62	6 205	21	692
Mecosta	13	177	2	(D)	15	237	1	(D)
Menominee	20	61	1	(D)	12	47	1	(D)
Midland	12	24	1	(D)	13	43	3	8
Missaukee	7	15	1	(D)	3	(D)	1	(D)
Monroe	35	318	5	189	51	439	2	(D)
Montcalm	19	966	1	(D)	25	1 041	8	524
Montmorency	3	8	–	–	5	10	–	–
Muskegon	31	3 734	5	103	24	3 618	5	172
Newaygo	40	2 297	9	107	38	2 325	5	271
Oakland	33	519	3	(D)	42	618	8	(D)
Oceana	142	15 159	7	166	185	16 270	14	498
Ogemaw	5	42	–	–	11	146	2	(D)
Osceola	16	48	4	10	6	23	1	(D)
Otsego	6	14	3	2	3	6	1	(D)
Ottawa	65	6 170	13	225	95	6 985	11	185
Presque Isle	12	29	1	(D)	14	30	1	(D)
Roscommon	4	73	–	–	(NA)	(NA)	(NA)	(NA)
Saginaw	24	169	4	(D)	31	399	1	(D)
St. Clair	19	89	1	(D)	24	252	2	(D)
St. Joseph	14	284	–	–	8	(D)	–	–
Sanilac	23	388	–	–	21	449	2	(D)
Schoolcraft	6	16	–	–	2	(D)	–	–
Shiawassee	26	163	3	(D)	20	155	–	–
Tuscola	10	144	3	(D)	17	309	2	(D)
Van Buren	256	15 480	17	1 593	312	19 232	24	1 378
Washtenaw	30	341	8	118	47	497	17	201
Wayne	16	197	4	12	18	148	2	(D)
Wexford	8	39	–	–	7	50	–	–
All other counties	7	(D)	–	–	(NA)	(NA)	(NA)	(NA)

Table 31. **Fruits and Nuts: 1997 and 1992**

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

Geographic area	Total			Trees or vines of nonbearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
APPLES									
State Total									
Michigan.....1997..	1 991	68 987	9 031 404	1 152	1 575 382	1 845	7 456 022	1 521	966 592 252
1992..	2 473	76 911	8 488 710	1 321	1 756 500	2 326	6 732 210	1 831	988 740 290
Counties, 1997									
Alcona	5	17	(D)	4	(D)	5	(D)	5	(D)
Alger	4	9	685	2	(D)	4	(D)	2	(D)
Allegan	75	2 545	453 973	30	91 926	71	362 047	57	19 158 314
Alpena	17	77	8 375	10	1 724	15	6 651	11	272 704
Antrim	40	690	82 696	20	13 087	37	69 609	29	8 851 943
Arenac	3	(D)	(D)	3	(D)	3	(D)	2	(D)
Baraga	5	32	1 826	2	(D)	5	(D)	3	(D)
Barry	16	31	1 620	5	101	16	1 519	5	(D)
Bay	7	14	1 365	5	542	7	823	6	55 200
Benzie	36	1 398	180 412	25	32 081	31	148 331	28	13 989 724
Berrien	246	8 080	935 182	137	153 127	235	782 055	218	127 644 811
Branch	10	164	20 429	2	(D)	10	(D)	6	2 007 600
Calhoun	10	86	3 561	6	1 362	9	2 199	8	(D)
Cass	25	1 241	155 191	22	42 938	22	112 253	21	20 539 506
Charlevoix	12	291	38 580	8	(D)	8	(D)	6	1 714 650
Cheboygan	3	(D)	(D)	3	(D)	1	(D)	1	(D)
Chippewa.....	7	(D)	258	7	(D)	3	(D)	–	–
Clare	7	20	1 302	5	(D)	6	(D)	4	(D)
Clinton	28	372	38 705	17	3 454	24	35 251	17	6 380 197
Delta	17	65	5 364	8	316	16	5 048	11	(D)
Dickinson	5	39	5 322	4	(D)	4	(D)	3	36 000
Eaton	19	117	11 182	9	2 692	19	8 490	13	601 812
Emmet	8	37	3 400	7	2 840	6	560	4	10 290
Genesee	30	312	34 827	10	1 765	30	33 062	22	2 391 043
Gladwin	6	11	(D)	6	(D)	5	(D)	4	500
Grand Traverse	65	1 231	140 473	29	13 818	58	126 655	52	14 775 736
Gratiot	5	(D)	(D)	4	679	5	(D)	3	(D)
Hillsdale	11	200	28 259	7	(D)	10	(D)	9	3 421 550
Houghton	6	(D)	293	4	91	5	202	2	(D)
Huron	5	33	2 900	1	(D)	5	(D)	5	317 960
Ingham	17	244	25 525	10	(D)	14	(D)	12	(D)
Ionia	34	1 473	157 133	14	18 188	33	138 945	30	21 760 068
Iosco	11	47	4 488	11	426	11	4 062	5	440 224
Iron	8	(D)	1 008	6	161	6	847	4	(D)
Isabella.....	6	(D)	(D)	4	315	3	(D)	3	(D)
Jackson	13	130	7 539	6	1 640	12	5 899	9	824 260
Kalamazoo.....	16	518	65 768	11	6 811	14	58 957	12	8 185 804
Kent	172	14 272	2 118 366	119	392 310	169	1 726 056	159	210 653 255
Lake	5	25	(D)	5	125	4	(D)	2	(D)
Lapeer	31	583	42 749	14	1 390	28	41 359	20	7 961 544
Leelanau	92	2 648	372 238	46	80 286	88	291 952	78	31 974 008
Lenawee	36	683	131 858	16	23 040	34	108 818	29	10 933 708
Livingston.....	21	467	34 054	11	(D)	17	(D)	10	3 969 708
Mackinac	4	6	177	4	(D)	2	(D)	2	(D)
Macomb	30	723	88 725	22	8 508	29	80 217	22	10 265 468
Manistee	41	1 973	182 120	14	15 148	41	166 972	38	19 342 836
Marquette	9	36	2 999	6	291	9	2 708	5	(D)
Mason.....	47	1 930	225 904	24	35 649	47	190 255	41	25 884 173
Mecosta	12	143	9 550	6	(D)	12	(D)	9	932 803
Menominee	19	50	4 710	13	498	15	4 212	10	(D)
Midland.....	9	18	351	5	121	8	230	7	3 005
Missaukee	7	9	190	7	144	6	46	3	(D)
Monroe	28	284	49 063	15	1 377	28	47 686	21	8 842 920
Montcalm	17	933	166 283	15	36 273	14	130 010	9	11 917 048
Montmorency	3	6	(D)	1	(D)	3	(D)	3	(D)
Muskegon	24	3 300	411 701	18	87 769	22	323 932	19	33 709 536
Newaygo	37	1 943	241 075	28	29 689	36	211 386	29	21 122 037
Oakland	31	461	77 039	15	3 070	26	73 969	22	6 430 469
Oceana.....	96	4 462	579 650	51	106 292	94	473 358	85	57 111 493
Ogemaw.....	5	(D)	(D)	4	(D)	5	(D)	4	(D)
Osceola	13	30	2 840	13	1 381	6	1 459	2	(D)
Otsego	6	6	211	5	173	4	38	–	–
Ottawa	63	5 531	820 937	50	173 118	61	647 819	58	98 724 716
Presque Isle	11	17	560	7	84	10	476	8	14 366
Roscommon	4	(D)	12 713	4	(D)	4	(D)	3	1 014 180
Saginaw	19	154	20 413	7	744	17	19 669	13	1 300 964
St. Clair	18	70	9 329	14	3 347	14	5 982	7	(D)
St. Joseph	13	203	39 308	7	(D)	12	(D)	10	1 729 880
Sanilac	19	353	27 134	9	5 392	19	21 742	13	5 497 260
Schoolcraft.....	6	16	870	2	(D)	5	(D)	5	4 530
Shiawassee.....	20	77	7 510	13	1 413	16	6 097	15	(D)
Tuscola.....	10	117	11 955	4	110	8	11 845	5	(D)
Van Buren	121	7 018	806 724	63	109 121	113	697 603	95	126 824 590
Washtenaw	26	291	32 513	15	3 907	26	28 606	18	1 686 091
Wayne	15	164	19 361	8	2 735	14	16 626	7	(D)
Wexford	7	(D)	3 706	3	72	6	3 634	1	(D)
All other counties	6	8	361	5	203	5	158	2	(D)
APRICOTS									
State Total									
Michigan.....1997..	59	74	6 392	31	1 260	50	5 132	35	113 636
1992..	96	171	15 087	53	3 090	78	11 997	32	429 395

USDA, National Agricultural Statistics Service

Table 31. **Fruits and Nuts: 1997 and 1992**—Con.

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

Geographic area	Total			Trees or vines of nonbearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
APRICOTS—Con.									
Counties, 1997									
Allegan	3	(D)	(D)	1	(D)	3	(D)	2	(D)
Berrien	16	22	1 874	7	482	15	1 392	12	40 091
Leelanau	3	(D)	(D)	–	–	3	(D)	3	17 050
Oceana	5	12	745	2	(D)	4	(D)	4	12 350
Van Buren	5	3	270	2	(D)	5	(D)	2	(D)
All other counties	27	24	2 337	19	621	20	1 716	12	39 945
CHERRIES, TOTAL (SEE TEXT)									
State Total									
Michigan 1997	1 077	47 716	4 735 581	555	678 959	982	4 056 622	836	272 166 983
1992	1 491	56 878	5 518 853	706	860 800	1 411	4 658 053	1 171	254 167 481
Counties, 1997									
Allegan	28	653	75 945	10	11 499	28	64 446	25	3 580 389
Alpena	3	3	97	2	(D)	1	(D)	1	(D)
Antrim	40	3 784	383 373	25	52 259	39	331 114	38	24 455 496
Barry	5	2	38	1	(D)	4	(D)	–	–
Benzie	34	1 719	187 070	19	16 835	32	170 235	31	11 124 716
Berrien	136	2 956	316 874	63	47 385	130	269 489	106	10 827 655
Cass	9	291	32 921	4	(D)	9	(D)	7	1 295 822
Charlevoix	8	443	44 419	6	(D)	5	(D)	5	1 136 909
Clinton	7	9	446	4	88	6	358	3	(D)
Eaton	6	8	697	2	(D)	5	(D)	3	(D)
Genesee	6	12	(D)	3	34	4	(D)	2	(D)
Gladwin	3	2	(D)	2	(D)	2	(D)	–	–
Grand Traverse	132	7 111	694 190	73	90 209	126	603 981	120	41 171 790
Hillsdale	4	2	83	2	(D)	2	(D)	1	(D)
Ingham	5	8	(D)	2	(D)	4	(D)	1	(D)
Ionia	3	(D)	(D)	1	(D)	2	(D)	1	(D)
Isabella	4	(D)	(D)	2	(D)	2	(D)	–	–
Jackson	4	6	330	1	(D)	3	(D)	3	(D)
Kalamazoo	8	171	15 946	3	(D)	7	(D)	7	721 162
Kent	19	626	64 962	9	10 522	17	54 440	16	2 524 751
Lapeer	12	29	1 555	4	25	10	1 530	5	57 200
Leelanau	193	13 456	1 285 234	113	194 045	189	1 091 189	178	93 001 990
Lenawee	9	12	1 331	4	(D)	6	(D)	4	9 481
Livingston	10	52	3 668	5	135	9	3 533	5	36 075
Macomb	8	12	1 310	5	999	6	311	5	13 810
Manistee	35	1 690	120 872	11	7 727	34	113 145	34	8 511 283
Marquette	3	5	(D)	–	–	3	(D)	–	–
Mason	35	2 485	261 029	13	24 888	35	236 141	33	13 743 562
Midland	4	1	23	3	(D)	2	(D)	2	(D)
Missaukee	4	(D)	(D)	4	22	1	(D)	–	–
Monroe	8	11	(D)	4	17	5	(D)	–	–
Muskegon	16	314	32 799	9	5 214	14	27 585	11	1 307 832
Newaygo	13	229	25 471	5	6 994	13	18 477	13	1 632 688
Oakland	5	2	127	3	(D)	3	(D)	2	(D)
Oceana	93	8 775	920 693	57	146 704	89	773 989	85	47 303 151
Osceola	6	8	299	5	(D)	2	(D)	1	(D)
Ottawa	18	371	38 544	10	6 904	17	31 640	15	1 517 632
Presque Isle	3	(D)	(D)	1	(D)	2	(D)	1	(D)
Saginaw	4	2	186	3	(D)	2	(D)	1	(D)
St. Clair	7	11	660	5	(D)	3	(D)	1	(D)
Sanilac	4	14	590	2	(D)	4	(D)	3	(D)
Shiawassee	6	(D)	(D)	4	14	3	(D)	3	(D)
Tuscola	3	(D)	(D)	–	–	3	(D)	1	(D)
Van Buren	79	2 266	206 370	33	37 558	70	168 812	49	7 242 385
Washtenaw	4	(D)	(D)	2	(D)	4	(D)	2	(D)
Wayne	3	(D)	(D)	3	(D)	2	(D)	–	–
All other counties	28	44	2 727	13	232	23	2 495	12	140 064
SWEET CHERRIES									
State Total									
Michigan 1997	711	10 619	925 166	331	147 742	622	777 424	517	50 887 687
1992	933	12 336	1 076 069	389	(D)	846	(D)	655	35 564 276
Counties, 1997									
Allegan	15	52	4 440	3	(D)	15	(D)	12	224 556
Alpena	3	1	(D)	2	(D)	1	(D)	–	–
Antrim	31	1 083	105 451	18	15 788	30	89 663	29	5 121 226
Barry	5	1	27	1	(D)	4	(D)	–	–
Benzie	27	359	31 533	13	2 412	24	29 121	23	2 242 895
Berrien	59	162	14 512	19	1 850	54	12 662	45	540 554
Charlevoix	8	78	5 123	6	(D)	3	(D)	3	(D)
Clinton	7	(D)	(D)	4	(D)	6	(D)	2	(D)
Eaton	4	3	(D)	1	(D)	3	(D)	2	(D)
Genesee	4	(D)	127	2	(D)	2	(D)	–	–

Table 31. **Fruits and Nuts: 1997 and 1992**—Con.

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

Geographic area	Total			Trees or vines of nonbearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
SWEET CHERRIES—Con.									
Counties, 1997—Con.									
Gladwin	3	(D)	(D)	1	(D)	2	(D)	–	–
Grand Traverse	111	2 270	210 326	58	36 821	107	173 505	105	10 698 436
Hillsdale	3	1	(D)	2	(D)	1	(D)	–	–
Ingham	3	(D)	(D)	–	–	3	(D)	–	–
Isabella	4	(D)	(D)	2	(D)	2	(D)	–	–
Jackson	3	(D)	(D)	1	(D)	2	(D)	2	(D)
Kent	14	73	7 977	7	2 365	11	5 612	10	139 868
Lapeer	10	17	1 198	3	(D)	8	(D)	3	(D)
Leelanau	164	4 679	387 342	85	62 573	160	324 769	151	25 749 884
Lenawee	5	5	444	1	(D)	5	(D)	2	(D)
Livingston	7	23	1 568	3	(D)	5	(D)	2	(D)
Macomb	7	9	1 141	5	904	5	237	3	(D)
Manistee	24	408	26 441	5	1 952	23	24 489	23	1 120 311
Mason	26	514	44 881	8	8 642	24	36 239	21	1 881 213
Midland	3	(Z)	13	3	(D)	1	(D)	1	(D)
Monroe	7	(D)	(D)	4	9	3	(D)	–	–
Muskegon	6	(D)	(D)	3	(D)	4	(D)	2	(D)
Newaygo	4	9	758	3	190	4	568	4	11 700
Oakland	4	1	45	3	(D)	2	(D)	1	(D)
Oceana	42	585	57 328	15	4 329	39	52 999	36	2 373 348
Osceola	3	1	(D)	2	(D)	1	(D)	–	–
Ottawa	11	82	8 230	6	(D)	11	(D)	10	129 112
Presque Isle	3	(D)	(D)	1	(D)	2	(D)	1	(D)
Saginaw	3	(D)	(D)	3	16	1	(D)	–	–
St. Clair	7	(D)	(D)	5	(D)	3	(D)	1	(D)
Sanilac	4	14	590	2	(D)	4	(D)	3	(D)
Shiawassee	6	(D)	(D)	4	(D)	3	(D)	3	(D)
Tuscola	3	(D)	(D)	–	–	3	(D)	1	(D)
Van Buren	29	64	5 410	12	827	22	4 583	10	128 282
Wayne	3	(D)	(D)	3	(D)	2	(D)	–	–
All other counties	26	33	2 421	12	660	17	1 761	6	80 370
TART CHERRIES									
State Total									
Michigan 1997	900	37 098	3 810 415	413	531 217	833	3 279 198	725	221 279 296
1992	1 265	44 444	4 435 535	525	653 790	1 217	3 781 745	1 014	218 394 791
Counties, 1997									
Allegan	21	602	71 505	7	(D)	21	(D)	18	3 355 833
Alpena	3	1	(D)	2	(D)	1	(D)	1	(D)
Antrim	37	2 701	277 922	19	36 471	37	241 451	36	19 334 270
Barry	3	(Z)	11	1	(D)	2	(D)	–	–
Benzie	30	1 359	155 537	13	14 423	30	141 114	30	8 881 821
Berrien	108	2 795	302 362	45	45 535	105	256 827	81	10 287 101
Cass	8	(D)	(D)	3	(D)	8	26 213	6	(D)
Charlevoix	7	365	39 296	3	(D)	5	(D)	5	(D)
Eaton	6	5	(D)	2	(D)	5	344	3	(D)
Genesee	5	(D)	(D)	2	(D)	4	(D)	2	(D)
Grand Traverse	116	4 840	483 864	55	53 388	111	430 476	104	30 473 354
Hillsdale	4	1	(D)	2	(D)	2	(D)	1	(D)
Ingham	4	(D)	(D)	2	(D)	3	(D)	1	(D)
Ionia	3	(D)	(D)	1	(D)	2	(D)	1	(D)
Kalamazoo	7	(D)	(D)	2	(D)	7	12 799	7	(D)
Kent	11	553	56 985	4	8 157	10	48 828	10	2 384 883
Lapeer	6	12	357	2	(D)	5	(D)	2	(D)
Leelanau	179	8 777	897 892	86	131 472	177	766 420	168	67 252 106
Lenawee	8	7	887	3	(D)	5	(D)	3	(D)
Livingston	9	30	2 100	3	(D)	8	(D)	5	(D)
Macomb	6	4	169	4	95	4	74	4	(D)
Manistee	27	1 282	94 431	6	5 775	27	88 656	27	7 390 972
Mason	33	1 972	216 148	12	16 246	32	199 902	31	11 862 349
Midland	3	(Z)	10	1	(D)	2	(D)	2	(D)
Missaukee	3	1	(D)	3	(D)	1	(D)	–	–
Monroe	7	(D)	(D)	4	8	4	(D)	–	–
Muskegon	13	(D)	(D)	8	(D)	11	(D)	10	(D)
Newaygo	13	220	24 713	3	6 804	13	17 909	13	1 620 988
Oakland	4	1	82	2	(D)	2	(D)	2	(D)
Oceana	87	8 190	863 365	52	142 375	84	720 990	80	44 929 803
Osceola	6	7	(D)	5	49	2	(D)	1	(D)
Ottawa	12	289	30 314	6	(D)	11	(D)	10	1 388 520
Saginaw	4	(D)	(D)	3	(D)	2	(D)	1	(D)
St. Clair	4	(D)	(D)	3	13	1	(D)	1	(D)
Shiawassee	4	(D)	(D)	2	(D)	2	(D)	2	(D)
Van Buren	60	2 202	200 960	24	36 731	56	164 229	41	7 114 103
Washtenaw	3	(D)	(D)	1	(D)	3	(D)	2	(D)
All other counties	36	39	2 355	17	253	28	2 102	14	94 564

Table 31. **Fruits and Nuts: 1997 and 1992**—Con.

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

Geographic area	Total			Trees or vines of nonbearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
GRAPES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Michigan.....1997..	732	13 045	7 158 937	199	432 240	689	6 726 697	567	109 863 755
1992..	900	13 411	6 929 467	219	471 501	866	6 457 966	584	87 400 818
Counties, 1997									
Allegan	16	100	66 507	5	(D)	14	(D)	10	(D)
Alpena	3	(D)	(D)	–	–	3	(D)	2	(D)
Antrim	5	4	1 478	–	–	5	1 478	1	(D)
Barry	5	3	(D)	2	(D)	5	(D)	1	(D)
Bay	5	5	970	–	–	5	970	4	(D)
Berrien	279	5 908	3 146 391	61	160 994	272	2 985 397	259	47 044 048
Cass	6	641	(D)	1	(D)	6	(D)	6	7 527 616
Clinton	6	1	431	1	(D)	5	(D)	1	(D)
Emmet	5	5	1 134	1	(D)	4	(D)	2	(D)
Genesee	7	5	817	3	(D)	6	(D)	4	(D)
Grand Traverse	22	204	157 908	11	22 188	17	135 720	16	677 014
Hillsdale	4	(Z)	84	3	18	4	66	2	(D)
Ingham	3	(D)	(D)	2	(D)	2	(D)	2	(D)
Ionia	3	(D)	(D)	2	(D)	2	(D)	2	(D)
Isabella	3	1	398	–	–	3	398	1	(D)
Jackson	4	(D)	(D)	2	(D)	4	(D)	2	(D)
Kalamazoo.....	20	428	211 423	2	(D)	20	(D)	19	4 211 830
Kent	7	(D)	(D)	4	(D)	6	(D)	5	(D)
Lake	3	(D)	964	2	(D)	3	(D)	2	(D)
Lapeer	5	10	4 287	1	(D)	5	(D)	1	(D)
Leelanau	23	264	184 464	14	23 787	19	160 677	14	883 932
Lenawee	6	8	2 897	3	(D)	6	(D)	3	(D)
Macomb	10	13	7 613	2	(D)	10	(D)	6	42 465
Manistee	4	(D)	(D)	–	–	4	(D)	3	(D)
Mason.....	7	10	5 146	3	(D)	7	(D)	4	870
Mecosta	3	(D)	(D)	–	–	3	(D)	2	(D)
Menominee	3	(D)	(D)	2	(D)	3	(D)	2	(D)
Midland.....	4	1	(D)	1	(D)	4	(D)	2	(D)
Missaukee	4	5	2 493	1	(D)	4	(D)	4	(D)
Monroe	8	3	979	3	13	7	966	5	(D)
Montcalm	5	4	1 670	1	(D)	5	(D)	1	(D)
Muskegon	6	(D)	640	3	(D)	5	(D)	2	(D)
Newaygo	5	2	553	2	(D)	5	(D)	2	(D)
Oakland	7	24	8 361	1	(D)	6	(D)	6	(D)
Oceana.....	8	24	16 065	3	650	6	15 415	4	(D)
Osceola	5	1	289	2	(D)	4	(D)	–	–
Ottawa	5	5	1 611	–	–	5	1 611	3	(D)
Saginaw	4	1	177	2	(D)	3	(D)	2	(D)
St. Clair	7	4	820	2	(D)	6	(D)	2	(D)
St. Joseph	3	(D)	(D)	1	(D)	3	(D)	1	(D)
Shiawassee.....	6	3	1 166	2	(D)	4	(D)	2	(D)
Tuscola.....	5	(D)	(D)	1	(D)	5	(D)	3	(D)
Van Buren	145	5 185	2 802 877	37	153 434	142	2 649 443	135	47 557 190
Washtenaw	7	9	1 536	2	(D)	6	(D)	5	(D)
Wayne	3	2	(D)	2	(D)	2	(D)	–	–
All other counties	28	28	15 851	6	6 252	24	9 599	12	57 451
NECTARINES									
State Total									
Michigan.....1997..	47	71	7 512	25	1 258	38	6 254	38	358 543
1992..	106	310	34 568	49	3 248	91	31 320	68	1 069 835
Counties, 1997									
Berrien	21	50	5 017	12	1 000	18	4 017	18	242 954
Lenawee	3	(D)	280	–	–	3	280	3	(D)
Montcalm	3	1	(D)	3	(D)	–	–	–	–
Van Buren	4	5	426	3	50	4	376	4	22 498
All other counties	16	(D)	(D)	7	(D)	13	1 581	13	(D)
PEACHES									
State Total									
Michigan.....1997..	726	6 782	842 302	399	159 188	630	683 114	548	51 376 086
1992..	1 118	9 847	1 062 957	463	186 545	1 016	876 412	786	48 890 269
Counties, 1997									
Allegan	39	756	95 838	18	13 859	37	81 979	32	4 976 341
Alpena	3	(D)	(D)	3	(D)	1	(D)	1	(D)
Antrim	12	45	5 340	4	747	12	4 593	8	187 790
Barry	7	5	110	2	(D)	7	(D)	5	(D)
Benzie	6	8	1 404	3	(D)	5	(D)	3	20 800
Berrien	181	2 449	324 971	109	71 466	170	253 505	161	20 499 947
Calhoun	3	(Z)	10	–	–	3	10	2	(D)
Cass	7	38	4 815	4	727	7	4 088	7	213 943
Charlevoix	4	(D)	(D)	4	(D)	–	–	–	–
Clinton	8	2	174	4	43	5	131	4	(D)

Table 31. **Fruits and Nuts: 1997 and 1992**—Con.

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

Geographic area	Total			Trees or vines of nonbearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
PEACHES—Con.									
Counties, 1997—Con.									
Eaton	10	11	982	7	176	9	806	5	40 347
Genesee	3	(Z)	(D)	3	5	2	(D)	2	(D)
Grand Traverse	17	26	1 955	5	548	16	1 407	14	69 356
Hillsdale	6	(D)	(D)	5	(D)	5	(D)	4	(D)
Ingham	4	(D)	(D)	2	(D)	3	(D)	2	(D)
Ionia	8	17	2 165	4	(D)	6	(D)	5	85 217
Isabella	4	1	(D)	2	(D)	2	(D)	2	(D)
Kalamazoo	5	28	1 980	3	470	5	1 510	5	61 450
Kent	23	155	27 534	13	3 156	23	24 378	21	1 383 916
Lapeer	10	20	2 183	6	572	7	1 611	5	(D)
Leelanau	17	47	5 186	8	847	16	4 339	10	(D)
Lenawee	18	45	6 131	12	1 164	12	4 967	10	246 780
Livingston	7	(D)	(D)	4	101	5	(D)	3	(D)
Macomb	9	38	4 032	3	(D)	9	(D)	8	275 855
Manistee	19	108	12 104	8	875	17	11 229	15	786 510
Mason	20	367	44 029	9	10 029	17	34 000	14	2 956 957
Mecosta	3	(D)	(D)	2	(D)	3	(D)	3	(D)
Midland	3	(Z)	10	1	(D)	2	(D)	2	(D)
Monroe	14	16	2 475	11	(D)	10	(D)	7	(D)
Montcalm	4	(D)	(D)	3	(D)	3	(D)	2	(D)
Muskegon	9	62	6 979	6	(D)	5	(D)	5	269 335
Newaygo	9	87	12 420	6	2 218	9	10 202	9	552 120
Oakland	9	10	921	4	62	8	859	6	(D)
Oceana	79	1 426	169 815	36	28 853	76	140 962	74	12 747 240
Osceola	3	(D)	17	3	17	–	–	–	–
Ottawa	22	207	22 228	16	8 008	17	14 220	16	1 343 500
Presque Isle	3	(Z)	11	3	(D)	1	(D)	1	(D)
Saginaw	4	(D)	(D)	3	6	2	(D)	1	(D)
St. Clair	8	3	248	6	(D)	4	(D)	1	(D)
Sanilac	9	19	929	7	488	7	441	6	(D)
Shiawassee	5	1	57	4	(D)	2	(D)	2	(D)
Van Buren	65	618	66 184	25	5 816	61	60 368	55	3 394 674
Washtenaw	4	(D)	(D)	3	(D)	4	(D)	3	(D)
Wayne	3	(D)	(D)	2	(D)	2	(D)	–	–
All other counties	20	28	3 603	13	431	13	3 172	7	94 032
PEARS									
State Total									
Michigan 1997	287	906	86 498	108	9 176	235	77 322	172	7 894 867
1992	423	1 399	128 358	116	7 644	375	120 714	268	11 282 131
Counties, 1997									
Allegan	23	138	12 594	1	(D)	22	(D)	17	1 127 968
Alpena	3	(D)	(D)	2	(D)	2	(D)	2	(D)
Antrim	7	26	2 232	3	(D)	5	(D)	5	164 441
Barry	5	1	30	2	(D)	5	(D)	4	140
Benzie	4	20	1 930	–	–	4	1 930	4	381 000
Berrien	25	85	10 087	7	986	23	9 101	19	441 422
Genesee	9	9	703	2	(D)	8	(D)	7	88 792
Gladwin	3	1	11	1	(D)	3	(D)	3	150
Hillsdale	3	(D)	(D)	2	(D)	3	(D)	1	(D)
Ingham	3	(D)	(D)	2	(D)	1	(D)	–	–
Ionia	3	1	(D)	1	(D)	2	(D)	–	–
Jackson	5	3	154	1	(D)	5	(D)	4	(D)
Kalamazoo	4	(D)	(D)	3	(D)	4	(D)	4	3 500
Kent	5	13	1 185	–	–	5	1 185	3	126 010
Lapeer	4	2	51	2	(D)	2	(D)	–	–
Leelanau	8	17	1 476	4	(D)	6	(D)	4	103 660
Lenawee	9	2	220	4	95	5	125	1	(D)
Livingston	5	4	(D)	3	8	4	(D)	3	(D)
Macomb	9	15	759	1	(D)	9	(D)	6	48 460
Manistee	4	(D)	655	3	60	3	595	3	(D)
Marquette	3	(D)	(D)	2	(D)	1	(D)	–	–
Mason	13	79	8 003	4	153	13	7 850	11	772 722
Midland	4	1	13	3	6	3	7	1	(D)
Monroe	5	1	59	3	(D)	3	(D)	2	(D)
Montcalm	5	2	138	5	(D)	2	(D)	–	–
Muskegon	4	4	524	–	–	4	524	1	(D)
Newaygo	3	19	2 113	1	(D)	3	(D)	3	142 250
Oakland	6	2	166	4	82	4	84	4	1 126
Oceana	17	230	21 521	6	4 592	16	16 929	15	2 795 263
Osceola	5	3	130	5	130	–	–	–	–
Ottawa	6	16	1 161	4	(D)	6	(D)	5	127 550
Saginaw	5	4	533	2	(D)	3	(D)	3	(D)
St. Clair	5	1	48	2	(D)	5	(D)	3	450
Shiawassee	5	2	(D)	2	(D)	3	(D)	–	–
Tuscola	3	1	(D)	1	(D)	3	(D)	2	(D)
Van Buren	20	113	11 019	6	(D)	17	(D)	15	993 252
Washtenaw	6	17	2 070	2	(D)	6	(D)	5	(D)
All other counties	31	46	4 525	12	64	22	4 461	12	240 910

Table 31. **Fruits and Nuts: 1997 and 1992**—Con.

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

Geographic area	Total			Trees or vines of nonbearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
PLUMS AND PRUNES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Michigan.....1997..	270	1 294	152 891	128	21 806	230	131 085	198	7 991 444
1992..	478	2 949	315 660	121	34 161	444	281 499	330	15 827 023
Counties, 1997									
Allegan	8	61	7 917	2	(D)	8	(D)	7	350 200
Berrien	57	210	23 141	28	3 182	51	19 959	47	1 470 696
Cass	5	19	2 580	3	(D)	4	(D)	4	(D)
Eaton	3	1	16	1	(D)	2	(D)	–	–
Genesee	3	(D)	(D)	1	(D)	3	(D)	3	(D)
Gladwin	4	1	78	4	(D)	3	(D)	2	(D)
Grand Traverse	14	64	7 397	7	1 382	11	6 015	11	316 851
Kent	5	13	1 407	1	(D)	4	(D)	4	100 650
Leelanau	23	233	25 391	11	6 165	22	19 226	21	1 251 064
Lenawee	9	7	490	6	134	8	356	6	12 260
Livingston.....	3	(D)	(D)	2	(D)	1	(D)	1	(D)
Macomb	6	7	506	2	(D)	6	(D)	6	34 975
Mason.....	10	129	14 186	4	2 042	10	12 144	9	1 235 317
Midland.....	3	(D)	10	3	(D)	2	(D)	–	–
Montcalm	3	(D)	235	2	(D)	1	(D)	1	(D)
Newaygo	4	(D)	(D)	4	(D)	4	(D)	4	(D)
Oakland	3	(D)	(D)	3	(D)	2	(D)	2	(D)
Oceana.....	18	219	23 953	4	1 690	18	22 263	17	1 547 268
Osceola	3	1	(D)	2	(D)	1	(D)	–	–
Ottawa	9	17	1 687	2	(D)	9	(D)	9	191 364
Van Buren	34	217	35 130	11	1 644	29	33 486	24	1 026 410
Washtenaw	3	3	178	2	(D)	3	(D)	3	2 600
All other counties	40	78	7 837	23	3 907	28	3 930	17	225 410
FILBERTS AND HAZELNUTS (IN SHELL)									
State Total									
Michigan.....1997..	3	3	172	3	(D)	2	(D)	1	(D)
1992..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
ENGLISH WALNUTS (IN SHELL)									
State Total									
Michigan.....1997..	13	120	3 312	13	(D)	5	(D)	2	(D)
1992..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
OTHER NUTS (IN SHELL)									
State Total									
Michigan.....1997..	32	178	10 559	32	9 369	10	1 190	4	(D)
1992..	44	175	10 468	41	8 002	11	2 466	3	(D)
Counties, 1997									
Lapeer	3	10	800	3	800	–	–	–	–
Leelanau	3	(D)	450	3	450	–	–	–	–
All other counties	26	(D)	9 309	26	8 119	10	1 190	4	(D)
OTHER FRUITS AND NUTS (SEE TEXT)									
State Total									
Michigan.....1997..	110	435	50 359	93	39 081	52	11 278	25	160 078
1992..	46	108	5 804	34	3 339	27	2 465	12	15 182
Counties, 1997									
Allegan	6	55	1 308	5	(D)	1	(D)	1	(D)
Antrim	4	7	811	4	(D)	2	(D)	1	(D)
Berrien	4	(D)	(D)	4	(D)	2	(D)	1	(D)
Branch	4	29	2 610	3	(D)	2	(D)	1	(D)
Cass	3	16	400	3	(D)	1	(D)	1	(D)
Clinton	3	(D)	58	–	–	3	58	3	560
Ingham	5	20	861	5	(D)	2	(D)	–	–
Leelanau	5	14	687	5	687	–	–	–	–
Lenawee	5	76	(D)	4	(D)	3	4 050	1	(D)
Macomb	4	(D)	496	3	(D)	2	(D)	1	(D)
Midland.....	3	3	90	3	90	–	–	–	–
Muskegon	4	(D)	(D)	4	848	3	(D)	1	(D)
Ottawa	3	(D)	(D)	1	(D)	3	(D)	1	(D)
Shiawassee.....	4	(D)	(D)	4	(D)	2	(D)	2	(D)
Van Buren	9	43	4 958	8	(D)	2	(D)	1	(D)
All other counties	44	90	6 196	37	3 539	24	2 657	10	2 218

Table 32. **Berries Harvested for Sale: 1997 and 1992**

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BERRIES										
State Total										
Michigan	1 147	18 760	(X)	591	10 808	1 328	17 798	(X)	696	11 405
Counties										
Alger	4	(D)	(X)	4	13	5	(D)	(X)	5	(D)
Allegan	91	1 885	(X)	35	(D)	102	(D)	(X)	50	836
Alpena	10	58	(X)	6	(D)	12	(D)	(X)	6	(D)
Antrim	11	(D)	(X)	6	(D)	9	22	(X)	6	19
Barry	7	14	(X)	2	(D)	8	(D)	(X)	4	(D)
Bay	10	(D)	(X)	5	19	11	48	(X)	4	(D)
Benzie	6	8	(X)	3	6	7	(D)	(X)	4	9
Berrien	130	(D)	(X)	54	593	171	1 408	(X)	65	669
Branch	7	18	(X)	5	(D)	8	19	(X)	4	(D)
Calhoun	10	13	(X)	7	8	8	(D)	(X)	2	(D)
Cass	9	90	(X)	8	82	14	52	(X)	11	50
Chippewa	5	21	(X)	2	(D)	3	(D)	(X)	1	(D)
Clinton	8	83	(X)	2	(D)	12	(D)	(X)	7	(D)
Delta	8	22	(X)	5	(D)	8	22	(X)	5	21
Eaton	9	16	(X)	4	8	14	(D)	(X)	9	(D)
Emmet	11	19	(X)	5	(D)	6	(D)	(X)	4	10
Genesee	8	(D)	(X)	6	(D)	20	187	(X)	16	(D)
Gladwin	6	(D)	(X)	1	(D)	7	(D)	(X)	2	(D)
Grand Traverse	15	28	(X)	6	14	14	48	(X)	9	39
Gratiot	13	(D)	(X)	10	(D)	10	23	(X)	8	21
Hillsdale	4	18	(X)	3	(D)	9	(D)	(X)	4	(D)
Houghton	18	(D)	(X)	12	(D)	21	77	(X)	12	37
Ingham	10	68	(X)	6	(D)	11	63	(X)	5	(D)
Ionia	10	(D)	(X)	2	(D)	10	(D)	(X)	7	(D)
Iosco	4	11	(X)	1	(D)	8	(D)	(X)	1	(D)
Isabella	10	(D)	(X)	5	20	6	10	(X)	3	9
Jackson	8	(D)	(X)	6	(D)	8	23	(X)	7	21
Kalamazoo	5	22	(X)	2	(D)	16	75	(X)	6	(D)
Kent	24	132	(X)	16	(D)	35	(D)	(X)	24	(D)
Lapeer	9	41	(X)	4	(D)	9	(D)	(X)	5	46
Leelanau	13	(D)	(X)	11	(D)	15	(D)	(X)	13	(D)
Lenawee	17	(D)	(X)	10	(D)	17	41	(X)	7	(D)
Livingston	13	(D)	(X)	6	38	12	(D)	(X)	8	56
Macomb	10	(D)	(X)	5	(D)	10	59	(X)	3	26
Manistee	13	(D)	(X)	10	76	17	(D)	(X)	17	(D)
Marquette	3	(D)	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Mason	15	(D)	(X)	8	(D)	9	53	(X)	7	(D)
Mecosta	8	14	(X)	4	13	10	(D)	(X)	8	(D)
Midland	3	(D)	(X)	2	(D)	6	17	(X)	3	4
Monroe	13	(D)	(X)	4	(D)	10	39	(X)	4	(D)
Montcalm	18	(D)	(X)	11	(D)	12	(D)	(X)	11	(D)
Muskegon	31	(D)	(X)	13	(D)	28	(D)	(X)	11	(D)
Newaygo	9	55	(X)	3	(D)	11	(D)	(X)	9	(D)
Oakland	5	46	(X)	4	(D)	16	(D)	(X)	9	(D)
Oceana	14	76	(X)	6	47	8	(D)	(X)	3	24
Otsego	3	(D)	(X)	3	(D)	1	(D)	(X)	1	(D)
Ottawa	142	5 711	(X)	102	3 890	165	5 036	(X)	108	(D)
Saginaw	25	(D)	(X)	11	77	23	(D)	(X)	9	62
St. Clair	9	47	(X)	3	34	19	61	(X)	3	31
St. Joseph	9	33	(X)	6	24	9	(D)	(X)	7	22
Sanilac	8	57	(X)	5	(D)	8	80	(X)	5	79
Schoolcraft	4	17	(X)	3	(D)	8	21	(X)	3	(D)
Shiawassee	4	(D)	(X)	2	(D)	7	10	(X)	4	(D)
Tuscola	14	(D)	(X)	6	24	9	44	(X)	3	3
Van Buren	213	6 779	(X)	84	3 631	229	6 082	(X)	93	4 137
Washtenaw	14	72	(X)	12	66	22	158	(X)	13	(D)
Wayne	7	9	(X)	1	(D)	14	(D)	(X)	6	16
All other counties	30	78	(X)	22	59	(NA)	(NA)	(X)	(NA)	(NA)
BLACKBERRIES (POUNDS)										
State Total										
Michigan	43	37	59 853	16	11	52	63	70 300	23	20
Counties										
Berrien	14	5	6 220	2	(D)	8	3	10 094	3	(Z)
Cass	3	(D)	1 300	1	(D)	3	(Z)	1 300	1	(D)
Van Buren	3	(D)	(D)	1	(D)	6	3	2 355	3	2
All other counties	23	22	(D)	12	9	(NA)	(NA)	(NA)	(NA)	(NA)
TAME BLUEBERRIES (POUNDS)										
State Total										
Michigan	623	16 541	69 636 457	289	9 360	697	14 928	35 907 750	314	9 228

Table 32. **Berries Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
TAME BLUEBERRIES (POUNDS)—Con.										
Counties										
Allegan	77	1 795	7 291 639	29	840	91	1 673	3 353 349	43	801
Berrien	67	1 265	4 688 829	15	367	88	973	2 262 519	23	352
Cass	5	(D)	12 980	5	(D)	5	(D)	(D)	4	(D)
Genesee	4	(D)	(D)	1	(D)	6	66	(D)	3	(D)
Grand Traverse	3	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Houghton	4	4	1 436	1	(D)	4	12	8 972	2	(D)
Ingham	4	10	20 713	2	(D)	5	14	13 825	2	(D)
Jackson	5	14	53 671	3	12	3	6	15 718	2	(D)
Kent	9	43	161 710	5	23	8	53	129 295	6	35
Lenawee	3	3	4 800	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Livingston	4	22	18 900	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Mason	4	48	116 160	3	46	(NA)	(NA)	(NA)	(NA)	(NA)
Mecosta	3	(D)	(D)	2	(D)	3	(D)	54 650	1	(D)
Montcalm	10	21	28 087	6	17	7	(D)	(D)	6	(D)
Muskegon	26	579	2 096 806	10	383	27	574	1 617 360	10	309
Newaygo	4	(D)	(D)	2	(D)	4	98	149 715	3	55
Oceana	4	34	84 400	1	(D)	4	24	36 000	–	–
Ottawa	131	5 672	26 719 726	93	3 857	147	4 976	16 369 931	92	3 392
Saginaw	14	79	143 726	5	31	10	128	208 987	4	26
St. Joseph	5	11	14 000	4	4	3	2	2 216	2	(D)
Tuscola	5	22	62 053	2	(D)	3	33	(D)	–	–
Van Buren	195	6 635	27 512 498	74	3 548	213	5 868	10 698 572	80	3 929
All other counties	37	152	349 009	22	76	(NA)	(NA)	(NA)	(NA)	(NA)
CRANBERRIES (CWT)										
State Total										
Michigan	8	37	2 893	5	27	(NA)	(NA)	(NA)	(NA)	(NA)
Counties										
Van Buren	3	(D)	260	3	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	5	(D)	2 633	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
CURRANTS (POUNDS)										
State Total										
Michigan	1	(D)	(D)	–	–	7	2	4 646	3	(Z)
Counties										
Berrien	1	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
RASPBERRIES (POUNDS)										
State Total										
Michigan	322	630	817 344	158	288	357	667	850 460	170	361
Counties										
Allegan	7	13	12 063	3	2	10	21	34 720	5	19
Alpena	6	21	43 409	4	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Antrim	5	10	13 150	3	5	5	10	10 480	3	8
Benzie	4	3	3 800	2	(D)	3	4	3 300	2	(D)
Berrien	41	175	204 805	20	83	61	126	181 323	15	28
Branch	3	2	1 750	2	(D)	4	(D)	(D)	1	(D)
Calhoun	4	1	1 930	2	(D)	4	1	490	2	(D)
Cass	7	9	3 760	4	3	8	9	12 770	8	9
Clinton	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Delta	4	8	7 896	3	8	5	4	2 162	2	(D)
Eaton	5	5	3 350	1	(D)	5	17	15 628	1	(D)
Emmet	9	13	18 322	3	(D)	5	7	9 740	3	(D)
Genesee	3	10	12 200	3	10	6	28	28 984	4	15
Grand Traverse	12	15	19 015	5	5	7	22	21 650	6	19
Gratiot	5	2	980	4	2	4	2	780	3	1
Houghton	6	2	2 972	5	1	6	16	28 175	3	(D)
Ingham	6	18	23 600	4	(D)	5	(D)	(D)	3	(D)
Ionia	6	21	22 878	1	(D)	7	5	7 400	4	2
Iosco	3	(D)	(D)	–	–	3	1	(D)	1	(D)
Isabella	3	1	1 667	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson	3	1	575	3	1	3	1	(D)	3	1
Kalamazoo	3	1	1 916	1	(D)	7	5	4 117	2	(D)
Kent	7	24	29 942	2	(D)	12	26	27 985	6	12
Lapeer	5	(D)	14 565	1	(D)	6	18	14 900	2	(D)
Leelanau	8	6	9 375	5	5	8	6	5 500	6	4
Lenawee	8	5	4 956	3	4	11	8	7 145	3	4
Livingston	10	72	144 360	4	(D)	8	36	55 550	4	(D)
Macomb	7	8	13 224	1	(D)	5	12	20 162	1	(D)
Manistee	6	5	11 586	4	5	7	6	5 614	6	6
Mason	8	7	8 260	2	(D)	5	1	1 124	4	1

Table 32. **Berries Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
RASPBERRIES (POUNDS)—Con.										
Counties—Con.										
Mecosta	4	3	2 239	2	(D)	7	28	14 400	5	8
Monroe	5	10	11 322	2	(D)	6	8	7 633	3	4
Montcalm	6	5	4 670	4	4	4	4	2 150	4	4
Muskegon	4	2	1 950	1	(D)	–	–	–	–	–
Oakland	4	19	(D)	2	(D)	6	33	74 531	4	33
Oceana	6	5	5 810	3	(D)	–	–	–	–	–
Ottawa	6	3	(D)	6	3	9	6	17 118	8	6
Saginaw	7	8	11 003	5	8	9	12	11 560	3	5
St. Clair	3	(D)	6 600	–	–	13	13	20 360	–	–
St. Joseph	3	7	6 200	3	7	5	8	12 450	5	8
Sanilac	4	(D)	1 850	3	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Shiawassee	3	2	2 635	1	(D)	4	2	2 275	3	2
Tuscola	4	3	1 988	3	2	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren	12	24	24 538	7	18	17	67	69 222	13	63
Washtenaw	8	24	14 421	6	19	6	17	29 236	5	16
Wayne	5	6	4 220	1	(D)	6	4	5 370	1	(D)
All other counties	31	26	28 756	13	6	(NA)	(NA)	(NA)	(NA)	(NA)
STRAWBERRIES (POUNDS)										
State Total										
Michigan	363	1 498	5 590 914	248	1 120	453	2 131	8 857 667	311	1 795
Counties										
Alger	4	13	42 950	4	13	3	15	43 000	3	15
Allegan	10	70	343 652	5	22	5	17	86 655	4	17
Alpena	7	37	94 770	4	26	10	78	148 840	5	63
Antrim	6	15	60 523	3	8	7	12	15 500	6	11
Barry	4	10	27 200	2	(D)	6	6	8 550	4	4
Bay	8	25	70 710	5	19	8	41	49 966	4	37
Berrien	33	163	841 416	25	142	46	305	1 938 591	32	289
Branch	6	16	17 932	5	14	5	7	9 040	4	6
Calhoun	5	6	(D)	5	6	5	6	5 438	1	(D)
Cass	4	(D)	41 000	4	(D)	7	(D)	(D)	5	(D)
Chippewa	3	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Clinton	5	(D)	(D)	1	(D)	8	34	85 926	6	13
Delta	3	(D)	(D)	2	(D)	5	19	(D)	4	(D)
Eaton	3	(D)	(D)	1	(D)	11	15	49 450	8	15
Emmet	4	6	11 500	3	4	(NA)	(NA)	(NA)	(NA)	(NA)
Genesee	5	27	77 500	5	27	12	93	316 732	12	93
Gladwin	5	2	1 950	1	(D)	4	(D)	(D)	2	(D)
Grand Traverse	5	9	12 170	4	9	3	(D)	(D)	3	(D)
Gratiot	9	16	36 175	7	14	4	7	21 200	3	6
Houghton	13	44	154 250	11	34	16	49	93 246	10	26
Ingham	4	(D)	(D)	3	(D)	5	(D)	(D)	2	(D)
Ionia	4	7	(D)	1	(D)	7	19	47 960	6	18
Isabella	5	19	58 350	2	(D)	3	9	20 000	3	9
Kent	15	66	229 220	13	65	21	112	259 200	15	68
Lapeer	5	33	150 916	4	31	5	36	235 790	5	36
Leelanau	10	25	172 237	9	25	10	162	632 086	10	149
Lenawee	10	24	140 988	8	21	10	31	65 155	6	17
Livingston	5	15	(D)	3	(D)	5	24	25 220	4	24
Macomb	8	68	196 566	4	26	8	47	217 898	2	(D)
Manistee	10	71	438 232	10	71	12	140	607 546	12	140
Mason	4	9	48 200	3	8	(NA)	(NA)	(NA)	(NA)	(NA)
Monroe	11	28	90 756	4	(D)	6	31	103 902	2	(D)
Montcalm	10	17	52 070	6	15	5	4	3 000	5	4
Muskegon	5	11	26 800	3	7	(NA)	(NA)	(NA)	(NA)	(NA)
Newaygo	5	(D)	(D)	2	(D)	6	9	64 274	5	9
Oceana	7	37	79 600	5	24	4	28	129 696	3	24
Ottawa	11	30	192 581	8	25	15	31	214 577	11	26
Saginaw	12	43	141 881	6	38	8	39	155 200	5	32
St. Clair	5	17	102 500	2	(D)	10	23	113 575	2	(D)
St. Joseph	7	15	68 170	5	13	8	12	32 948	7	12
Sanilac	4	(D)	(D)	2	(D)	5	16	86 530	3	15
Schoolcraft	3	(D)	(D)	3	(D)	7	18	50 800	3	(D)
Tuscola	6	15	21 450	1	(D)	5	10	24 528	2	(D)
Van Buren	9	97	426 660	7	55	11	144	951 741	9	143
Washtenaw	9	48	165 100	9	48	18	112	372 114	10	75
Wayne	5	3	21 814	–	–	4	9	27 500	1	(D)
All other counties	32	116	401 487	27	104	(NA)	(NA)	(NA)	(NA)	(NA)
OTHER BERRIES (POUNDS)										
State Total										
Michigan	16	(D)	33 742	3	2	(NA)	(NA)	(NA)	(NA)	(NA)
Counties										
Berrien	3	2	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren	3	(D)	2 610	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	10	9	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)

Table 33. Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992

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

Geographic area	1997				1992			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
NURSERY AND GREENHOUSE CROPS (SEE TEXT)								
State Total								
Michigan	3 548	55 853 413	94 007	478 448	1 928	37 811 903	29 517	309 521
Counties								
Alcona	15	(D)	526	728	5	(D)	(D)	(D)
Alger	6	(D)	59	102	3	(D)	(D)	(D)
Allegan	127	1 773 912	3 500	27 892	73	1 240 730	2 417	25 335
Alpena	18	17 000	175	(D)	6	27 836	1	94
Antrim	36	59 850	1 030	859	15	63 429	54	483
Arenac	14	(D)	156	(D)	5	18 200	10	41
Baraga	9	(D)	(D)	241	3	(D)	(D)	33
Barry	18	145 000	157	971	15	126 098	12	449
Bay	42	425 464	557	2 395	30	301 860	197	1 956
Benzie	21	(D)	1 133	848	5	37 477	(D)	197
Berrien	134	654 862	1 138	7 037	90	964 334	753	8 158
Branch	25	120 292	1 514	5 909	18	125 553	1 466	6 970
Calhoun	42	(D)	1 052	6 325	23	(D)	236	4 393
Cass	41	230 506	288	2 520	20	140 114	72	(D)
Charlevoix	19	25 024	98	275	8	(D)	30	(D)
Cheboygan	35	(D)	1 662	650	10	65 300	20	126
Chippewa	12	1 584	325	955	3	–	(D)	12
Clare	16	15 740	502	242	4	(D)	10	(D)
Clinton	47	86 640	698	2 141	31	81 752	1 609	2 103
Crawford	5	–	80	15	(NA)	(NA)	(NA)	(NA)
Delta	20	(D)	527	296	6	(D)	39	343
Dickinson	20	2 320	436	441	8	98 100	314	695
Eaton	49	154 383	808	2 409	25	(D)	473	1 883
Emmet	26	51 719	208	783	8	38 242	(D)	447
Genesee	80	220 196	657	3 591	56	231 615	703	2 931
Gladwin	13	(D)	166	(D)	5	1 000	26	33
Gogebic	6	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Grand Traverse	50	98 500	770	1 268	20	114 724	40	570
Gratiot	18	30 125	156	(D)	14	67 321	19	439
Hillsdale	23	302 992	229	(D)	14	(D)	21	(D)
Houghton	11	29 422	74	209	6	45 350	(D)	347
Huron	10	–	120	150	6	(D)	25	107
Ingham	67	343 563	2 579	4 969	36	240 427	1 012	2 888
Ionia	32	118 817	664	1 637	14	40 652	260	624
Iosco	16	(D)	202	137	7	14 636	7	88
Iron	4	(D)	(D)	13	(NA)	(NA)	(NA)	(NA)
Isabella	23	(D)	595	643	(NA)	(NA)	(NA)	(NA)
Jackson	62	242 066	923	3 641	33	244 818	130	1 273
Kalamazoo	105	8 121 903	602	42 777	99	8 056 561	341	31 297
Kalkaska	48	(D)	2 254	778	(NA)	(NA)	(NA)	(NA)
Kent	121	5 512 007	780	42 908	90	3 951 550	463	28 101
Lake	14	(D)	893	420	–	–	–	–
Lapeer	78	497 168	1 266	5 646	46	358 890	995	2 435
Leelanau	46	140 358	492	948	16	44 871	20	274
Lenawee	30	173 070	167	839	26	138 670	160	693
Livingston	82	227 210	1 391	4 195	43	121 393	613	2 490
Luce	10	21 272	564	1 096	9	14 640	375	209
Mackinac	8	(D)	103	144	(NA)	(NA)	(NA)	(NA)
Macomb	121	2 530 972	1 482	25 761	109	2 073 454	1 403	15 866
Manistee	65	31 133	4 088	1 980	16	38 728	196	1 176
Marquette	16	(D)	253	245	5	(D)	13	(D)
Mason	46	163 950	2 085	4 473	23	41 400	717	1 985
Mecosta	22	2 900	568	263	7	(D)	(D)	246
Menominee	52	18 536	1 796	699	6	(D)	2	29
Midland	21	49 130	399	335	12	8 202	18	215
Missaukee	65	–	5 104	2 380	7	(D)	221	206
Monroe	108	2 468 648	798	28 126	84	2 673 697	721	13 618
Montcalm	60	40 292	6 281	9 408	14	28 840	154	426
Montmorency	3	–	33	(D)	–	–	–	–
Muskegon	53	1 212 656	911	6 240	34	1 077 584	48	4 335
Newaygo	36	78 920	1 290	1 355	18	67 520	179	461
Oakland	128	1 889 206	1 126	24 270	91	1 480 275	636	17 095
Oceana	87	(D)	6 856	2 558	8	(D)	(D)	(D)
Ogemaw	13	86 400	262	396	5	(D)	21	(D)
Ontonagon	4	–	100	4	–	–	–	–
Osceola	38	(D)	1 623	1 216	4	22 112	(D)	55
Oscoda	4	(D)	(D)	15	(NA)	(NA)	(NA)	(NA)
Otsego	17	(D)	183	282	–	–	–	–
Ottawa	213	19 200 281	8 243	105 721	171	5 475 467	6 726	72 229
Presque Isle	13	32 006	63	241	2	(D)	–	(D)
Roscommon	5	(D)	37	148	2	(D)	(D)	(D)
Saginaw	66	477 824	990	4 976	31	588 887	395	3 708
St. Clair	69	656 248	652	5 314	37	498 046	614	3 483
St. Joseph	30	116 898	498	1 547	21	37 566	395	1 217
Sanilac	31	99 788	1 924	6 531	20	81 860	1 248	2 355
Schoolcraft	1	–	(D)	(D)	–	–	–	–
Shiawassee	29	8 570	1 064	2 260	19	15 003	348	741
Tuscola	34	82 296	876	736	14	30 800	61	135
Van Buren	105	1 568 710	2 076	17 950	60	1 243 235	413	12 159
Washtenaw	88	885 688	1 453	8 128	54	802 526	426	5 711
Wayne	87	2 826 529	1 032	21 025	82	2 647 523	749	17 101
Wexford	64	59 406	6 848	4 476	5	(D)	(D)	294

USDA, National Agricultural Statistics Service

Table 33. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
NURSERY, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)								
State Total								
Michigan	755	(X)	21 388	(X)	617	(X)	16 857	(X)
Counties								
Allegan	37	(X)	1 030	(X)	31	(X)	589	(X)
Antrim	4	(X)	(D)	(X)	6	(X)	16	(X)
Barry	4	(X)	5	(X)	4	(X)	7	(X)
Bay	7	(X)	40	(X)	5	(X)	19	(X)
Berrien	34	(X)	350	(X)	24	(X)	318	(X)
Branch	11	(X)	429	(X)	9	(X)	1 459	(X)
Calhoun	5	(X)	12	(X)	4	(X)	16	(X)
Cass	9	(X)	118	(X)	6	(X)	12	(X)
Charlevoix	5	(X)	9	(X)	4	(X)	5	(X)
Cheboygan	9	(X)	70	(X)	5	(X)	15	(X)
Clinton	7	(X)	(D)	(X)	10	(X)	(D)	(X)
Dickinson	3	(X)	(D)	(X)	6	(X)	(D)	(X)
Eaton	11	(X)	(D)	(X)	9	(X)	49	(X)
Emmet	6	(X)	14	(X)	(NA)	(X)	(NA)	(X)
Genesee	21	(X)	166	(X)	19	(X)	535	(X)
Grand Traverse	12	(X)	27	(X)	8	(X)	15	(X)
Hillsdale	3	(X)	(D)	(X)	8	(X)	20	(X)
Ingham	10	(X)	(D)	(X)	7	(X)	(D)	(X)
Ionia	4	(X)	32	(X)	6	(X)	107	(X)
Isabella	6	(X)	6	(X)	(NA)	(X)	(NA)	(X)
Jackson	18	(X)	215	(X)	3	(X)	(D)	(X)
Kalamazoo	15	(X)	69	(X)	25	(X)	96	(X)
Kalkaska	5	(X)	77	(X)	–	(X)	–	(X)
Kent	27	(X)	83	(X)	30	(X)	103	(X)
Lapeer	21	(X)	637	(X)	15	(X)	605	(X)
Leelanau	20	(X)	34	(X)	7	(X)	9	(X)
Lenawee	7	(X)	31	(X)	10	(X)	26	(X)
Livingston	22	(X)	156	(X)	22	(X)	161	(X)
Macomb	36	(X)	1 011	(X)	36	(X)	1 076	(X)
Manistee	14	(X)	284	(X)	6	(X)	107	(X)
Mason	17	(X)	317	(X)	8	(X)	229	(X)
Missaukee	5	(X)	75	(X)	–	(X)	–	(X)
Monroe	21	(X)	265	(X)	15	(X)	38	(X)
Montcalm	8	(X)	(D)	(X)	5	(X)	(D)	(X)
Muskegon	11	(X)	53	(X)	13	(X)	29	(X)
Newaygo	6	(X)	59	(X)	8	(X)	48	(X)
Oakland	45	(X)	365	(X)	38	(X)	454	(X)
Oceana	6	(X)	164	(X)	5	(X)	(D)	(X)
Otsego	3	(X)	4	(X)	–	(X)	–	(X)
Ottawa	78	(X)	6 028	(X)	58	(X)	5 845	(X)
Saginaw	13	(X)	99	(X)	11	(X)	193	(X)
St. Clair	13	(X)	100	(X)	8	(X)	84	(X)
St. Joseph	8	(X)	(D)	(X)	10	(X)	370	(X)
Sanilac	9	(X)	(D)	(X)	7	(X)	732	(X)
Shiawassee	6	(X)	(D)	(X)	5	(X)	(D)	(X)
Tuscola	6	(X)	11	(X)	(NA)	(X)	(NA)	(X)
Van Buren	25	(X)	1 200	(X)	17	(X)	248	(X)
Washtenaw	20	(X)	260	(X)	19	(X)	184	(X)
Wayne	24	(X)	418	(X)	18	(X)	329	(X)
Wexford	7	(X)	121	(X)	(NA)	(X)	(NA)	(X)
All other counties	31	(X)	190	(X)	(NA)	(X)	(NA)	(X)
FLORICULTURE CROPS—BEDDING/GARDEN PLANTS, FOLIAGE, POTTED FLOWERING PLANTS, AND CUT FLOWERS, TOTAL								
State Total								
Michigan	1 292	38 702 673	4 198	273 501	1 067	33 236 191	2 979	176 687
Counties								
Alcona	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Alger	3	(D)	(D)	57	(NA)	(NA)	(NA)	(NA)
Allegan	54	955 348	(D)	6 965	42	665 508	109	4 817
Alpena	3	(D)	–	24	4	22 700	–	76
Antrim	7	(D)	15	237	8	34 029	(D)	177
Arenac	3	(D)	(D)	(D)	4	(D)	(D)	(D)
Barry	6	145 000	(D)	897	11	79 904	2	342
Bay	22	(D)	(D)	2 036	24	292 380	(D)	1 752
Benzie	3	(D)	(D)	(D)	4	37 477	(D)	(D)
Berrien	67	562 528	280	3 845	48	484 196	54	1 668

USDA, National Agricultural Statistics Service

Table 33. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
FLORICULTURE CROPS—BEDDING/GARDEN PLANTS, FOLIAGE, POTTED FLOWERING PLANTS, AND CUT FLOWERS, TOTAL—Con.								
Counties—Con.								
Branch	19	(D)	1 474	5 833	16	(D)	1 420	6 906
Calhoun	10	(D)	16	(D)	8	(D)	(D)	(D)
Cass	13	190 656	47	1 693	10	111 052	(D)	583
Charlevoix	9	(D)	(D)	206	3	(D)	(D)	(D)
Cheboygan	7	(D)	(D)	68	3	(D)	(D)	(D)
Chippewa	5	1 584	(D)	(D)	–	–	–	–
Clinton	11	73 700	(D)	214	13	61 500	103	547
Delta	4	(D)	(D)	(D)	3	(D)	(D)	312
Eaton	17	(D)	15	561	6	(D)	3	(D)
Emmet	12	48 407	19	478	6	38 242	(D)	(D)
Genesee	31	188 484	45	1 459	26	218 395	16	1 401
Gladwin	4	(D)	(D)	5	3	(D)	(D)	6
Gogebic	3	(D)	–	(D)	(NA)	(NA)	(NA)	(NA)
Grand Traverse	13	(D)	11	525	9	86 244	(D)	351
Gratiot	6	(D)	1	124	11	63 496	2	366
Hillsdale	10	130 242	(D)	921	9	(D)	(D)	(D)
Houghton	5	21 840	(D)	123	5	(D)	(D)	(D)
Ingham	16	323 887	10	1 973	13	(D)	(D)	1 496
Ionia	8	113 700	(D)	625	5	(D)	–	40
Isabella	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Jackson	20	239 666	62	880	20	216 090	(D)	976
Kalamazoo	71	7 901 003	55	41 064	79	8 000 102	(D)	30 341
Kalkaska	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Kent	62	5 185 367	49	40 625	45	3 705 510	15	24 225
Lapeer	30	472 548	24	2 567	13	225 940	28	1 226
Leelanau	17	131 588	12	513	10	14 331	(D)	147
Lenawee	12	145 670	23	515	17	132 270	(D)	463
Livingston	28	139 210	(D)	1 105	17	115 892	(D)	999
Luce	3	(D)	–	45	3	14 640	(D)	42
Macomb	84	2 420 102	121	14 001	75	1 904 871	(D)	10 361
Manistee	7	25 613	(D)	206	6	(D)	(D)	(D)
Mason	10	145 550	(D)	598	4	(D)	–	(D)
Menominee	3	18 536	(D)	60	5	(D)	(Z)	(D)
Midland	9	(D)	2	99	5	(D)	8	(D)
Monroe	60	2 417 624	(D)	24 747	56	2 660 997	41	11 757
Montcalm	12	37 392	(D)	151	5	(D)	(D)	76
Muskegon	25	1 110 896	(D)	5 342	23	1 002 724	7	4 044
Newaygo	6	(D)	(D)	228	6	51 280	17	231
Oakland	50	1 774 976	37	14 618	46	1 367 405	43	10 447
Ogemaw	4	(D)	–	281	(NA)	(NA)	(NA)	(NA)
Ottawa	130	5 271 282	653	53 251	98	3 620 284	178	20 550
Presque Isle	4	(D)	(D)	133	(NA)	(NA)	(NA)	(NA)
Saginaw	22	430 304	55	2 550	20	584 687	(D)	1 600
St. Clair	36	634 908	28	2 743	23	474 210	9	2 029
St. Joseph	17	(D)	(D)	1 142	13	(D)	(D)	632
Sanilac	9	(D)	(D)	466	8	(D)	2	(D)
Shiawassee	4	(D)	(D)	(D)	6	(D)	6	70
Tuscola	10	(D)	(D)	416	8	(D)	(D)	104
Van Buren	38	1 341 794	116	8 998	34	1 070 163	(D)	6 711
Washtenaw	34	799 031	12	4 529	21	744 668	(D)	3 143
Wayne	63	2 576 929	(D)	14 911	63	2 557 740	29	15 047
Wexford	7	(D)	(D)	195	3	(D)	(D)	(D)
All other counties	25	136 262	11	838	(NA)	(NA)	(NA)	(NA)
BEDDING/GARDEN PLANTS								
State Total								
Michigan	1 065	29 560 166	1 683	207 229	798	24 518 470	519	113 112
Counties								
Alcona	3	(D)	(D)	(D)	–	–	–	–
Alger	3	(D)	(D)	57	(NA)	(NA)	(NA)	(NA)
Allegan	46	731 906	134	5 637	30	536 556	(D)	2 996
Alpena	3	(D)	–	24	4	(D)	–	(D)
Antrim	6	(D)	(D)	(D)	5	28 696	(D)	153
Arenac	3	(D)	(D)	(D)	3	6 000	–	(D)
Barry	5	145 000	(D)	(D)	7	67 236	(D)	305
Bay	16	337 558	15	1 402	17	217 080	(D)	984
Benzie	3	(D)	(D)	(D)	3	(D)	–	113
Berrien	45	332 398	195	2 601	24	320 420	(D)	992
Branch	9	62 632	–	279	10	60 900	(D)	280
Calhoun	10	(D)	16	(D)	4	(D)	(D)	(D)
Cass	10	(D)	(D)	1 661	7	63 889	(D)	328
Charlevoix	9	22 800	3	191	(NA)	(NA)	(NA)	(NA)
Cheboygan	7	23 915	2	(D)	(NA)	(NA)	(NA)	(NA)
Chippewa	3	1 584	–	(D)	–	–	–	–
Clinton	10	56 200	(D)	133	6	38 980	(D)	216
Delta	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Eaton	12	71 300	7	349	3	(D)	(D)	(D)
Emmet	7	(D)	1	137	6	(D)	–	46

Table 33. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
BEDDING/GARDEN PLANTS—Con.								
Counties—Con.								
Genesee	27	152 204	35	938	21	163 625	8	989
Gogebic	3	(D)	–	(D)	(NA)	(NA)	(NA)	(NA)
Grand Traverse	9	78 000	4	431	7	(D)	–	92
Gratiot	3	(D)	(D)	(D)	10	31 626	(D)	83
Hillsdale	7	111 742	(D)	456	7	(D)	(Z)	(D)
Houghton	5	(D)	(D)	(D)	3	25 750	–	(D)
Ingham	10	183 217	3	1 219	9	194 491	(D)	1 053
Ionia	8	72 700	(D)	425	4	19 152	–	(D)
Jackson	17	204 666	(D)	743	14	175 582	2	695
Kalamazoo	65	6 644 406	50	34 709	74	7 231 226	76	28 360
Kalkaska	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Kent	51	3 370 516	36	26 641	33	2 065 960	9	9 688
Lapeer	26	413 072	7	2 379	9	155 316	(D)	590
Leelanau	11	(D)	(D)	475	5	(D)	(D)	110
Lenawee	8	124 660	(D)	352	9	95 766	–	263
Livingston	22	102 130	23	792	13	75 192	18	516
Luce	3	11 672	–	(D)	(NA)	(NA)	(NA)	(NA)
Macomb	75	1 455 690	86	8 764	56	876 620	24	3 407
Manistee	6	(D)	(D)	190	5	22 168	(D)	108
Mason	8	104 550	(D)	479	3	(D)	–	(D)
Menominee	3	(D)	(D)	(D)	4	(D)	(D)	(D)
Midland	7	25 800	(Z)	93	3	(D)	(D)	(D)
Monroe	48	1 978 124	65	21 532	42	1 425 497	13	7 483
Montcalm	10	(D)	7	139	4	(D)	–	(D)
Muskegon	22	970 116	8	4 528	19	868 776	(D)	3 461
Newaygo	6	46 040	(D)	(D)	4	(D)	(D)	227
Oakland	38	1 328 020	14	11 977	31	1 092 571	3	8 120
Ogemaw	4	(D)	–	281	(NA)	(NA)	(NA)	(NA)
Ottawa	117	4 421 752	631	47 903	85	3 128 654	138	17 041
Presque Isle	4	(D)	(D)	133	(NA)	(NA)	(NA)	(NA)
Saginaw	16	312 052	12	1 927	15	408 621	4	1 204
St. Clair	32	466 218	21	1 964	19	339 050	(D)	1 668
St. Joseph	15	90 142	5	524	8	21 830	–	109
Sanilac	8	(D)	(D)	(D)	7	71 460	–	218
Shiawassee	3	(D)	(D)	(D)	3	(D)	(D)	(D)
Tuscola	9	73 826	(D)	374	6	25 160	–	82
Van Buren	31	1 039 398	105	5 071	23	807 827	23	2 928
Washtenaw	25	216 939	8	1 405	19	662 228	12	2 511
Wayne	54	1 999 079	25	9 359	52	1 552 459	13	7 594
Wexford	7	30 926	(D)	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	26	130 782	13	730	(NA)	(NA)	(NA)	(NA)
CUT FLOWERS AND CUT FLORIST GREENS								
State Total								
Michigan	180	863 270	2 132	12 257	221	1 004 385	2 248	15 999
Counties								
Allegan	8	(D)	18	(D)	10	(D)	42	(D)
Bay	5	(D)	(D)	(D)	6	(D)	(D)	(D)
Berrien	10	(D)	59	(D)	11	(D)	30	(D)
Branch	11	(D)	(D)	5 346	9	(D)	(D)	6 417
Clinton	3	(D)	(D)	(D)	8	(D)	(D)	276
Eaton	6	15 083	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Emmet	4	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Genesee	4	(D)	7	(D)	3	–	(D)	(D)
Grand Traverse	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Hillsdale	3	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Ingham	4	(D)	(D)	(D)	4	(D)	12	(D)
Jackson	6	(D)	8	(D)	4	(D)	(D)	(D)
Kalamazoo	4	(D)	(D)	(D)	5	(D)	7	(D)
Kent	7	(D)	9	(D)	5	–	4	(D)
Lapeer	3	(D)	(D)	(D)	4	(D)	(D)	(D)
Leelanau	6	–	8	13	4	–	4	(D)
Lenawee	4	–	(D)	67	5	–	18	(D)
Livingston	3	(D)	4	(D)	4	(D)	(D)	(D)
Macomb	15	591 120	30	3 466	15	678 800	44	5 329
Midland	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Monroe	6	(D)	29	(D)	11	(D)	16	342
Oakland	7	(D)	13	63	12	24 187	25	388
Ottawa	4	(D)	(D)	(D)	10	(D)	21	(D)
Saginaw	6	(D)	42	134	9	(D)	25	115
St. Clair	3	(D)	(D)	7	4	(D)	(D)	65
St. Joseph	3	–	(D)	(D)	4	(D)	(D)	(D)
Tuscola	3	(D)	(D)	2	(NA)	(NA)	(NA)	(NA)
Van Buren	3	–	5	(D)	8	(D)	8	(D)
Washtenaw	4	–	2	9	5	(D)	(D)	92
Wayne	12	(D)	13	70	10	31 525	12	(D)
All other counties	17	3 000	98	492	(NA)	(NA)	(NA)	(NA)

Table 33. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
FOLIAGE PLANTS								
State Total								
Michigan	72	872 680	(D)	6 940	95	747 565	66	5 778
Counties								
Allegan	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Berrien	8	(D)	1	(D)	3	(D)	(D)	(D)
Kalamazoo	6	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Kent	4	(D)	(D)	(D)	4	(D)	(D)	(D)
Macomb	3	(D)	(D)	(D)	5	15 800	(D)	66
Monroe	3	(D)	(D)	(D)	7	68 480	(D)	(D)
Oakland	7	(D)	1	151	9	39 375	6	669
Ottawa	3	(D)	–	(D)	7	(D)	–	(D)
Van Buren	6	(D)	(D)	580	5	(D)	(D)	164
Wayne	6	(D)	(D)	1 814	6	69 125	(D)	(D)
All other counties	23	218 836	222	1 898	(NA)	(NA)	(NA)	(NA)
POTTED FLOWERING PLANTS								
State Total								
Michigan	336	7 406 557	(D)	47 074	350	6 965 771	146	41 799
Counties								
Allegan	10	125 662	(D)	839	12	91 908	(D)	1 236
Bay	6	(D)	(D)	291	8	(D)	(D)	327
Berrien	19	190 130	25	762	18	160 536	18	583
Branch	6	45 600	(D)	(D)	4	32 793	–	(D)
Calhoun	3	(D)	–	(D)	(NA)	(NA)	(NA)	(NA)
Eaton	4	(D)	(D)	(D)	4	(D)	(D)	(D)
Emmet	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Genesee	10	14 580	(D)	94	10	(D)	(D)	99
Gratiot	4	(D)	(D)	(D)	4	2 820	(D)	6
Hillsdale	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Ingham	5	90 510	(D)	393	3	39 800	–	330
Ionia	3	41 000	–	200	(NA)	(NA)	(NA)	(NA)
Kalamazoo	23	1 000 272	(D)	5 505	21	619 876	(D)	1 779
Kent	27	1 706 845	(D)	13 088	29	(D)	(D)	13 861
Lapeer	6	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Leelanau	4	(D)	(D)	26	3	(D)	(D)	(D)
Lenawee	3	21 010	–	96	4	(D)	5	88
Livingston	7	(D)	28	259	6	(D)	(D)	226
Macomb	21	(D)	(D)	(D)	29	333 651	17	1 559
Manistee	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Mason	4	41 000	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Monroe	15	396 000	5	2 768	8	(D)	(D)	(D)
Montcalm	3	(D)	(D)	(D)	–	–	–	–
Muskegon	8	108 400	(D)	417	12	86 568	(D)	414
Oakland	18	410 356	9	2 427	18	211 272	10	1 271
Ottawa	24	795 580	(D)	4 848	23	403 020	19	2 422
Saginaw	8	(D)	1	489	6	(D)	(D)	281
St. Clair	6	(D)	–	(D)	11	109 260	(D)	(D)
St. Joseph	4	19 288	–	110	5	(D)	2	20
Tuscola	3	(D)	–	(D)	5	3 400	(D)	(D)
Van Buren	8	(D)	(D)	(D)	9	223 720	10	(D)
Washtenaw	13	582 092	2	3 115	5	72 340	(D)	(D)
Wayne	29	507 350	5	3 668	32	904 631	(D)	6 260
All other counties	23	138 930	4	476	(NA)	(NA)	(NA)	(NA)
BULBS, CORMS, RHIZOMES, AND TUBERS (DRY)								
State Total								
Michigan	70	446 764	152	(D)	54	(D)	259	754
Counties								
Berrien	6	(D)	50	(D)	(NA)	(NA)	(NA)	(NA)
Eaton	3	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Ionia	3	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Kalamazoo	4	(D)	2	17	(NA)	(NA)	(NA)	(NA)
Kent	4	276 520	–	818	(NA)	(NA)	(NA)	(NA)
Oakland	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
St. Clair	3	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Van Buren	4	–	(D)	16	(NA)	(NA)	(NA)	(NA)
All other counties	40	160 244	76	797	(NA)	(NA)	(NA)	(NA)

Table 33. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
CUT CHRISTMAS TREES HARVESTED (SEE TEXT)								
State Total								
Michigan	1 204	(X)	17 222	33 350	(NA)	(NA)	(NA)	(NA)
Counties								
Alcona	7	(X)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Allegan	39	(X)	198	570	(NA)	(NA)	(NA)	(NA)
Alpena	10	(X)	56	31	(NA)	(NA)	(NA)	(NA)
Antrim	13	(X)	75	216	(NA)	(NA)	(NA)	(NA)
Arenac	7	(X)	85	(D)	(NA)	(NA)	(NA)	(NA)
Baraga	5	(X)	20	(D)	(NA)	(NA)	(NA)	(NA)
Barry	6	(X)	70	14	(NA)	(NA)	(NA)	(NA)
Bay	10	(X)	26	57	(NA)	(NA)	(NA)	(NA)
Benzie	13	(X)	422	667	(NA)	(NA)	(NA)	(NA)
Berrien	33	(X)	186	168	(NA)	(NA)	(NA)	(NA)
Branch	3	(X)	16	18	(NA)	(NA)	(NA)	(NA)
Calhoun	19	(X)	131	176	(NA)	(NA)	(NA)	(NA)
Cass	15	(X)	72	(D)	(NA)	(NA)	(NA)	(NA)
Cheboygan	21	(X)	889	420	(NA)	(NA)	(NA)	(NA)
Chippewa	3	(X)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Clare	7	(X)	56	127	(NA)	(NA)	(NA)	(NA)
Clinton	19	(X)	23	104	(NA)	(NA)	(NA)	(NA)
Delta	8	(X)	74	30	(NA)	(NA)	(NA)	(NA)
Dickinson	7	(X)	60	167	(NA)	(NA)	(NA)	(NA)
Eaton	16	(X)	63	127	(NA)	(NA)	(NA)	(NA)
Emmet	11	(X)	48	21	(NA)	(NA)	(NA)	(NA)
Genesee	22	(X)	148	294	(NA)	(NA)	(NA)	(NA)
Gladwin	4	(X)	(D)	4	(NA)	(NA)	(NA)	(NA)
Grand Traverse	23	(X)	317	585	(NA)	(NA)	(NA)	(NA)
Gratiot	8	(X)	85	(D)	(NA)	(NA)	(NA)	(NA)
Hillsdale	11	(X)	68	80	(NA)	(NA)	(NA)	(NA)
Ingham	27	(X)	147	306	(NA)	(NA)	(NA)	(NA)
Ionia	11	(X)	29	72	(NA)	(NA)	(NA)	(NA)
Iosco	8	(X)	(D)	7	(NA)	(NA)	(NA)	(NA)
Isabella	15	(X)	207	258	(NA)	(NA)	(NA)	(NA)
Jackson	21	(X)	110	187	(NA)	(NA)	(NA)	(NA)
Kalamazoo	15	(X)	76	302	(NA)	(NA)	(NA)	(NA)
Kalkaska	32	(X)	438	428	(NA)	(NA)	(NA)	(NA)
Kent	17	(X)	92	135	(NA)	(NA)	(NA)	(NA)
Lake	10	(X)	585	269	(NA)	(NA)	(NA)	(NA)
Lapeer	26	(X)	155	234	(NA)	(NA)	(NA)	(NA)
Leelanau	15	(X)	71	82	(NA)	(NA)	(NA)	(NA)
Lenawee	5	(X)	26	55	(NA)	(NA)	(NA)	(NA)
Livingston	23	(X)	97	203	(NA)	(NA)	(NA)	(NA)
Luce	5	(X)	380	(D)	(NA)	(NA)	(NA)	(NA)
Macomb	9	(X)	44	168	(NA)	(NA)	(NA)	(NA)
Manistee	34	(X)	213	583	(NA)	(NA)	(NA)	(NA)
Marquette	6	(X)	22	(D)	(NA)	(NA)	(NA)	(NA)
Mason	22	(X)	559	383	(NA)	(NA)	(NA)	(NA)
Mecosta	13	(X)	57	46	(NA)	(NA)	(NA)	(NA)
Menominee	34	(X)	509	591	(NA)	(NA)	(NA)	(NA)
Midland	7	(X)	104	17	(NA)	(NA)	(NA)	(NA)
Missaukee	49	(X)	535	2 142	(NA)	(NA)	(NA)	(NA)
Monroe	20	(X)	121	384	(NA)	(NA)	(NA)	(NA)
Montcalm	43	(X)	1 922	8 336	(NA)	(NA)	(NA)	(NA)
Montmorency	3	(X)	33	(D)	(NA)	(NA)	(NA)	(NA)
Muskegon	19	(X)	250	198	(NA)	(NA)	(NA)	(NA)
Newaygo	22	(X)	637	959	(NA)	(NA)	(NA)	(NA)
Oakland	26	(X)	84	275	(NA)	(NA)	(NA)	(NA)
Oceana	56	(X)	1 390	1 774	(NA)	(NA)	(NA)	(NA)
Ogemaw	7	(X)	57	45	(NA)	(NA)	(NA)	(NA)
Osceola	21	(X)	608	(D)	(NA)	(NA)	(NA)	(NA)
Otsego	9	(X)	11	48	(NA)	(NA)	(NA)	(NA)
Ottawa	27	(X)	131	117	(NA)	(NA)	(NA)	(NA)
Presque Isle	6	(X)	31	(D)	(NA)	(NA)	(NA)	(NA)
Saginaw	27	(X)	185	192	(NA)	(NA)	(NA)	(NA)
St. Clair	13	(X)	42	248	(NA)	(NA)	(NA)	(NA)
St. Joseph	9	(X)	80	44	(NA)	(NA)	(NA)	(NA)
Sanilac	12	(X)	68	162	(NA)	(NA)	(NA)	(NA)
Shiawassee	9	(X)	28	33	(NA)	(NA)	(NA)	(NA)
Tuscola	12	(X)	84	246	(NA)	(NA)	(NA)	(NA)
Van Buren	32	(X)	247	1 147	(NA)	(NA)	(NA)	(NA)
Washtenaw	22	(X)	154	332	(NA)	(NA)	(NA)	(NA)
Wayne	3	(X)	(D)	232	(NA)	(NA)	(NA)	(NA)
Wexford	45	(X)	3 087	4 139	(NA)	(NA)	(NA)	(NA)
All other counties	17	(X)	59	100	(NA)	(NA)	(NA)	(NA)
MUSHROOMS								
State Total								
Michigan	5	(D)	(X)	(D)	(NA)	(NA)	(X)	(NA)

Table 33. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
NURSERY CROPS								
State Total								
Michigan	822	15 099 566	17 227	130 703	834	3 367 325	18 160	103 660
Counties								
Allegan	31	249 284	1 045	7 515	26	29 902	2 212	4 508
Alpena	3	–	6	20	4	5 136	1	18
Antrim	7	(D)	62	277	9	(D)	50	291
Barry	3	–	17	(D)	6	(D)	10	(D)
Bay	11	(D)	162	276	7	–	(D)	151
Berrien	34	59 216	457	2 220	45	(D)	633	6 345
Calhoun	11	44 400	528	461	14	(D)	201	370
Cass	6	8 282	92	434	12	(D)	(D)	180
Charlevoix	8	–	13	62	4	–	(D)	39
Cheboygan	4	(D)	45	35	7	(D)	(D)	(D)
Chippewa	3	–	(D)	(D)	3	–	(D)	12
Clinton	13	(D)	116	351	17	(D)	91	327
Delta	4	–	17	(D)	4	–	5	17
Eaton	13	(D)	136	940	17	–	156	887
Emmet	6	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Genesee	20	(D)	162	1 307	27	(D)	257	1 050
Grand Traverse	9	–	32	105	12	(D)	(D)	(D)
Gratiot	5	–	55	38	4	(D)	16	40
Hillsdale	5	(D)	(D)	(D)	5	(D)	(D)	80
Huron	4	–	19	135	5	–	(D)	(D)
Ingham	19	8 576	205	954	19	(D)	176	(D)
Ionia	11	(D)	106	368	5	(D)	(D)	128
Isabella	3	(D)	(D)	7	–	–	–	–
Jackson	16	–	184	(D)	13	(D)	78	273
Kalamazoo	14	(D)	122	707	19	(D)	251	845
Kalkaska	4	(D)	(D)	120	(NA)	(NA)	(NA)	(NA)
Kent	32	46 820	279	1 214	38	(D)	358	3 849
Lapeer	25	(D)	330	1 593	30	(D)	339	743
Leelanau	15	–	52	283	8	(D)	12	118
Lenawee	11	(D)	96	207	13	(D)	129	(D)
Livingston	33	74 000	622	2 154	27	(D)	230	769
Luce	3	–	(D)	(D)	6	–	(D)	167
Mackinac	3	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Macomb	19	(D)	439	(D)	29	102 100	501	3 412
Manistee	11	(D)	(D)	956	9	(D)	185	1 018
Marquette	3	–	(D)	(D)	3	–	(D)	46
Mason	22	(D)	793	3 456	18	(D)	(D)	1 882
Menominee	6	–	(D)	16	(NA)	(NA)	(NA)	(NA)
Midland	4	(D)	6	(D)	4	–	(D)	19
Missaukee	5	–	(D)	(D)	5	–	221	(D)
Monroe	29	35 488	246	2 585	29	(D)	478	1 542
Montcalm	9	–	424	873	10	(D)	(D)	350
Muskegon	11	(D)	33	501	16	29 900	41	220
Newaygo	8	–	(D)	133	11	(D)	162	(D)
Oakland	54	(D)	419	8 360	53	96 610	281	5 822
Oceana	5	–	(D)	(D)	6	–	50	(D)
Otsego	6	–	(D)	(D)	–	–	–	–
Ottawa	61	13 826 599	6 583	52 051	68	1 798 251	6 523	51 493
Presque Isle	3	–	(D)	(D)	–	–	–	–
Saginaw	17	16 510	(D)	2 114	10	(D)	292	2 000
St. Clair	14	(D)	311	2 215	14	8 588	584	1 397
St. Joseph	5	(D)	38	51	7	(D)	31	(D)
Sanilac	6	–	178	(D)	8	(D)	(D)	1 246
Shiawassee	13	(D)	328	1 401	11	(D)	153	278
Tuscola	9	–	17	59	7	–	57	27
Van Buren	31	97 936	655	7 397	30	128 372	368	5 380
Washtenaw	35	10 897	398	2 713	24	49 760	251	2 245
Wayne	15	94 000	114	2 650	14	(D)	126	721
Wexford	3	(D)	(D)	100	3	(D)	(D)	(D)
All other counties	29	32 760	299	582	(NA)	(NA)	(NA)	(NA)
SOD HARVESTED								
State Total								
Michigan	59	(X)	8 398	18 239	66	(X)	7 702	10 607
Counties								
Ingham	5	(X)	1 755	1 611	3	(X)	810	698
Livingston	7	(X)	371	622	5	(X)	342	721
Macomb	5	(X)	806	2 581	9	(X)	813	1 788
Oakland	5	(X)	(D)	428	5	(X)	304	770
Sanilac	4	(X)	(D)	(D)	6	(X)	883	867
Shiawassee	3	(X)	(D)	(D)	3	(X)	(D)	(D)
Washtenaw	3	(X)	(D)	(D)	5	(X)	147	300
Wayne	6	(X)	650	2 180	5	(X)	595	901
All other counties	21	(X)	2 339	4 959	(NA)	(X)	(NA)	(NA)

Table 33. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
VEGETABLE AND FLOWER SEEDS								
State Total								
Michigan	43	(D)	407	1 383	59	83 754	299	840
Counties								
Berrien	4	(D)	4	5	(NA)	(NA)	(NA)	(NA)
Kalamazoo	3	83 400	–	(D)	(NA)	(NA)	(NA)	(NA)
Macomb	4	–	(D)	16	(NA)	(NA)	(NA)	(NA)
Washtenaw	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	29	80 315	394	917	(NA)	(NA)	(NA)	(NA)
GREENHOUSE VEGETABLES								
State Total								
Michigan	64	431 529	(X)	1 597	54	454 189	(X)	1 030
Counties								
Cass	3	22 500	(X)	(D)	4	25 751	(X)	56
Kalamazoo	3	(D)	(X)	(D)	4	37 529	(X)	77
Monroe	4	3 200	(X)	5	(NA)	(NA)	(X)	(NA)
Ottawa	5	(D)	(X)	17	4	12 920	(X)	29
Washtenaw	4	(D)	(X)	23	3	(D)	(X)	(D)
Wayne	4	54 500	(X)	472	6	80 200	(X)	(D)
All other counties	41	183 554	(X)	865	(NA)	(NA)	(X)	(NA)
OTHER NURSERY AND GREENHOUSE CROPS								
State Total								
Michigan	1 149	405 661	46 403	6 572	31	69 478	118	(D)
Counties								
Alcona	9	–	330	308	(NA)	(NA)	(NA)	(NA)
Allegan	44	(D)	2 097	1 736	(NA)	(NA)	(NA)	(NA)
Alpena	9	–	113	9	(NA)	(NA)	(NA)	(NA)
Antrim	17	(D)	879	84	(NA)	(NA)	(NA)	(NA)
Arenac	6	–	66	44	(NA)	(NA)	(NA)	(NA)
Barry	7	–	69	26	(NA)	(NA)	(NA)	(NA)
Bay	7	–	92	(D)	(NA)	(NA)	(NA)	(NA)
Benzie	13	–	707	13	(NA)	(NA)	(NA)	(NA)
Berrien	16	(D)	162	457	(NA)	(NA)	(NA)	(NA)
Calhoun	6	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Cass	12	(D)	76	27	(NA)	(NA)	(NA)	(NA)
Charlevoix	6	–	75	(D)	(NA)	(NA)	(NA)	(NA)
Cheboygan	19	(D)	625	(D)	(NA)	(NA)	(NA)	(NA)
Chippewa	4	–	114	13	(NA)	(NA)	(NA)	(NA)
Clare	8	–	362	8	(NA)	(NA)	(NA)	(NA)
Clinton	19	(D)	354	66	(NA)	(NA)	(NA)	(NA)
Crawford	3	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Delta	10	–	432	10	(NA)	(NA)	(NA)	(NA)
Dickinson	10	(D)	223	25	(NA)	(NA)	(NA)	(NA)
Eaton	11	–	160	135	(NA)	(NA)	(NA)	(NA)
Emmet	9	(D)	127	11	(NA)	(NA)	(NA)	(NA)
Genesee	19	(D)	96	37	(NA)	(NA)	(NA)	(NA)
Gladwin	6	–	125	9	(NA)	(NA)	(NA)	(NA)
Grand Traverse	18	–	412	(D)	(NA)	(NA)	(NA)	(NA)
Hillsdale	7	(D)	92	22	(NA)	(NA)	(NA)	(NA)
Houghton	3	(D)	(D)	3	(NA)	(NA)	(NA)	(NA)
Huron	7	–	89	9	(NA)	(NA)	(NA)	(NA)
Ingham	22	(D)	462	(D)	(NA)	(NA)	(NA)	(NA)
Ionia	15	(D)	301	108	(NA)	(NA)	(NA)	(NA)
Iosco	8	–	188	15	(NA)	(NA)	(NA)	(NA)
Isabella	11	–	216	47	(NA)	(NA)	(NA)	(NA)
Jackson	18	–	542	22	(NA)	(NA)	(NA)	(NA)
Kalamazoo	18	–	347	76	(NA)	(NA)	(NA)	(NA)
Kalkaska	33	–	1 807	80	(NA)	(NA)	(NA)	(NA)
Kent	25	(D)	335	61	(NA)	(NA)	(NA)	(NA)
Lake	7	–	299	33	(NA)	(NA)	(NA)	(NA)
Lapeer	14	–	220	(D)	(NA)	(NA)	(NA)	(NA)
Leelanau	20	(D)	357	55	(NA)	(NA)	(NA)	(NA)
Lenawee	5	(D)	23	(D)	(NA)	(NA)	(NA)	(NA)
Livingston	14	–	237	43	(NA)	(NA)	(NA)	(NA)
Mackinac	4	–	91	4	(NA)	(NA)	(NA)	(NA)
Macomb	11	(D)	63	94	(NA)	(NA)	(NA)	(NA)
Manistee	43	(D)	3 661	235	(NA)	(NA)	(NA)	(NA)
Marquette	11	–	(D)	33	(NA)	(NA)	(NA)	(NA)
Mason	17	–	718	32	(NA)	(NA)	(NA)	(NA)
Mecosta	13	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Menominee	33	–	1 274	32	(NA)	(NA)	(NA)	(NA)
Midland	6	–	287	6	(NA)	(NA)	(NA)	(NA)
Missaukee	55	–	4 541	103	(NA)	(NA)	(NA)	(NA)
Monroe	18	(D)	180	52	(NA)	(NA)	(NA)	(NA)

Table 33. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
OTHER NURSERY AND GREENHOUSE CROPS—Con.								
Counties—Con.								
Montcalm	32	(D)	3 926	46	(NA)	(NA)	(NA)	(NA)
Muskegon	22	–	619	61	(NA)	(NA)	(NA)	(NA)
Newaygo	18	–	574	(D)	(NA)	(NA)	(NA)	(NA)
Oakland	30	(D)	417	227	(NA)	(NA)	(NA)	(NA)
Oceana	67	(D)	5 248	156	(NA)	(NA)	(NA)	(NA)
Ogemaw	3	–	(D)	3	(NA)	(NA)	(NA)	(NA)
Ontonagon	4	–	100	4	(NA)	(NA)	(NA)	(NA)
Osceola	27	(D)	(D)	81	(NA)	(NA)	(NA)	(NA)
Otsego	9	–	128	19	(NA)	(NA)	(NA)	(NA)
Ottawa	33	67 700	832	225	(NA)	(NA)	(NA)	(NA)
Presque Isle	4	(D)	26	(D)	(NA)	(NA)	(NA)	(NA)
Saginaw	21	–	407	33	(NA)	(NA)	(NA)	(NA)
St. Clair	18	18 840	266	101	(NA)	(NA)	(NA)	(NA)
St. Joseph	3	–	43	3	(NA)	(NA)	(NA)	(NA)
Sanilac	7	–	194	(D)	(NA)	(NA)	(NA)	(NA)
Shiawassee	10	(D)	186	13	(NA)	(NA)	(NA)	(NA)
Tuscola	16	–	773	(D)	(NA)	(NA)	(NA)	(NA)
Van Buren	19	(D)	1 008	(D)	(NA)	(NA)	(NA)	(NA)
Washtenaw	16	–	577	91	(NA)	(NA)	(NA)	(NA)
Wayne	4	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Wexford	43	–	3 753	42	(NA)	(NA)	(NA)	(NA)
All other counties	17	325	812	174	(NA)	(NA)	(NA)	(NA)

Table 34. **Other Crops: 1997 and 1992**

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN CUT FOR DRY FODDER, HOGGED OR GRAZED										
State Total										
Michigan	14	233	(X)	–	–	17	470	(X)	–	–
GINSENG (POUNDS)										
State Total										
Michigan	7	5	7 233	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
HERBS, TOTAL (SEE TEXT) (POUNDS)										
State Total										
Michigan	71	(D)	(X)	35	177	61	150	(X)	32	(D)
Counties										
Cass	3	(D)	(X)	3	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Emmet	3	3	(X)	2	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Ingham	4	1	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Jackson	4	(D)	(X)	3	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Kent	5	10	(X)	5	10	(NA)	(NA)	(X)	(NA)	(NA)
Lapeer	5	10	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Macomb	15	17	(X)	4	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Monroe	4	3	(X)	2	(D)	(NA)	(NA)	(X)	(NA)	(NA)
St. Clair	3	1	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
All other counties	25	103	(X)	13	96	(NA)	(NA)	(X)	(NA)	(NA)
HERBS, DRIED (POUNDS)										
State Total										
Michigan	2	(D)	(D)	–	–	4	19	15 140	1	(D)
Counties										
Calhoun	2	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)

Table 34. **Other Crops: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
MAPLE TREES TAPPED (SEE TEXT) (NUMBER OF TAPS)										
State Total										
Michigan	282	5 913	321 100	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties										
Allegan	6	73	2 680	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Alpena	4	(D)	2 460	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Antrim	7	76	3 028	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Baraga	4	94	15 885	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Barry	3	(D)	(D)	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Benzie	8	117	5 714	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Calhoun	4	14	(D)	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Cass	5	34	3 810	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Charlevoix	6	83	7 706	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Cheboygan	7	253	12 650	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Chippewa	9	304	20 480	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Clare	3	139	2 919	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Clinton	7	234	6 620	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Delta	4	105	4 700	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Eaton	12	169	7 338	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Emmet	9	81	4 734	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Genesee	4	61	1 265	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Gladwin	9	210	10 584	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Grand Traverse	6	136	9 514	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Gratiot	5	124	6 995	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Houghton	3	6	420	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Ingham	11	127	8 330	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Ionia	7	138	8 300	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Iron	3	(D)	655	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Isabella	8	343	11 860	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Kalamazoo	5	28	1 720	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Kalkaska	6	46	3 685	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Kent	7	125	5 330	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Lapeer	11	214	9 478	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Leelanau	3	37	(D)	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Mackinac	4	453	7 400	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Marquette	4	30	1 260	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Mason	5	135	11 056	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Mecosta	8	148	6 100	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Menominee	7	370	27 410	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Midland	4	(D)	(D)	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Montcalm	3	131	4 760	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Oceana	5	201	8 402	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Osceola	5	36	1 774	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Oscoda	9	178	13 380	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Ottawa	3	17	1 264	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
St. Clair	3	(D)	(D)	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Tuscola	4	11	432	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren	4	49	(D)	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Wexford	6	158	(D)	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	22	295	13 616	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
MINT FOR OIL (POUNDS OF OIL)										
State Total										
Michigan	18	2 950	94 521	6	544	36	5 141	141 605	10	1 010
Counties										
Clinton	8	2 071	61 829	3	378	13	3 071	85 629	3	410
Shiawassee	4	356	10 767	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	6	523	21 925	3	166	(NA)	(NA)	(NA)	(NA)	(NA)
SWEET CORN FOR SEED (POUNDS)										
State Total										
Michigan	4	(D)	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
OTHER										
State Total										
Michigan	41	994	(X)	6	(D)	64	611	(X)	14	40
Counties										
Berrien	5	25	(X)	1	(D)	12	39	(X)	6	8
Kent	4	32	(X)	1	(D)	3	12	(X)	2	(D)
Macomb	5	(D)	(X)	–	–	8	27	(X)	–	–
All other counties	27	(D)	(X)	4	38	(NA)	(NA)	(X)	(NA)	(NA)

Table 35. **Farms Operated by Black and Other Races by Value of Sales and Occupation: 1997 and 1992**

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms		Harvested cropland		Market value of agricultural products sold ($1,000)	Farms by value of sales					
						Occupation farming			Occupation other than farming		
	Farms	Acres	Farms	Acres		Less than $2,500	$2,500 to $9,999	$10,000 or more	Less than $2,500	$2,500 to $9,999	$10,000 or more
STATE TOTAL											
Michigan..... 1997..	319	31 230	232	13 297	10 145	39	25	70	89	47	49
1992..	284	34 535	219	13 657	6 847	29	36	48	90	44	37
COUNTIES, 1997											
Allegan	14	840	13	359	1 166	2	–	5	5	2	–
Barry	3	123	2	(D)	13	–	1	–	1	1	–
Berrien	13	1 357	10	501	1 219	1	1	3	4	1	3
Calhoun	7	168	7	87	17	3	2	–	1	1	–
Cass	10	593	4	222	(D)	4	–	–	4	1	1
Chippewa.....	7	2 707	7	772	24	1	–	1	3	2	–
Clare	4	494	3	(D)	(D)	1	–	2	1	–	–
Clinton	3	(D)	3	(D)	179	–	–	2	–	–	1
Eaton	3	129	1	(D)	(D)	2	–	–	–	1	–
Genesee	11	279	10	115	65	1	–	–	3	5	2
Hillsdale	3	583	1	(D)	(D)	1	–	–	1	–	1
Huron	3	(D)	2	(D)	(D)	–	–	3	–	–	–
Ingham	9	424	5	68	14	1	3	–	5	–	–
Iosco	3	100	3	(D)	(D)	–	–	1	2	–	–
Isabella.....	3	(D)	–	–	(D)	–	1	–	2	–	–
Jackson	5	771	5	344	(D)	–	1	1	–	2	1
Kalamazoo.....	3	(D)	–	–	(D)	–	–	–	2	1	–
Kent	5	(D)	4	159	(D)	1	1	1	2	–	–
Lapeer	4	420	3	266	16	1	–	–	1	1	1
Lenawee	4	(D)	2	(D)	23	–	–	–	3	–	1
Livingston.....	7	942	5	230	349	1	–	3	–	–	3
Mackinac	3	(D)	3	(D)	4	–	–	–	3	–	–
Mason.....	5	341	4	(D)	86	–	2	2	–	1	–
Mecosta	3	480	3	(D)	31	–	–	–	–	2	1
Menominee	3	(D)	3	(D)	(D)	–	–	1	–	–	2
Midland.....	4	370	3	122	25	–	–	–	2	–	2
Monroe.....	10	267	5	76	36	1	–	2	6	1	–
Montcalm	6	1 719	3	(D)	262	1	–	3	–	2	–
Muskegon	5	94	2	(D)	(D)	–	–	–	5	–	–
Newaygo	5	1 326	5	819	275	1	–	1	1	–	2
Oakland	8	641	5	122	422	–	–	4	2	2	–
Oceana.....	5	479	5	222	197	–	–	2	–	–	3
Osceola	6	543	2	(D)	74	–	–	3	–	2	1
Ottawa	8	493	7	370	516	–	1	2	2	1	2
Saginaw	6	336	4	141	25	1	1	–	2	1	1
St. Clair	5	531	5	297	39	2	–	1	–	1	1
St. Joseph	6	336	3	(D)	89	–	–	–	2	2	2
Sanilac	3	(D)	2	(D)	(D)	–	1	1	1	–	–
Tuscola.....	6	581	5	477	156	1	1	1	1	1	1
Van Buren	37	2 294	37	982	856	2	2	10	6	8	9
Washtenaw	12	783	7	140	385	1	1	1	4	–	5
Wayne	14	307	6	(D)	591	4	1	5	3	–	1
All other counties	35	4 941	23	1 899	390	5	5	9	9	5	2

Table 36. **Farms Operated by Black and Other Races by Tenure: 1997 and 1992**

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Full owners			Part owners			Tenants		
	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland
STATE TOTAL									
Michigan..... 1997..	239	17 556	5 353	70	12 825	7 299	10	849	645
1992..	210	19 652	5 507	66	13 194	6 747	8	1 689	1 403
COUNTIES, 1997									
Allegan	7	361	131	7	479	228	–	–	–
Berrien	10	895	256	2	(D)	(D)	1	(D)	(D)
Calhoun	6	(D)	(D)	1	(D)	(D)	–	–	–
Cass	7	262	(D)	3	331	(D)	–	–	–
Chippewa.....	5	(D)	(D)	2	(D)	(D)	–	–	–
Eaton	3	129	(D)	–	–	–	–	–	–
Genesee	8	128	49	3	151	66	–	–	–
Hillsdale	3	583	(D)	–	–	–	–	–	–
Ingham	8	(D)	(D)	–	–	–	1	(D)	(D)
Iosco	3	100	(D)	–	–	–	–	–	–
Isabella.....	3	(D)	–	–	–	–	–	–	–
Jackson	2	(D)	(D)	3	(D)	(D)	–	–	–
Kalamazoo.....	3	(D)	–	–	–	–	–	–	–
Kent	5	(D)	159	–	–	–	–	–	–
Lapeer	3	(D)	(D)	1	(D)	(D)	–	–	–
Lenawee	4	(D)	(D)	–	–	–	–	–	–
Livingston.....	7	942	230	–	–	–	–	–	–
Mason.....	3	(D)	(D)	2	(D)	(D)	–	–	–
Mecosta	3	480	(D)	–	–	–	–	–	–
Menominee	–	–	–	3	(D)	(D)	–	–	–

Table 36. **Farms Operated by Black and Other Races by Tenure: 1997 and 1992**—Con.

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Full owners			Part owners			Tenants		
	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland
COUNTIES, 1997 —Con.									
Midland	4	370	122	–	–	–	–	–	–
Monroe	8	(D)	(D)	2	(D)	(D)	–	–	–
Montcalm	4	(D)	(D)	2	(D)	(D)	–	–	–
Muskegon	4	(D)	(D)	1	(D)	(D)	–	–	–
Newaygo	2	(D)	(D)	3	(D)	(D)	–	–	–
Oakland	8	641	122	–	–	–	–	–	–
Oceana	4	(D)	(D)	1	(D)	(D)	–	–	–
Osceola	5	(D)	(D)	1	(D)	(D)	–	–	–
Ottawa	3	(D)	(D)	3	143	92	2	(D)	(D)
Saginaw	5	(D)	(D)	1	(D)	(D)	–	–	–
St. Clair	3	(D)	(D)	2	(D)	(D)	–	–	–
St. Joseph	4	(D)	(D)	2	(D)	–	–	–	–
Tuscola	4	(D)	(D)	1	(D)	(D)	1	(D)	(D)
Van Buren	33	1 629	580	4	665	402	–	–	–
Washtenaw	7	582	(D)	3	(D)	(D)	2	(D)	–
Wayne	13	(D)	11	1	(D)	(D)	–	–	–
All other counties	35	3 786	997	16	3 729	2 519	3	290	191

Table 37. **Operators by Selected Racial Groups: 1997 and 1992**

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

Geographic area	All farms		Farms with sales of $10,000 or more	
	Farms	Land in farms	Farms	Land in farms
BLACK				
State Total				
Michigan 1997	110	8 697	40	5 164
1992	124	11 969	37	8 070
Counties, 1997				
Allegan	3	(D)	3	(D)
Berrien	4	565	2	(D)
Calhoun	3	100	–	–
Cass	8	(D)	–	–
Genesee	6	189	1	(D)
Ingham	3	35	–	–
Monroe	7	(D)	2	(D)
Oakland	3	334	–	–
Tuscola	4	(D)	2	(D)
Van Buren	28	1 694	15	1 364
Washtenaw	4	425	2	(D)
Wayne	7	247	1	(D)
All other counties	30	3 717	12	2 267
AMERICAN INDIAN				
State Total				
Michigan 1997	98	11 996	26	6 026
1992	82	14 322	17	6 095
Counties, 1997				
Calhoun	3	(D)	–	–
Chippewa	7	2 707	1	(D)
Isabella	3	(D)	–	–
Jackson	3	(D)	1	(D)
Lenawee	3	20	–	–
Livingston	5	(D)	5	(D)
Mackinac	3	(D)	–	–
Mason	3	(D)	1	(D)
Monroe	3	(D)	–	–
Muskegon	4	(D)	–	–
Ottawa	3	337	1	(D)
Saginaw	3	71	–	–
Washtenaw	5	229	2	(D)
All other counties	50	6 702	15	4 022
ASIAN OR PACIFIC ISLANDER				
State Total				
Michigan 1997	27	2 116	14	1 519
1992	20	1 783	10	895
Counties, 1997				
Midland	3	(D)	1	(D)
Oakland	4	(D)	4	(D)
St. Joseph	3	(D)	2	(D)
All other counties	17	1 370	7	844

Table 37. **Operators by Selected Racial Groups: 1997 and 1992**—Con.

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

Geographic area	All farms		Farms with sales of $10,000 or more	
	Farms	Land in farms	Farms	Land in farms
OTHER RACES (SEE TEXT)				
State Total				
Michigan 1997	84	8 421	39	5 920
1992	58	6 461	21	4 084
Counties, 1997				
Allegan	9	366	2	(D)
Berrien	6	(D)	4	(D)
Montcalm	4	(D)	3	(D)
Oceana	3	(D)	3	(D)
Osceola	3	158	3	158
Ottawa	5	156	3	(D)
St. Joseph	3	(D)	–	–
Van Buren	9	600	4	308
Washtenaw	3	129	2	(D)
Wayne	5	(D)	3	(D)
All other counties	34	4 476	12	2 870

Table 38. **Operators of Spanish, Hispanic, or Latino Origin: 1997 and 1992**

[For classification of Spanish, Hispanic, or Latino origin, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms		Farms with sales of $10,000 or more	
	Farms	Land in farms	Farms	Land in farms
STATE TOTAL				
Michigan 1997	280	57 621	136	47 277
1992	186	35 043	93	29 336
COUNTIES, 1997				
Alcona	3	705	1	(D)
Allegan	16	1 411	8	955
Barry	5	(D)	1	(D)
Bay	5	655	2	(D)
Berrien	11	1 499	9	(D)
Calhoun	6	2 149	3	(D)
Cass	3	(D)	1	(D)
Clinton	6	240	2	(D)
Eaton	5	1 379	3	(D)
Gladwin	4	603	2	(D)
Grand Traverse	7	1 602	5	(D)
Gratiot	4	2 645	3	(D)
Hillsdale	5	992	3	(D)
Huron	7	1 898	4	1 658
Ingham	10	514	1	(D)
Ionia	4	513	3	(D)
Isabella	4	863	2	(D)
Jackson	7	2 155	2	(D)
Kent	5	755	2	(D)
Lapeer	9	742	1	(D)
Lenawee	6	1 376	3	(D)
Mecosta	4	781	1	(D)
Menominee	3	708	1	(D)
Monroe	4	(D)	4	(D)
Montcalm	5	142	3	(D)
Muskegon	4	340	1	(D)
Newaygo	4	186	1	(D)
Oakland	4	114	–	–
Oceana	6	1 594	5	(D)
Ottawa	14	1 849	10	1 782
Saginaw	4	(D)	2	(D)
St. Clair	7	556	–	–
St. Joseph	3	(D)	2	(D)
Sanilac	12	3 728	8	3 445
Tuscola	10	4 440	9	(D)
Van Buren	17	1 242	10	999
Washtenaw	4	230	–	–
Wayne	9	298	5	110
Wexford	5	4 252	2	(D)
All other counties	29	6 368	11	4 744

Table 39. **Farms With Grazing Permits: 1997 and 1992**

[Not published for this State]

Appendix A.
General Explanation

DATA COLLECTION

Method of Enumeration

All agriculture censuses beginning with the 1969 census have primarily used mailout/mailback data collection for each State. Direct enumeration methods were used for the agriculture censuses in Guam, U.S. Virgin Islands, and the Commonwealth of Northern Mariana Islands. Puerto Rico used mail as the primary contact method, but relied heavily on telephone and personal interviews and an area frame survey for followup activity. The report for each territory includes a discussion of its method of enumeration.

Mail List

The mail list for the 1997 census was comprised of individuals, businesses, and organizations that could be identified as associated with agriculture. The list was assembled from previous census records, U.S. Department of Agriculture (USDA) mail registers, and other authorized sources. In an attempt to maximize the coverage of active farm operators, names and addresses were obtained from State and Federal agencies, trade associations, and similar organizations. The variety of list sources utilized helped insure representation of specialized interests such as nurseries and greenhouses; poultry, fish, and livestock farms; cattle feedlot operations; maple syrup producers; and Christmas tree growers.

Lists of companies having one or more establishments/locations producing agricultural products were obtained from the 1992 census and updated using information from the Standard Statistical Establishment List maintained by the Bureau of the Census. Exhaustive record linkage, unduplication, and mathematical modeling yielded an initial mail list of 3.31 million names and addresses which had a substantial probability of being farm operations.

To refine these 3.31 million names even further, a screening operation was conducted prior to mailout which identified about 125,570 names as nonfarms. Finally, NASS's State Statistical Offices (SSOs) added approximately 13,000 names which brought the final mail list to approximately 3.2 million.

Report Forms

In 1997, two report forms were used—a sample form and a nonsample form (which helped minimize respondent burden). The sample form contained all questions asked on the nonsample form plus additional questions on commercial fertilizer, chemicals, production expenses, machinery and equipment, value of land and buildings, income from farm-related sources, and hired workers. The additional information collected on the sample forms provided a good basis for making estimates of these items for all farms. There were 11 regional versions of the nonsample form and 13 regional versions of the sample form with the prelisted crops varying by region. Appendix D contains copies of the sample form and the information sheet.

The sample form was mailed to approximately 814,000 addresses on the mail list, including 1) all those expected to be large (based on expected sales or acreage), 2) all farms operated by multi-establishment companies or nonprofit organizations, 3) all those in Alaska, Hawaii, and Rhode Island, 4) those in a county that had less than 100 farms in 1992, and 5) a sample of other addressees. The nonsample form was mailed to the remaining 2.37 million addressees. Further discussion of the criteria used to determine which form was mailed to an addressee is provided in the Census Sample Design section of appendix C.

Data Collection Outreach/Promotional Efforts

Promotional and outreach programs were primarily handled by the NASS State Statistical Offices (SSOs) rather than from the NASS headquarters; similar programs in past censuses were conducted from a central, national-level office. The Census Division of NASS coordinated the overall effort through the national headquarters of the various USDA agencies and prepared many materials that the SSOs could customize to meet their specific requirements.

Information kits containing a mixture of census materials such as brochures, report forms, fact sheets, press releases, answers to frequently asked questions, posters, print and radio/television advertisements, and various other items were distributed, as appropriate, to many public and private groups. Also included in these information kits was the 1997 Census of Agriculture Report Form Guide which described and defined various items in greater detail than was available in the instructions that accompanied each report form.

The most common recipients of the information kits were county service centers, extension offices, farm-supply retail stores and cooperatives, Farm Service Agency and Natural

USDA, National Agricultural Statistics Service

Resources Conservation Service offices, State and local farmer organizations, commodity groups, State departments of agriculture, commissioners of agriculture, governors, and vocational agriculture instructors. Kits were distributed by mail and through personal visits by field enumerators and SSO staff.

SSOs worked with the commissioners of agriculture, governors, and other officials to obtain written proclamations and verbal support of the census in their speeches and public appearances. To improve the coverage of minorities, SSOs made special promotional efforts through direct contacts with 1890 land-grant universities, Native American tribal leaders, limited resource farm organizations, and women's associations.

INITIAL MAILING

Most report forms were mailed in late December 1997 to individuals, businesses, and organizations on the mail list. Approximately 34,000 report forms were not mailed but given directly to the SSOs for data collection to ease respondent burden for operators selected to participate in other NASS surveys. The mail packages included a report form with a cover letter, an information sheet containing instructions for completing the form, and a postage-paid return envelope. Special instructions were included with report forms sent to grazing associations, American Indian reservations, Christmas tree growers, maple producers, and firms with multiple farm or ranch operations.

For the first time in 1997, the census counted the number of individual American Indian farmers or ranchers that operated within the boundaries of American Indian reservations. Each reservation was asked to complete an additional one-page report form (called an R1 form, see appendix D) that asked for the number of American Indians within their borders who had an agricultural operation that met the $1,000 sales definition of a farm. It was not required that these operators be individually listed by name to be counted.

Followup Procedures

A thank you/reminder card was mailed to everyone on the mail list in early January 1998. In mid-February and again in late March, a followup letter, census report form, and information sheet were sent to each nonrespondent.

Telephone calling began in the State offices in early February. Calls were made to 1992 census nonrespondents who had not yet responded to the 1997 Census of Agriculture. In early March, telephone calls were made to operators of large farms who had not responded. In addition, from early April until late May, telephone calls were made to all remaining nonrespondents to encourage them to respond to the census and to ensure a minimum 75 percent response rate in each county in the U.S. A nonresponse adjustment procedure was used to represent the final nonrespondent farms in the census results. A description of this procedure is included in the Census Estimation section of appendix C.

DATA CHANGES

Prior to each agriculture census, the content of the census report forms and publication tables is reviewed to eliminate items no longer needed, identify necessary new items, and modify existing items to better describe the agricultural situation in the Nation. Data requests are solicited from farm organizations, land-grant colleges and universities, State and Federal agencies, State departments of agriculture, agribusinesses, the Advisory Committee on Agriculture Statistics and others. Each user is asked to identify and justify its specific data needs. The following paragraphs explain the major changes made to the 1997 census data.

In 1992, farms that had all their acreage in the Conservation Reserve Program were not included in the data for all farms. For the 1997 census, these farms are included in the data for all farms.

For the 1997 census, data for land under federal acreage reduction programs and Commodity Credit Corporation loans for honey and rye were not included, because these items were eliminated by the 1996 Farm Bill.

The following data inquiries were added: 1) Cut Christmas trees harvested, 2) Short rotation woody crops, 3) Maple trees tapped, and 4) Number of American Indian operators on reservations (obtained by an additional form mailed to each reservation).

DATA PROCESSING

Selected report forms, including those with attached correspondence, remarks, or no positive data on the front page, were reviewed prior to data keying.

The data from each report form were subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for consistency and reasonableness, corrected erroneous or inconsistent data, supplied missing data based on similar farms within the same county, and assigned farm classification codes necessary for tabulating the data. Substantial computer-generated changes to the data were clerically reviewed and verified.

In the computer edit, farms with sales, acreage, or commodities exceeding specified levels were tested for historical comparability. Key items, such as acreage and sales, were compared for substantial changes between 1992 and 1997. Sizeable historical differences were resolved or verified by telephone. Prior to publication, tabulated totals for each State were reviewed by State statisticians to identify inconsistencies and potential coverage problems. Comparisons were made with previous census data, official NASS Agricultural Statistics Board numbers, and other available check data.

DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a detailed description of specific terms and phrases used in this publication. Items in the publication tables which carry

the note ''See text'' also are explained. For an exact wording of the questions on the 1997 census report forms and the information sheet which accompanied these forms, see appendix D. Most definitions of terms are the same as those used in earlier censuses. The more important exceptions are noted here.

Abnormal farms. This category includes institutional, experimental, and research farms. 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.

Acres and quantity harvested. Crops were reported in whole acres, except for the following crops which were reported in 10ths of acres: potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, nursery and greenhouse crops in the open, and in Hawaii, taro, ginger root, and lotus root. Totals for crops reported in 10ths of acres were rounded to whole acres at the aggregate level during the tabulation process. Ginseng was reported in 10ths of acres for Wisconsin and Michigan, and it is published in 10ths of acres for all States. Nursery and greenhouse crops grown under glass or other protection were reported in square feet and are published in square feet.

If two or more crops were harvested from the same land during the year, the acres were counted for each crop. Therefore, the total acres of all crops harvested generally exceeded the acres of cropland harvested. An exception to this procedure was hay crops.

When more than one cutting of hay was taken from the same acres, the acres were counted only once but the quantity harvested included all cuttings. Hay cut for both dry hay and green chop or silage was to be reported for each applicable crop. For interplanted crops or ''skip-row'' crops, acres were to be reported according to the portion of the field occupied by each crop.

If a crop was planted but not harvested, the acres were not to be reported as harvested. These acres were to be reported in the ''land use'' section under the appropriate cropland items—cropland used only for pasture or grazing, cropland used for cover crops, cropland on which all crops failed, cropland in cultivated summer fallow, or cropland idle.

Corn and sorghum, hogged or grazed, were to be reported as ''cropland harvested'' and not as ''cropland used only for pasture or grazing.'' Crop residue left in fields and later hogged or grazed was not reported as cropland pasture.

Quantity harvested was not obtained for crops such as vegetables; nursery and greenhouse crops; corn cut for dry fodder, hogged or grazed; and sorghum, hogged or grazed.

Acres of land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees were to be reported as harvested cropland regardless of whether the crop was harvested or failed. However, abandoned orchards were to be reported as cropland idle, not as harvested cropland, and the individual abandoned orchard crop acres were not to be reported.

Age of operator. See Operator characteristics; Farms by age and principal occupation of operator.

Agricultural chemicals used, including fertilizer. For each type of agricultural chemical, the acres treated were to be reported only once even if the acres were fertilized or treated more than once. If multipurpose chemicals were used, the acres treated for each purpose were to be reported.

American Indian farm operators, total. This item, as it appears in appendix B, is new for the 1997 census. Data represent the number of American Indian farm operators reporting individually by replying to their own census report form and those who did not report individually but were counted on a supplemental report form. Agricultural production for these operators was collected on their respective reservation report. This ''total'' in appendix B is not the same as the ''total'' in county table 37. The ''total'' in county table 37 equals the number of operators in appendix B reported individually plus the number of reservations from State table 19.

Bedding/garden plants. In 1992, this category was called ''bedding plants.'' Bedding plants are referred as ''bedding/garden plants'' for 1997. This is a wording change; all data are comparable.

Black and other races. This category includes Blacks, American Indians (Native Americans), Asian or Pacific Islanders, and all other racial groups other than White.

Canola and other rapeseed. Canola and other rapeseed is a total of canola (edible rapeseed) and industrial rapeseed.

Chemicals. See Agricultural chemicals used, including fertilizer; total farm production expenses-Agricultural chemicals.

Cherries. Cherries were reported as sweet cherries, tart cherries, or cherries depending on the regional form the respondent completed. On regional forms for States where cherries were an important fruit crop, sweet cherries and tart cherries were listed separately. On the other regional forms, cherries were prelisted or could be written in. For publication purposes, total cherries could be shown along with the individual breakdown of sweet cherries, tart cherries, or nonspecified cherries. Nonspecified cherries were used to account for cherries where the sweet and tart breakdown was not asked or where respondents wrote in cherries but did not specify or code the kind of cherry. All the individual cherry items may not be shown for a given State.

Chickens 3 months old or older. See Layers and pullets 13 weeks old and older.

Citrus enumeration. Census reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. A citrus caretaker is an organization or person caring for or managing citrus groves for others. This special enumeration has been used since 1969 because of the difficulty in identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the census report form.

Each citrus caretaker was enumerated as a farm operator and requested to complete one report form for all groves cared for and to furnish a list of grove owners' names, addresses, and acres of citrus. The names on the lists were matched to completed grove owners' report forms to eliminate duplication. The caretaker also was requested to inform the grove owner that he/she had already reported for the citrus under his/her care and that the grove owner was not to report the citrus again. In the 1997 census, 16 caretakers in Arizona reported 120 grove owners having 19,100 acres of citrus; 75 caretakers in Florida reported 1,950 grove owners having 142,000 acres of citrus; and 10 caretakers in Texas reported 330 grove owners having 13,000 acres of citrus.

Coffee (parchment). In Hawaii, coffee could be reported in pounds parchment or pounds cherry.

Colonies of bees and honey. Bee and honey production was enumerated and tabulated in the county in which the home farm was located even though hives are often moved from farm to farm over a wide geographic area.

Commodity Credit Corporation loans. This category includes loans for corn, wheat, soybeans, sorghum, barley, oats, cotton, sunflower seed, flaxseed, safflower, canola, other rapeseed, mustard seed, peanuts, rice, and tobacco. Honey and rye were removed for 1997 due to their exclusion from the 1996 farm bill.

Conservation Reserve Programs or Wetlands Reserve Programs. See Cropland in the Conservation Reserve Programs (CRP) or Wetlands Reserve Programs (WRP).

Crop units of measure-field crops. The regional report forms allowed the operator to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the operator reported in units different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

Crop units of measure-fruit crops. For fruit, citrus, and nut crops the operator was given a choice of reporting the units of measure in pounds, tons, boxes or bins.

Crop year or season covered. Acres and quantity harvested are for the calendar year 1997 except for citrus fruits, avocados, vegetables, and sugarcane for sugar in Florida; sugarcane for sugar and citrus fruits in Texas; pineapples and coffee in Hawaii; and avocados and olives in California.

Avocados. The data for California relate to the quantity harvested in the November 1996 through November 1997 harvest season and for Florida the April 1997 through March 1998 harvest season.

Citrus fruits. The data for Florida relate to the quantity harvested in the September 1996 through July 1997 harvest season, except limes and avocados that were harvested in the April 1997 through March 1998 harvest season. The data for Texas relate to the quantity harvested in the September 1996 through May 1997 harvest season. The data for States other than Florida and Texas relate to the quantity harvested in the 1996-97 harvest season.

Coffee. The data for Hawaii relate to the 1996-97 crop.

Olives. The data for California relate to the quantity harvested in the September 1996 through March 1997 harvest season.

Pineapples. The data for Hawaii relate to the quantity harvested in the year ending May 31, 1997.

Sugarcane for sugar. The data for Florida relate to the cuttings from November 1996 through April 1997, and for Texas the cuttings from October 1996 through April 1997.

Vegetables. The data for Florida relate to the crop harvested from September 1996 through August 1997.

Cropland, harvested. See Harvested cropland.

Cropland in the Conservation Reserve Programs (CRP) or Wetlands Reserve Programs (WRP). These categories include acres of "highly erodible" cropland taken out of agricultural production and planted in protective cover crops or reforested. The Food, Agriculture, Conservation, and Trade Act of 1990 amended the Conservation Reserve Program (CRP) authorized by the Food Security Act of 1985. The 1990 Act continued the CRP and put greater emphasis on preserving and upgrading water quality by establishing a WRP that provides for annual rental payments and shared costs of conservation practices through a minimum ten-year contract with the USDA. For the 1997 census, places with land enrolled in the CRP or WRP were counted as farms, given they received $1,000 or more in government payments, even if they had no sales and otherwise lacked the potential to have $1,000 or more in sales.

Cropland, irrigated. See Irrigated land.

Cropland, other. See Other cropland.

Cropland, total. See Total cropland.

Cropland used only for pasture or grazing. This category includes land used only for pasture or grazing which could have been used for crops without additional improvement. Also included was all cropland used for rotation pasture. However, cropland which was pastured before or after crops were harvested was to be included as harvested cropland rather than cropland for pasture or grazing.

Customwork income. See Farm-related income -Customwork and other agricultural services.

Customwork, machine hire, and rental of machinery and equipment. See Total farm production expenses-Customwork, machine hire, and rental of machinery and equipment.

Cut Christmas trees harvested. This item is new for 1997. Data are for acres of cut Christmas trees harvested and value of sales. Acres of uncut Christmas trees were reported as other nursery and greenhouse crops. Live Christmas trees sold were reported as nursery crops.

Data are based on a sample of farms. For censuses since 1978, selected data were collected from only a sample of farms. These data are subject to sampling error. For 1997, the sample form was mailed to approximately 25 percent of all farms, including all large and specialized farms (based on expected sales, acres, or standard industrial classification), and all farms in Alaska, Hawaii, and Rhode Island. Sections 21 through 27 of the 1997 sample form included questions on commercial fertilizer, chemicals, production expenses, machinery and equipment, value of land and buildings, income from farm-related sources. Estimates of the reliability of State totals for most items are shown in tables C and D of appendix C. Estimates of the reliability of county totals for selected items are shown in table F of appendix C.

Direct sales to consumers. See Value of agricultural products sold directly to individuals for human consumption.

Expenses. See Total farm production expenses.

Farm-related income. Income from farm-related sources consists of gross income received in 1997 before taxes and expenses from the sales of farm by-products and other sales and services closely related to the principal functions of the farm business. The data exclude income from employment or business activities which are separate from the farm business.

Changes in items comprising farm-related income occurred between 1992 and 1997. Cut Christmas tree sales and maple product sales were included as farm-related income in 1992. These items are included in the appropriate crop production sales for 1997.

Customwork and other agricultural services. This income includes gross receipts received by farm operators for providing services for others such as planting, plowing, spraying, and harvesting. Income from customwork and other agricultural services is generally included in the agriculture census if it is closely related to the farming operation. However, it is excluded if it constituted a separate business or was conducted from another location.

Rental of farmland. This income includes gross cash rent or share payments received from renting out farmland; payments received from the lease or sale of allotments for crops such as tobacco; and payments received for livestock pastured on a per-head, per-month, or per-pound basis. It excludes rental income from nonfarm property.

Sales of forest products. This income includes gross receipts from sales of standing timber, gum for naval stores, firewood, and other forest products from the farm business. It excludes income from nonfarm timber tracts, sawmill businesses, cut Christmas trees and maple products.

Other farm-related income sources. This income includes gross receipts from hunting leases, fishing fees, camping, other recreational services, patronage dividends from farm cooperatives, sales of farm by-products, and other sales and services closely related to the farm business. It excludes income from nonfarm businesses.

Farms by age and principal occupation of operator. Data on age and principal occupation were requested from all operators in 1997. The principal occupation classifications used were as follows:

Farming. The operator spent 50 percent or more of his/her worktime in 1997 at farming or ranching.

Other. The operator spent more than 50 percent of his/her worktime in 1997 at occupations other than farming or ranching.

Farms by combined government payments and market value of agricultural products sold (State table 52). This table can be compared to data by market value of agricultural products sold in State Table 50 to analyze the difference in economic size when government payments are added to value of sales. Combined sales and government payments may be a better measure of economic size of farm, because government payments coupled with sales represent all incoming resources of an operation.

Farms by market value of agricultural products sold or value of sales. All farms were tabulated by size based on reported sales. The category ‘‘farms with sales of less than $1,000’’ included all farms with actual sales of less than $1,000 but having the production potential for sales of $1,000 or more, or receiving government payments of $1,000 or more. These farms normally would be expected to sell $1,000 or more of agricultural products.

USDA, National Agricultural Statistics Service

The sales size categories used are consistent with the standard business size categories issued by the Office of Management and Budget (OMB) in 1982. In State table 50, data are presented for four sales size categories between $10,000 and $49,999. This provides users with bridge data under both the OMB and prior census classifications.

Farms by North American Industry Classification System (NAICS). For 1997, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity or activities using the North American Industry Classification System (NAICS) and the Standard Industrial Classification System (SIC). See appendix E for an explanation of the conversion from the SIC to the NAICS.

The NAICS classifies economic activities. It was jointly developed by Mexico, Canada, and the United States. The NAICS will make it possible to produce comparable industrial statistics for Mexico, Canada, and the United States. The NAICS is scheduled to go into effect for reference year 1997 in Canada and the United States and 1998 in Mexico.

NAICS was developed to provide a consistent framework for the collection, analysis, and dissemination of industrial statistics used by government policy analysts, academics and researchers, the business community, and the public. It is the first industry classification system that was developed in accordance with a single principle of aggregation−that production units using similar production processes should be grouped together. Though NAICS differs from other industry classification systems, statistics compiled on NAICS are comparable with statistics compiled according to the latest revision of the United Nations' International Standard Industrial Classification (ISIC, Revision 3) for some sixty high level groupings. Following are explanations of the major classifications used in the 1997 census.

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.

Vegetable and melon farming (1112). Contains 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 or maturity and have annual and perennial life cycles. The nursery stock includes short rotation woody crops, such as Christmas trees, that have a growing and harvesting cycle of 10 years or less.

Tobacco farming (11191). Comprises establishments primarily engaged in growing tobacco.

Cotton farming (11192). Comprises establishments primarily engaged in growing cotton.

Sugarcane farming (11193). Comprises establishments primarily engaged in growing sugarcane.

Hay farming (11194). Comprises establishments primarily engaged in growing hay, alfalfa, clover, and/or mixed hay.

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 (value of crops for market).

Beef cattle ranching and farming (112111). Comprises establishments primarily engaged in raising cattle (including cattle for dairy herd replacements).

Cattle feedlots (112112). Comprises establishments primarily engaged in feeding cattle for fattening.

Dairy cattle and milk production (11212). Comprises establishments primarily engaged in milking dairy cattle.

Hog and pig farming (1122). Comprises establishments primarily engaged in raising hogs and pigs. Activities may include breeding, farrowing, and the raising of weanling pigs, feeder pigs, or market size hogs.

Poultry and egg production (1123). Comprises establishments primarily engaged in breeding, hatching, and raising poultry for meat or egg production.

Sheep and goat farming (1124). Comprises establishments primarily engaged in raising sheep, lambs, and goats, or feeding lambs for fattening.

Animal aquaculture (1125). Comprises establishments primarily engaged in the farm raising of finfish, shellfish, or any other kind of animal aquaculture. These establishments use some form of intervention in the rearing process to enhance production, such as holding in captivity, regular stocking, feeding, and protecting from predators.

Other animal production (1129). Comprises establishments primarily engaged in raising animals and insects (except cattle, hogs and pigs, poultry, sheep and goats, animal aquaculture) for sale or product production. These establishments are primarily engaged in one of the following: bees, horses and other equines, rabbits and other furbearing animals, and so forth, and producing products, such as honey and other bee products. Establishments primarily engaged in raising a combination of animals with no one animal or family of animals accounting for one-half of the establishment's agricultural production (i.e., value of animals for market) are included in this industry group.

Farms by size. All farms were classified into selected 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 to be part of the tenant's farm and not part of the owner's.

Farms by Standard Industrial Classification (SIC). Data for farms by SIC are provided in a bridge table in appendix E. For future censuses, farms will be classified only by the North American Industrial Classification System (NAICS).

Farms by tenure of operator. All farms were classified by tenure of operator in 1997. The classifications used were as follows:

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 by type of organization. All farms were classified by type of organization in the 1997 census. The classifications used were as follows:

Individual or family (sole proprietorship), excluding partnership and corporation.

Partnership, including family partnership.

Corporation, including family corporation—further subclassified into the following two categories:

1. Family held or other than family held
2. More than 10 stockholders or less than 10 stockholders

Other, cooperative, estate or trust, institutional, etc.

Farms by value of sales. See Farms by market value of agricultural products sold or value of sales.

Farms or farms reporting. The terms ''farms'' and ''farms reporting'' in the presentation of data denote 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 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. 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--Commercial fertilizer .

Fish and other aquaculture products. The raising of fish and other aquaculture products in captivity is included in the agriculture census. Production in saltwater is considered not to be in captivity and is excluded from the census.

Floriculture crops. For 1997, data for floriculture crops are a total of bedding/garden plants, cut flowers and cut florist greens, foliage plants, and potted flowering plants.

Government payments. This category consists of direct cash payments received by the farm operator in 1997. It includes disaster payments; transition payments from prior participation; payments from Conservation Reserve Programs, the Wetlands Reserve Programs, and other conservation programs; and all other federal farm programs under which payments were made directly to farm operators.

Grain sales. Data are for the total market value of cash grains sold, including corn for grain or seed, wheat for grain, soybeans for beans, sorghum for grain or seed, oats for grain, and other grains.

Grapes. Farm operators were given the option of reporting the quantity of grapes harvested in dry weight or fresh weight. For publication purposes, all quantities of grapes harvested were converted to pounds fresh weight. The conversion used was 4.20 pounds fresh weight to 1 pound dry weight.

Greenhouse produced vegetables. In 1992, this item was referred to as ''greenhouse vegetables.'' This is only a wording change; the data are comparable.

Harvested cropland. This category includes land from which crops were harvested or hay was cut, and land in orchards, citrus groves, Christmas trees, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once. Land in tapped maple trees is included in woodland not pastured.

Hay−alfalfa, other tame, small grain, wild, grass silage, green chop, etc. Data shown for hay represent all hay crops, including grass silage, haylage, and hay crops cut and fed green (green chop). In production data, dry tons

USDA, National Agricultural Statistics Service

represents dry tonnage for the various hay categories and dry weight equivalents for grass silage and hay cut and fed green. The conversion used was 3 tons of green weight to 1 ton of dry weight.

Hay−tame hay other than alfalfa, small grain, and wild hay. Data shown represent dry tons of hay harvested from clover, lespedeza, timothy, Bermuda grass, Sudangrass, and other types of legume and tame grasses.

Hens and pullets. See Layers, pullets, and pullet chicks.

Hens and pullets of laying age. See Layers 20 weeks old and older.

Herbs−total, fresh cut, and dried. Total herbs is a total of fresh cut and dried herbs. Separate data are shown for fresh cut herbs as a vegetable crop and dried herbs as another crop.

Hired farm labor. Data are for total hired farm workers, including paid family members, by number of days worked.

Income. See Net cash return from agricultural sales for the farm unit.

Injuries and deaths. Data are for work-related injuries and deaths of the farm operator, family members, and hired workers.

Irish potatoes. See Potatoes, excluding sweetpotatoes.

Irrigated land. This category includes all land watered by any artificial or controlled means, such as sprinklers, flooding, furrows or ditches, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was to be counted only once regardless of the number of times it was irrigated or harvested.

Land area. The approximate land area of counties and States represents the total land area as determined by records and calculations as of January 1, 1997. These data are updated periodically; however, the acreages shown for 1997 are the same as in 1992.

Land in farms. The acreage designated as ''land in farms'' consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operation. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations. Land in farms includes acres in the Conservation Reserve and Wetlands Reserve Programs.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be 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 to be reported by the grazing association and included as land in farms. All land in American Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in reservations not reported by individual American Indians or non-Native Americans was to be reported in the name of the cooperative group that used the land. In many instances, an entire American Indian reservation was reported as one farm.

Land in orchards. This category includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of fewer than 20 total fruit, citrus, or nut trees, or grapevines.

Land in two or more counties. With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. For a limited number of Midwest and Western States, this procedure resulted in the allocation of more land in farms to a county than the total land area of the county. To minimize this distortion, separate reports were required for large farms identified in the 1992 census as having more than one farm unit. Other reports received showing land in more than one county were separated into two or more reports if the data would substantially affect the county totals.

Land used for vegetables. Data are for the total land used for vegetable crops. The acres were to be reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

Landlords. Data show the number of landlords from whom the farm operator rented land, including those whose land may have been subleased by the farm operator to someone else.

Layers 20 weeks old and older. This category includes layer hens in molt and other layer hens and pullets 20 weeks old and older. In the 1992 census this category was referred to as ''Hens and pullets of laying age.'' This is only a wording change; the data are comparable to 1992.

Layers and pullets 13 weeks old and older. This category includes layer hens in molt and other layer hens and pullets 13 weeks old and older. In the 1992 census this category was referred to as ''Chickens 3 months old or older.'' This is only a wording change; the data are comparable to 1992.

Layers, pullets, and pullet chicks. This category includes layers, pullets, and pullet chicks of all ages. In the 1992 census, this category was referred to as ''Hens and pullets.'' This is only a wording change; the data are comparable to 1992.

Macadamia nuts. In Hawaii, macadamia nuts could be reported in pounds husked, unshelled or pounds shelled.

Maple trees tapped. Data are for acres of tapped maple trees (sugar bush). Quantity harvested is for number of taps from which sap was gathered. Acres of tapped maple trees are included in woodland not pastured.

Market value of agricultural products sold. This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 1997 regardless of who received the payment. It includes sales by the operator as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. In addition, it includes receipts from placing commodities in the Commodity Credit Corporation (CCC) loan program in 1997. It does not include payments received for participation in other federal farm programs nor does it include income from farm-related sources such as customwork and other agricultural services, or income from nonfarm sources.

The value of crops sold in 1997 does not necessarily represent the sales from crops harvested in 1997. Data may include sales from crops produced in earlier years and may exclude some crops produced in 1997 but held in storage and not sold. For commodities such as sugar beets and wool sold through a co-op which made payments in several installments, respondents were requested to report the total value received in 1997.

The value of agricultural products sold was requested of all operators. If the operator failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory, or number sold. Extensive estimation was required for operators growing crops or livestock under contract.

Caution should be used when comparing sales in 1997 with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation.

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 small number of write-in crops. 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.

Net cash return from agricultural sales for the farm unit. Net cash return is derived by subtracting total operating expenditures from the gross market value of agricultural products sold. Both gross sales and production expenditures include sales and expenses of the farm operator as well as those of partners, landlords, and contractors. Therefore, the net cash return is that of the farm unit rather than the net farm income of the operator. Consequently, while the net cash return of a contractee grower could be negative, the actual return could be positive, meaning the integrator/contractor was absorbing an even larger loss on the growout operation. Oftentimes, these losses are offset by later gains from further processing. Conversely, a very high net cash return is usually shared between an integrator/contractor and a contractee grower and should not be viewed totally as a return to the contractee grower.

Operating expenses used in calculating net cash return do not include depreciation or changes in inventory values. Expenses may have been understated on farms renting land from others because taxes paid by landlords are excluded, and insurance and other landlord expenses not readily known to renters may have been omitted or underestimated.

For publication purposes, farms are divided into two categories: 1) Farms with net gains and 2) Farms with net losses. Farms with net gains include those whose production expenses are equal to the market value of their agricultural products sold.

Nursery and greenhouse crops grown for sale. These data are summations of the individual items reported. All of the individual items may not be shown.

Nursery, floriculture, vegetable and flower seed crops, sod, etc., grown in the open, irrigated. Data refer to farms reporting irrigated nursery, floriculture, vegetable and flower seeds, sod, bedding/garden plants, etc., grown in the open.

Occupation. See Operator characteristics; Farms by age and principal occupation of operator.

Operator. The term ''operator'' designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which is retained for his/her own operation. For partnerships, only one partner is counted as the operator. If it is not clear which partner is in charge, then the senior or oldest active partner is considered the operator.

For census purposes, the number of operators is customarily the same as the number of farms. The exception to this rule occurs in appendix B, table A. It shows the number of American Indian farm operators on reservations. Since reservations are counted as one farm in other tables, in this instance, the number of operators will exceed the number of farms. In some cases, the operator was not the

USDA, National Agricultural Statistics Service

individual named on the address label of the report form, but another family member, a partner, or a hired manager who was actually in charge of the farm operation.

Operator characteristics. All operators were asked to report age, race, sex, place of residence, principal occupation, days worked off the farm, year in which his/her operation of the farm began, and Spanish, Hispanic, or Latino origin. If race, age, sex, and principal occupation were not reported, they were imputed based on information reported by farms with similar acreage, tenure, and value of sales. No imputations were made for nonresponse to place of residence, Spanish, Hispanic, or Latino origin, off-farm work, or year began operation. Operators of Spanish, Hispanic, or Latino origin were tabulated by reported race.

Operators of Spanish, Hispanic, or Latino origin. No imputation was made for those not responding to the question on Spanish, Hispanic, or Latino origin. Operators of Spanish, Hispanic, or Latino origin are found in all of the racial groups listed in the census and were tabulated according to the race reported. In 1992, this category was referred to as ''Operators of Spanish origin.''

Other aquaculture products. This category includes the production of aquaculture other than crawfish and finfish.

Other crop sales. Data are for the total market value of all crops not having fitted into one of the prelisted sales categories. It includes crops such as maple syrup, mint for oil, peanuts, potatoes, sugar beets, sugarcane, sweetpotatoes, etc.

Other cropland. This category includes cropland not harvested and not grazed which was used for cover crops or soil-improvement crops, land on which all crops failed, land in cultivated summer fallow, idle cropland, and land planted in crops which were to be harvested after the census year.

Other fish. This category includes production of fish other than catfish, trout, hybrid striped bass, and crawfish.

Other fruits and nuts. Data shown for other fruits and nuts relate to any fruits and nuts not having a specific code on the 1997 report form.

Other grain sales. These data are for the total market value of other grains sold including dry edible beans, dry lima beans, buckwheat, canola, dry southern peas (cowpeas), emmer and spelt, flaxseed, lentils, mustard seed, dry edible peas, popcorn, proso millet, industrial rapeseed, rice, rye for grain, safflower, sunflower seed, triticale, and wild rice.

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.

Other livestock and livestock products. This category includes all livestock and livestock products not having specific codes on the 1997 report form.

Other nursery and greenhouse crops. Data for ''Other nursery and greenhouse crops'' include acres of uncut Christmas trees with minimum sales of $1,000. Also included are acres and sales of short rotation woody crops.

Other races. This category is primarily limited to persons native to or of ancestry from Mexico, the Caribbean, and Central and South America.

Plums and prunes. Farm operators were given the option of reporting the quantity of plums and prunes harvested in dry weight or fresh weight. For publication purposes, all quantities of plums and prunes harvested have been converted to pounds of fresh weight. The conversion used was 3.00 pounds fresh weight to 1 pound dry weight.

Potatoes, excluding sweetpotatoes. In 1992, this item was referred to as Irish potatoes. This is only a wording change; all data are comparable.

Poultry hatched. This category includes all poultry hatched on the place during the year and placed or sold. Incubator egg capacity on December 31, 1997, is tabulated under the column heading ''Inventory'' and the number of poultry hatched and placed or sold is under the heading ''Sales.''

Production expenses. See Total farm production expenses.

Pullet chicks and pullets less than 13 weeks old. This category includes all pullets and pullet chicks less than 13 weeks old. In the 1992 census, this category was referred to as ''Pullet chicks and pullets under 3 months old.'' This is only a wording change; the data are comparable to 1992.

Race. See Other races; Black and other races; Operator characteristics.

Rental income. See Farm-related income-Rental of farmland.

Sales, total. See total sales; Market value of agricultural products sold; Farms by market value of agricultural products sold or value of sales.

Size of farm. See Farms by size.

Tame hay other than alfalfa, small grain, and wild hay (tons, dry). See Hay−tame hay other than alfalfa, small grain, and wild hay.

Tenure. See Farms by tenure of operator.

Total cropland. This category includes land from which crops were harvested or hay was cut; land in orchards, citrus groves, vineyards, nurseries, and greenhouses; cropland used only for pasture or grazing; land in cover crops, legumes, and soil-improvement grasses; land on which all crops failed; land in cultivated summer fallow; and idle cropland.

Total farm production expenses. Includes the share of the expenditures provided by landlords, contractors, and partners in the operation of the farm business. Expenses were limited to those incurred in the operation of the farm business. Property taxes paid by landlords were excluded. Also excluded were expenditures for nonfarm activities; farm-related activities such as providing customwork for others, producing and harvesting forest products, and providing recreational services; and household expenses. In 1997, as in other recent censuses, operators producing crops, livestock, or poultry under contract often were unable or unwilling to estimate the cost of production inputs furnished by the contractors. As a consequence, extensive estimation for some expenditure items was required for contract producers. Explanations of selected production expenses are listed below.

Agricultural chemicals. These expenses include the cost of all insecticides, herbicides, fungicides, and other pesticides, including costs of custom application. Data exclude commercial fertilizer purchased.

Commercial fertilizer. The expense for commercial fertilizer is the amount spent on all forms of fertilizer including rock phosphate and gypsum. It also includes the cost of custom application.

Customwork, machine hire, and rental of machinery and equipment. 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. The cost of custom application of fertilizer and chemicals is included in expenditures for fertilizer and chemicals in 1997, 1992, and 1987. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense.

Feed for livestock and poultry. These expenses include the cost of all feed for livestock and poultry including grain, hay, silage, mixed feeds, concentrates, etc.

Hired farm and ranch labor. These expenses include the total amount paid for farm or ranch labor including regular workers, part-time workers, and members of the operator's family if they received payments for labor. It includes social security taxes, State taxes, unemployment tax, payment for sick leave or vacation pay, workman's compensation, insurance premiums, and pension plans.

Interest. Separate data are included for interest paid on debts secured by real estate and interest paid on debts not secured by real estate.

Livestock and poultry purchased. These expenses include the total amount spent by the operator, his/her landlord, and by others for all livestock and poultry bought during 1997 for production on the farm or ranch. The total includes amounts spent for cattle, calves, hogs, pigs, sheep, hatchery eggs, etc. Estimations of the value of livestock or poultry grown under contract or fed on a custom basis were to be made based on their value when they arrived on the farm or ranch.

Repairs and maintenance. These expenses include all costs for the repair and upkeep of buildings, motor vehicles, and farm equipment used for the farm business.

Seed cost. These expenses include the cost of all seeds, bulbs, plants and trees, or the estimated cost of these items if provided by contractors. Seed cost does not include the value of seed grown on this place.

Total sales. This item represents the gross market value of all agricultural products sold before taxes and expenses in the census year including livestock, poultry, and their products, and crops, including nursery and greenhouse crops, and hay. Respondents were asked to include landlords' and contractors' shares. The value of commodities placed in CCC loans is included as sold. All farms were tabulated by size based on reported sales.

Tractors. This item includes a new horsepower (PTO) category. In the 1992 census, respondents reported wheel tractors other than garden tractors and motor tillers as less than 40 horsepower (PTO) or 40 horsepower (PTO) or more. In the 1997 census, the 40 horsepower (PTO) category was broken into 40 to 99 horsepower (PTO) and 100 horsepower (PTO) or more.

Type of farm. See Farms by North American Industry Classification System (NAICS) and Farms by Standard Industrial Classification (SIC).

Type of organization. See Farms by type of organization.

Value of agricultural products sold directly to individuals for human consumption. This item represents the value of agricultural products produced and sold directly to individuals for human consumption from roadside stands, farmers' markets, pick-your-own sites, etc. It excludes nonedible products such as nursery crops, cut flowers, wool, etc. Sales of agricultural products by vertically integrated operations through their own processing and marketing operations were excluded.

Value of land and buildings. Respondents were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the value the land and buildings would sell for under current market conditions. If the value of land and buildings was not reported, it was estimated using the average value of land and buildings from a similar farm in the same geographic area.

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.

Wheat for grain. Wheat was listed on the report form separately or in combinations by type as listed below, depending on the regional report form completed by the respondent.

Wheat for grain
Winter wheat for grain
Spring wheat for grain
Durum wheat for grain
Spring wheat, other than durum, for grain

For publication, wheat was shown separately or in combinations by type as listed below, depending on the State for which it was published.

Wheat for grain, total
Winter wheat for grain
Spring wheat for grain
Durum wheat for grain
Other spring wheat for grain
Non-specified wheat for grain

The wheat by type (winter, spring, durum, and other spring) breakdown was published for States where more than one type was commonly produced; however, all the types may not be shown. Non-specified wheat was shown when a type not commonly produced in a State was reported on a report form not intended for use for that State or when reporting errors were suspected.

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 to be reported as other pastureland and rangeland or other land. Land planted for Christmas tree production was to be reported in cropland harvested, and land in tapped maple trees reported as woodland not pastured.

Write-in crops. To reduce the length of the report form, only the major crops for each region were prelisted. For other crops, the respondent was asked to look at a list of crops in each section and write in the crop name and its code. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code into the appropriate ‘‘all other’’ category for that section. Write-in crops coded as ‘‘all other’’ were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate ‘‘all other’’ category.

In some cases, the reviewers were unable to determine the specific crop reported by the respondent because of incomplete or generalized crop names. To ensure proper coding, most of these respondents were telephoned. Reports for those not telephoned were changed on the basis of other reports for the area.

Appendix B.
American Indian Farm Operators

During the 1992 and previous censuses, American Indian farm operations on reservations were enumerated at the reservation level, generally as a single unit. In the 1997 census, the historic methodology was used in conjunction with an additional procedure to count American Indian farm operators on reservations who were not counted individually.

Table A, American Indian Farm Operators: 1997, reflects the results of the methodological changes to enumerate American Indian farm and ranch operators. The table provides the total number of American Indian farm operators both on and off reservations. The "other" column provides counts of operators on reservations. The "individually reported" column provides counts of operators on or off reservations. This is the only table in the Volume 1, Geographic Area Series publication where information for total number of American Indian farm operators is available. Other than the count of operators, information for American Indian farm operators who did not report individually was collected at or aggregated to the reservation level. Consequently, other published data treat each reservation as a single farm operation. State level data are provided in Table B, State Highlights of Farms Operated by American Indians: 1997. American Indian agricultural resources and production not reported by individuals are included in their respective reservation reports.

The term American Indian was used on the report form that collected the counts of on-reservation operators as well as the 1997 Census of Agriculture report form. The term American Indian represents persons who also would identify themselves as Native American or Alaskan Native.

Table A. **American Indian Farm Operators: 1997**

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

Geographic area	American Indian farm operators		
	Total	Individually reported	Other[1]
STATE TOTAL			
Michigan	98	98	–
COUNTIES, 1997			
Calhoun	3	3	–
Chippewa	7	7	–
Isabella	3	3	–
Jackson	3	3	–
Lenawee	3	3	–
Livingston	5	5	–
Mackinac	3	3	–
Mason	3	3	–
Monroe	3	3	–
Muskegon	4	4	–
Ottawa	3	3	–
Saginaw	3	3	–
Washtenaw	5	5	–
All other counties	50	50	–

[1]Data represent American Indian farm and ranch operators on reservations that did not report individually. Data obtained from reservation officials.

Table B. **State Highlights of Farms Operated by American Indians: 1997**

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

Item	Farms operated by American Indians	State total of all farms	Percent of State total of all farms
American Indian farm operators [1] ..... number	98	(X)	(X)
Land in farms ..... acres	11 996	9 872 812	.1
Estimated market value of land and buildings[2] $1,000	17 291	16 489 949	.1
Estimated market value of all machinery and equipment[2] $1,000	2 459	3 055 199	.1
Total cropland ..... acres	7 336	7 891 802	.1
Harvested cropland ..... acres	4 768	6 724 480	.1
Cropland used only for pasture or grazing ..... acres	1 278	481 259	.3
Other cropland ..... acres	1 290	686 063	.2
Total woodland ..... acres	2 094	1 142 688	.2
Pastureland and rangeland other than cropland and woodland pastured ..... acres	(D)	187 975	(D)
Irrigated land ..... acres	10	393 485	(Z)
Harvested cropland ..... acres	(D)	390 636	(Z)
Pastureland and other land ..... acres	(D)	2 849	(D)
Market value of agricultural products sold $1,000	2 806	3 567 825	.1
Crops, including nursery and greenhouse crops $1,000	1 085	2 199 721	(Z)
Livestock, poultry, and their products $1,000	1 720	1 368 104	.1
Total farm production expenses[2] $1,000	2 518	2 835 658	.1
Cattle and calves inventory ..... number	950	1 025 702	.1
Beef cows ..... number	268	116 399	.2
Milk cows ..... number	(D)	300 641	(D)
Heifers and heifer calves ..... number	(D)	321 816	(D)
Steers, steer calves, bulls, and bull calves ..... number	330	286 846	.1
Cattle and calves sold ..... number	634	537 681	.1
Cattle, including calves weighing 500 pounds or more ..... number	491	366 180	.1
Cattle fattened on grain and concentrates for slaughter ..... number	(D)	210 652	(D)
Cattle weighing less than 500 pounds ..... number	143	171 501	.1
Sheep and lambs inventory ..... number	345	72 107	.5
Ewes 1 year old or older ..... number	240	36 241	.7
Sheep and lambs shorn ..... number	247	61 122	.4
Sheep and lambs sold ..... number	98	77 146	.1
Horses and ponies inventory ..... number	557	66 201	.8
Horses and ponies sold ..... number	23	9 646	.2
Crops harvested:			
Corn for grain or seed ..... acres	1 233	2 122 283	.1
Wheat for grain ..... acres	–	499 742	–
Oats for grain ..... acres	62	77 588	.1
Hay - alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... acres	2 739	1 264 350	.2

[1] Includes operators on and off reservations.
[2] Data are based on a sample of farms.

Appendix C.
Statistical Methodology

THE SCREENING PHASE AND THE MAIL LIST MODEL

The 1997 Census of Agriculture featured a pre-census screening phase that surveyed selected records, by mail or telephone, for presence or absence of agricultural activity. Records selected for screening had a low probability of qualifying as farms. All records responding to the screener and reporting no agricultural activity were removed from the census mail list. Eliminating nonfarm records from the mail list reduced respondent burden and data collection costs.

The screening phase included nearly 500,000 records. Records were selected for screening using one of the following criteria:

1) Records on selected agriculture specialty lists that had no other list source,
2) Records identified by a mail list model as having a low probability of being a farm.

A mail list model predicted the probability that an addressee on the 1997 preliminary census mail list operated a farm. The model defined groups based on combinations of characteristics such as source(s) of the mail list record, expected value of agricultural production, and geographic location. Farm proportions were estimated for these groups by calculating the proportion of 1992 census respondent records that were farms which exhibited the characteristics defined by the group. This proportion, also called the in-scope rate, provided an estimate of the probability that an addressee in the group operated a farm.

Each address record on the 1997 preliminary census mail list was assigned to a model group by matching record characteristics to model group characteristics. Records belonging to the groups with the highest farm probability were those more likely to be farms. Records with a farm probability of approximately 30 percent or less were selected for screening, along with records included on selected agriculture specialty lists as noted above.

Before screening, the preliminary census mail list consisted of 3,314,790 records. There were 478,298 records selected for screening. Of these, 125,570 records were determined to be nonfarms as a result of the screening phase and were removed. These records were removed from the final census mail list. The remaining 3,189,220 records received census report forms.

CENSUS SAMPLE DESIGN

All name and address records on the final census mail list were designated to receive a 1997 Census of Agriculture report form. Two different types of census report forms, sample and nonsample, were used to collect data. Sections 1 through 20 and 28 through 32 of the sample form were identical to sections on the nonsample census form. Sample form sections 21 through 27 contained additional questions on usage of fertilizers and chemicals, farm production expenditures, value of machinery and equipment, value of land and buildings, farm-related income, and hired workers. There were 11 regional versions of the nonsample form and 13 regional versions of the sample form with listings of crops varying by region. These different forms were used to reduce the response burden of the census, while providing reliable information on a large number of data items.

The sample form was mailed to all mail list records in Alaska, Hawaii, and Rhode Island and to a sample of records in other States selected from the final mail list. Mail list records were selected into the sample with certainty if they (1) were expected to have large total value of agricultural products sold or large acreage, (2) were multi-unit operations (i.e., separate farms producing under one company organization), (3) were in a county with less than 100 farms in 1992, or (4) had other special characteristics. Farms with special characteristics were abnormal farms, such as institutional farms, experimental and research farms, and Indian reservations. Mail list records in counties containing 100 to 199 farms in 1992 were systematically sampled at a rate of 1 in 2; records in counties containing 200 to 299 farms in 1992 were systematically sampled at a rate of 1 in 4; and records in counties containing 300 or more farms in 1992 were systematically sampled at a rate of 1 in 6. The remaining mail list records not chosen to receive the sample form received the nonsample census form. This differential sampling scheme was used to provide reliable data for the sample sections of the report form for all counties.

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

The census of agriculture complex edit and imputation system is an automated computerized system that performed the following functions:

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- Ensured reasonable relationships between/among data items, values for various sizes of farms, combinations of commodities, and economic interactions.
- Ensured necessary consistencies were present (there were more than 70 distinct consistency requirements).
- Ensured climatic, geographic, legal, and physical constraints were met.

The system performed these and similar functions for more than 900 data key codes for sample records and approximately 850 data key codes for nonsample records.

For the 1997 Census of Agriculture, as in previous censuses, all reported data were keyed and then edited by computer. The edits were used to determine whether the reports met the minimum criteria to be counted as farms in the census. The complex edit and imputation system provided the basis for deciding to accept, impute (supply), delete, or alter the reported value for each data record item.

Whenever possible, edit imputations, deletions, and changes were based on component or related data on the respondent's report form. For some items, such as operator characteristics, data for that record from the previous census were used when available. Values for other missing or unacceptable reported data items were calculated based on reported quantities and known fixed price parameters.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in a geographically adjacent area with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report quantity of corn harvested, was assigned the same bushels of corn per acre harvested as that of the last nearby farm with similar characteristics that reported acceptable yields during that particular execution of the computer edit. The imputation for missing items in each section of the report form was conducted separately; thus, assigned values for one operation could come from more than one respondent.

Prior to the imputation operation, a set of default values and relationships was assigned to the possible imputation variables. The relationships and values varied depending on the item being imputed. For example, different default values were assigned for several Standard Industrial Classifications and total value of sales categories when imputing hired farm labor expenses. These values and item relationships for the possible imputation variables were stored in the computer in a series of matrices.

Each execution of the computer edit consisted of records from only one State sorted by reported State and county. For a given execution of the edit, the stored entries in the various matrices were retained in memory only until a succeeding record having acceptable characteristics for the same sections of the report form was processed by the computer. Then the acceptable responses of the succeeding operation replaced those previously stored. When a record processed through the edit had unreported or unacceptable data, the record was assigned the last acceptable ratio or response from an operation with a similar set of characteristics. Once each execution of the computer edit for a State was completed, the possible imputation variables were reset to the default values and relationships for subsequent executions. An edit run usually consisted of 10,000 or more records.

After the initial computer edit, all keyed reports not meeting the census farm definition were reviewed to ensure that the data had been keyed correctly. Edit referrals were generated for 17 percent of the reports included as farms; they were reviewed for keying accuracy and to ensure that the computer edit actions were correct. If the results of the computer edit were not acceptable, corrections were made and the record re-edited.

CENSUS ESTIMATION

The 1997 Census of Agriculture used two types of statistical estimation procedures to account for whole farm nonresponse and sample data collection. The procedures were necessary because some farm operators did not respond to the census despite numerous attempts to contact them, and estimates for certain data items were based on a sample of farm operators rather than a full enumeration.

Whole Farm Nonresponse Estimation

Whole farm nonresponse to the census occurred when a response was never received for a record. If the record was a large farm, as defined by value of production or acreage, or a unique farm operation, intensive telephone or personal followup was conducted during census processing to obtain a response. If these attempts failed, either the NASS survey database, the census historic database, or other more current sources were used to impute data for the record.

During mail list development, the State Statistical Offices (SSOs), in an effort to reduce respondent burden, identified records that participated in multiple NASS surveys and/or situations where there were special reporting relationships between an enumerator and a respondent. These records were referred to as tagged records. The SSOs had full responsibility for the data collection for these records, including imputation of data for the record if a response was not obtainable.

Whole farm nonresponse that occurred within the remaining universe of records was accounted for by a statistical weighting procedure. The weights of the responding farms were adjusted to account for farms that did not respond. The information needed for this process was obtained from the 1997 Nonresponse Survey. The SSOs conducted the nonresponse survey using computer-assisted telephone interviewing (Blaise-CATI) or personal enumeration when telephone contact was not possible. Alaska and Rhode

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Island were not eligible for the survey because all nonrespondents were subject to extensive followup. In these cases, data were collected by telephone or other methods. The nonresponse survey collected information from a sample of census nonrespondents to determine farm status and estimate the proportion of farms in the nonresponse universe. The information was then used to estimate the number of nonresponding farm operations by State and county.

The 1997 Nonresponse Survey consisted of a stratified systematic sample of the nonresponse records within each State. The sample was selected near the end of the census follow-up operations. Five strata were defined to be homogeneous on probability of farm status and were based on screener status, total value produced, and list source(s) of the mail list record.

Based on survey results, estimates of the proportion of census nonrespondents operating farms were made for each stratum in the State. The estimates were applied to the total number of census nonrespondents in that stratum, providing a State estimate of the number of census nonrespondents that operated farms. The number of census nonrespondents that operated farms was then derived for each county by stratum. This estimation procedure assumed that the distribution of farms in a stratum by county was the same for census nonrespondents as for census respondents.

Within each stratum in a county, a noninteger nonresponse weight was calculated and assigned to each eligible respondent farm record. Census respondent farms that were designated as large farms or tagged records or as farms that exhibited ‘‘rare’’ commodities were ineligible to represent nonrespondent farms and were excluded from the nonresponse weighting procedure. These records were assigned nonresponse weights of 1.0.

The noninteger nonresponse weight is the ratio of the sum of the estimated number of nonrespondent farms from the nonresponse survey and the number of eligible census respondent farms, divided by the number of eligible census respondent farms. Stratum controls were established to ensure that this weight never exceeded 2.0. For the published tabulations of the complete count items, the noninteger nonresponse weight was randomly rounded to an integer weight of either 1 or 2 for each record. For the sample count items, the noninteger nonresponse weight was used in the calculation of the final sample weight.

Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. The percentages in this table are percents of the census values contributed by nonresponse estimation. These indicate the potential for bias in published figures resulting from nonresponse to the census. The estimates provided in this table do not reflect the effect of item nonresponse to individual census data items. The effect of this item nonresponse is discussed in the ‘‘Census Nonsampling Error’’ section.

Sample Estimation

Sample data estimation determined the population totals that would have resulted from a complete census for the items in sections 21 through 27 of the sample form. The estimates were obtained from a weighting procedure that assigned a weight to each respondent record containing sample items. For any given county, a sample item total was estimated by multiplying the data items for each farm in the county by the corresponding sample weight and summing over all sample records.

Each respondent sample farm was assigned a sample weight for use in producing estimates for all sample items. For example, if the weight given to a sample farm had the value 6, all sample data items reported by that farm were multiplied by 6.

The noninteger sample weight is calculated for each respondent sample farm by multiplying the noninteger nonrespondent weight by the sampling factor. For published tabulations of the sample count items, the noninteger sample weight was randomly rounded to an integer weight for each record. For certainty farms, the sampling factor equals 1 so the sample weight is just equal to the nonresponse weight. Sampling factor calculation for non-certainty farms is described below.

Within a county, the weighting procedure for non-certainty farms was performed in three steps using three variables. The first variable contained eight 1997 total value of agricultural production (TVP) groups. The second and third variables, Standard Industrial Classification (SIC) code and farm acreage, contained two groups. The three sets of groups were:

TVP	SIC	Acres
$1 to $999	01, 08 All crops	1 to 69
$1,000 to $2,499	02 All livestock	70 or more
$2,500 to $4,999		
$5,000 to $9,999		
$10,000 to $24,999		
$25,000 to $49,999		
$50,000 to $99,999		
$100,000 or more		

The first step in the estimation procedure classified the sample records into 32 mutually exclusive initial strata formed by the three variable groups. The total and sample farm counts were expanded to account for nonresponse. Each cell containing sample farm records was assigned an initial sample factor equal to the ratio of the total farm count to the sample farm count. This factor was approximately equal to the inverse of the probability of selecting a farm for the census sample.

The second step in the estimation procedure combined, when necessary, the 32 initial strata to increase the reliability of the weighting procedure. Any stratum that contained less than 10 sample farms or had a factor greater than twice the mail sample rate was collapsed with another stratum. The mail sample rate was either 2, 4, or 6,

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depending on whether the county had a 1 in 2, 1 in 4, or 1 in 6 sample selection rate. The collapsing occurred within the 32 initial strata according to a specified collapsing pattern. After the collapsing process was completed, new total farm counts and sample farm counts were computed from each final strata and used to calculate final sample factors.

The final step calculated the noninteger sample weight as the product of the final sampling factor and the noninteger nonresponse weight. As described previously, the noninteger sample weight for each record is randomly rounded to an integer weight which is used in published tabulations. For example, if the final weight for a farm was 7.2, then the record would be rounded to either 7 or 8.

CENSUS SAMPLING ERROR

The sample for the 1997 Census of Agriculture was only one of a large number of possible samples of the same size that could have been selected using the same sample design. In this context, ‘‘sample’’ refers to the sample for both the nonresponse survey and the selection of farms to receive sample forms.

The standard error, or sampling error, of a survey estimate is a measure of the variation among the estimates from all possible samples. It is a measure of precision - that is, how well an estimate from a particular sample approximates the true population parameter. The percent relative standard error of an estimate is defined as the standard error of the estimate divided by the value of the estimate, then multiplied by 100. The true population parameter can be defined or conceptualized several different ways. One way is to think of the true population parameter as the average result of all possible samples (selected using a given sample design). A second way is to think of the true population parameter as the figure obtained from carrying out a complete enumeration of the population.

If all possible samples were selected, each of the samples surveyed under essentially the same conditions, and an estimate and its standard error calculated from each sample, then:

1. Approximately 90 percent of the intervals from 1.65 standard errors below the estimate to 1.65 standard errors above the estimate would include the true population parameter.

2. Approximately 95 percent of the intervals from 1.96 standard errors below the estimate to 1.96 standard errors above the estimate would include the true population parameter.

The following example illustrates the computations necessary to produce a confidence statement for an estimate. Assume that the estimate of number of farms for a State is 94,382 and the relative standard error of the estimate is 0.1 percent (0.001). Multiplying 94,382 by 0.001 yields 94, the standard error; therefore, a 90-percent confidence interval is 94,227 to 94,537 (i.e., 94,382 plus or minus 1.65 x 94). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 90 percent of these intervals would contain the true population parameter. Similarly, a 95-percent confidence interval is 94,198 to 94,566 (i.e., 94,382 plus or minus 1.96 x 94).

Census items were classified as either complete count or sample count items. All farm operators were asked the complete count items. Examples of complete count items were: land in farms, harvested cropland, livestock inventory and sales, crop acreage, quantities harvested and crop sales, land use, irrigation, government loans and payments, conservation acreage, type of organization, and operator characteristics.

Only a sample of farm operators were asked the sample count items. These items appeared only in sections 21 through 27 of the sample form. Sample count items were included under the following section headings: commercial fertilizers, chemicals, production expenses, farm machinery and equipment, value of land and buildings, farm-related income, and hired workers.

Variability in the estimates of complete count items was due only to the nonresponse survey estimation procedure. With regard to the estimates of sample count items, variability was due to both the nonresponse survey estimation procedure and the census sample selection and estimation procedure. Therefore, variability in the sample count item estimates tends to be larger than the variability in the complete count item estimates. Percent relative standard error is a common measure of variability.

Table B provides the generalized reliability estimates of the estimated number of farms in a county that reported complete count and sample count items. The top half of the table shows the percent relative standard errors for estimated number of farms in a county that reported a complete count item, and the bottom half relates to sample count items. These reliability estimates are derived from regression equations. Separate regression equations were used to produce each section of table B. Each regression equation was fit with the estimated number of farms in a county reporting an item as the independent variable and the relative variance of that estimate as the dependent variable for the appropriate counties in the State. To illustrate the use of this table, assume that the estimate of the number of farms reporting hogs and pigs for a particular county, as given in county table 15, is 89. Since hogs and pigs is a complete count data item, refer to the first part of table B and use the estimated percent relative standard error of the estimate from the row with farm count equal to or just less than the estimated number of farms, 89. For this example, the percent relative standard error of the estimate comes from the row for 75 farms reporting. For sample count items, follow the same procedure using the second part of table B. For counties with fewer than 100 farms in the 1992 Census of Agriculture, variability in sample count

item estimates came only from nonresponse survey estimation procedures. The estimated relative standard error for a sample count item in these counties may be obtained using the first part of table B.

Use caution when referring to the ‘‘Sample Count Item’’ section of table B to make inferences on counties. Some counties may have been sampled at the rate of 1 in 2 or 1 in 4, but the reliability estimates shown were computed using only data from counties sampled at the rate of 1 in 6. Therefore, the reliability estimates shown would likely be overstated (or conservative) if the county was actually sampled at a higher rate.

Table C presents the percent relative standard error of selected State data items for all farms, and table D presents the percent relative standard error of selected State data items for all farms with sales of $10,000 or more.

Table E presents the standard error for percent change in State totals from 1992 to 1997. The general purpose of the percent change estimate is to provide a relative measure of the difference in a characteristic between censuses. The relative change for a given characteristic is defined as the ratio of the difference of the 1997 and the 1992 estimate for that characteristic to the 1992 estimate. This ratio is multiplied by 100 to obtain the percent change. The standard error of a percent change estimate is the standard error of the ratio multiplied by 100.

Table F presents the percent relative standard error for State and county totals for selected data items. The percent relative standard error of the estimate for the same item differs among counties in the State. Reasons for this are differences among counties in the (1) total number of farms, (2) number of large farms included with certainty, (3) size classifications of the farms sampled, (4) amount of nonresponse, (5) general agricultural characteristics, and (6) specific characteristic being measured.

The farm counts and related estimates displayed in tables A through F relate to unadjusted census totals. These totals are the same as the ‘‘Census total’’ displayed in the first column of table G (which will be discussed later in this appendix).

For most of the tables in this appendix, and also many of the tables throughout the publication, there is a footnote that reads ‘‘Data are based on a sample of farms.’’ The table entries that this footnote relate to are estimates of totals. To illustrate, suppose that the entry ‘‘other farm-related income’’ is shown with this footnote and has some number of farms given. This number given would represent an estimated total number of farms with ‘‘other farm-related income,’’ based on the farms that were in the sample. This number should not be interpreted as the number of farms in the sample that have ‘‘other farm-related income.’’

CENSUS NONSAMPLING ERROR

The accuracy of the census counts is affected jointly by sampling errors (described in the previous section) and nonsampling errors. Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form with instructions, and to minimize processing errors through the use of quality control measures. Nonsampling errors arise from many sources, including respondent or enumerator error or incorrect data keying, editing, or imputing for missing data. These nonsampling errors are further discussed in this section. Nonsampling error due to mail list incompleteness and duplication as well as misclassification of records on the mail list is called coverage error. The section titled ‘‘Coverage Evaluation’’ discusses the evaluation studies conducted to measure the extent of this error in the census.

Respondent and Enumerator Error

Incorrect or incomplete responses to the census report form or to the questions posed by an enumerator can introduce error into the census data. To reduce reporting error, detailed instructions for completing the report form were provided to each respondent. Questions were phrased as clearly as possible based on previous tests of the report form. In addition, each respondent’s answers were checked for completeness and consistency by the complex edit and imputation system.

Item Nonresponse

As information flowed from data collection to tabulation, various types of item nonresponses were identified on the census report forms. Nonresponse to particular questions on the census report form that logically should have been present created a type of nonsampling error in both complete count and sample count data. In this case, information from a similar farm was used to impute for these missing data items. The resulting data may have been biased if the characteristics of the nonreporting respondents were different from those of reporting respondents for those items.

Processing Error

All phases of processing for each census report form were potential sources for the introduction of nonsampling error. An automated check-in recorded that the report had been returned and excluded from further followup mailings. Approximately one-third of the mail returns were reviewed to resolve questions dealing with multiple reports, respondent remarks, or no reported data. The remaining mail returns (about two-thirds) were batched and sent directly to data keying, along with some of the reviewed cases containing farm data. Keyed records were transmitted, formatted, and run through the complex edit and imputation system. About one-fifth of all forms edited were clerically reviewed for inconsistencies, omissions, or questionable values. While reviewing these forms, the edit review staff determined if the action taken by the computer edit and imputation system was correct. Edited records were tabulated to the county level. Each county was reviewed and, when necessary, individual records were corrected prior to publication.

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Developing accurate processing methods is complicated by the complex structure of agriculture. Among the complexities are the many places to be included, the variety of arrangements under which farms are operated, the continuing changes in the relationship of operators to the farm operated, the expiration of leases and the initiation or renewal of leases, the problem of obtaining a complete list of agriculture operations, the difficulty of contacting and identifying some types of contractor/contractee relationships, the operator's absence from the farm during the data collection period, and the operator's opinion that part or all of the operation does not qualify and should not be included in the census. During data collection and processing of the census, all operations underwent a number of quality control checks to ensure as accurate an application as possible.

COVERAGE EVALUATION

Coverage Overview

The primary objectives of the census of agriculture are to accurately count U.S. farms, measure commodity production and sales, and measure demographic characteristics of farm operators. Since 1945, an evaluation of census coverage has been conducted for each census of agriculture to provide estimates of the completeness of census farm counts. These results help to identify problems and focus improvements for future censuses.

According to coverage evaluation results, the past five censuses of agriculture included an average of 92 percent of U.S. farms and 98 percent of agriculture production. Complete enumeration of agricultural operations satisfying the farm definition of $1,000 or more in agricultural sales is complicated by the variety of arrangements under which farms are operated, the multiplicity of names used for an operation, the number of operations in which an operator participates, and the difficulty in classifying those operations just around the $1,000 sales range. In 1997, extensive efforts were made to compile as complete and accurate a mail list as possible, while reducing the duplication and number of nonfarm operations on the list.

The 1997 coverage evaluation program was designed to measure four components of error in the census farm counts. These components include:

1. Undercount due to farms Not on the Mail List (NML)
2. Overcount due to farms Duplicated or enumerated more than once (DUP)
3. Undercount due to farms Incorrectly Classified as nonfarms (ICU)
4. Overcount due to nonfarms Incorrectly Classified as farms (ICO).

The first component, mail list undercount, is by far the largest component of coverage error. Duplication, though occurring far less frequently, can involve larger farms and have a larger impact on acreage and sales estimates. The last two components involve the misclassification of either farms or nonfarms. Misclassification can arise from errors in either reporting or processing the data.

Table G - Coverage Estimates - illustrates the effect of coverage adjustments on census farm counts by demographic characteristics, land in farms, and total value of sales. The coverage total is defined as the net difference between undercounted and overcounted farms. The adjusted census total is the sum of the census total and the net coverage total. The relative standard error is shown for the final census coverage adjusted number. This number will be similar to the relative standard error for the census number, except when the coverage total is negative or close to zero. The coverage adjustment percentage shows the coverage total as a percentage of total census adjusted farms for that characteristic.

The 1997 Census of Agriculture is the first census to include all four components of coverage error in table G. Previous publications only included the coverage error component due to farms not on the mail list (NML). Because of this, caution should be taken when comparing coverage estimates from table G with previous years. In addition, the coverage total is a negative number for some characteristics. This means that the number of farms overcounted for this characteristic was greater than the number of farms undercounted.

Area Frame Surveys to Measure Mail List Undercoverage

Names and addresses collected in the 1997 June Agricultural Survey and 1997 Fall Area Survey were used to estimate the undercount due to farms not on the census mail list (NML). These names were matched to the census mail list, and those that did not match were contacted by telephone or person. The enumerator verified whether the operation had reported in the census, and if not, a census of agriculture report form was completed.

The percentage of farms missed in the census varies considerably by State. In general, farms not on the mail list tended to be small in acreage, production, and sales of agricultural products. Farm operations could be missed for various reasons, including the possibility that the operation started after the mail list was developed, the operation may be so small as not to appear in any agriculture-related source lists, or the operation may have been falsely classified as a nonfarm prior to mailout.

Classification Error Survey to Measure Three Types of Coverage Error

The remaining three types of coverage error were measured by the Classification Error Survey. This survey was used to estimate the number of farms counted more than once (DUP), the number of farms misclassified as nonfarms (ICU), and the number of nonfarms misclassified as farms (ICO). A sample of census of agriculture respondents was selected for reinterview to determine their farm/nonfarm status and collect information to identify

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potential duplication. The farm classification from this interview was compared with the classification on the census of agriculture report form. Any differences between these two classifications were reconciled to determine the true farm status. Each operation was reviewed for duplication by matching the additional information received from the reinterview (landlords, tenants, other names, etc.) to the list of census respondents. Potential duplication was reviewed and discrepancies reconciled.

In general, the classification error rate is higher for small farms close to the $1,000 agricultural sales requirement. This rate is also higher for farms with small acreage (less than 49 acres), higher for tenant farms than for full- or part-owner farms, and higher for farms where farming is not the operator's principal occupation.

Coverage Estimation

The adjusted census total, T, is estimated as the census farm count, C, plus undercount and minus overcount adjustments. Undercount includes 1) farms not on the mail list (NML) and 2) farms incorrectly classified as nonfarms (ICU). Overcount includes 3) nonfarms incorrectly classified as farms (ICO) and 4) farms duplicated in the census (DUP). Altogether, the adjusted census total is:

$$T = C + (NML + ICU) - (ICO + DUP).$$

In some States, estimates of misclassification of farms owned by operators having rare demographic characteristics were based on particularly small sample sizes. Where such small sample sizes occurred, a form of small area estimation was used in which data from similar States contributed to that State's estimates. In these cases, the coverage totals are weighted totals of the direct State estimate and the direct estimate from the region. Direct estimates were used to the largest extent possible, based on the amount of survey cases available for the particular item being estimated.

Table A. **Percent of State Totals Contributed by Whole Farm Nonresponse Estimation: 1997**

Item		Percent of total	Item		Percent of total
Farms	number	8.6	Corn for grain or seed	acres	3.6
Land in farms	acres	5.3	Wheat for grain	acres	4.8
Estimated market value of land and buildings[1]	$1,000	5.8	Livestock and poultry inventory:		
Market value of agricultural products sold	$1,000	2.8	Cattle and calves	number	4.1
Harvested cropland	acres	4.4	Hogs and pigs	number	1.9
			Layers 20 weeks old and older	number	.1

[1]Data are based on a sample of farms.

Table B. **Reliability Estimates for Number of Farms in a County Reporting a Complete Count Item or Sample Count Item: 1997**

Farms	Relative standard error of estimate (percent)	Farms	Relative standard error of estimate (percent)
COMPLETE COUNT ITEM		SAMPLE COUNT ITEM	
Number of farms reporting:		Number of farms reporting:	
25	5.0	25	40.5
50	3.3	50	28.2
75	2.5	75	22.7
100	1.9	100	19.4
150	1.1	150	15.3
200	.2	200	12.8
300	.2	300	9.6
500	.1	500	6.1
750	.1	750	2.9
1,000	.1	1,000	2.5
1,500	.1	1,500	2.1
2,000	(X)	2,000	(X)

Table C. **Reliability Estimates of State Totals for All Farms: 1997**

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

Item		Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS			
Farms	number	46 027	.9
Land in farms	acres	9 872 812	.8
Average size of farm	acres	215	1.2
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			
Total sales (see text)	farms	46 027	.9
	$1,000	3 567 825	.5
Average per farm	dollars	77 516	1.0
Farms by value of sales:			
Less than $1,000 (see text)	farms	7 756	.7
	$1,000	1 198	.9
$1,000 to $2,499	farms	4 801	.7
	$1,000	7 833	.7
$2,500 to $4,999	farms	5 049	.7
	$1,000	18 208	.7
$5,000 to $9,999	farms	5 800	.8
	$1,000	41 220	.8
$10,000 to $19,999	farms	5 602	1.3
	$1,000	79 536	1.3
$20,000 to $24,999	farms	1 611	1.7
	$1,000	35 798	1.7
$25,000 to $39,999	farms	3 136	1.8
	$1,000	98 944	1.9
$40,000 to $49,999	farms	1 336	2.0
	$1,000	59 500	2.0
$50,000 to $99,999	farms	3 663	1.9
	$1,000	260 190	1.9
$100,000 to $249,999	farms	4 008	1.5
	$1,000	637 327	1.5
$250,000 to $499,999	farms	1 954	–
	$1,000	677 385	–
$500,000 or more	farms	1 311	–
	$1,000	1 650 687	–
Sales by commodity or commodity group:			
Crops, including nursery and greenhouse crops	farms	31 679	1.0
	$1,000	2 199 721	.6
Grains	farms	19 502	1.2
	$1,000	1 033 206	.8
Corn for grain	farms	13 864	1.3
	$1,000	470 240	.7
Wheat	farms	8 875	1.4
	$1,000	89 407	.9
Soybeans	farms	12 516	1.3
	$1,000	375 311	.9
Sorghum for grain	farms	6	10.0
	$1,000	22	8.5
Barley	farms	295	1.9
	$1,000	1 180	1.6
Oats	farms	1 804	1.5
	$1,000	4 311	1.5
Other grains	farms	2 667	1.5
	$1,000	92 735	.8
Cotton and cottonseed	farms	–	–
	$1,000	–	–
Tobacco	farms	3	14.1
	$1,000	34	15.5
Hay, silage, and field seeds	farms	10 938	.9
	$1,000	83 225	.9
Vegetables, sweet corn, and melons	farms	2 494	1.0
	$1,000	183 645	.4
Fruits, nuts, and berries	farms	3 027	1.0
	$1,000	231 595	.6
Nursery and greenhouse crops	farms	3 548	1.0
	$1,000	478 448	.3
Other crops	farms	1 725	1.2
	$1,000	189 569	.4
Livestock, poultry, and their products	farms	19 541	.9
	$1,000	1 368 104	.5
Poultry and poultry products	farms	1 442	1.0
	$1,000	169 053	.1
Dairy products	farms	3 696	1.4
	$1,000	645 713	.6
Cattle and calves	farms	14 293	1.0
	$1,000	276 971	.6
Hogs and pigs	farms	2 690	1.1
	$1,000	228 488	.3
Sheep, lambs, and wool	farms	1 543	1.0
	$1,000	5 911	1.5
Other livestock and livestock products (see text)	farms	3 625	.9
	$1,000	41 968	1.0
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	4 339	.9
	$1,000	28 720	1.0
FARM PRODUCTION EXPENSES[1]			
Total farm production expenses	farms	46 040	.9
	$1,000	2 835 658	.6
Average per farm	dollars	61 591	1.1
Livestock and poultry purchased	farms	11 086	1.9
	$1,000	175 474	1.1
Feed for livestock and poultry	farms	17 888	1.5
	$1,000	414 770	.8
Commercially mixed formula feeds	farms	12 036	1.8
	$1,000	256 579	.9
Seeds, bulbs, plants, and trees	farms	27 224	1.3
	$1,000	180 800	1.0
Commercial fertilizer	farms	29 576	1.3
	$1,000	244 613	1.0
Agricultural chemicals	farms	26 238	1.4
	$1,000	182 494	1.1
Petroleum products	farms	42 348	1.0
	$1,000	142 449	.9
Electricity	farms	31 396	1.2
	$1,000	53 192	1.0
Hired farm labor	farms	14 481	1.6
	$1,000	369 145	.7
Contract labor	farms	3 865	3.2
	$1,000	29 043	2.8
Repair and maintenance	farms	37 918	1.1
	$1,000	209 298	1.0
Customwork, machine hire, and rental of machinery and equipment	farms	13 520	1.8
	$1,000	53 082	1.7
Interest	farms	18 209	1.5
	$1,000	189 849	1.1
Secured by real estate	farms	13 336	1.8
	$1,000	123 249	1.3
Not secured by real estate	farms	10 394	2.0
	$1,000	66 600	1.4
Cash rent	farms	12 983	1.8
	$1,000	162 012	1.2
Property taxes	farms	43 608	.9
	$1,000	114 049	1.1
All other farm production expenses	farms	40 748	1.0
	$1,000	315 391	.8
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]			
All farms	number	46 040	.9
	$1,000	686 891	1.2
Average per farm	dollars	14 919	1.5
Farms with net gains[2]	number	21 612	1.4
	$1,000	883 034	.9
Average net gain	dollars	40 859	1.6
Farms with net losses	number	24 428	1.1
	$1,000	196 143	1.6
Average net loss	dollars	8 029	2.0
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME			
Government payments	farms	18 851	1.1
	$1,000	92 806	.8
Other farm-related income[1]	farms	11 609	2.0
	$1,000	61 699	2.6
Customwork and other agricultural services	farms	3 312	3.6
	$1,000	22 647	4.2
Gross cash rent or share payments	farms	4 372	3.3
	$1,000	19 279	4.7
Forest products, excluding Christmas trees and maple products	farms	1 494	5.1
	$1,000	10 013	6.4
Other farm-related income sources	farms	4 791	2.9
	$1,000	9 761	4.7
COMMODITY CREDIT CORPORATION LOANS			
Total	farms	1 587	1.3
	$1,000	51 618	.6

See footnotes at end of table.

Table C. **Reliability Estimates of State Totals for All Farms: 1997**—Con.

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

Item		Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			
Total cropland	farms	43 017	.9
	acres	7 891 802	.8
Harvested cropland	farms	37 941	1.0
	acres	6 724 480	.8
Farms by acres harvested:			
1 to 9 acres	farms	5 319	.7
	acres	23 043	.8
10 to 19 acres	farms	4 423	.7
	acres	59 329	.7
20 to 29 acres	farms	3 386	.8
	acres	78 109	.8
30 to 49 acres	farms	4 793	.9
	acres	180 079	.9
50 to 99 acres	farms	6 342	1.2
	acres	442 967	1.3
100 to 199 acres	farms	5 247	1.7
	acres	730 876	1.7
200 to 499 acres	farms	4 915	1.6
	acres	1 542 100	1.6
500 to 999 acres	farms	2 289	.9
	acres	1 583 919	.8
1,000 acres or more	farms	1 227	–
	acres	2 084 058	–
Cropland:			
Pasture or grazing only	farms	14 850	.9
	acres	481 259	1.0
Other cropland	farms	16 535	.9
	acres	686 063	.9
Total woodland	farms	24 314	.9
	acres	1 142 688	.9
Pastureland and rangeland other than cropland and woodland pastured	farms	5 876	.8
	acres	187 975	.9
Land in house lots, ponds, roads, wasteland, etc.	farms	32 389	.9
	acres	650 347	.8
Irrigated land	farms	3 752	.9
	acres	393 485	.4
Acres irrigated:			
1 to 9 acres	farms	1 808	1.1
	acres	4 809	1.2
10 to 49 acres	farms	798	1.4
	acres	18 613	1.5
50 to 99 acres	farms	329	1.6
	acres	22 944	1.6
100 to 199 acres	farms	318	1.4
	acres	42 744	1.4
200 to 499 acres	farms	291	.9
	acres	89 261	.9
500 to 999 acres	farms	138	.8
	acres	93 020	.8
1,000 acres or more	farms	70	–
	acres	122 094	–
Harvested cropland irrigated	farms	3 669	1.0
	acres	390 636	.4
Pasture and other land irrigated	farms	161	2.3
	acres	2 849	3.0
Land under Conservation Reserve or Wetlands Reserve Programs	farms	5 251	.9
	acres	287 081	1.3
VALUE OF LAND AND BUILDINGS[1]			
Estimated market value of land and buildings	farms	46 040	.9
	$1,000	16 489 949	1.0
Average per farm	dollars	358 166	1.3
Average per acre	dollars	1 671	1.4
VALUE OF MACHINERY AND EQUIPMENT[1]			
Estimated market value of all machinery and equipment	farms	46 039	.9
	$1,000	3 055 199	1.1
Average per farm	dollars	66 361	1.4
AGRICULTURAL CHEMICALS[1]			
Commercial fertilizer	farms	29 377	1.3
	acres on which used	5 612 394	1.1

See footnotes at end of table.

Item		Total	Relative standard error of estimate (percent)
TENURE OF OPERATOR			
All operators	farms	46 027	.9
	acres	9 872 812	.8
Full owners	farms	27 933	.8
	acres	2 864 121	.9
Part owners	farms	15 497	1.2
	acres	6 460 128	.8
Tenants	farms	2 597	1.1
	acres	548 563	.9
OWNED AND RENTED LAND			
Land owned	farms	43 517	.9
	acres	6 511 133	.9
Owned land in farms	farms	43 430	.9
	acres	6 054 109	.9
Land rented or leased from others	farms	18 234	1.1
	acres	3 852 924	.8
	landlords	66 298	1.0
Rented or leased land in farms	farms	18 094	1.1
	acres	3 818 703	.8
Land rented or leased to others	farms	6 290	.9
	acres	491 245	1.3
OPERATOR CHARACTERISTICS			
Operators by place of residence:			
On farm operated		37 077	.9
Not on farm operated		6 043	.9
Not reported		2 907	.7
Operators by principal occupation:			
Farming		22 043	1.1
Other		23 984	.7
Operators by days worked off farm:			
Any		25 906	.8
200 days or more		18 568	.8
Operators by sex:			
Male	farms	42 094	.9
	acres	9 485 557	.8
Female	farms	3 933	.9
	acres	387 255	1.0
Average age of operator	years	53.3	1.3
FARMS BY TYPE OF ORGANIZATION			
Individual or family (sole proprietorship)	farms	40 190	.9
	acres	7 205 435	1.0
Partnership	farms	3 778	.9
	acres	1 717 866	.5
Corporation:			
Family held	farms	1 662	.9
	acres	842 331	.4
More than 10 stockholders	farms	30	3.2
10 or less stockholders	farms	1 632	1.0
Other than family held	farms	172	2.3
	acres	41 864	1.8
More than 10 stockholders	farms	17	5.2
10 or less stockholders	farms	155	2.5
Other—cooperative, estate or trust, institutional, etc.	farms	225	2.0
	acres	65 316	1.2
HIRED FARM LABOR[1]			
Hired workers by days worked:			
150 days or more	farms	6 074	2.1
	workers	20 996	1.1
Less than 150 days	farms	13 069	1.8
	workers	74 869	1.6
INJURIES AND DEATHS			
Farm-related injuries:			
Operator and family members	farms	448	1.5
	number	503	1.5
Hired workers	farms	364	.9
	number	554	.8
Farm-related deaths:			
Operator and family members	farms	7	–
	number	7	–
Hired workers	farms	4	–
	number	4	–

Table C. **Reliability Estimates of State Totals for All Farms: 1997**—Con.

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

Item		Total	Relative standard error of estimate (percent)
FARMS BY SIZE			
1 to 9 acres	farms	2 611	.9
	acres	11 808	.9
10 to 49 acres	farms	12 075	.7
	acres	332 869	.7
50 to 69 acres	farms	3 563	.8
	acres	208 058	.8
70 to 99 acres	farms	5 801	.9
	acres	472 895	.9
100 to 139 acres	farms	4 572	1.1
	acres	532 355	1.2
140 to 179 acres	farms	3 503	1.3
	acres	551 805	1.3
180 to 219 acres	farms	2 401	1.5
	acres	473 869	1.5
220 to 259 acres	farms	1 683	1.7
	acres	400 224	1.7
260 to 499 acres	farms	4 905	1.6
	acres	1 749 221	1.6
500 to 999 acres	farms	3 201	1.1
	acres	2 221 015	1.1
1,000 to 1,999 acres	farms	1 338	–
	acres	1 773 514	–
2,000 acres or more	farms	374	–
	acres	1 145 179	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM			
Oilseed and grain farming (1111)	farms	16 307	1.1
	acres	4 894 874	1.0
Vegetable and melon farming (1112)	farms	1 428	1.1
	acres	344 407	.6
Fruit and tree nut farming (1113)	farms	2 668	1.0
	acres	347 863	.8
Greenhouse, nursery, and floriculture production (1114)	farms	3 054	1.0
	acres	241 781	1.1
Other crop farming (1119)	farms	6 191	.7
	acres	1 017 611	.8
Beef cattle ranching and farming (112111)	farms	4 765	.8
	acres	729 423	.9
Cattle feedlots (112112)	farms	1 791	1.1
	acres	326 159	1.0
Dairy cattle and milk production (11212)	farms	3 177	1.4
	acres	1 396 441	.8
Hog and pig farming (1122)	farms	1 178	1.2
	acres	261 616	.8
Poultry and egg production (1123)	farms	400	1.4
	acres	38 575	1.2
Sheep and goat farming (1124)	farms	681	1.2
	acres	48 684	1.6
Animal aquaculture and other animal production (1125, 1129)	farms	4 387	.8
	acres	225 378	.9

Item		Total	Relative standard error of estimate (percent)
LIVESTOCK			
Cattle and calves inventory	farms	15 468	1.0
	number	1 025 702	.8
Beef cows	farms	7 566	.9
	number	116 399	1.0
Milk cows	farms	3 990	1.3
	number	300 641	.7
Cattle and calves sold	farms	14 293	1.0
	number	537 681	.6
	$1,000	276 971	.6
Hogs and pigs inventory	farms	2 853	1.0
	number	1 032 014	.4
Hogs and pigs sold	farms	2 690	1.1
	number	2 206 940	.4
	$1,000	228 488	.3
Sheep and lambs of all ages inventory	farms	1 628	1.0
	number	72 107	1.5
Sheep and lambs sold	farms	1 436	1.0
	number	77 146	3.0
Horses and ponies inventory	farms	9 090	.8
	number	66 201	.9
Horses and ponies sold	farms	2 482	.9
	number	9 646	1.3
POULTRY			
Layers and pullets 13 weeks old and older inventory (see text)	farms	2 276	.9
	number	6 043 468	(L)
Layers 20 weeks old and older	farms	2 205	.9
	number	4 928 067	(L)
Broilers and other meat-type chickens sold	farms	336	1.7
	number	393 028	5.6
SELECTED CROPS HARVESTED			
Corn for grain or seed	farms	16 712	1.3
	acres	2 122 283	.8
	bushels	238 319 129	.7
Corn for silage or green chop	farms	4 817	1.3
	acres	279 786	.7
	tons, green	4 001 045	.7
Wheat for grain	farms	8 976	1.4
	acres	499 742	1.0
	bushels	28 432 159	.9
Oats for grain	farms	3 707	1.4
	acres	77 588	1.3
	bushels	4 624 435	1.3
Soybeans for beans	farms	12 561	1.3
	acres	1 694 872	1.0
	bushels	62 242 411	.9
Dry edible beans, excluding dry limas	farms	2 172	1.6
	acres	302 767	.9
	cwt	4 878 076	.9
Potatoes, excluding sweetpotatoes	farms	328	1.4
	acres	44 931	.4
	cwt	13 632 901	.3
Sugar beets for sugar	farms	1 182	1.3
	acres	163 236	.6
	tons	3 055 112	.6
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	20 858	.9
	acres	1 264 350	.9
	tons, dry	2 830 915	.9
Alfalfa hay	farms	17 108	1.0
	acres	788 156	1.0
	tons, dry	1 985 404	1.0
Vegetables harvested for sale (see text)	farms	2 498	1.0
	acres	128 349	.5
Land in orchards	farms	2 863	.9
	acres	139 607	.8

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.

Table D. Reliability Estimates of State Totals for Farms With Sales of $10,000 or More: 1997

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

Item		Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS			
Farms	number	22 621	1.3
Land in farms	acres	8 131 338	.9
Average size of farm	acres	359	1.6
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			
Total sales (see text)	farms	22 621	1.3
	$1,000	3 499 367	.5
Average per farm	dollars	154 696	1.4
Farms by value of sales:			
$10,000 to $19,999	farms	5 602	1.3
	$1,000	79 536	1.3
$20,000 to $24,999	farms	1 611	1.7
	$1,000	35 798	1.7
$25,000 to $39,999	farms	3 136	1.9
	$1,000	98 944	1.9
$40,000 to $49,999	farms	1 336	2.0
	$1,000	59 500	2.0
$50,000 to $99,999	farms	3 663	1.9
	$1,000	260 190	1.9
$100,000 to $249,999	farms	4 008	1.6
	$1,000	637 327	1.5
$250,000 to $499,999	farms	1 954	–
	$1,000	677 385	–
$500,000 or more	farms	1 311	–
	$1,000	1 650 687	–
Sales by commodity or commodity group:			
Crops, including nursery and greenhouse crops	farms	19 634	1.4
	$1,000	2 157 668	.6
Grains	farms	14 502	1.5
	$1,000	1 014 688	.8
Corn for grain	farms	11 242	1.5
	$1,000	462 811	.8
Wheat	farms	7 581	1.5
	$1,000	86 902	1.0
Soybeans	farms	10 337	1.5
	$1,000	367 816	.9
Sorghum for grain	farms	4	10.3
	$1,000	(D)	(D)
Barley	farms	250	2.0
	$1,000	(D)	(D)
Oats	farms	1 304	1.8
	$1,000	3 830	1.5
Other grains	farms	2 404	1.6
	$1,000	92 176	.8
Cotton and cottonseed	farms	–	–
	$1,000	–	–
Tobacco	farms	3	15.0
	$1,000	34	15.6
Hay, silage, and field seeds	farms	5 305	1.4
	$1,000	69 083	1.0
Vegetables, sweet corn, and melons	farms	1 816	1.2
	$1,000	181 692	.4
Fruits, nuts, and berries	farms	2 100	1.3
	$1,000	228 780	.6
Nursery and greenhouse crops	farms	1 954	1.2
	$1,000	474 188	.3
Other crops	farms	1 554	1.3
	$1,000	189 203	.4
Livestock, poultry, and their products	farms	10 499	1.3
	$1,000	1 341 699	.5
Poultry and poultry products	farms	494	1.6
	$1,000	168 419	.1
Dairy products	farms	3 638	1.4
	$1,000	645 508	.6
Cattle and calves	farms	8 574	1.4
	$1,000	260 601	.6
Hogs and pigs	farms	1 781	1.4
	$1,000	226 920	.3
Sheep, lambs, and wool	farms	531	1.8
	$1,000	4 435	1.8
Other livestock and livestock products (see text)	farms	1 158	1.4
	$1,000	35 816	1.1
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	2 147	1.4
	$1,000	25 254	1.1

Item		Total	Relative standard error of estimate (percent)
FARM PRODUCTION EXPENSES[1]			
Total farm production expenses	farms	22 636	1.4
	$1,000	2 695 447	.6
Average per farm	dollars	119 078	1.5
Livestock and poultry purchased	farms	6 601	2.4
	$1,000	167 997	1.1
Feed for livestock and poultry	farms	9 429	2.1
	$1,000	402 481	.9
Commercially mixed formula feeds	farms	6 605	2.4
	$1,000	251 047	.9
Seeds, bulbs, plants, and trees	farms	18 896	1.5
	$1,000	176 499	1.0
Commercial fertilizer	farms	19 404	1.5
	$1,000	236 572	1.1
Agricultural chemicals	farms	18 358	1.6
	$1,000	177 696	1.1
Petroleum products	farms	22 343	1.4
	$1,000	132 018	.9
Electricity	farms	19 248	1.5
	$1,000	48 996	1.0
Hired farm labor	farms	10 578	1.8
	$1,000	366 371	.7
Contract labor	farms	2 549	3.7
	$1,000	27 780	2.9
Repair and maintenance	farms	21 136	1.4
	$1,000	187 300	1.0
Customwork, machine hire, and rental of machinery and equipment	farms	9 298	2.1
	$1,000	50 724	1.8
Interest	farms	13 208	1.7
	$1,000	177 259	1.1
Secured by real estate	farms	9 479	2.0
	$1,000	112 486	1.4
Not secured by real estate	farms	8 553	2.1
	$1,000	64 773	1.4
Cash rent	farms	10 790	1.9
	$1,000	159 900	1.2
Property taxes	farms	21 240	1.4
	$1,000	82 875	1.3
All other farm production expenses	farms	22 628	1.4
	$1,000	300 979	.8
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]			
All farms	number	22 636	1.4
	$1,000	758 861	1.1
Average per farm	dollars	33 525	1.7
Farms with net gains[2]	number	16 604	1.6
	$1,000	872 907	.9
Average net gain	dollars	52 572	1.8
Farms with net losses	number	6 032	2.7
	$1,000	114 046	2.3
Average net loss	dollars	18 907	3.6
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME			
Government payments	farms	11 974	1.5
	$1,000	76 933	.8
Other farm-related income[1]	farms	7 094	2.4
	$1,000	47 532	3.0
Customwork and other agricultural services	farms	2 401	4.1
	$1,000	20 716	4.5
Gross cash rent or share payments	farms	1 710	5.0
	$1,000	10 893	6.4
Forest products, excluding Christmas trees and maple products	farms	769	6.9
	$1,000	7 272	7.8
Other farm-related income sources	farms	4 051	3.1
	$1,000	8 652	4.8
COMMODITY CREDIT CORPORATION LOANS			
Total	farms	1 467	1.3
	$1,000	51 529	.6

See footnotes at end of table.

Table D. Reliability Estimates of State Totals for Farms With Sales of $10,000 or More: 1997—Con.

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

Item		Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			
Total cropland	farms	22 070	1.4
	acres	6 904 398	.9
Harvested cropland	farms	21 647	1.4
	acres	6 255 735	.9
Cropland:			
Pasture or grazing only	farms	6 429	1.5
	acres	295 583	1.3
Total woodland	farms	12 112	1.4
	acres	696 637	1.1
Pastureland and rangeland other than cropland and woodland pastured	farms	2 323	1.4
	acres	109 636	1.1
Land in house lots, ponds, roads, wasteland, etc.	farms	15 549	1.4
	acres	420 667	1.0
Irrigated land	farms	2 927	1.0
	acres	388 615	.4
Harvested cropland irrigated	farms	2 908	1.0
	acres	386 469	.4
Pasture and other land irrigated	farms	67	3.1
	acres	2 146	3.4
Land under Conservation Reserve or Wetlands Reserve Programs	farms	1 435	1.6
	acres	67 357	1.7
VALUE OF LAND AND BUILDINGS[1]			
Estimated market value of land and buildings	farms	22 636	1.4
	$1,000	12 744 127	1.1
Average per farm	dollars	563 003	1.8
Average per acre	dollars	1 569	1.6
VALUE OF MACHINERY AND EQUIPMENT[1]			
Estimated market value of all machinery and equipment	farms	22 636	1.4
	$1,000	2 468 518	1.2
Average per farm	dollars	109 053	1.8
AGRICULTURAL CHEMICALS[1]			
Commercial fertilizer	farms	19 335	1.5
	acres on which used	5 365 923	1.1
TENURE OF OPERATOR			
All operators	farms	22 621	1.3
	acres	8 131 338	.9
Full owners	farms	9 188	1.4
	acres	1 552 562	1.3
Part owners	farms	11 835	1.4
	acres	6 076 796	.8
Tenants	farms	1 598	1.4
	acres	501 980	.9
OWNED AND RENTED LAND			
Land owned	farms	21 071	1.4
	acres	4 744 387	1.0
Owned land in farms	farms	21 023	1.4
	acres	4 524 528	1.0
Land rented or leased from others	farms	13 496	1.3
	acres	3 631 601	.8
	landlords	56 904	1.0
Rented or leased land in farms	farms	13 433	1.3
	acres	3 606 810	.8
Land rented or leased to others	farms	2 401	1.5
	acres	244 650	1.6
OPERATOR CHARACTERISTICS			
Operators by place of residence:			
On farm operated		18 445	1.4
Not on farm operated		2 860	1.2
Not reported		1 316	1.0
Operators by principal occupation:			
Farming		15 433	1.4
Other		7 188	1.4
Operators by days worked off farm:			
Any		10 216	1.4
200 days or more		6 342	1.4
Operators by sex:			
Male		21 579	1.4
Female		1 042	1.4
Average age of operator	years	52.4	1.9

See footnotes at end of table.

Item		Total	Relative standard error of estimate (percent)
FARMS BY TYPE OF ORGANIZATION			
Individual or family (sole proprietorship)	farms	18 364	1.5
	acres	5 623 450	1.2
Partnership	farms	2 749	1.0
	acres	1 616 537	.5
Corporation:			
Family held	farms	1 304	.9
	acres	807 850	.4
More than 10 stockholders	farms	24	3.0
10 or less stockholders	farms	1 280	.9
Other than family held	farms	110	2.6
	acres	35 530	1.8
More than 10 stockholders	farms	12	5.6
10 or less stockholders	farms	98	2.8
Other—cooperative, estate or trust, institutional, etc.	farms	94	2.7
	acres	47 971	1.2
HIRED FARM LABOR[1]			
Hired workers by days worked:			
150 days or more	farms	5 196	2.1
	workers	20 066	1.1
Less than 150 days	farms	9 230	2.0
	workers	66 030	1.7
INJURIES AND DEATHS			
Farm-related injuries:			
Operator and family members	farms	288	1.8
	number	323	1.8
Hired workers	farms	340	.9
	number	522	.7
Farm-related deaths:			
Operator and family members	farms	5	–
	number	(D)	(D)
Hired workers	farms	3	–
	number	(D)	(D)
FARMS BY SIZE			
1 to 9 acres		727	1.4
10 to 49 acres		2 192	1.2
50 to 69 acres		1 071	1.5
70 to 99 acres		2 175	1.5
100 to 139 acres		2 295	1.7
140 to 179 acres		2 099	1.8
180 to 219 acres		1 705	1.9
220 to 259 acres		1 314	2.0
260 to 499 acres		4 253	1.7
500 to 999 acres		3 097	1.1
1,000 to 1,999 acres		1 322	–
2,000 acres or more		371	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM			
Oilseed and grain farming (1111)		9 589	1.6
Vegetable and melon farming (1112)		961	1.3
Fruit and tree nut farming (1113)		1 666	1.3
Greenhouse, nursery, and floriculture production (1114)		1 632	1.2
Other crop farming (1119)		2 033	1.2
Beef cattle ranching and farming (112111)		1 216	1.5
Cattle feedlots (112112)		745	1.8
Dairy cattle and milk production (11212)		3 136	1.4
Hog and pig farming (1122)		789	1.4
Poultry and egg production (1123)		122	1.6
Sheep and goat farming (1124)		73	3.2
Animal aquaculture and other animal production (1125, 1129)		659	1.4
LIVESTOCK			
Cattle and calves inventory	farms	8 675	1.4
	number	920 571	.8
Beef cows	farms	3 015	1.4
	number	72 814	1.3
Milk cows	farms	3 669	1.4
	number	299 561	.7
Cattle and calves sold	farms	8 574	1.4
	number	495 835	.7
	$1,000	260 601	.6
Hogs and pigs inventory	farms	1 777	1.4
	number	1 017 968	.4
Hogs and pigs sold	farms	1 781	1.4
	number	2 191 214	.4
	$1,000	226 920	.3
Sheep and lambs of all ages inventory	farms	568	1.7
	number	44 539	2.1
Sheep and lambs sold	farms	500	1.8
	number	58 220	4.0
Horses and ponies inventory	farms	2 475	1.4
	number	20 136	1.6
Horses and ponies sold	farms	728	1.5
	number	5 577	1.9

Table D. **Reliability Estimates of State Totals for Farms With Sales of $10,000 or More: 1997**—Con.

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

Item		Total	Relative standard error of estimate (percent)
POULTRY			
Layers and pullets 13 weeks old and older inventory (see text)	farms	694	1.6
	number	5 997 933	(L)
Layers 20 weeks old and older	farms	664	1.6
	number	4 888 242	(L)
Broilers and other meat-type chickens sold	farms	118	3.0
	number	361 540	5.9
SELECTED CROPS HARVESTED			
Corn for grain or seed	farms	13 357	1.5
	acres	2 068 726	.8
	bushels	234 140 282	.8
Corn for silage or green chop	farms	4 162	1.4
	acres	270 444	.7
	tons, green	3 903 061	.7
Wheat for grain	farms	7 618	1.5
	acres	479 329	1.0
	bushels	27 562 141	1.0
SELECTED CROPS HARVESTED—Con.			
Oats for grain	farms	2 753	1.6
	acres	66 901	1.3
	bushels	4 132 643	1.4
Soybeans for beans	farms	10 352	1.5
	acres	1 643 475	1.0
	bushels	60 817 299	.9
Dry edible beans, excluding dry limas	farms	2 043	1.7
	acres	300 365	.9
	cwt	4 851 596	.9
Potatoes, excluding sweetpotatoes	farms	263	1.4
	acres	44 811	.3
	cwt	13 621 661	.3
Sugar beets for sugar	farms	1 156	1.4
	acres	163 071	.6
	tons	3 052 438	.6
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	10 444	1.4
	acres	970 029	1.0
	tons, dry	2 374 662	1.0
Alfalfa hay	farms	9 172	1.4
	acres	597 845	1.1
	tons, dry	1 658 070	1.1
Vegetables harvested for sale (see text)	farms	1 816	1.2
	acres	126 299	.5
Land in orchards	farms	1 699	1.2
	acres	133 012	.8

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.

Table E. **Reliability Estimates of Percent Change in State Totals: 1992 to 1997**

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

Item	All farms		Farms with sales of $10,000 or more	
	Percent change from 1992 to 1997	Standard error of estimate	Percent change from 1992 to 1997	Standard error of estimate
Farms ..... number	–1.1	1.1	–4.4	1.4
Land in farms ..... acres	–2.1	.9	–2.4	1.0
Average size of farm ..... acres	–.9	1.4	2.0	1.9
Estimated market value of land and buildings[1]:				
Average per farm ..... dollars	44.8	2.4	47.3	3.0
Average per acre ..... dollars	47.7	2.6	46.1	2.8
Estimated market value of all machinery and equipment[1]:				
Average per farm ..... dollars	20.6	2.1	19.4	2.6
Farms by size:				
1 to 9 acres	1.9	1.3	6.1	1.9
10 to 49 acres	8.3	1.1	15.2	1.8
50 to 179 acres	–.1	1.0	–.3	1.6
180 to 499 acres	–12.6	1.4	–13.8	1.6
500 to 999 acres	–10.5	1.1	–10.5	1.2
1,000 to 1,999 acres	8.4	–	7.9	–
2,000 acres or more	23.0	–	23.3	–
Total cropland ..... farms	–2.9	1.1	–4.6	1.5
acres	–3.2	.9	–2.6	1.0
Harvested cropland ..... farms	–8.2	1.1	–4.6	1.5
acres	2.1	1.0	3.8	1.0
Irrigated land ..... farms	–1.9	1.1	–.1	1.2
acres	7.4	.6	7.8	.6
Market value of agricultural products sold $1,000	17.8	.7	18.5	.7
Average per farm ..... dollars	19.2	1.5	24.0	2.0
Crops, including nursery and greenhouse crops $1,000	31.6	.9	32.8	.9
Livestock, poultry, and their products $1,000	.8	.6	1.0	.6
Farms by value of sales:				
Less than $2,500	15.0	1.1	(X)	(X)
$2,500 to $4,999	–9.5	1.0	(X)	(X)
$5,000 to $9,999	–9.2	1.0	(X)	(X)
$10,000 to $24,999	–7.0	1.4	–7.0	1.4
$25,000 to $49,999	–4.5	1.9	–4.5	1.9
$50,000 to $99,999	–12.0	1.9	–12.0	1.9
$100,000 to $249,999	–8.1	1.5	–8.1	1.5
$250,000 to $499,999	9.0	–	9.0	–
$500,000 or more	42.7	–	42.7	–
Total farm production expenses[1] $1,000	9.8	1.1	11.5	1.6
Average per farm ..... dollars	11.0	1.5	16.0	2.0
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms	–1.1	1.1	–3.8	1.5
$1,000	59.4	3.1	45.9	2.4
Average per farm ..... dollars	61.2	3.6	51.8	3.4
Operators by principal occupation:				
Farming	–9.6	1.2	–9.5	1.4
Other	8.2	1.1	8.6	1.8
Operators by days worked off farm:				
Any	1.7	1.1	2.4	1.7
200 days or more	3.2	1.1	3.9	1.7
Livestock and poultry:				
Cattle and calves inventory ..... farms	–9.2	1.1	–12.5	1.4
number	–7.9	.8	–8.9	.8
Beef cows ..... farms	.2	1.1	3.1	1.8
number	.3	1.3	–1.3	1.5
Milk cows ..... farms	–23.2	1.2	–23.8	1.2
number	–5.1	.8	–5.2	.8
Cattle and calves sold ..... farms	–9.4	1.1	–12.9	1.4
number	–9.6	.7	–10.5	.7
Hogs and pigs inventory ..... farms	–40.2	.8	–39.2	1.0
number	–16.2	.5	–14.7	.5
Hogs and pigs sold ..... farms	–43.6	.8	–41.7	1.0
number	–4.1	.5	–2.7	.5
Sheep and lambs inventory ..... farms	–11.1	1.2	–7.0	2.1
number	–26.0	1.6	–26.4	2.2
Layers and pullets 13 weeks old and older inventory (see text) ..... farms	–7.3	1.2	–4.8	2.0
number	12.1	.2	12.6	.2
Broilers and other meat-type chickens sold ..... farms	–13.0	2.2	2.6	4.5
number	–1.8	12.6	–3.2	13.3
Selected crops harvested:				
Corn for grain or seed ..... farms	–11.9	1.3	–6.4	1.5
acres	–4.5	.9	–3.2	.9
bushels	5.1	.9	6.2	.9
Wheat for grain ..... farms	–27.8	1.1	–20.1	1.4
acres	–14.3	1.0	–10.7	1.0
bushels	–3.1	1.1	.2	1.1
Soybeans for beans ..... farms	–4.7	1.4	4.8	1.8
acres	27.2	1.4	31.9	1.5
bushels	49.5	1.6	53.7	1.7
Dry edible beans, excluding dry limas ..... farms	–31.6	1.3	–28.7	1.4
acres	–6.1	1.1	–5.1	1.1
cwt	15.3	1.3	16.2	1.3
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms	–6.4	1.0	–5.7	1.5
acres	–1.5	1.1	–1.7	1.2
tons, dry	.3	1.1	–.4	1.1
Vegetables harvested for sale (see text) ..... farms	–16.9	1.1	–10.0	1.3
acres	–7.6	.6	–6.3	.6
Land in orchards ..... farms	–18.9	.9	–8.5	1.3
acres	–13.9	.8	–9.8	.8

[1]Data are based on a sample of farms.

Table F. **Reliability Estimates for the State and County Totals: 1997**

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

Geographic area	Farms		Land in farms		Average size of farm		Average market value of land and buildings per farm[1]		Estimated market value of all machinery and equipment[1]	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Michigan	**46 027**	**.9**	**9 872 812**	**.8**	**215**	**1.2**	**358 166**	**1.3**	**3 055 199**	**1.1**
Alcona	207	.4	43 383	1.1	210	1.2	215 500	7.1	10 613	12.4
Alger	60	1.3	16 029	2.7	267	2.9	229 290	5.1	2 452	5.6
Allegan	1 337	.7	236 936	.6	177	1.0	352 657	3.0	99 962	3.3
Alpena	412	.4	78 047	.7	189	.8	228 078	8.6	18 774	9.7
Antrim	261	.4	55 166	1.1	211	1.2	253 068	6.0	11 715	7.3
Arenac	325	.7	86 240	.9	265	1.2	325 842	5.3	28 088	8.2
Baraga	54	.8	14 988	3.9	278	4.0	231 249	5.6	2 295	6.1
Barry	881	.6	164 815	.8	187	1.0	319 143	3.6	39 889	4.2
Bay	730	.9	175 931	.8	241	1.2	388 338	3.6	65 003	4.9
Benzie	140	.4	22 556	1.4	161	1.5	296 703	5.9	5 783	7.7
Berrien	1 182	.9	173 958	1.0	147	1.3	282 701	4.2	74 041	3.5
Branch	980	1.1	234 076	1.1	239	1.6	304 986	4.3	61 333	4.5
Calhoun	1 085	.9	243 151	1.1	224	1.5	301 037	4.4	57 721	4.6
Cass	700	.9	176 831	1.0	253	1.3	399 530	4.7	53 136	5.8
Charlevoix	188	.6	31 077	1.7	165	1.8	240 551	5.1	6 245	5.6
Cheboygan	210	.5	50 582	1.2	241	1.3	249 054	3.9	8 962	4.9
Chippewa	319	.6	98 979	1.1	310	1.2	264 891	11.1	12 904	6.6
Clare	350	1.1	62 831	1.7	180	2.0	239 355	12.4	10 732	8.9
Clinton	1 123	1.0	243 850	.9	217	1.4	358 399	3.5	79 218	4.6
Crawford	27	1.6	2 568	11.4	95	11.6	158 085	7.9	670	5.6
Delta	253	.7	70 232	1.4	278	1.5	204 889	5.5	11 679	5.8
Dickinson	116	.6	28 298	1.4	244	1.5	229 988	3.2	5 802	3.0
Eaton	1 062	.6	231 870	.7	218	1.0	333 533	4.4	57 983	4.9
Emmet	207	.7	40 115	1.7	194	1.8	352 044	5.3	9 080	4.2
Genesee	796	.8	117 968	1.0	148	1.3	301 229	4.5	41 243	6.4
Gladwin	424	.9	68 036	1.7	160	1.9	173 013	5.7	13 327	10.9
Gogebic	48	.9	4 197	2.6	87	2.8	98 742	5.6	1 328	5.9
Grand Traverse	413	.4	61 767	.9	150	1.0	329 574	7.4	17 411	7.2
Gratiot	873	1.3	276 833	1.1	317	1.8	453 741	3.2	78 469	2.8
Hillsdale	1 236	1.4	257 469	1.6	208	2.1	271 212	4.7	57 487	6.0
Houghton	128	.5	23 126	1.5	181	1.6	164 622	14.3	4 379	5.4
Huron	1 184	1.8	424 122	1.3	358	2.2	605 935	3.5	137 785	3.0
Ingham	827	.8	190 405	.9	230	1.2	390 202	4.4	58 484	4.8
Ionia	1 004	.9	236 652	.9	236	1.3	334 448	2.7	65 529	3.5
Iosco	238	.7	42 667	1.7	179	1.8	206 358	7.2	10 006	11.0
Iron	86	.5	23 823	1.7	277	1.8	189 793	3.6	3 391	3.5
Isabella	911	1.3	216 651	1.4	238	1.9	290 127	4.8	49 952	5.0
Jackson	987	.8	181 287	1.1	184	1.4	271 990	4.6	49 917	4.7
Kalamazoo	696	.6	146 927	.9	211	1.1	439 497	4.7	51 516	3.6
Kalkaska	139	.8	21 375	1.7	154	1.9	170 902	3.8	5 519	2.8
Kent	1 136	.7	186 453	.8	164	1.1	453 387	4.2	84 279	6.9
Keweenaw	5	–	(D)	(D)	(D)	(D)	79 931	–	89	–
Lake	126	.6	22 971	2.2	182	2.2	189 780	6.2	5 469	12.5
Lapeer	1 020	1.2	178 249	1.4	175	1.9	433 252	6.4	67 222	6.6
Leelanau	369	.6	62 129	.8	168	1.0	499 928	7.6	26 052	7.3
Lenawee	1 317	.8	336 468	.8	255	1.1	444 451	2.8	94 162	3.8
Livingston	637	.8	98 297	1.1	154	1.4	398 766	6.7	44 836	5.6
Luce	31	.4	(D)	(D)	(D)	(D)	335 710	3.0	1 633	2.0
Mackinac	72	.6	21 513	1.8	299	1.9	196 313	3.9	2 451	2.7
Macomb	523	.9	68 829	1.5	132	1.7	429 797	7.4	31 842	8.6
Manistee	284	.7	47 521	1.5	167	1.6	238 599	9.3	13 400	13.5
Marquette	108	.6	26 624	1.8	247	1.9	261 325	3.5	3 998	2.4
Mason	413	1.1	77 103	1.6	187	2.0	244 920	6.6	20 499	7.1
Mecosta	597	.7	111 974	1.1	188	1.3	217 447	8.3	29 620	7.5
Menominee	348	.8	109 661	1.2	315	1.4	225 950	7.8	20 783	9.9
Midland	418	.8	79 667	1.3	191	1.5	345 912	14.7	26 786	12.9
Missaukee	335	.5	90 027	.9	269	1.0	288 719	4.6	26 810	4.4
Monroe	1 058	1.1	209 715	1.3	198	1.7	447 310	3.9	81 083	4.8
Montcalm	954	.9	237 771	.9	249	1.3	315 690	3.8	72 197	4.1
Montmorency	103	.4	21 025	1.2	204	1.3	200 437	7.1	4 729	7.0
Muskegon	410	.9	73 113	1.1	178	1.4	283 432	4.5	28 257	7.1
Newaygo	670	.8	122 294	1.1	183	1.3	236 346	5.2	38 171	13.3
Oakland	544	.7	45 366	1.4	83	1.6	486 079	9.1	26 756	8.2
Oceana	573	.9	127 994	1.1	223	1.4	294 547	3.8	38 915	11.1
Ogemaw	261	.7	73 239	1.1	281	1.2	294 322	5.0	19 271	6.6
Ontonagon	92	.8	32 516	1.5	353	1.7	169 141	3.7	3 424	3.0
Osceola	496	.9	108 250	1.3	218	1.6	242 019	6.0	29 443	11.6
Oscoda	80	.9	13 904	2.6	174	2.8	194 910	4.7	1 997	4.1
Otsego	139	.6	34 450	1.2	248	1.4	343 229	6.9	8 564	6.7
Ottawa	1 292	1.0	170 627	.9	132	1.3	395 504	3.0	101 006	3.1
Presque Isle	296	.8	82 466	1.0	279	1.3	203 546	5.2	10 996	6.5
Roscommon	36	.5	4 139	2.2	115	2.3	149 296	6.1	815	4.2
Saginaw	1 163	1.0	297 842	.9	256	1.3	459 033	4.0	93 411	4.6
St. Clair	940	.8	162 887	1.1	173	1.4	416 014	6.6	52 246	6.5
St. Joseph	791	1.2	217 345	1.0	275	1.5	504 172	3.1	75 399	4.1
Sanilac	1 448	1.3	429 706	1.1	297	1.7	400 889	3.5	133 159	3.3
Schoolcraft	45	.9	15 742	1.3	350	1.6	294 470	4.3	1 652	3.9
Shiawassee	915	1.1	214 153	1.3	234	1.6	366 206	4.4	78 256	8.6
Tuscola	1 140	.9	333 099	.8	292	1.2	512 315	2.8	118 831	3.4
Van Buren	1 059	.9	177 360	1.0	167	1.3	322 034	3.8	70 486	6.0
Washtenaw	1 030	.7	180 223	1.0	175	1.2	507 203	4.3	57 298	4.4
Wayne	303	.9	39 102	1.1	129	1.4	447 041	10.1	20 020	7.9
Wexford	251	.6	43 321	1.2	173	1.3	200 038	5.2	9 070	6.0

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Average market value of all machinery and equipment per farm[1]		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses[1]			
							Total farm production expenses			
							Farms		Value	
	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Michigan	**66 361**	**1.4**	**3 567 825**	**.5**	**77 516**	**1.0**	**46 040**	**.9**	**2 835 658**	**.6**
Alcona	51 270	12.4	5 592	1.8	27 016	1.8	207	1.2	3 850	6.0
Alger	40 863	6.7	2 028	4.7	33 806	4.8	60	3.6	1 711	4.7
Allegan	74 878	3.3	186 757	.3	139 684	.8	1 335	.8	154 725	.8
Alpena	45 679	9.7	11 156	1.1	27 078	1.2	411	.7	9 838	7.4
Antrim	44 885	7.4	17 206	.8	65 922	.9	261	1.2	11 681	3.8
Arenac	86 691	8.3	23 118	.9	71 133	1.2	324	1.1	15 490	5.8
Baraga	43 304	6.9	1 134	8.3	21 001	8.4	54	3.1	926	8.2
Barry	45 277	4.3	47 801	.6	54 258	.8	881	.7	41 677	2.5
Bay	89 046	5.0	61 423	.7	84 141	1.1	730	1.0	46 583	2.3
Benzie	41 306	7.9	6 636	1.6	47 400	1.7	140	1.7	4 586	7.5
Berrien	62 587	3.6	81 376	.8	68 846	1.2	1 183	1.0	63 106	2.2
Branch	62 585	4.6	77 249	.7	78 826	1.3	980	1.1	60 307	2.0
Calhoun	53 199	4.7	60 985	.8	56 208	1.3	1 085	.9	51 967	2.3
Cass	75 908	5.9	67 491	.6	96 416	1.1	700	1.1	55 517	2.4
Charlevoix	33 398	5.9	4 151	2.3	22 080	2.4	187	1.8	3 371	6.3
Cheboygan	42 882	5.0	5 848	1.5	27 847	1.5	209	1.2	4 574	3.2
Chippewa	40 451	6.7	7 351	2.0	23 043	2.1	319	.9	5 399	18.4
Clare	30 662	9.0	12 950	1.7	36 999	2.1	350	1.6	10 074	2.7
Clinton	70 353	4.7	91 515	.6	81 492	1.1	1 126	1.2	72 550	1.6
Crawford	24 804	7.9	117	7.5	4 326	7.7	27	5.5	234	7.2
Delta	46 530	5.9	8 162	1.9	32 260	2.1	251	1.2	5 811	8.6
Dickinson	50 021	3.8	3 941	2.0	33 975	2.0	116	2.3	3 506	2.0
Eaton	54 650	5.0	54 948	.7	51 740	.9	1 061	.8	45 406	2.5
Emmet	43 863	4.4	5 449	1.9	26 321	2.0	207	1.4	4 120	5.5
Genesee	51 684	6.5	27 995	1.0	35 169	1.3	798	.9	24 547	6.9
Gladwin	31 431	11.0	9 557	2.2	22 539	2.4	424	1.1	6 430	13.5
Gogebic	27 670	6.8	232	15.0	4 830	15.1	48	3.4	239	5.1
Grand Traverse	41 953	7.3	17 155	.9	41 537	1.0	415	.9	13 352	3.8
Gratiot	89 884	3.2	102 439	.7	117 342	1.5	873	1.5	77 585	1.6
Hillsdale	46 586	6.1	71 729	1.2	58 033	1.8	1 234	1.5	53 709	2.9
Houghton	34 213	5.6	2 206	2.2	17 238	2.3	128	1.8	2 251	9.9
Huron	116 372	3.5	211 414	.7	178 559	2.0	1 184	1.8	171 252	1.0
Ingham	70 804	4.9	53 394	.8	64 564	1.1	826	.9	49 755	2.2
Ionia	65 138	3.6	87 194	.6	86 846	1.1	1 006	1.0	75 257	1.4
Iosco	42 219	11.1	6 769	2.0	28 442	2.1	237	1.1	4 952	8.2
Iron	39 426	4.3	1 593	2.1	18 525	2.2	86	2.5	1 458	2.4
Isabella	54 772	5.2	56 825	1.1	62 377	1.7	912	1.4	44 791	3.3
Jackson	50 523	4.8	44 311	.8	44 895	1.2	988	1.0	38 452	3.0
Kalamazoo	74 017	3.7	105 494	.3	151 572	.7	696	.8	73 163	1.5
Kalkaska	39 702	3.8	5 060	1.3	36 405	1.5	139	2.6	4 084	1.6
Kent	74 189	7.0	121 041	.4	106 550	.8	1 136	.8	93 300	1.8
Keweenaw	17 825	–	5	–	994	–	5	–	22	–
Lake	43 749	12.7	2 073	4.8	16 454	4.9	125	2.1	1 662	9.2
Lapeer	65 710	6.7	54 255	1.1	53 191	1.6	1 023	1.3	43 867	3.5
Leelanau	70 220	7.3	28 725	.9	77 845	1.1	371	1.1	20 733	4.3
Lenawee	71 551	3.9	102 849	.6	78 093	1.0	1 316	.8	78 591	1.8
Livingston	70 608	5.7	28 455	1.1	44 671	1.4	635	1.0	25 194	4.7
Luce	52 670	3.4	2 326	.1	75 029	.4	31	2.7	1 048	.2
Mackinac	34 037	4.1	2 547	.8	35 373	1.0	72	3.1	2 418	.9
Macomb	61 118	8.6	44 734	.6	85 534	1.1	521	1.0	31 411	1.9
Manistee	46 852	13.6	9 096	1.4	32 030	1.6	286	1.3	8 533	8.0
Marquette	37 017	3.5	2 946	2.4	27 278	2.5	108	2.6	2 894	1.9
Mason	49 514	7.3	23 621	1.3	57 194	1.7	414	1.3	20 715	5.9
Mecosta	49 615	7.5	24 866	.9	41 651	1.2	597	.9	17 511	2.7
Menominee	59 720	10.0	18 302	1.4	52 592	1.6	348	1.3	14 489	4.6
Midland	64 081	13.0	17 254	1.3	41 278	1.5	418	1.0	14 667	5.2
Missaukee	79 790	4.5	34 697	.7	103 575	.9	336	1.0	26 418	2.6
Monroe	76 566	5.0	94 138	.8	88 977	1.4	1 059	1.3	70 369	2.7
Montcalm	75 520	4.3	87 860	.6	92 096	1.1	956	1.1	65 365	1.4
Montmorency	45 917	7.2	3 271	1.2	31 755	1.3	103	1.8	2 202	8.2
Muskegon	68 752	7.2	44 435	.6	108 379	1.0	411	1.1	34 487	2.3
Newaygo	56 972	13.3	48 541	.8	72 449	1.1	670	1.0	39 745	4.7
Oakland	49 275	8.2	32 452	.6	59 654	.9	543	.9	32 747	2.5
Oceana	67 795	11.2	49 792	.8	86 896	1.2	574	1.1	38 861	2.7
Ogemaw	74 121	6.7	22 144	.8	84 841	1.0	260	1.2	18 051	3.0
Ontonagon	37 216	4.0	2 205	2.3	23 963	2.5	92	2.6	1 676	3.0
Osceola	59 242	11.6	19 284	1.4	38 879	1.7	497	1.1	15 213	8.1
Oscoda	24 958	5.1	1 880	4.4	23 494	4.5	80	3.0	1 463	4.7
Otsego	61 613	7.0	3 810	1.8	27 407	1.9	139	1.8	3 179	4.9
Ottawa	78 117	3.2	299 985	.3	232 187	1.0	1 293	1.0	243 970	.7
Presque Isle	37 274	6.6	13 085	1.2	44 206	1.4	295	1.1	8 262	4.3
Roscommon	22 629	5.7	513	5.2	14 255	5.2	36	3.8	320	3.9
Saginaw	80 319	4.7	84 034	.8	72 256	1.2	1 163	1.1	65 020	2.3
St. Clair	55 699	6.6	36 076	1.0	38 378	1.3	938	.9	29 955	2.3
St. Joseph	95 080	4.3	81 103	.6	102 533	1.3	793	1.3	61 648	1.7
Sanilac	92 024	3.6	132 513	.8	91 514	1.5	1 447	1.3	102 825	1.6
Schoolcraft	36 711	5.3	1 230	1.8	27 326	2.0	45	3.6	992	1.9
Shiawassee	85 339	8.7	45 200	1.1	49 399	1.6	917	1.2	37 260	2.1
Tuscola	104 055	3.6	105 723	.7	92 739	1.2	1 142	1.0	83 841	1.4

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Average market value of all machinery and equipment per farm[1]		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses[1]			
							Total farm production expenses			
							Farms		Value	
	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Van Buren	66 559	6.1	100 641	.6	95 034	1.1	1 059	1.0	78 805	1.7
Washtenaw	55 575	4.4	56 521	.7	54 874	1.0	1 031	.9	50 013	3.0
Wayne	65 639	8.0	27 159	.7	89 635	1.2	305	1.2	20 920	4.1
Wexford	35 992	6.2	8 690	1.8	34 621	1.8	252	1.5	6 715	3.1

Geographic area	Farm production expenses[1]—Con.											
	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Michigan	**11 086**	**1.9**	**175 474**	**1.1**	**17 888**	**1.5**	**414 770**	**.8**	**27 224**	**1.3**	**180 800**	**1.0**
Alcona	83	14.4	473	10.7	124	9.5	701	11.2	81	13.6	113	17.6
Alger	18	5.9	157	7.7	27	5.1	416	7.0	30	5.0	30	6.3
Allegan	372	8.5	11 117	3.5	576	6.3	47 224	.7	776	4.8	5 481	5.0
Alpena	138	15.5	602	21.7	158	14.7	890	14.0	212	10.1	538	14.4
Antrim	79	14.7	432	7.8	114	11.3	1 115	7.7	141	8.4	748	1.8
Arenac	44	26.4	190	19.9	79	17.7	1 144	21.7	205	5.2	1 219	6.2
Baraga	11	6.7	40	6.7	26	4.4	162	7.0	30	4.5	28	21.8
Barry	239	11.4	3 751	3.3	367	8.5	9 130	3.6	372	7.3	1 810	5.0
Bay	66	24.6	539	34.9	111	18.7	1 061	17.6	555	4.1	4 086	3.8
Benzie	38	15.9	224	15.7	50	11.9	303	51.8	56	9.6	84	13.9
Berrien	88	22.5	1 427	4.2	223	13.2	2 711	6.7	668	5.5	3 882	6.7
Branch	270	10.6	3 817	7.4	413	8.0	10 553	5.7	615	5.2	3 306	4.1
Calhoun	261	11.9	3 142	6.7	429	8.3	7 494	11.4	658	3.7	3 895	3.3
Cass	208	12.6	2 382	6.2	321	9.8	15 373	2.0	469	4.6	2 904	5.6
Charlevoix	57	10.4	143	25.9	102	7.3	623	8.7	78	7.7	114	7.8
Cheboygan	51	11.4	172	9.2	94	6.8	1 407	2.2	81	7.1	102	12.3
Chippewa	105	18.6	431	14.9	164	11.2	1 245	40.0	94	19.2	47	20.2
Clare	147	12.4	1 316	18.7	192	9.2	2 289	5.1	154	9.9	256	8.7
Clinton	319	9.6	5 787	3.8	406	8.1	12 126	4.0	818	3.4	4 438	4.4
Crawford	9	9.0	14	10.3	17	7.1	58	9.9	9	9.0	4	11.6
Delta	51	19.1	139	20.0	105	13.6	649	7.6	124	10.7	332	16.8
Dickinson	36	3.6	127	5.2	58	3.0	729	2.2	66	2.7	211	2.1
Eaton	264	11.9	2 184	6.3	380	9.1	4 165	9.0	626	4.5	4 432	4.3
Emmet	55	12.5	286	20.3	99	7.7	582	11.1	98	7.2	127	9.1
Genesee	217	14.0	1 946	20.4	371	8.8	2 068	11.4	366	8.5	1 596	10.4
Gladwin	146	17.8	289	20.7	239	8.9	888	19.9	188	11.8	323	27.0
Gogebic	6	10.8	(D)	(D)	25	4.5	31	7.9	8	5.9	(D)	(D)
Grand Traverse	85	19.7	565	32.2	123	14.2	1 121	17.4	196	9.1	433	13.2
Gratiot	260	12.5	6 724	7.5	352	10.3	12 924	2.6	613	4.4	5 653	5.2
Hillsdale	194	14.4	4 441	9.3	358	10.5	7 102	10.9	656	5.0	3 696	7.1
Houghton	32	13.6	84	11.1	67	8.1	533	12.7	56	8.8	41	14.9
Huron	370	9.1	31 311	1.4	486	7.2	31 905	2.1	853	3.9	8 873	3.4
Ingham	226	13.2	2 348	10.0	384	8.6	4 782	7.5	506	6.4	3 118	7.9
Ionia	304	10.2	3 912	6.8	458	7.7	16 773	3.1	673	3.6	3 852	5.8
Iosco	34	26.7	587	10.6	111	11.5	755	13.6	120	10.4	186	13.7
Iron	33	3.9	90	4.3	50	3.3	117	5.1	29	4.1	60	2.6
Isabella	193	13.2	2 067	15.5	342	9.2	8 626	8.3	607	4.9	2 343	5.7
Jackson	264	11.8	6 870	3.0	385	8.9	3 663	9.0	573	5.0	2 279	5.4
Kalamazoo	137	16.2	5 158	1.4	224	11.7	10 911	1.6	471	4.9	4 864	2.8
Kalkaska	29	5.6	103	9.9	45	4.5	310	6.6	74	3.4	504	.8
Kent	230	12.1	1 612	8.2	475	6.9	6 737	4.9	609	5.0	6 578	4.3
Keweenaw	1	–	(D)	(D)	3	–	7	–	2	–	(D)	(D)
Lake	37	14.1	106	21.5	63	9.4	335	16.8	49	11.4	41	19.6
Lapeer	288	11.7	3 644	13.0	497	7.7	4 385	8.7	542	5.8	2 280	9.6
Leelanau	41	29.3	1 250	2.1	73	19.9	435	9.6	211	10.0	447	11.2
Lenawee	240	12.0	5 327	3.8	383	8.9	4 076	8.3	818	3.0	6 048	3.5
Livingston	162	13.4	1 089	14.0	306	9.1	2 560	14.2	288	7.1	1 486	7.6
Luce	5	–	106	–	9	–	61	–	14	2.3	98	(L)
Mackinac	20	5.0	142	4.1	35	4.1	669	.3	28	4.2	20	.9
Macomb	117	20.8	442	9.4	178	13.8	789	5.9	307	8.3	3 816	2.4
Manistee	69	16.7	447	70.4	86	13.8	235	38.5	152	8.1	403	26.1
Marquette	24	5.4	219	9.0	54	3.7	713	1.1	40	3.6	75	1.7
Mason	105	17.5	951	28.5	170	13.4	2 033	13.4	251	8.6	1 334	26.0
Mecosta	170	15.0	1 148	15.6	273	9.3	3 572	5.5	300	8.4	877	5.9
Menominee	97	14.0	747	13.4	218	7.6	3 951	9.2	221	6.9	421	8.5
Midland	100	13.8	550	7.6	174	12.0	1 360	4.4	245	7.6	1 247	13.6
Missaukee	88	14.5	1 613	3.5	158	6.7	7 477	5.5	168	6.1	732	3.8
Monroe	261	11.5	3 492	11.4	351	10.0	2 301	9.1	787	3.9	7 072	8.3
Montcalm	247	11.4	2 141	13.7	413	7.5	4 544	6.8	602	5.4	4 755	1.8
Montmorency	25	17.8	72	27.0	64	8.1	481	11.5	43	11.5	118	23.9
Muskegon	66	19.7	2 099	2.5	135	14.5	6 840	2.7	209	9.6	1 591	5.8
Newaygo	173	12.9	2 357	5.7	333	8.9	8 275	11.9	389	7.2	1 927	10.2
Oakland	87	22.0	867	39.9	246	11.7	781	17.5	170	12.9	6 473	3.5
Oceana	103	21.7	1 579	11.0	191	13.3	3 707	4.7	368	5.5	1 548	5.9

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farm production expenses[1]—Con.											
	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Ogemaw	108	11.4	1 885	3.9	172	6.2	4 065	4.2	154	8.7	561	5.5
Ontonagon	28	4.4	95	7.1	46	3.7	312	4.6	35	3.8	26	2.2
Osceola	191	11.3	761	17.1	272	8.3	3 803	15.2	236	9.5	486	14.8
Oscoda	36	4.5	112	6.8	56	3.7	401	6.0	40	4.2	37	8.0
Otsego	34	14.9	292	19.8	62	9.4	334	16.0	92	6.0	102	6.4
Ottawa	368	8.1	15 198	1.5	609	5.5	71 819	1.0	775	4.3	12 456	3.4
Presque Isle	86	19.4	444	33.1	119	15.3	526	13.8	150	12.7	603	6.1
Roscommon	8	8.2	30	.9	17	5.0	24	4.8	16	5.8	6	7.1
Saginaw	169	16.6	958	15.5	212	14.4	2 054	11.8	959	2.6	5 823	3.4
St. Clair	219	13.7	1 426	15.5	341	10.0	2 533	8.4	545	5.9	2 607	6.4
St. Joseph	230	11.7	2 135	9.2	339	9.2	6 110	8.7	569	5.0	3 949	2.8
Sanilac	422	8.6	4 749	11.2	591	6.5	13 662	5.0	941	3.7	6 326	3.5
Schoolcraft	13	6.1	58	1.5	25	4.7	130	2.2	26	4.4	35	3.2
Shiawassee	162	16.9	810	10.7	273	12.4	2 719	9.9	717	4.2	3 086	4.1
Tuscola	195	13.6	2 622	9.9	318	10.2	4 301	8.3	786	3.1	7 050	3.1
Van Buren	140	17.1	1 481	11.7	318	10.9	5 405	12.7	496	7.3	5 769	2.3
Washtenaw	270	13.1	4 127	2.5	394	9.7	4 078	13.2	664	5.1	3 397	4.5
Wayne	51	29.5	281	48.6	72	26.0	607	39.7	112	10.7	2 803	2.3
Wexford	61	12.6	621	10.3	109	7.8	901	10.6	93	8.5	281	3.7

Geographic area	Farm production expenses[1]—Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Michigan	**29 576**	**1.3**	**244 613**	**1.0**	**26 238**	**1.4**	**182 494**	**1.1**	**42 348**	**1.0**	**142 449**	**.9**
Alcona	89	12.9	172	10.1	62	15.7	58	24.0	206	1.2	280	8.2
Alger	35	4.5	67	6.1	23	5.8	28	5.0	58	3.7	93	4.8
Allegan	916	3.6	7 412	3.6	805	4.4	6 031	3.3	1 252	1.7	5 840	2.4
Alpena	205	10.0	1 117	13.9	149	11.5	590	25.8	381	3.3	685	8.3
Antrim	162	6.8	862	5.2	147	8.2	1 256	9.0	222	3.6	857	3.1
Arenac	208	4.9	2 351	6.9	189	5.0	1 085	7.1	289	1.6	939	6.7
Baraga	30	4.3	29	9.4	9	7.6	(D)	(D)	53	3.2	90	6.1
Barry	449	5.8	2 841	6.2	430	6.1	1 799	7.3	737	3.1	1 810	5.5
Bay	564	3.6	7 503	3.9	524	4.2	4 056	6.7	702	2.0	3 024	4.8
Benzie	84	6.5	187	8.1	69	7.1	704	9.3	135	2.4	196	6.8
Berrien	881	3.5	4 598	4.9	884	3.6	7 599	4.4	1 130	1.8	3 199	3.9
Branch	598	5.4	4 901	4.1	567	5.2	3 736	4.6	890	2.7	3 582	3.1
Calhoun	683	4.1	4 632	6.7	633	4.9	3 006	7.5	934	2.7	3 059	4.1
Cass	527	4.6	4 040	6.0	437	5.8	2 900	6.6	659	2.0	2 890	7.4
Charlevoix	101	7.0	218	7.4	72	9.0	160	18.3	171	2.8	217	6.9
Cheboygan	128	4.6	348	23.4	67	8.7	101	15.7	195	2.0	270	4.3
Chippewa	151	13.6	225	10.3	49	29.7	47	19.8	313	2.0	395	12.8
Clare	159	10.2	592	11.7	98	13.7	181	12.6	299	3.6	454	6.8
Clinton	804	3.4	6 576	3.6	796	3.7	5 346	4.3	1 060	1.9	3 490	3.1
Crawford	10	7.7	5	12.6	5	13.7	2	16.8	25	5.8	12	10.6
Delta	144	9.8	545	16.2	112	12.4	238	23.6	246	2.0	396	7.5
Dickinson	63	2.6	252	2.6	46	3.0	176	2.3	100	2.3	239	3.1
Eaton	667	4.4	6 017	4.4	603	4.8	3 659	4.2	965	2.1	2 749	3.2
Emmet	127	5.1	237	9.8	87	8.3	126	8.4	193	2.1	241	5.0
Genesee	351	8.6	2 575	7.5	349	9.4	1 713	8.0	716	3.0	1 360	6.8
Gladwin	243	9.3	758	26.3	161	14.4	349	37.4	375	3.4	389	9.1
Gogebic	12	6.2	(D)	(D)	7	8.9	(D)	(D)	44	3.6	21	4.5
Grand Traverse	270	7.2	977	11.3	260	6.7	1 469	7.4	354	4.4	738	7.1
Gratiot	611	4.4	9 068	3.5	590	4.8	5 893	4.3	823	2.4	4 038	3.8
Hillsdale	646	5.7	5 465	7.8	645	5.7	3 863	7.5	1 048	3.0	2 765	4.5
Houghton	60	8.5	86	10.1	33	13.4	8	20.8	118	2.7	137	8.2
Huron	878	3.8	17 817	2.6	810	4.4	8 190	3.9	1 074	2.9	6 739	3.6
Ingham	561	5.4	5 536	3.6	477	6.7	3 149	4.4	753	2.7	2 560	3.5
Ionia	639	4.2	7 369	3.7	657	3.9	4 312	4.2	912	2.2	3 084	2.9
Iosco	121	9.8	396	15.2	80	13.8	170	21.4	208	4.5	306	9.3
Iron	37	3.6	123	2.6	24	4.1	65	4.0	84	2.5	123	2.8
Isabella	660	4.2	4 983	6.2	549	4.7	2 444	8.2	828	2.3	2 499	4.2
Jackson	593	5.4	3 578	6.3	583	5.1	2 593	4.2	943	1.7	1 979	5.7
Kalamazoo	455	5.1	4 166	6.1	372	5.8	3 248	8.8	635	2.7	3 848	1.6
Kalkaska	78	3.2	516	1.1	50	4.0	178	2.6	124	2.7	307	1.0
Kent	714	4.6	4 614	7.9	663	4.4	5 844	6.9	1 085	1.6	4 865	3.3
Keweenaw	2	–	(D)	(D)	1	–	(D)	(D)	4	–	1	–
Lake	61	9.3	85	22.5	23	17.3	23	42.0	117	3.1	120	9.8
Lapeer	590	5.9	4 028	6.4	472	6.5	2 710	4.8	917	2.7	2 347	5.4
Leelanau	316	4.0	1 222	6.3	297	4.7	3 174	6.5	337	3.5	939	7.8
Lenawee	808	3.8	9 746	3.4	830	3.8	7 142	3.4	1 188	2.1	4 095	3.4
Livingston	343	7.9	1 982	8.3	278	8.2	1 878	10.9	514	3.8	1 379	6.5
Luce	20	2.9	58	1.1	12	2.4	37	.2	30	2.8	63	.4
Mackinac	29	4.6	78	2.8	18	5.0	82	5.8	66	3.1	122	1.8

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farm production expenses[1]—Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Macomb	351	7.2	1 412	7.9	277	10.1	1 374	7.1	520	1.1	2 265	3.4
Manistee	171	7.6	618	16.7	158	8.7	1 116	9.3	264	2.9	592	7.5
Marquette	50	3.4	128	2.1	29	4.4	62	1.9	99	2.7	205	3.6
Mason	259	7.0	1 705	12.3	276	7.2	1 664	12.9	390	3.1	973	10.4
Mecosta	349	8.2	1 524	6.6	232	8.7	953	3.7	544	3.8	942	7.3
Menominee	238	7.1	1 197	13.6	161	9.9	349	7.7	320	3.6	684	6.4
Midland	281	6.8	2 014	7.9	221	7.7	1 196	11.7	378	2.9	880	7.3
Missaukee	182	6.3	1 184	4.3	172	5.2	564	8.3	320	2.5	1 097	3.1
Monroe	763	4.1	7 160	5.2	783	3.9	5 239	5.9	1 009	2.0	4 082	4.9
Montcalm	618	5.4	7 372	3.2	517	6.5	6 859	5.4	914	2.0	3 478	3.4
Montmorency	57	10.8	191	29.2	27	16.1	43	19.9	91	5.5	163	11.3
Muskegon	267	8.3	1 552	5.1	246	8.0	2 126	8.1	379	3.9	1 613	4.3
Newaygo	446	5.6	2 488	8.8	352	7.4	2 076	10.1	639	2.0	1 610	6.6
Oakland	167	12.2	913	18.0	176	11.9	524	10.5	455	4.8	1 392	6.4
Oceana	445	4.8	2 483	4.0	394	6.1	4 081	5.6	534	3.2	1 666	5.1
Ogemaw	178	7.3	1 141	5.1	122	9.7	436	9.4	246	3.1	848	4.1
Ontonagon	42	3.7	55	4.1	14	4.4	8	1.7	88	2.6	111	2.7
Osceola	269	8.2	758	10.0	173	12.1	400	10.6	454	3.4	976	11.5
Oscoda	45	4.0	132	5.3	32	4.6	42	6.3	74	3.2	76	4.8
Otsego	95	5.7	244	5.5	67	7.8	128	10.8	131	2.9	207	6.6
Ottawa	900	3.7	4 967	4.3	836	3.7	6 036	2.8	1 233	1.5	7 486	2.0
Presque Isle	192	8.2	1 049	5.7	108	17.5	495	2.1	274	3.1	675	8.0
Roscommon	18	5.6	17	7.3	11	7.8	6	20.1	34	3.9	35	3.7
Saginaw	951	2.7	10 523	3.4	917	3.2	7 334	4.1	1 106	1.8	4 237	3.3
St. Clair	583	5.3	3 818	6.3	518	5.6	2 880	6.9	853	2.3	1 801	5.5
St. Joseph	582	4.6	8 230	3.2	572	4.7	5 518	2.8	664	3.7	3 062	4.1
Sanilac	993	3.5	11 929	2.7	898	4.3	7 382	3.6	1 358	1.9	5 463	2.6
Schoolcraft	25	4.4	78	3.8	20	4.6	39	4.3	40	3.7	62	3.2
Shiawassee	690	4.9	5 336	4.5	671	5.0	3 993	5.2	896	1.9	2 458	6.0
Tuscola	847	3.5	12 013	2.8	709	3.8	7 071	3.8	1 088	1.5	5 040	2.7
Van Buren	710	4.6	4 713	3.3	647	5.3	6 948	4.2	986	2.0	3 867	5.5
Washtenaw	692	5.1	5 539	7.6	595	5.7	3 507	8.3	980	2.0	2 673	4.2
Wayne	109	14.5	817	2.0	114	11.2	402	15.6	238	6.1	1 495	3.9
Wexford	128	6.7	354	5.0	89	8.8	213	4.9	237	2.0	404	5.3

Geographic area	Farm production expenses[1]—Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Michigan	**31 396**	**1.2**	**53 192**	**1.0**	**14 481**	**1.6**	**369 145**	**.7**	**3 865**	**3.2**	**29 043**	**2.8**
Alcona	122	10.3	112	13.2	71	15.7	244	8.9	9	24.6	3	15.3
Alger	42	4.2	50	4.4	20	6.1	230	2.9	7	9.0	11	9.6
Allegan	1 024	3.3	3 312	2.7	488	5.6	23 421	1.5	139	15.9	803	14.4
Alpena	272	7.1	219	10.8	85	20.0	585	15.2	32	37.4	106	3.0
Antrim	181	6.4	276	9.9	108	11.4	1 582	9.0	24	31.2	223	19.2
Arenac	221	5.3	289	9.8	106	14.2	1 604	8.0	30	32.3	413	68.7
Baraga	44	3.5	44	5.9	12	5.2	155	15.6	1	24.2	(D)	(D)
Barry	522	5.8	681	4.7	196	12.5	3 358	1.0	45	28.6	198	23.0
Bay	483	5.1	642	5.2	256	8.7	4 692	13.6	62	20.9	539	10.0
Benzie	113	5.0	77	12.4	62	9.7	935	14.5	20	20.5	144	22.9
Berrien	711	5.0	1 036	6.3	462	7.3	14 070	4.2	163	15.1	733	20.7
Branch	642	5.0	1 296	4.8	249	11.5	6 199	1.2	72	25.7	218	12.4
Calhoun	770	3.5	1 139	6.9	248	11.2	5 098	4.2	93	23.1	404	15.0
Cass	477	5.0	731	5.1	185	12.3	4 238	5.3	56	27.0	602	1.8
Charlevoix	134	4.9	133	8.5	46	11.0	291	13.2	13	27.9	45	14.8
Cheboygan	137	4.5	122	6.1	57	8.0	531	3.6	8	16.3	18	12.6
Chippewa	249	6.5	154	18.2	98	15.5	526	38.0	23	46.0	26	23.2
Clare	252	6.7	226	7.3	66	17.6	629	1.7	29	29.4	86	5.8
Clinton	775	4.1	1 408	4.9	359	8.9	7 697	2.0	84	21.3	253	26.5
Crawford	21	6.5	8	10.1	5	9.8	(D)	(D)	2	29.7	(D)	(D)
Delta	183	6.3	164	13.1	97	13.9	816	25.4	7	9.6	7	3.4
Dickinson	86	2.5	96	2.5	40	3.1	334	3.7	8	6.2	32	7.7
Eaton	717	5.0	806	6.4	255	10.8	3 564	8.6	54	24.8	230	8.0
Emmet	146	4.5	127	8.0	59	11.7	442	10.0	5	34.9	4	23.1
Genesee	484	6.5	435	10.0	216	14.3	2 075	7.9	21	39.0	38	22.0
Gladwin	258	8.8	127	13.7	117	17.6	226	11.1	18	62.7	24	44.8
Gogebic	25	5.2	8	5.0	19	6.0	17	11.5	1	–	(D)	(D)
Grand Traverse	299	6.0	310	9.4	168	9.2	1 894	6.4	77	19.7	163	26.8
Gratiot	636	5.1	1 204	2.1	298	10.2	5 765	1.1	107	22.3	486	5.3
Hillsdale	764	5.4	995	4.3	277	12.9	4 469	3.3	83	25.3	358	3.7
Houghton	91	5.1	71	10.7	46	11.0	318	22.9	13	26.7	25	41.3
Huron	878	3.6	1 934	3.4	504	6.8	10 301	3.0	138	14.8	1 564	4.8
Ingham	567	5.8	1 082	4.2	264	11.5	7 599	5.5	52	25.3	264	2.5
Ionia	642	4.6	1 573	7.2	299	9.9	7 272	3.8	59	27.7	1 658	2.6

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farm production expenses[1]—Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Iosco	175	6.4	120	7.9	76	14.2	466	29.8	7	60.7	17	72.6
Iron	58	3.0	34	3.8	27	4.0	266	2.6	1	22.3	(D)	(D)
Isabella	592	5.4	938	7.4	252	11.3	4 464	9.1	58	27.4	110	12.6
Jackson	669	4.8	665	4.6	196	13.7	2 961	5.9	61	28.5	113	16.6
Kalamazoo	472	5.4	1 504	2.3	272	9.1	13 999	1.6	60	20.2	329	2.7
Kalkaska	92	3.1	103	5.1	50	3.8	445	1.1	18	7.5	39	10.9
Kent	825	3.7	2 066	4.4	500	6.1	23 212	3.2	131	14.6	679	12.6
Keweenaw	4	–	2	–	–	–	–	–	–	–	–	–
Lake	58	8.1	60	9.6	18	18.5	112	5.3	6	42.8	4	28.3
Lapeer	727	4.5	1 004	5.6	347	8.8	5 044	3.7	91	23.8	512	20.7
Leelanau	280	6.4	347	6.1	204	9.6	4 760	6.8	64	24.8	447	43.8
Lenawee	803	4.2	1 012	4.5	362	8.5	6 217	2.5	60	22.9	173	14.2
Livingston	424	5.8	594	7.5	190	12.9	4 084	3.8	26	44.0	156	78.5
Luce	24	3.7	19	1.2	15	3.1	161	.5	2	–	(D)	(D)
Mackinac	56	3.3	52	1.9	22	4.7	296	.3	3	13.2	3	6.5
Macomb	380	6.6	667	5.1	158	15.0	8 125	1.9	60	27.2	176	46.2
Manistee	181	7.1	196	6.3	117	10.4	1 531	8.2	42	21.0	452	7.4
Marquette	75	3.1	70	2.4	38	4.0	314	5.8	4	11.5	(D)	(D)
Mason	286	7.1	402	13.0	156	10.7	4 457	12.2	26	40.7	86	54.7
Mecosta	400	7.1	513	5.1	147	15.2	1 173	1.8	9	6.3	21	5.3
Menominee	266	5.1	421	8.7	122	12.3	1 496	12.3	56	19.9	67	17.9
Midland	282	6.5	203	6.1	138	14.1	762	5.3	53	28.6	121	32.9
Missaukee	223	5.4	740	3.5	159	9.0	3 119	2.7	48	14.2	185	11.7
Monroe	680	4.9	976	2.7	309	10.8	10 200	2.9	106	20.1	820	3.1
Montcalm	620	5.6	1 682	3.7	317	9.8	7 631	1.4	80	24.0	383	14.6
Montmorency	86	5.6	91	11.2	20	16.5	81	1.4	4	62.1	6	44.4
Muskegon	308	7.3	651	4.4	124	11.2	6 395	4.3	62	22.6	671	4.1
Newaygo	445	5.0	1 132	7.8	183	14.2	5 092	14.6	34	36.5	447	61.2
Oakland	422	5.6	517	5.5	184	13.2	10 320	3.7	49	32.3	250	59.2
Oceana	401	6.0	678	3.9	270	7.7	9 657	3.2	66	22.0	418	16.4
Ogemaw	204	4.8	411	5.0	93	11.7	2 938	2.3	14	26.7	67	15.3
Ontonagon	69	3.1	63	3.6	34	4.1	202	3.8	8	7.7	15	8.8
Osceola	322	7.2	457	11.2	114	16.1	1 435	10.6	24	46.4	11	38.8
Oscoda	60	3.5	47	5.8	16	5.8	48	14.0	1	32.0	(D)	(D)
Otsego	108	5.0	78	5.9	41	12.1	311	5.6	10	23.1	21	20.9
Ottawa	1 027	3.0	4 005	4.0	592	5.5	45 110	1.0	186	11.6	6 979	5.8
Presque Isle	227	6.5	258	11.9	82	13.4	782	13.1	42	33.9	30	24.2
Roscommon	26	4.9	9	5.1	5	10.8	(D)	(D)	–	–	–	–
Saginaw	804	4.6	870	5.3	287	10.4	4 924	9.0	89	20.8	312	21.8
St. Clair	518	6.8	452	5.6	152	14.1	2 839	4.6	53	33.3	80	34.4
St. Joseph	501	5.2	1 372	3.9	219	11.8	4 486	5.8	46	25.9	698	.7
Sanilac	1 044	3.6	2 043	5.2	435	7.7	8 297	4.3	97	18.5	1 703	4.5
Schoolcraft	34	4.0	29	1.7	20	4.3	119	1.3	5	11.0	2	10.4
Shiawassee	571	6.6	629	6.8	260	11.7	2 717	3.4	53	33.0	98	14.5
Tuscola	768	4.4	1 053	4.9	405	7.7	7 821	5.4	60	20.7	200	18.2
Van Buren	813	3.7	1 509	7.3	446	7.6	17 191	3.0	192	14.4	1 204	8.8
Washtenaw	704	5.0	1 021	5.4	289	10.6	5 459	5.8	88	24.3	222	14.6
Wayne	160	11.8	395	4.5	120	15.3	5 460	2.9	21	40.2	702	48.2
Wexford	154	5.6	152	7.8	60	10.6	979	6.0	34	16.0	206	8.0

Geographic area	Farm production expenses[1]—Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Michigan	**37 918**	**1.1**	**209 298**	**1.0**	**13 520**	**1.8**	**53 082**	**1.7**	**18 209**	**1.5**	**189 849**	**1.1**
Alcona	187	4.0	516	11.8	51	19.9	41	27.6	68	13.1	293	19.5
Alger	46	4.0	117	6.4	16	6.3	8	6.4	23	5.6	109	5.9
Allegan	1 083	3.0	7 523	2.6	391	8.6	3 050	7.3	620	5.9	8 772	3.2
Alpena	301	6.6	919	13.6	58	24.8	127	18.8	163	12.8	869	11.3
Antrim	213	4.9	920	4.1	51	16.7	160	3.3	85	10.1	889	5.1
Arenac	252	4.8	1 345	7.5	94	14.9	210	13.0	126	12.7	1 103	6.0
Baraga	46	3.6	92	5.5	12	6.7	11	8.6	10	7.8	43	15.3
Barry	625	5.0	3 049	5.2	228	12.7	1 088	9.2	322	9.1	3 365	9.8
Bay	610	3.2	4 339	3.7	261	9.9	871	14.1	330	6.4	3 385	4.6
Benzie	124	3.1	402	8.9	26	17.8	52	6.7	70	8.6	387	8.5
Berrien	1 029	2.7	4 640	6.2	405	7.8	1 842	5.4	451	7.8	3 691	6.9
Branch	793	3.7	4 457	5.4	301	10.8	1 142	5.6	353	7.8	4 356	4.3
Calhoun	826	3.4	3 501	5.0	301	11.0	982	10.6	371	8.0	3 718	8.3
Cass	625	2.8	3 112	8.9	226	11.5	1 174	6.4	320	7.8	5 115	5.5
Charlevoix	148	4.2	367	6.7	29	17.1	57	36.3	50	11.7	250	17.1
Cheboygan	163	3.5	423	4.6	43	12.4	39	12.1	50	9.3	234	8.0
Chippewa	265	5.7	664	8.4	55	25.7	50	31.7	106	15.9	510	24.0
Clare	245	7.0	670	6.5	100	16.7	150	20.3	166	10.9	1 266	6.5
Clinton	1 003	2.5	5 574	3.5	475	6.9	1 352	7.7	490	6.5	4 835	4.3

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farm production expenses[1]—Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Crawford	22	6.1	25	6.5	3	13.4	7	19.5	9	9.8	21	12.7
Delta	213	4.5	714	8.7	30	28.2	48	15.6	88	15.0	421	13.9
Dickinson	99	2.3	334	2.5	23	4.5	24	5.9	42	2.9	230	2.7
Eaton	904	3.1	3 847	4.5	326	10.5	777	11.9	397	7.0	3 088	5.9
Emmet	178	3.1	546	10.2	30	17.7	15	18.1	63	10.1	246	14.2
Genesee	627	4.3	2 213	6.1	178	14.6	329	19.0	242	12.6	1 968	12.3
Gladwin	313	7.5	625	10.7	92	24.2	104	20.0	193	12.7	640	19.6
Gogebic	37	4.0	57	7.3	3	17.4	(D)	(D)	8	10.1	21	9.4
Grand Traverse	328	4.9	1 396	6.8	144	12.7	242	11.6	120	12.9	786	14.0
Gratiot	766	3.4	5 674	3.9	273	11.4	1 236	7.5	446	7.6	4 991	4.0
Hillsdale	870	4.5	4 004	3.8	414	9.5	1 288	12.3	525	7.4	4 263	9.5
Houghton	105	4.1	279	9.9	21	19.0	30	16.2	44	10.1	142	18.8
Huron	1 039	3.0	10 649	2.8	455	7.9	3 143	11.2	611	5.5	11 457	3.5
Ingham	734	3.2	4 123	6.1	246	12.1	1 271	11.2	338	9.5	3 389	8.2
Ionia	792	3.5	4 813	3.5	400	7.9	1 342	8.0	389	7.9	5 412	4.2
Iosco	203	4.7	609	14.1	39	23.8	41	17.1	43	22.3	263	15.4
Iron	76	2.6	135	3.3	14	6.7	(D)	(D)	25	4.7	61	4.9
Isabella	769	3.2	3 921	3.7	284	10.9	788	7.7	432	7.9	3 080	7.5
Jackson	821	3.2	3 078	5.6	240	12.4	567	8.9	406	8.5	2 737	7.9
Kalamazoo	582	3.7	4 532	2.7	195	12.1	802	16.9	272	8.6	4 824	2.9
Kalkaska	109	2.8	362	3.0	26	5.0	94	1.3	43	4.2	323	2.3
Kent	987	2.4	6 633	4.3	311	9.1	1 106	7.4	364	7.7	5 473	4.6
Keweenaw	5	–	3	–	–	–	–	–	3	–	3	–
Lake	85	7.0	207	15.9	12	24.2	12	15.8	33	12.8	118	20.7
Lapeer	860	3.2	4 056	10.1	324	10.5	645	11.8	356	9.5	2 826	7.7
Leelanau	323	4.3	1 660	5.6	113	14.5	429	32.2	147	11.7	1 296	11.2
Lenawee	1 110	2.7	6 477	4.5	426	8.5	1 355	13.6	606	6.2	6 938	4.8
Livingston	464	5.3	2 207	9.7	139	16.7	434	13.0	195	12.0	1 547	12.8
Luce	23	3.0	94	.3	3	–	(D)	(D)	15	3.9	109	.1
Mackinac	63	3.2	187	1.5	13	6.7	37	3.9	26	3.6	154	1.5
Macomb	453	4.6	2 426	8.4	132	18.3	360	8.6	138	14.1	1 090	13.2
Manistee	236	4.0	878	9.5	41	24.5	73	33.6	110	10.6	585	12.0
Marquette	84	2.9	305	2.6	15	6.0	(D)	(D)	36	4.5	177	3.5
Mason	326	5.1	1 581	5.1	82	21.1	356	9.0	141	15.3	1 203	12.5
Mecosta	434	5.9	1 365	4.9	114	21.4	305	6.8	197	13.1	1 683	7.3
Menominee	305	4.1	1 251	6.5	105	13.8	121	16.7	155	9.8	1 260	9.2
Midland	357	4.6	1 170	12.7	107	16.9	258	14.7	123	13.4	1 187	11.9
Missaukee	249	4.6	2 062	3.1	88	11.4	243	10.3	163	6.6	2 208	5.8
Monroe	872	3.2	5 313	4.8	418	8.3	1 507	12.4	411	8.3	4 441	8.1
Montcalm	817	3.3	5 440	4.2	261	10.7	1 736	5.8	429	7.9	4 894	5.1
Montmorency	91	4.2	238	15.5	13	17.5	17	7.4	41	12.7	217	11.1
Muskegon	335	6.2	2 168	2.3	100	18.1	1 068	1.4	127	11.2	1 736	5.1
Newaygo	561	3.8	3 394	11.1	239	12.0	671	24.3	289	8.4	2 813	11.6
Oakland	401	6.3	1 704	6.7	123	17.5	307	23.9	95	17.1	544	18.0
Oceana	479	5.4	3 135	6.2	165	13.1	724	2.1	221	10.4	2 463	5.2
Ogemaw	223	4.9	1 556	3.1	53	17.5	137	4.6	90	10.9	1 056	10.3
Ontonagon	77	2.8	205	3.6	19	4.9	14	8.6	32	4.0	176	4.8
Osceola	408	4.1	1 437	6.8	84	20.2	132	40.2	164	14.1	1 103	18.8
Oscoda	63	3.4	158	5.1	13	7.3	(D)	(D)	30	4.6	111	6.7
Otsego	119	3.8	423	7.4	22	18.9	105	7.9	50	10.5	213	13.4
Ottawa	1 140	2.2	9 909	2.4	524	6.7	2 807	3.0	635	5.0	10 511	3.4
Presque Isle	238	5.8	740	7.8	77	22.2	99	10.7	99	17.0	877	13.9
Roscommon	24	5.0	60	3.8	3	17.9	2	17.8	8	9.5	20	16.4
Saginaw	1 005	2.7	6 370	4.1	400	8.2	1 158	11.1	566	6.3	5 391	6.5
St. Clair	748	4.1	2 885	6.4	195	14.9	643	16.0	271	10.8	1 316	9.4
St. Joseph	578	4.8	4 863	4.3	315	9.0	2 757	10.3	373	7.7	5 336	4.6
Sanilac	1 205	2.9	9 266	3.2	464	8.0	1 978	7.8	666	5.8	8 094	4.7
Schoolcraft	42	3.6	122	2.6	12	6.9	15	3.3	20	4.3	86	2.5
Shiawassee	800	3.2	3 834	5.9	241	12.7	485	14.9	386	8.3	2 687	7.1
Tuscola	949	3.1	7 021	4.4	395	7.3	2 941	5.8	542	6.0	6 917	3.9
Van Buren	894	3.0	5 533	3.5	347	9.2	2 358	5.9	423	8.3	5 080	8.3
Washtenaw	882	3.1	4 236	5.1	339	9.7	682	11.9	335	9.9	3 237	8.0
Wayne	240	6.8	1 595	6.4	67	18.6	351	18.3	105	12.0	853	12.1
Wexford	192	4.1	567	6.1	47	14.7	31	11.8	83	10.4	266	7.9

Geographic area	Farm production expenses[1]—Con.											
	Cash rent				Property taxes paid				All other farm production expenses			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Michigan	**12 983**	**1.8**	**162 012**	**1.2**	**43 608**	**.9**	**114 049**	**1.1**	**40 748**	**1.0**	**315 391**	**.8**
Alcona	58	14.3	82	14.4	202	2.5	337	8.5	191	4.1	425	7.8
Alger	17	6.2	40	8.2	59	3.6	83	4.3	56	3.8	272	5.7
Allegan	366	8.4	5 780	5.0	1 292	1.2	3 824	3.1	1 229	1.8	15 136	2.3
Alpena	114	14.9	755	14.8	387	2.9	548	9.7	373	3.6	1 287	9.3

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farm production expenses[1]—Con.											
	Cash rent				Property taxes paid				All other farm production expenses			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Antrim	34	21.1	417	1.3	255	2.3	624	4.7	238	3.1	1 320	6.6
Arenac	112	11.3	1 349	9.6	319	1.3	719	5.7	283	4.0	1 531	7.4
Baraga	11	7.4	19	14.4	53	3.2	84	3.8	45	3.4	120	14.5
Barry	176	11.3	2 505	4.7	852	1.4	1 782	4.7	680	4.1	4 510	2.0
Bay	318	7.0	5 289	5.1	658	3.0	2 107	4.9	636	3.2	4 450	6.5
Benzie	18	18.5	119	24.0	139	1.7	245	3.7	125	3.2	528	9.7
Berrien	358	9.1	3 497	7.4	1 084	2.3	2 550	4.7	1 025	2.5	7 632	3.6
Branch	271	9.5	4 490	7.9	907	2.1	2 412	4.2	875	2.9	5 839	3.2
Calhoun	290	8.7	2 873	6.0	1 035	1.8	2 896	5.5	974	2.4	6 129	4.6
Cass	242	11.1	3 015	7.7	642	3.1	1 969	5.8	661	2.3	5 072	7.4
Charlevoix	32	14.8	76	7.8	187	1.8	263	6.2	151	3.9	415	10.3
Cheboygan	37	8.9	64	10.2	205	1.5	291	5.4	181	2.6	450	4.1
Chippewa	82	20.7	119	28.1	319	.9	355	9.3	274	4.8	603	13.0
Clare	79	14.2	208	13.5	346	1.7	500	5.9	285	5.3	1 251	3.8
Clinton	398	7.8	4 487	5.4	1 040	2.3	2 925	4.5	999	2.4	6 257	4.2
Crawford	2	20.1	(D)	(D)	27	5.5	37	7.2	22	6.3	33	9.3
Delta	51	19.7	189	39.9	240	2.9	403	6.8	206	5.3	752	6.5
Dickinson	25	4.0	46	3.6	111	2.3	171	2.4	103	2.3	505	2.4
Eaton	297	8.4	3 103	6.3	1 002	2.3	2 393	4.1	1 001	1.8	4 391	3.3
Emmet	44	9.5	93	8.9	202	1.9	407	9.7	170	3.6	642	9.2
Genesee	170	16.2	1 483	4.7	766	1.9	1 645	5.0	682	3.1	3 104	17.8
Gladwin	118	20.4	508	59.3	405	3.2	591	7.4	352	4.6	590	15.1
Gogebic	3	13.5	(Z)	23.9	46	3.6	44	4.3	40	3.8	29	6.4
Grand Traverse	49	19.5	329	24.9	374	3.8	1 069	8.4	370	3.8	1 860	9.1
Gratiot	259	11.8	4 782	4.7	787	3.1	2 249	5.0	737	3.5	6 896	2.0
Hillsdale	333	8.4	4 794	9.8	1 189	2.0	2 087	4.5	1 016	3.5	4 119	5.6
Houghton	26	13.8	29	25.1	128	1.8	189	8.4	100	4.1	279	13.9
Huron	472	6.6	11 850	4.3	1 091	2.6	4 601	3.1	1 067	2.7	10 920	3.0
Ingham	242	11.0	3 116	11.7	782	2.5	2 637	3.5	762	2.9	4 781	3.1
Ionia	258	9.7	3 795	7.9	986	1.4	2 473	3.3	903	2.3	7 618	3.4
Iosco	42	18.2	136	25.6	228	2.6	286	6.1	211	4.1	614	10.3
Iron	27	4.3	29	2.9	81	2.6	111	2.7	74	2.7	233	3.0
Isabella	242	11.8	2 227	4.0	880	1.9	1 827	4.8	796	3.0	4 475	4.5
Jackson	267	10.9	1 872	6.0	928	2.2	2 135	4.3	876	2.6	3 362	6.4
Kalamazoo	208	9.3	2 579	6.0	679	1.4	2 108	3.6	608	3.0	10 289	1.4
Kalkaska	13	6.6	133	1.6	135	2.6	243	2.4	114	2.8	425	3.5
Kent	320	9.4	3 123	8.7	1 088	1.7	3 581	3.8	1 023	2.2	17 176	1.4
Keweenaw	–	–	–	–	5	–	3	–	5	–	1	–
Lake	19	14.1	27	10.5	123	2.6	246	6.4	98	5.0	166	11.5
Lapeer	330	8.9	2 801	4.3	994	1.6	2 209	5.2	854	3.4	5 374	4.4
Leelanau	52	25.2	836	18.1	354	2.8	1 176	12.5	340	2.1	2 315	12.6
Lenawee	443	6.8	10 388	6.2	1 204	1.9	3 651	4.1	1 195	2.0	5 944	2.6
Livingston	173	10.8	1 502	8.4	598	2.5	1 729	5.9	560	3.3	2 567	11.9
Luce	8	–	(D)	(D)	31	2.7	38	1.6	24	2.1	100	.3
Mackinac	27	3.5	27	3.0	67	3.2	88	3.4	63	3.1	461	1.1
Macomb	147	15.8	957	12.0	490	2.7	1 445	6.0	481	3.2	6 069	2.3
Manistee	48	21.7	136	31.9	266	3.0	504	7.8	263	3.0	767	6.2
Marquette	12	6.4	13	3.1	106	2.6	189	2.8	94	2.8	295	2.8
Mason	103	17.1	689	9.5	404	2.2	792	7.4	350	4.4	2 489	13.9
Mecosta	135	15.3	483	11.8	576	1.8	907	5.6	510	4.6	2 046	3.8
Menominee	115	11.4	282	7.8	341	1.8	611	4.1	323	2.7	1 629	7.7
Midland	87	17.4	1 282	4.6	382	3.2	1 029	11.8	366	4.2	1 408	10.4
Missaukee	116	9.3	496	5.1	328	1.3	945	3.3	286	3.7	3 754	3.2
Monroe	426	7.6	6 759	6.0	979	2.3	2 860	5.2	980	2.4	8 146	3.9
Montcalm	272	9.1	4 436	2.9	888	2.2	2 194	4.7	851	2.9	7 819	3.1
Montmorency	16	21.5	50	8.3	98	2.3	93	7.3	92	4.7	340	10.1
Muskegon	81	17.6	645	7.2	390	2.4	1 043	6.5	320	4.1	4 289	2.0
Newaygo	222	9.2	975	11.9	632	2.5	1 618	9.5	563	3.6	4 870	9.4
Oakland	108	17.5	1 112	7.4	507	3.0	1 769	7.3	469	4.3	5 275	2.6
Oceana	123	15.0	1 066	4.4	562	1.6	1 357	4.6	549	2.9	4 298	3.0
Ogemaw	94	10.1	324	8.9	256	1.2	503	5.0	228	4.7	2 124	3.5
Ontonagon	26	4.4	27	2.8	92	2.6	132	2.7	83	2.7	237	3.6
Osceola	131	13.7	421	13.4	482	1.9	1 079	11.3	428	4.0	1 953	3.1
Oscoda	20	5.9	24	17.5	76	3.1	100	5.0	71	3.2	153	5.1
Otsego	29	16.1	94	14.8	137	2.1	267	14.8	133	2.3	361	6.3
Ottawa	341	7.9	6 456	1.9	1 241	1.5	4 224	2.5	1 205	1.9	36 008	1.4
Presque Isle	63	24.8	486	7.1	295	1.1	428	3.4	251	4.2	769	4.3
Roscommon	1	38.0	(D)	(D)	35	4.0	52	7.1	32	4.3	48	3.5
Saginaw	389	8.1	6 515	8.4	1 063	2.4	3 233	4.7	1 061	2.3	5 320	4.8
St. Clair	271	10.0	2 000	6.3	905	1.5	1 853	5.8	825	2.8	2 820	4.8
St. Joseph	321	9.1	5 687	4.0	707	3.3	2 281	4.3	737	2.5	5 162	3.7
Sanilac	468	7.0	6 730	3.4	1 380	1.9	4 170	3.9	1 296	2.3	11 033	3.8
Schoolcraft	18	4.6	39	2.7	45	3.6	80	2.0	40	3.7	98	2.9
Shiawassee	258	11.8	2 394	7.7	869	2.2	2 067	5.9	861	2.6	3 947	3.9
Tuscola	364	8.3	8 606	4.4	1 068	2.1	3 634	4.0	1 038	2.1	7 552	4.7
Van Buren	260	10.9	3 783	5.4	1 023	1.7	2 973	5.3	916	2.9	10 992	2.4
Washtenaw	300	8.7	2 834	10.9	959	2.3	3 321	4.6	930	2.8	5 680	9.8
Wayne	58	19.1	1 011	9.3	268	4.5	858	15.7	246	7.1	3 292	3.3
Wexford	27	14.7	143	7.1	246	2.0	497	3.7	217	3.5	1 098	3.5

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Net cash return from agricultural sales for the farm unit (see text)[1]				Total cropland				Harvested cropland			
	Farms		Value		Farms		Acres		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Michigan	**46 040**	**.9**	**686 891**	**1.2**	**43 017**	**.9**	**7 891 802**	**.8**	**37 941**	**1.0**	**6 724 480**	**.8**
Alcona	207	1.2	822	28.6	194	.5	29 826	1.3	176	.8	18 148	1.7
Alger	60	3.6	318	14.0	58	1.4	8 703	3.9	56	1.6	6 431	4.4
Allegan	1 335	.8	27 169	4.3	1 239	.8	198 357	.6	1 116	.8	175 394	.6
Alpena	411	.7	190	(H)	385	.5	55 779	.8	351	.6	39 323	.9
Antrim	261	1.2	4 267	11.9	243	.6	32 625	1.1	220	.7	21 583	1.2
Arenac	324	1.1	6 944	10.1	305	.8	69 417	1.0	237	1.2	56 792	1.1
Baraga	54	3.1	208	11.4	53	.8	8 944	4.4	52	.8	5 820	5.2
Barry	881	.7	5 201	17.2	800	.6	125 824	.9	625	.8	95 387	1.0
Bay	730	1.0	12 860	10.8	698	.9	162 368	.8	646	1.0	152 564	.9
Benzie	140	1.7	1 618	10.5	124	.7	12 086	1.6	110	.9	8 102	2.0
Berrien	1 183	1.0	17 820	6.8	1 120	1.0	146 334	1.0	1 043	1.0	126 637	1.0
Branch	980	1.1	17 018	6.9	906	1.1	185 213	1.1	733	1.4	160 318	1.1
Calhoun	1 085	.9	7 349	22.0	1 010	1.0	188 318	1.2	876	1.1	157 288	1.2
Cass	700	1.1	11 472	7.7	669	1.0	141 434	1.0	602	1.1	123 647	1.1
Charlevoix	187	1.8	863	18.0	173	.8	18 266	2.1	153	1.0	12 162	2.2
Cheboygan	209	1.2	1 658	17.2	204	.5	27 514	1.4	189	.7	17 564	1.5
Chippewa	319	.9	1 431	23.4	306	.7	67 900	1.3	291	.8	45 562	1.4
Clare	350	1.6	1 822	25.1	318	1.3	41 377	1.9	274	1.5	26 481	1.8
Clinton	1 126	1.2	20 444	3.9	1 065	1.0	209 822	1.0	967	1.1	188 811	1.0
Crawford	27	5.5	–117	8.7	24	2.7	752	8.6	19	4.0	436	8.7
Delta	251	1.2	1 999	22.5	238	.9	41 158	1.6	224	1.0	28 923	1.7
Dickinson	116	2.3	435	9.3	115	.6	13 546	1.4	104	1.0	9 492	1.6
Eaton	1 061	.8	9 120	12.4	985	.7	190 456	.8	826	.8	161 765	.8
Emmet	207	1.4	963	20.4	190	1.0	25 034	2.3	178	1.1	16 188	3.0
Genesee	798	.9	1 425	53.6	725	.9	98 966	1.0	631	1.0	84 103	1.1
Gladwin	424	1.1	1 843	33.2	402	1.0	48 516	1.8	343	1.2	32 296	2.1
Gogebic	48	3.4	–7	(H)	42	1.9	2 190	3.9	38	2.2	1 249	4.4
Grand Traverse	415	.9	4 197	18.6	387	.5	41 530	.9	357	.6	32 745	1.0
Gratiot	873	1.5	24 262	4.9	816	1.4	244 531	1.1	715	1.6	226 252	1.1
Hillsdale	1 234	1.5	15 293	4.7	1 145	1.5	210 468	1.6	807	1.9	168 425	1.7
Houghton	128	1.8	234	31.9	119	.8	12 041	1.9	107	1.2	8 075	2.3
Huron	1 184	1.8	40 916	4.4	1 100	1.9	383 635	1.3	967	2.1	355 965	1.3
Ingham	826	.9	4 868	19.3	758	.9	158 791	.9	692	1.0	143 455	.9
Ionia	1 006	1.0	11 447	8.2	941	1.0	197 400	.9	815	1.1	173 040	1.0
Iosco	237	1.1	1 220	21.4	226	.8	28 890	1.9	192	1.2	18 674	1.9
Iron	86	2.5	135	17.9	80	.8	11 957	2.1	72	1.2	7 566	2.6
Isabella	912	1.4	12 770	8.3	855	1.3	176 440	1.4	752	1.5	147 697	1.4
Jackson	988	1.0	2 778	26.7	916	.9	137 956	1.1	797	1.0	119 144	1.2
Kalamazoo	696	.8	30 526	2.8	649	.7	119 557	1.0	585	.8	107 349	1.0
Kalkaska	139	2.6	976	3.8	127	1.1	13 200	2.0	114	1.4	9 351	2.0
Kent	1 136	.8	27 844	4.3	1 043	.8	149 898	.8	934	.9	127 476	.8
Keweenaw	5	–	–17	–	5	–	112	–	5	–	50	–
Lake	125	2.1	345	32.6	115	.9	13 929	3.0	99	1.3	8 451	2.8
Lapeer	1 023	1.3	9 254	14.3	959	1.3	144 491	1.4	835	1.4	119 906	1.4
Leelanau	371	1.1	7 146	13.8	359	.7	38 420	.9	340	.7	28 007	1.0
Lenawee	1 316	.8	22 137	5.4	1 216	.8	302 470	.8	991	.9	275 112	.8
Livingston	635	1.0	3 335	23.1	565	.9	75 367	1.2	483	1.1	64 554	1.3
Luce	31	2.7	1 278	1.0	30	.4	6 588	.7	30	.4	3 972	1.1
Mackinac	72	3.1	129	8.3	67	1.2	13 576	2.0	63	1.5	8 718	2.1
Macomb	521	1.0	10 056	5.9	495	.9	59 140	1.6	446	1.1	50 551	1.7
Manistee	286	1.3	1 489	51.4	272	.8	28 403	1.5	258	.9	18 866	1.7
Marquette	108	2.6	52	67.6	90	1.3	12 378	2.1	76	1.8	7 616	2.2
Mason	414	1.3	5 335	20.0	389	1.2	55 961	1.6	365	1.3	44 358	1.6
Mecosta	597	.9	3 115	16.1	568	.7	81 882	1.2	488	.9	57 535	1.4
Menominee	348	1.3	4 359	17.4	334	.8	62 984	1.2	312	1.0	49 565	1.3
Midland	418	1.0	1 921	22.6	379	.9	61 712	1.4	335	1.1	54 793	1.5
Missaukee	336	1.0	9 321	4.2	321	.6	66 425	.9	299	.8	54 266	1.0
Monroe	1 059	1.3	22 148	5.2	996	1.2	196 283	1.3	926	1.3	188 144	1.3
Montcalm	956	1.1	21 193	2.9	910	.9	186 146	.9	786	1.1	159 105	.9
Montmorency	103	1.8	1 107	19.6	95	.5	13 605	1.2	82	.9	9 864	1.5
Muskegon	411	1.1	9 463	5.6	371	1.0	53 392	1.3	333	1.1	46 071	1.3
Newaygo	670	1.0	10 293	10.8	635	.9	89 663	1.1	579	.9	70 695	1.2
Oakland	543	.9	1 672	66.4	436	1.0	32 793	1.6	333	1.2	24 121	1.8
Oceana	574	1.1	8 121	9.2	554	1.0	86 370	1.1	523	1.0	67 165	1.1
Ogemaw	260	1.2	3 220	11.8	253	.7	51 262	1.1	230	1.0	40 469	1.1
Ontonagon	92	2.6	528	4.4	91	.9	16 504	1.9	86	1.1	11 387	2.1
Osceola	497	1.1	2 004	21.3	470	1.0	72 253	1.4	423	1.1	51 420	1.4
Oscoda	80	3.0	416	11.2	73	1.3	8 419	3.3	66	1.6	5 110	4.4
Otsego	139	1.8	595	23.0	134	.7	18 584	1.4	113	1.2	12 215	1.6
Ottawa	1 293	1.0	56 728	2.2	1 199	1.0	140 978	.9	1 096	1.1	119 789	.9
Presque Isle	295	1.1	3 292	12.0	288	.8	53 961	1.1	265	1.0	38 626	1.2
Roscommon	36	3.8	193	13.3	32	1.4	2 814	2.8	27	2.1	1 880	2.7
Saginaw	1 163	1.1	17 280	6.2	1 101	1.0	268 428	.9	1 036	1.1	257 817	.9
St. Clair	938	.9	4 512	14.9	882	.8	140 705	1.1	809	.9	118 551	1.2
St. Joseph	793	1.3	19 511	4.9	749	1.2	184 840	1.0	664	1.3	170 772	1.0
Sanilac	1 447	1.3	26 873	4.7	1 365	1.3	380 837	1.1	1 182	1.4	334 433	1.0
Schoolcraft	45	3.6	238	5.8	40	1.8	8 761	1.2	38	2.1	5 037	1.5
Shiawassee	917	1.2	7 030	8.9	863	1.1	184 076	1.3	800	1.2	170 733	1.3
Tuscola	1 142	1.0	19 460	5.1	1 081	1.0	291 711	.8	948	1.1	267 218	.8
Van Buren	1 059	1.0	24 001	7.6	1 029	.9	135 761	1.0	936	1.0	111 235	1.0
Washtenaw	1 031	.9	5 212	18.7	956	.8	153 147	1.0	826	.9	134 302	1.0
Wayne	305	1.2	7 553	8.8	261	1.2	30 266	1.0	209	1.6	22 740	1.2
Wexford	252	1.5	2 391	8.8	236	.7	29 386	1.4	214	.9	21 581	1.4

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Irrigated land				Livestock and poultry							
	Farms		Acres		Cattle and calves inventory				Beef cows inventory			
					Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Michigan	**3 752**	**.9**	**393 485**	**.4**	**15 468**	**1.0**	**1 025 702**	**.8**	**7 566**	**.9**	**116 399**	**1.0**
Alcona	4	10.4	(D)	(D)	105	1.6	4 744	1.7	76	2.0	1 619	2.2
Alger	5	11.7	29	16.8	25	4.0	2 060	5.2	14	6.0	325	9.4
Allegan	185	1.7	12 948	.8	474	1.1	41 416	.8	190	1.9	2 701	2.7
Alpena	13	5.4	516	10.0	206	1.2	10 494	1.3	128	1.7	1 970	2.3
Antrim	38	3.2	2 971	.9	77	2.2	4 686	2.2	42	3.3	875	2.7
Arenac	10	6.2	870	.3	82	2.3	7 177	1.9	27	4.6	430	4.4
Baraga	5	13.7	(D)	(D)	24	3.6	1 327	4.4	14	5.2	425	7.9
Barry	25	4.0	2 253	.9	328	1.2	24 888	.9	209	1.6	3 140	2.7
Bay	65	2.5	5 065	3.2	85	2.4	4 245	1.8	50	3.2	568	3.5
Benzie	16	4.7	210	4.9	42	2.4	1 556	3.6	28	3.5	(D)	(D)
Berrien	196	1.9	10 625	1.0	162	2.2	4 972	2.2	91	2.9	1 130	4.0
Branch	122	2.3	30 563	1.3	353	1.7	24 193	1.0	182	2.2	2 406	2.6
Calhoun	62	3.1	8 962	1.3	375	1.5	19 738	1.3	229	1.9	2 923	2.4
Cass	79	2.5	14 599	1.2	196	1.9	7 082	2.3	116	2.4	2 079	2.6
Charlevoix	13	7.3	56	9.9	81	2.2	3 217	2.9	58	2.8	705	6.0
Cheboygan	11	7.3	72	12.3	93	1.9	5 261	1.8	68	2.4	1 280	3.7
Chippewa	7	9.0	35	15.6	165	1.6	8 429	2.3	113	2.1	2 267	2.3
Clare	6	12.5	(D)	(D)	189	2.0	13 916	2.2	102	2.6	2 583	2.7
Clinton	44	3.5	2 547	1.6	365	1.5	41 204	.7	107	2.6	1 479	2.8
Crawford	1	36.1	(D)	(D)	10	7.9	163	15.8	7	10.6	52	15.0
Delta	16	6.4	903	3.1	136	1.8	7 979	1.9	86	2.4	2 003	2.7
Dickinson	10	6.2	377	8.3	53	2.3	2 630	2.5	35	3.2	730	2.6
Eaton	35	3.7	1 033	1.2	355	1.2	15 879	1.3	211	1.6	3 579	1.9
Emmet	25	5.2	360	5.9	111	1.9	5 852	2.7	74	2.7	1 618	2.9
Genesee	50	4.1	798	2.3	194	2.1	7 526	2.2	106	2.9	1 076	4.9
Gladwin	10	9.2	34	13.2	228	1.7	7 845	2.7	122	2.3	2 192	3.5
Gogebic	1	–	(D)	(D)	19	4.9	251	7.8	15	6.2	110	7.9
Grand Traverse	65	2.4	1 912	3.0	102	2.1	6 072	1.8	44	3.4	1 391	3.4
Gratiot	28	4.7	2 012	4.3	270	1.9	25 575	.9	109	2.9	1 813	4.2
Hillsdale	32	4.1	4 428	2.0	387	2.2	21 633	1.9	163	2.8	1 960	4.0
Houghton	18	5.5	76	5.5	50	2.8	2 123	2.8	33	4.0	418	5.4
Huron	28	5.7	2 270	9.5	450	2.3	59 918	1.2	66	4.1	926	4.9
Ingham	33	4.0	2 369	1.5	278	1.6	21 243	1.2	132	2.4	2 203	5.0
Ionia	31	4.5	2 152	3.0	406	1.4	32 661	1.1	160	2.1	2 800	2.5
Iosco	10	9.5	697	4.8	116	2.0	7 013	2.0	72	2.8	1 659	4.1
Iron	8	5.6	496	3.8	47	2.3	2 038	3.4	38	2.8	991	4.0
Isabella	25	5.5	1 266	5.9	384	1.9	30 100	1.5	170	2.5	2 817	3.1
Jackson	58	3.6	3 475	2.4	339	1.5	21 773	1.1	182	2.0	2 671	2.6
Kalamazoo	144	1.4	18 144	1.5	149	1.9	12 872	1.1	76	2.8	1 996	3.0
Kalkaska	12	6.5	3 657	.6	39	4.1	917	6.3	21	5.5	239	7.7
Kent	128	1.9	6 120	1.5	356	1.4	27 633	1.1	189	2.0	2 769	3.2
Keweenaw	–	–	–	–	3	–	26	–	3	–	14	–
Lake	4	11.9	18	13.7	64	2.3	2 248	4.8	54	2.6	939	5.5
Lapeer	58	4.0	2 308	2.6	402	1.8	23 621	1.6	212	2.1	2 473	3.2
Leelanau	77	2.3	2 362	2.7	64	2.5	5 161	1.8	33	3.9	539	6.0
Lenawee	50	3.1	2 667	2.4	280	1.4	20 026	.9	103	2.5	1 116	3.0
Livingston	47	4.3	1 548	2.1	190	1.9	10 896	1.5	96	2.8	1 139	4.0
Luce	8	4.7	(D)	(D)	13	2.9	1 073	.6	13	2.9	433	.8
Mackinac	3	15.9	(D)	(D)	39	3.2	2 701	1.3	23	4.2	567	2.4
Macomb	93	2.5	1 996	1.4	93	2.8	3 289	2.5	50	4.0	577	4.9
Manistee	39	3.4	3 064	1.4	88	2.4	2 435	4.1	63	2.9	703	5.3
Marquette	4	14.5	29	17.0	43	3.2	2 556	1.7	32	4.0	568	3.0
Mason	54	3.5	3 251	1.8	147	2.3	9 025	2.2	63	3.6	693	5.3
Mecosta	34	3.7	6 822	1.3	297	1.4	15 760	1.3	153	1.9	2 563	2.5
Menominee	6	10.7	100	22.2	197	1.5	18 694	1.4	103	2.0	2 104	2.5
Midland	16	6.6	551	5.5	128	2.1	4 552	1.9	87	2.7	1 011	3.6
Missaukee	22	3.5	2 396	1.6	171	1.4	23 695	.8	63	3.0	1 013	3.1
Monroe	79	2.9	5 047	.9	170	2.3	5 529	2.5	57	3.7	484	4.6
Montcalm	104	2.0	45 345	.4	404	1.4	21 352	1.4	175	2.0	1 813	3.0
Montmorency	3	6.5	(D)	(D)	67	1.1	2 963	1.5	43	1.9	716	2.7
Muskegon	55	3.4	7 661	.5	130	2.1	13 741	1.2	61	3.4	563	5.5
Newaygo	51	3.3	4 319	2.3	341	1.3	22 412	1.2	156	1.9	1 635	2.8
Oakland	75	3.0	586	3.8	81	3.1	2 029	3.5	54	4.0	584	5.6
Oceana	46	3.4	3 238	3.1	160	2.1	11 592	2.3	76	3.2	928	4.2
Ogemaw	7	10.6	102	3.2	158	1.6	20 997	1.0	75	3.0	1 708	4.2
Ontonagon	–	–	–	–	49	2.5	3 193	2.5	34	3.4	1 092	3.7
Osceola	16	5.3	1 273	.9	303	1.5	20 059	1.4	181	1.9	3 968	2.7
Oscoda	5	13.5	10	20.7	52	2.6	2 388	4.0	24	4.3	593	7.0
Otsego	8	8.1	723	.3	43	2.7	2 548	3.4	21	4.1	589	5.4
Ottawa	323	1.6	14 811	.8	451	1.4	36 159	.9	184	2.0	2 421	2.6
Presque Isle	22	4.8	3 096	1.8	166	1.6	9 247	1.6	97	2.3	1 867	2.6
Roscommon	4	10.0	182	17.6	14	4.7	428	4.4	10	6.1	256	4.9
Saginaw	41	3.5	2 919	1.3	218	1.8	8 659	1.9	74	2.9	697	3.9
St. Clair	45	4.0	725	5.6	316	1.5	10 084	1.9	206	1.9	2 399	2.7
St. Joseph	224	1.8	91 191	.9	269	1.9	11 680	1.7	119	2.5	1 598	3.4
Sanilac	35	4.9	3 614	2.1	659	1.6	59 423	1.2	184	2.3	2 733	2.9
Schoolcraft	3	16.4	(D)	(D)	22	3.5	1 462	2.0	17	4.6	(D)	(D)
Shiawassee	19	5.7	993	3.9	270	1.8	13 691	1.5	109	2.8	1 105	4.1
Tuscola	44	3.2	9 315	2.6	368	1.4	19 247	1.3	185	1.9	2 060	2.3

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Irrigated land				Livestock and poultry							
	Farms		Acres		Cattle and calves inventory				Beef cows inventory			
					Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Van Buren	188	1.9	19 805	1.0	230	1.8	8 413	2.4	141	2.3	1 927	3.3
Washtenaw	83	2.9	4 715	1.4	270	1.5	17 654	1.3	100	2.6	1 317	3.3
Wayne	69	3.2	557	2.3	43	4.8	1 091	1.6	27	6.3	492	1.6
Wexford	14	6.6	254	6.7	89	2.1	3 602	2.1	50	3.1	622	3.4

Geographic area	Livestock and poultry—Con.											
	Milk cows inventory				Hogs and pigs inventory				Sheep and lambs inventory			
	Farms		Total		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Michigan	**3 990**	**1.3**	**300 641**	**.7**	**2 853**	**1.0**	**1 032 014**	**.4**	**1 628**	**1.0**	**72 107**	**1.5**
Alcona	15	4.6	728	4.5	9	7.1	129	15.5	11	6.0	236	10.2
Alger	9	7.6	491	8.2	6	9.2	35	16.7	2	16.5	(D)	(D)
Allegan	145	1.6	15 816	.7	134	1.9	121 752	.5	46	3.8	2 358	6.2
Alpena	41	2.6	2 551	2.1	24	4.3	519	11.5	24	4.3	437	7.1
Antrim	14	5.4	815	5.4	7	7.0	1 209	3.3	9	7.8	431	12.9
Arenac	25	2.9	2 379	1.7	13	5.9	1 207	11.5	3	11.1	(D)	(D)
Baraga	10	6.7	306	6.8	1	24.9	(D)	(D)	–	–	–	–
Barry	59	2.3	8 843	.6	43	3.6	18 864	1.0	37	4.0	2 096	8.4
Bay	16	4.1	1 325	1.8	12	7.1	554	9.2	6	10.1	(D)	(D)
Benzie	3	12.7	(D)	(D)	11	6.9	(D)	(D)	5	4.1	26	1.6
Berrien	25	4.9	1 350	2.0	64	3.3	20 364	1.6	17	6.4	345	9.0
Branch	82	3.0	3 996	1.6	114	2.5	61 982	1.0	44	4.3	1 444	6.5
Calhoun	75	2.7	4 987	1.7	94	2.8	41 965	1.1	50	4.0	1 593	6.9
Cass	26	5.1	1 164	5.9	106	2.2	172 740	.3	44	4.2	1 147	6.1
Charlevoix	13	5.0	773	2.9	6	12.1	20	15.0	7	10.6	81	12.3
Cheboygan	12	3.9	1 538	1.6	11	7.7	245	12.4	7	6.7	361	6.7
Chippewa	30	4.2	1 173	4.3	15	6.6	538	4.8	19	4.8	1 206	8.3
Clare	60	4.0	3 176	2.1	31	5.6	4 550	2.5	11	7.5	695	2.4
Clinton	113	1.9	16 151	.6	67	2.9	20 815	2.2	34	4.6	2 054	8.6
Crawford	–	–	–	–	5	13.3	21	20.8	4	14.3	(D)	(D)
Delta	35	4.0	1 933	3.4	15	6.0	230	11.1	5	13.3	37	18.7
Dickinson	10	4.3	626	4.0	6	8.4	120	16.4	3	10.6	11	11.6
Eaton	71	2.7	2 854	2.5	56	2.9	20 573	1.4	37	4.0	2 194	3.3
Emmet	17	3.8	1 113	2.3	13	7.1	577	14.1	7	9.6	268	14.4
Genesee	27	5.1	1 843	3.5	48	4.2	4 183	8.1	41	4.8	1 024	6.4
Gladwin	76	3.3	1 480	4.3	58	3.7	3 216	6.4	20	6.6	1 074	16.4
Gogebic	–	–	–	–	1	–	(D)	(D)	–	–	–	–
Grand Traverse	13	5.2	670	3.9	17	6.0	3 281	1.3	4	12.4	(D)	(D)
Gratiot	64	2.6	7 220	.9	42	4.0	19 325	1.4	20	6.3	411	8.0
Hillsdale	103	3.4	7 001	1.8	86	3.4	36 181	2.0	50	4.5	1 503	6.6
Houghton	13	4.7	530	3.8	5	11.9	17	14.5	5	11.2	116	16.5
Huron	188	2.7	13 275	1.6	69	2.7	80 889	.4	10	8.0	242	20.6
Ingham	80	2.6	6 097	1.4	40	4.2	6 769	4.4	48	3.9	2 105	4.5
Ionia	100	2.2	10 772	1.0	77	3.0	19 484	1.3	37	4.3	895	6.5
Iosco	25	4.3	1 728	2.8	11	8.9	172	12.4	19	6.5	567	9.2
Iron	5	9.8	126	12.3	6	9.2	59	11.7	3	8.3	(D)	(D)
Isabella	125	2.7	9 860	1.6	49	4.2	7 833	5.0	7	11.5	295	14.5
Jackson	47	3.0	3 936	1.6	71	3.2	9 393	4.0	51	4.1	1 982	7.6
Kalamazoo	17	3.8	3 157	1.4	53	2.9	50 323	1.0	42	3.5	7 204	4.0
Kalkaska	6	13.1	230	13.0	13	7.8	993	4.1	3	16.6	107	18.0
Kent	93	2.3	9 097	1.0	52	3.8	7 949	3.2	27	5.7	523	8.0
Keweenaw	–	–	–	–	–	–	–	–	–	–	–	–
Lake	9	8.1	269	7.1	14	5.9	491	9.2	6	8.6	774	16.4
Lapeer	101	3.2	5 879	2.3	60	3.9	4 354	10.2	50	4.2	1 488	7.1
Leelanau	12	5.1	508	5.1	5	9.9	54	12.1	2	17.9	(D)	(D)
Lenawee	57	2.4	5 441	1.3	70	2.7	13 273	1.4	57	3.3	1 725	3.3
Livingston	47	3.2	3 042	1.8	30	5.2	2 329	14.2	37	4.7	1 229	5.8
Luce	–	–	–	–	–	–	–	–	–	–	–	–
Mackinac	12	5.1	751	1.9	3	–	27	–	1	–	(D)	(D)
Macomb	16	6.4	892	3.4	18	6.5	(D)	(D)	16	7.8	272	12.0
Manistee	7	10.6	116	12.4	13	7.2	414	9.0	9	8.2	367	10.3
Marquette	6	7.0	772	2.2	10	8.0	159	14.1	2	21.9	(D)	(D)
Mason	46	4.0	2 838	3.1	28	4.9	951	4.0	11	8.9	899	26.1
Mecosta	117	2.3	5 257	1.7	62	3.3	11 612	2.7	19	5.8	1 416	17.9
Menominee	88	2.4	6 415	1.7	11	7.5	191	14.1	8	8.5	63	10.8
Midland	13	6.7	704	3.5	34	4.6	4 375	3.7	13	7.8	216	11.9
Missaukee	91	1.7	10 355	.8	17	5.5	2 590	1.3	13	7.1	340	8.5
Monroe	18	6.1	751	6.7	66	3.4	13 788	3.2	36	4.8	1 229	8.2
Montcalm	120	2.5	7 617	1.7	55	3.8	22 737	.8	16	7.6	571	7.8
Montmorency	13	3.1	683	2.6	8	5.6	(D)	(D)	4	6.8	28	3.9
Muskegon	41	3.4	6 677	1.0	25	5.0	6 202	7.5	6	11.2	53	18.7
Newaygo	127	2.3	8 868	1.3	45	3.7	9 690	2.7	17	5.7	1 103	9.0
Oakland	11	7.7	373	5.1	9	10.2	418	8.5	35	5.2	967	7.4
Oceana	48	3.9	3 360	2.6	30	5.1	2 380	7.5	11	8.7	89	9.3

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Livestock and poultry—Con.											
	Milk cows inventory				Hogs and pigs inventory				Sheep and lambs inventory			
	Farms		Total		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Ogemaw	58	2.5	5 714	1.3	10	8.0	219	11.3	9	9.3	283	15.7
Ontonagon	17	5.2	682	5.5	–	–	–	–	2	20.3	(D)	(D)
Osceola	85	2.8	5 956	1.8	40	4.4	808	17.7	30	4.8	1 084	13.5
Oscoda	18	5.5	539	6.8	4	12.1	(D)	(D)	13	6.3	610	15.3
Otsego	6	9.2	336	9.7	4	9.9	(D)	(D)	5	11.5	78	10.4
Ottawa	137	2.1	13 177	1.0	96	2.5	69 018	.8	35	4.5	713	8.2
Presque Isle	37	3.5	2 344	2.4	9	8.7	60	11.9	7	8.2	113	4.1
Roscommon	–	–	–	–	2	–	(D)	(D)	2	20.0	(D)	(D)
Saginaw	40	3.4	2 654	2.4	27	5.1	4 277	1.5	25	5.3	433	6.6
St. Clair	38	3.9	1 770	3.3	45	4.2	1 997	4.2	24	5.9	362	8.4
St. Joseph	76	3.5	3 710	1.3	94	2.9	38 684	1.9	51	3.7	3 009	8.2
Sanilac	310	2.0	22 294	1.1	74	3.6	10 339	4.9	22	6.2	567	10.4
Schoolcraft	4	6.7	(D)	(D)	3	14.2	11	15.8	1	30.0	(D)	(D)
Shiawassee	63	3.0	4 555	1.8	70	3.4	2 792	6.3	34	4.9	1 041	6.4
Tuscola	84	2.6	6 015	1.6	55	3.5	10 044	3.0	25	5.1	941	4.7
Van Buren	38	4.0	1 997	3.1	60	3.1	29 477	1.2	22	5.4	1 344	11.9
Washtenaw	64	2.4	4 985	1.5	60	3.1	21 881	2.4	115	2.5	11 315	3.4
Wayne	7	10.1	105	1.9	11	8.8	648	5.7	14	7.9	521	3.6
Wexford	20	4.5	857	3.9	15	6.4	107	9.2	4	11.7	120	20.0

Geographic area	Livestock and poultry—Con.							
	Layers 20 weeks old and older inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Michigan	**2 205**	**.9**	**4 928 067**	**(L)**	**336**	**1.7**	**393 028**	**5.6**
Alcona	11	6.3	317	4.0	–	–	–	–
Alger	4	11.3	75	8.2	–	–	–	–
Allegan	52	3.6	1 374 525	(L)	10	8.1	795	10.2
Alpena	34	3.7	941	5.2	2	18.3	(D)	(D)
Antrim	18	5.5	318	8.6	5	11.8	155	13.6
Arenac	8	8.2	167	12.5	–	–	–	–
Baraga	1	28.7	(D)	(D)	–	–	–	–
Barry	62	2.9	1 505	6.2	1	23.5	(D)	(D)
Bay	20	5.1	633	7.3	1	27.8	(D)	(D)
Benzie	13	3.6	248	4.7	–	–	–	–
Berrien	40	4.2	674	6.2	4	13.6	(D)	(D)
Branch	34	4.9	671	6.0	4	13.8	(D)	(D)
Calhoun	44	4.3	1 740	10.6	9	10.2	539	10.8
Cass	37	4.5	866	5.6	3	15.8	(D)	(D)
Charlevoix	21	5.6	1 051	13.0	1	27.2	(D)	(D)
Cheboygan	14	6.9	374	7.2	2	14.5	(D)	(D)
Chippewa	13	8.0	295	10.8	1	23.5	(D)	(D)
Clare	35	5.5	1 066	6.7	4	15.0	240	19.1
Clinton	22	4.9	653	5.2	4	14.5	212	19.1
Crawford	3	12.0	(D)	(D)	–	–	–	–
Delta	18	6.6	633	7.8	5	10.4	355	13.0
Dickinson	11	6.8	291	7.0	–	–	–	–
Eaton	49	3.4	3 589	3.6	5	10.1	(D)	(D)
Emmet	24	5.2	511	8.0	4	11.5	452	16.3
Genesee	37	5.0	670	6.2	7	11.7	901	16.1
Gladwin	55	3.9	2 002	5.4	12	8.9	2 953	12.5
Gogebic	1	–	(D)	(D)	–	–	–	–
Grand Traverse	16	5.5	663	6.9	–	–	–	–
Gratiot	26	5.0	(D)	(D)	4	14.3	295	15.4
Hillsdale	63	3.9	(D)	(D)	10	10.1	1 158	13.2
Houghton	18	6.1	(D)	(D)	3	15.0	44	17.6
Huron	18	5.8	500 930	(L)	3	17.7	(D)	(D)
Ingham	41	4.4	2 317	2.3	5	13.1	156	16.0
Ionia	23	5.9	(D)	(D)	4	13.9	655	17.6
Iosco	18	6.8	555	9.8	–	–	–	–
Iron	5	10.2	201	15.5	1	29.4	(D)	(D)
Isabella	33	5.3	703	7.7	3	17.3	470	12.1
Jackson	57	3.5	1 272	4.2	7	11.4	(D)	(D)
Kalamazoo	33	4.2	291 315	(L)	5	10.0	375	22.0
Kalkaska	12	7.7	319	11.1	2	23.3	(D)	(D)
Kent	32	4.9	844	8.8	5	12.0	283	15.3
Keweenaw	–	–	–	–	–	–	–	–
Lake	8	8.2	359	14.2	–	–	–	–
Lapeer	73	3.3	1 787	5.0	14	8.2	(D)	(D)
Leelanau	14	5.1	795	9.6	1	24.2	(D)	(D)
Lenawee	45	3.8	6 980	1.7	5	12.6	870	17.2
Livingston	45	4.4	1 029	6.3	8	10.3	997	16.2
Luce	–	–	–	–	–	–	–	–
Mackinac	6	5.8	524	3.3	–	–	–	–

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Livestock and poultry—Con.							
	Layers 20 weeks old and older inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Macomb	23	5.8	1 042	7.0	2	21.4	(D)	(D)
Manistee	16	6.1	309	7.9	1	25.1	(D)	(D)
Marquette	7	10.5	420	9.4	1	35.0	(D)	(D)
Mason	22	6.2	575	8.0	3	17.4	(D)	(D)
Mecosta	40	3.9	1 644	6.8	8	9.8	2 428	16.4
Menominee	21	5.1	436	5.4	1	28.0	(D)	(D)
Midland	26	5.6	1 050	8.8	4	13.8	775	15.2
Missaukee	8	8.8	286	14.6	3	15.8	(D)	(D)
Monroe	51	3.9	2 974	7.9	14	7.8	1 453	15.3
Montcalm	42	4.3	1 363	5.5	7	12.7	604	16.6
Montmorency	7	3.9	164	3.2	1	19.6	(D)	(D)
Muskegon	21	6.3	712	10.6	4	12.6	192	12.8
Newaygo	40	3.9	914	5.3	5	12.8	(D)	(D)
Oakland	33	5.3	691	7.0	3	14.3	123	14.8
Oceana	19	6.8	449	8.9	8	9.0	1 986	20.4
Ogemaw	14	8.2	234	9.5	2	22.6	(D)	(D)
Ontonagon	2	19.9	(D)	(D)	–	–	–	–
Osceola	33	5.0	1 075	7.2	2	26.2	(D)	(D)
Oscoda	13	7.4	556	13.0	5	12.6	456	17.5
Otsego	8	9.4	1 057	24.5	2	23.4	(D)	(D)
Ottawa	43	3.4	1 671 021	(L)	20	6.0	9 166	2.0
Presque Isle	22	5.6	755	6.8	4	14.3	(D)	(D)
Roscommon	4	10.0	97	10.3	–	–	–	–
Saginaw	36	4.2	723	5.6	6	11.8	1 790	14.8
St. Clair	64	3.4	2 442	5.7	10	8.6	2 474	15.4
St. Joseph	48	4.0	1 532	5.9	5	13.6	(D)	(D)
Sanilac	50	4.5	1 874	12.8	11	10.9	919	13.4
Schoolcraft	3	17.3	71	17.6	–	–	–	–
Shiawassee	45	4.3	2 947	10.3	12	8.8	1 640	9.8
Tuscola	50	3.8	(D)	(D)	10	7.6	2 092	13.7
Van Buren	45	3.8	(D)	(D)	3	16.1	(D)	(D)
Washtenaw	59	3.4	1 745	4.9	12	6.6	1 955	9.7
Wayne	16	8.9	729	12.2	1	43.8	(D)	(D)
Wexford	7	9.5	260	11.8	2	16.2	(D)	(D)

Geographic area	Selected crops harvested											
	Corn for grain or seed						Wheat for grain					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Michigan	**16 712**	**1.3**	**2 122 283**	**.8**	**238 319 129**	**.7**	**8 976**	**1.4**	**499 742**	**1.0**	**28 432 159**	**.9**
Alcona	24	3.8	1 237	2.9	74 183	3.5	15	5.5	595	7.2	26 340	8.0
Alger	–	–	–	–	–	–	1	24.9	(D)	(D)	(D)	(D)
Allegan	490	1.2	71 499	.7	7 864 562	.7	190	1.6	10 185	1.0	645 327	1.0
Alpena	59	2.2	5 735	1.4	461 617	1.2	42	3.0	2 160	2.0	90 999	2.2
Antrim	37	3.0	1 843	2.6	159 829	2.3	7	7.1	117	7.7	4 085	7.5
Arenac	121	1.8	14 348	1.6	1 650 694	1.6	93	2.1	5 430	1.7	334 443	1.5
Baraga	–	–	–	–	–	–	–	–	–	–	–	–
Barry	261	1.4	29 410	1.3	2 873 526	1.3	118	2.1	8 503	1.6	470 784	1.6
Bay	374	1.3	44 992	.9	5 832 241	.9	184	1.7	6 489	1.9	432 136	1.8
Benzie	32	2.9	1 383	1.7	96 529	1.6	2	19.1	(D)	(D)	(D)	(D)
Berrien	291	1.8	43 846	1.2	5 012 867	1.2	98	2.6	4 945	2.0	250 823	2.1
Branch	501	1.7	83 638	1.1	9 823 560	1.1	192	2.2	7 674	2.0	381 062	1.9
Calhoun	533	1.5	71 687	1.3	6 883 919	1.2	256	1.9	13 675	2.2	638 998	1.9
Cass	352	1.5	63 940	1.1	6 785 517	1.0	98	2.3	4 565	1.7	233 719	1.8
Charlevoix	34	3.7	1 812	5.1	121 579	3.8	6	5.1	171	4.4	5 758	3.4
Cheboygan	15	5.5	482	3.4	38 333	3.1	9	7.9	138	9.2	3 962	9.4
Chippewa	1	31.7	(D)	(D)	(D)	(D)	2	11.8	(D)	(D)	(D)	(D)
Clare	57	3.9	3 509	2.0	350 065	1.7	42	4.0	1 250	4.9	61 844	5.2
Clinton	545	1.5	57 880	1.0	6 801 104	1.0	420	1.6	20 203	1.3	1 210 421	1.3
Crawford	3	15.7	33	21.4	1 950	21.8	1	–	(D)	(D)	(D)	(D)
Delta	32	4.3	2 152	4.6	170 250	4.4	5	7.1	891	3.9	29 134	4.8
Dickinson	10	5.9	398	3.7	32 691	4.1	–	–	–	–	–	–
Eaton	447	1.2	62 224	.8	7 066 301	.8	264	1.4	22 315	1.0	1 304 944	1.0
Emmet	35	4.4	1 209	6.3	82 815	5.1	5	10.9	38	11.0	1 347	9.5
Genesee	190	2.0	27 126	1.0	2 753 644	1.0	134	2.4	7 648	1.6	421 823	1.6
Gladwin	142	2.4	7 222	3.2	712 171	3.7	64	3.5	2 859	3.3	136 749	4.4
Gogebic	–	–	–	–	–	–	–	–	–	–	–	–
Grand Traverse	81	2.2	7 039	1.7	561 091	2.0	43	2.9	1 876	2.3	69 771	2.1
Gratiot	494	2.0	76 573	1.2	9 491 547	1.1	228	2.4	11 907	2.3	754 464	2.1
Hillsdale	490	2.4	67 985	1.7	7 580 871	1.6	273	2.7	14 179	2.0	771 233	1.8
Houghton	4	10.8	43	11.4	(D)	(D)	–	–	–	–	–	–
Huron	699	2.3	109 087	1.2	13 655 552	1.1	491	2.5	30 967	1.7	2 058 462	1.7
Ingham	296	1.6	49 310	.9	5 403 825	.9	213	1.8	18 481	1.1	1 056 354	1.1
Ionia	521	1.4	63 232	1.0	7 370 009	.9	324	1.7	20 852	1.2	1 161 818	1.3

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested											
	Corn for grain or seed						Wheat for grain					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Iosco	49	3.1	2 837	4.1	260 653	3.9	22	4.5	905	5.5	60 386	5.8
Iron	1	22.9	(D)	(D)	(D)	(D)	2	–	(D)	(D)	(D)	(D)
Isabella	381	2.1	42 012	1.6	4 320 231	1.6	228	2.4	11 156	2.3	573 483	2.3
Jackson	440	1.5	53 883	1.3	5 202 067	1.3	193	2.2	9 598	1.7	464 683	1.8
Kalamazoo	272	1.4	49 764	1.0	5 375 459	.8	106	2.0	7 422	1.5	364 480	1.5
Kalkaska	23	4.9	1 099	3.6	103 904	3.0	4	10.5	(D)	(D)	(D)	(D)
Kent	373	1.4	42 188	1.0	4 550 863	1.0	155	1.9	6 918	1.6	361 368	1.5
Keweenaw	–	–	–	–	–	–	–	–	–	–	–	–
Lake	16	6.1	319	4.4	22 870	4.3	5	10.8	68	11.7	3 850	13.0
Lapeer	316	2.2	40 124	1.4	4 256 713	1.3	191	2.5	7 929	2.5	419 911	2.5
Leelanau	47	2.8	3 826	2.9	349 863	2.8	12	4.1	275	4.2	8 476	3.9
Lenawee	631	1.1	92 720	.8	11 718 484	.8	484	1.3	35 396	1.0	2 308 403	1.0
Livingston	164	2.0	23 948	1.6	2 430 321	1.5	99	2.5	6 184	1.5	292 915	1.7
Luce	4	–	41	–	4 270	–	–	–	–	–	–	–
Mackinac	1	–	(D)	(D)	(D)	(D)	6	9.3	77	6.0	3 096	4.0
Macomb	127	2.3	11 379	2.2	1 241 058	2.2	114	2.6	4 342	3.1	222 756	3.2
Manistee	50	3.4	1 519	7.0	117 319	8.3	5	10.9	500	3.3	20 060	3.3
Marquette	1	–	(D)	(D)	(D)	(D)	1	–	(D)	(D)	(D)	(D)
Mason	123	2.5	10 058	2.2	943 540	2.1	96	2.9	4 284	2.7	222 836	2.5
Mecosta	181	1.8	12 061	2.1	1 105 855	1.8	58	3.1	1 409	3.6	61 037	3.4
Menominee	74	2.5	6 763	1.8	544 167	1.8	2	18.0	(D)	(D)	(D)	(D)
Midland	173	1.8	20 477	1.5	2 249 613	1.5	52	3.4	1 899	4.6	117 079	5.3
Missaukee	72	1.8	6 418	1.1	643 890	1.1	27	3.4	771	3.6	42 958	3.2
Monroe	489	1.8	59 851	1.3	7 843 209	1.3	408	1.9	25 646	1.6	1 630 969	1.5
Montcalm	419	1.6	52 909	1.1	5 920 893	1.1	160	2.3	14 383	1.5	678 115	1.4
Montmorency	13	3.1	1 569	4.5	151 095	4.9	15	3.1	710	7.4	32 061	9.3
Muskegon	128	2.2	14 635	1.8	1 500 850	1.7	41	3.8	1 893	4.3	97 580	4.9
Newaygo	259	1.6	22 778	1.4	2 354 588	1.3	73	2.7	1 802	3.3	83 684	3.5
Oakland	54	3.5	7 073	2.5	654 155	2.5	32	3.9	2 500	2.4	112 663	2.9
Oceana	171	2.0	10 646	1.9	941 491	1.9	58	3.1	1 840	2.8	90 093	3.0
Ogemaw	79	2.4	6 706	1.2	680 743	1.2	27	4.1	1 570	3.9	99 852	3.7
Ontonagon	–	–	–	–	–	–	1	–	(D)	(D)	(D)	(D)
Osceola	74	2.9	4 111	1.4	389 483	1.3	21	4.9	497	3.7	23 135	2.7
Oscoda	8	9.9	388	7.0	27 615	6.3	2	20.8	(D)	(D)	(D)	(D)
Otsego	19	5.1	563	10.3	37 327	11.0	13	5.3	289	5.1	8 695	5.0
Ottawa	410	1.7	42 224	1.1	4 862 900	1.0	199	2.0	6 118	1.6	318 173	1.6
Presque Isle	76	2.4	4 985	2.5	417 090	2.6	32	3.6	1 611	2.8	58 179	2.5
Roscommon	–	–	–	–	–	–	–	–	–	–	–	–
Saginaw	671	1.4	82 406	.9	9 886 948	.9	375	1.5	17 280	1.5	1 093 064	1.6
St. Clair	242	1.8	18 226	1.8	1 881 850	1.8	231	1.8	11 136	1.5	568 561	1.4
St. Joseph	479	1.6	94 519	.9	11 840 274	.8	72	3.3	2 402	3.5	119 090	3.3
Sanilac	669	1.7	90 245	1.0	10 394 096	.9	472	1.8	31 433	1.3	1 808 861	1.3
Schoolcraft	4	10.7	214	8.0	21 740	8.3	2	13.3	(D)	(D)	(D)	(D)
Shiawassee	426	1.7	45 943	1.5	4 846 427	1.4	356	1.9	21 835	1.8	1 188 692	1.8
Tuscola	591	1.4	78 793	.9	9 505 971	.9	276	1.7	16 831	1.3	1 120 706	1.3
Van Buren	229	1.9	34 695	1.4	3 197 253	1.4	50	3.2	2 539	3.8	130 130	3.8
Washtenaw	429	1.3	47 511	1.2	4 951 383	1.2	339	1.5	17 399	1.3	947 230	1.3
Wayne	49	3.5	6 258	1.1	623 444	.8	32	4.0	1 606	1.6	72 113	1.6
Wexford	34	3.5	2 632	1.9	224 342	2.1	7	9.2	69	11.1	2 433	11.2

Geographic area	Selected crops harvested—Con.											
	Soybeans for beans						Dry edible beans					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Hundredweight	Relative standard error of estimate (percent)
Michigan	**12 561**	**1.3**	**1 694 872**	**1.0**	**62 242 411**	**.9**	**2 172**	**1.6**	**302 767**	**.9**	**4 878 076**	**.9**
Alcona	5	8.7	215	5.8	4 440	6.8	13	6.2	1 107	7.6	13 628	8.6
Alger	1	24.9	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Allegan	235	1.5	33 913	1.2	1 323 641	1.0	1	–	(D)	(D)	(D)	(D)
Alpena	6	7.1	339	6.3	6 063	4.8	17	3.5	3 679	2.3	37 727	1.7
Antrim	–	–	–	–	–	–	1	20.4	(D)	(D)	(D)	(D)
Arenac	98	2.1	8 408	2.5	293 071	2.8	67	2.5	8 663	2.0	134 784	1.9
Baraga	–	–	–	–	–	–	–	–	–	–	–	–
Barry	157	1.8	20 905	1.6	747 937	1.7	1	28.0	(D)	(D)	(D)	(D)
Bay	397	1.3	35 768	1.3	1 405 659	1.4	266	1.5	33 331	1.0	560 713	1.0
Benzie	–	–	–	–	–	–	–	–	–	–	–	–
Berrien	303	1.7	41 765	1.3	1 582 827	1.3	–	–	–	–	–	–
Branch	391	1.7	52 500	1.4	2 126 596	1.3	3	15.3	215	8.3	2 700	9.3
Calhoun	459	1.6	48 722	1.4	1 837 575	1.4	2	12.6	(D)	(D)	(D)	(D)
Cass	288	1.6	37 699	1.5	1 391 697	1.4	–	–	–	–	–	–
Charlevoix	–	–	–	–	–	–	–	–	–	–	–	–
Cheboygan	1	29.0	(D)	(D)	(D)	(D)	2	12.1	(D)	(D)	(D)	(D)
Chippewa	–	–	–	–	–	–	–	–	–	–	–	–
Clare	11	7.0	460	5.8	12 215	3.1	1	31.6	(D)	(D)	(D)	(D)
Clinton	601	1.5	70 045	1.3	2 614 109	1.3	13	5.9	1 221	3.3	17 114	3.3

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested—Con.											
	Soybeans for beans						Dry edible beans					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Hundredweight	Relative standard error of estimate (percent)
Crawford	–	–	–	–	–	–	–	–	–	–	–	–
Delta	3	8.4	590	9.4	13 520	12.0	6	10.7	1 062	8.7	11 290	8.3
Dickinson	–	–	–	–	–	–	–	–	–	–	–	–
Eaton	380	1.2	55 355	.9	2 073 950	.9	19	4.0	1 473	3.4	16 050	3.0
Emmet	–	–	–	–	–	–	–	–	–	–	–	–
Genesee	212	1.9	32 355	1.5	1 021 645	1.4	7	8.0	861	5.5	11 260	5.5
Gladwin	24	5.4	1 415	5.8	44 839	5.9	17	5.9	1 761	4.5	25 726	5.0
Gogebic	–	–	–	–	–	–	–	–	–	–	–	–
Grand Traverse	9	6.0	338	6.0	6 852	6.5	3	11.6	(D)	(D)	(D)	(D)
Gratiot	494	1.9	77 248	1.6	2 947 133	1.5	137	2.4	20 712	1.1	311 063	1.0
Hillsdale	461	2.4	62 120	1.9	2 384 960	1.9	–	–	–	–	–	–
Houghton	–	–	–	–	–	–	2	17.2	(D)	(D)	(D)	(D)
Huron	356	2.5	35 377	1.7	1 225 714	1.5	577	2.3	91 450	1.4	1 539 326	1.4
Ingham	305	1.6	48 705	1.2	1 755 431	1.1	4	9.1	(D)	(D)	(D)	(D)
Ionia	375	1.6	49 949	1.2	1 988 723	1.2	7	9.6	1 021	3.1	14 523	3.5
Iosco	17	6.3	801	10.1	26 776	11.8	1	24.7	(D)	(D)	(D)	(D)
Iron	–	–	–	–	–	–	–	–	–	–	–	–
Isabella	289	2.2	32 446	1.9	1 122 410	2.0	74	3.6	7 920	2.8	109 863	3.5
Jackson	231	2.0	26 859	1.7	930 885	1.7	1	27.0	(D)	(D)	(D)	(D)
Kalamazoo	229	1.5	32 025	1.3	1 208 891	1.2	4	6.0	484	2.7	6 026	2.6
Kalkaska	–	–	–	–	–	–	2	14.0	(D)	(D)	(D)	(D)
Kent	123	2.1	14 120	1.6	526 560	1.6	17	5.6	2 876	2.3	50 270	2.2
Keweenaw	–	–	–	–	–	–	–	–	–	–	–	–
Lake	–	–	–	–	–	–	–	–	–	–	–	–
Lapeer	207	2.4	28 400	2.0	940 492	1.9	20	5.3	2 863	2.5	87 742	1.2
Leelanau	–	–	–	–	–	–	–	–	–	–	–	–
Lenawee	692	1.1	124 489	.9	5 141 670	.9	4	11.8	217	4.9	3 916	4.9
Livingston	112	2.3	13 693	2.1	504 644	2.0	1	–	(D)	(D)	(D)	(D)
Luce	–	–	–	–	–	–	–	–	–	–	–	–
Mackinac	1	–	(D)	(D)	(D)	(D)	1	–	(D)	(D)	(D)	(D)
Macomb	172	2.0	23 844	2.4	808 061	2.4	–	–	–	–	–	–
Manistee	1	28.7	(D)	(D)	(D)	(D)	4	6.8	956	2.8	15 895	2.0
Marquette	2	17.5	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Mason	22	6.2	1 090	6.6	36 515	7.2	2	15.3	(D)	(D)	(D)	(D)
Mecosta	4	6.3	152	19.9	(D)	(D)	14	5.6	2 406	5.7	38 395	6.4
Menominee	4	9.7	104	6.2	3 120	5.4	1	27.5	(D)	(D)	(D)	(D)
Midland	152	2.0	16 244	2.2	619 812	2.2	40	3.6	4 892	2.4	82 263	2.3
Missaukee	1	–	(D)	(D)	(D)	(D)	3	9.4	(D)	(D)	(D)	(D)
Monroe	639	1.6	91 890	1.4	3 563 077	1.4	4	10.7	300	3.4	3 884	5.3
Montcalm	118	2.6	14 081	2.6	496 302	2.3	119	2.4	17 675	1.6	273 964	1.5
Montmorency	5	6.5	111	7.2	3 460	7.8	5	7.4	471	7.8	4 870	9.3
Muskegon	23	5.3	3 453	2.9	112 720	2.9	–	–	–	–	–	–
Newaygo	33	4.3	1 604	4.6	52 597	4.6	2	17.9	(D)	(D)	(D)	(D)
Oakland	25	4.8	4 432	3.6	138 161	4.1	1	21.2	(D)	(D)	(D)	(D)
Oceana	14	6.8	803	7.4	20 162	8.5	4	12.9	255	8.9	(D)	(D)
Ogemaw	4	12.5	308	18.2	3 800	12.9	–	–	–	–	–	–
Ontonagon	–	–	–	–	–	–	–	–	–	–	–	–
Osceola	2	14.2	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Oscoda	–	–	–	–	–	–	–	–	–	–	–	–
Otsego	3	13.6	19	15.4	155	15.1	1	–	(D)	(D)	(D)	(D)
Ottawa	132	2.4	9 232	1.9	369 525	1.9	2	14.2	(D)	(D)	(D)	(D)
Presque Isle	8	5.7	653	4.4	19 357	3.5	28	4.1	2 737	3.6	30 688	3.6
Roscommon	–	–	–	–	–	–	–	–	–	–	–	–
Saginaw	777	1.3	110 723	1.1	3 836 000	1.0	153	2.0	15 606	1.4	266 520	1.3
St. Clair	386	1.5	64 317	1.4	2 117 505	1.5	7	8.3	1 094	1.1	(D)	(D)
St. Joseph	345	1.7	47 485	1.4	1 912 228	1.4	1	–	(D)	(D)	(D)	(D)
Sanilac	638	1.7	103 213	1.3	3 666 136	1.2	176	2.5	19 103	1.8	286 008	1.8
Schoolcraft	3	8.9	(D)	(D)	6 455	1.9	1	–	(D)	(D)	(D)	(D)
Shiawassee	535	1.6	81 564	1.5	2 578 669	1.5	7	10.1	145	11.5	2 171	11.9
Tuscola	475	1.5	57 939	1.2	2 138 823	1.2	305	1.7	54 397	1.0	868 803	1.0
Van Buren	154	2.2	24 702	2.0	811 635	1.8	1	26.8	(D)	(D)	(D)	(D)
Washtenaw	353	1.4	38 716	1.2	1 389 030	1.2	–	–	–	–	–	–
Wayne	57	3.5	10 498	2.1	313 781	1.4	–	–	–	–	–	–
Wexford	1	28.4	(D)	(D)	(D)	(D)	–	–	–	–	–	–

Geographic area	Selected crops harvested—Con.									
	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)						Vegetables harvested for sale (see text)			
	Farms		Acres		Quantity		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Michigan	**20 858**	**.9**	**1 264 350**	**.9**	**2 830 915**	**.9**	**2 498**	**1.0**	**128 349**	**.5**
Alcona	155	1.0	13 757	1.6	24 116	1.7	5	10.7	24	14.8
Alger	45	2.4	5 744	4.2	8 345	4.1	5	12.0	7	12.5
Allegan	590	1.1	32 306	1.0	82 285	1.1	86	2.5	6 982	1.3
Alpena	290	.8	21 386	1.4	38 426	1.3	18	5.1	133	5.4

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested—Con.									
	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)						Vegetables harvested for sale (see text)			
	Farms		Acres		Quantity		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Antrim	133	1.4	9 979	1.7	17 502	2.0	20	4.6	174	6.3
Arenac	121	1.9	9 751	2.0	20 428	2.3	27	4.0	1 857	2.7
Baraga	44	2.0	5 001	5.4	6 763	5.0	2	12.5	(D)	(D)
Barry	461	1.0	27 239	1.3	73 242	1.4	19	6.0	128	10.7
Bay	140	1.8	5 930	1.5	15 690	1.8	67	2.5	2 559	2.0
Benzie	53	2.1	1 704	3.5	2 569	3.0	6	7.1	82	8.3
Berrien	241	1.8	7 403	2.2	21 074	2.6	185	2.0	5 903	1.2
Branch	387	1.6	11 855	1.6	32 200	1.7	30	4.5	1 305	3.2
Calhoun	474	1.3	17 979	1.6	44 728	1.6	24	5.9	447	8.2
Cass	327	1.4	12 210	1.9	27 160	2.2	38	4.1	1 222	2.9
Charlevoix	126	1.4	8 396	2.4	15 100	2.7	7	10.0	111	13.9
Cheboygan	151	1.2	13 631	1.5	21 675	1.4	9	7.9	25	9.0
Chippewa	273	.9	43 590	1.5	48 743	1.6	2	21.4	(D)	(D)
Clare	248	1.6	18 077	2.1	35 017	1.8	3	19.1	19	19.0
Clinton	460	1.4	24 176	1.1	75 406	.9	32	4.4	582	4.3
Crawford	13	6.5	291	9.7	364	9.5	3	15.7	23	20.5
Delta	188	1.3	20 473	2.0	33 311	1.9	13	7.4	78	9.0
Dickinson	78	1.8	5 866	2.4	10 594	2.5	4	10.7	(D)	(D)
Eaton	456	1.1	15 887	1.5	42 155	1.7	30	4.0	727	5.3
Emmet	134	1.6	11 712	2.2	18 176	2.5	17	6.4	197	8.2
Genesee	365	1.4	12 565	2.2	27 010	2.7	53	4.0	631	5.9
Gladwin	295	1.4	15 667	2.7	28 027	3.3	14	7.6	96	22.9
Gogebic	32	2.6	1 136	4.8	1 561	5.9	2	–	(D)	(D)
Grand Traverse	161	1.5	9 832	1.5	19 222	1.7	40	3.0	1 537	1.9
Gratiot	260	1.9	13 640	1.9	36 937	1.7	37	3.3	4 522	1.5
Hillsdale	443	2.1	19 977	2.2	57 829	2.2	15	7.2	85	10.3
Houghton	84	1.8	7 630	2.5	11 036	2.6	14	6.0	46	7.0
Huron	445	2.4	25 601	2.0	69 902	2.1	10	8.4	35	16.9
Ingham	396	1.3	18 466	1.4	50 741	1.6	24	5.7	457	6.1
Ionia	488	1.3	27 609	1.2	77 753	1.3	18	6.3	527	5.7
Iosco	153	1.5	11 841	2.2	23 606	2.5	4	15.6	17	17.4
Iron	57	1.7	6 081	3.0	9 699	2.8	3	13.5	12	16.1
Isabella	508	1.6	38 157	1.7	94 320	1.8	14	5.8	1 941	.6
Jackson	504	1.3	22 544	1.7	55 752	1.7	39	4.5	1 086	4.1
Kalamazoo	260	1.3	10 797	2.3	27 096	2.3	49	3.2	1 728	5.6
Kalkaska	56	3.1	3 361	4.6	4 328	5.4	9	8.5	691	.6
Kent	553	1.1	30 713	1.3	78 350	1.2	80	2.7	3 747	1.2
Keweenaw	5	–	45	–	51	–	–	–	–	–
Lake	85	1.7	6 848	3.4	12 387	3.1	2	8.3	(D)	(D)
Lapeer	585	1.5	30 884	1.9	75 668	2.0	53	3.9	3 041	1.8
Leelanau	104	1.7	5 595	2.1	10 768	2.4	18	4.8	273	3.1
Lenawee	343	1.4	13 047	1.5	37 800	1.6	42	3.3	4 135	1.1
Livingston	311	1.4	15 683	1.7	36 663	1.7	37	4.4	1 569	1.0
Luce	18	2.8	2 734	1.6	4 661	1.0	1	–	(D)	(D)
Mackinac	53	1.9	7 945	2.3	9 802	1.4	4	8.7	23	1.0
Macomb	125	2.5	4 853	3.4	11 220	3.8	83	2.9	3 524	1.8
Manistee	145	1.6	6 458	3.0	9 800	3.7	25	4.3	945	2.8
Marquette	52	2.7	5 617	2.7	10 055	3.0	4	16.1	18	18.6
Mason	199	1.8	12 975	2.3	27 507	2.5	81	3.0	5 470	2.3
Mecosta	408	1.1	32 852	1.7	65 233	2.1	33	4.5	1 637	2.2
Menominee	247	1.2	31 999	1.6	65 061	1.5	13	6.8	40	12.1
Midland	164	1.8	5 980	2.9	10 960	3.2	17	6.4	178	4.2
Missaukee	233	1.0	33 692	1.1	73 135	1.0	5	10.1	25	13.8
Monroe	205	2.1	4 008	3.1	12 263	4.4	72	3.2	2 964	1.3
Montcalm	537	1.2	28 816	1.5	66 365	1.6	48	3.2	5 240	.6
Montmorency	72	1.1	5 677	1.4	10 393	1.5	5	6.6	11	4.7
Muskegon	205	1.6	13 198	1.5	32 999	1.9	44	4.0	3 098	2.3
Newaygo	439	1.1	29 786	1.5	67 821	1.8	46	3.2	4 988	2.4
Oakland	164	2.1	8 293	3.2	17 371	3.5	21	5.9	503	3.4
Oceana	258	1.6	13 665	1.9	31 707	1.9	191	1.9	14 607	1.1
Ogemaw	211	1.1	25 035	1.5	53 911	1.6	1	38.7	(D)	(D)
Ontonagon	81	1.3	10 760	2.3	19 443	2.6	–	–	–	–
Osceola	384	1.2	41 531	1.5	76 871	1.7	2	25.4	(D)	(D)
Oscoda	60	1.9	4 225	4.0	6 822	3.9	6	10.6	14	14.6
Otsego	89	1.6	9 656	2.0	13 166	2.4	4	15.6	(D)	(D)
Ottawa	535	1.3	29 015	1.3	71 942	1.5	103	2.7	3 362	2.0
Presque Isle	223	1.2	18 869	1.4	35 075	1.5	10	7.8	89	6.1
Roscommon	20	3.1	1 689	3.0	2 417	4.5	1	–	(D)	(D)
Saginaw	265	1.7	8 073	2.3	23 815	2.3	44	3.8	3 125	4.1
St. Clair	462	1.2	20 088	2.0	41 743	2.4	43	4.3	827	4.3
St. Joseph	335	1.7	11 425	2.0	27 689	2.2	68	2.4	9 763	.9
Sanilac	744	1.5	54 697	1.3	154 177	1.3	28	6.0	1 238	1.0
Schoolcraft	30	2.9	3 801	1.4	5 815	1.9	4	10.7	18	4.2
Shiawassee	362	1.5	16 172	1.7	39 063	1.7	22	5.9	87	8.2
Tuscola	443	1.3	21 020	1.5	55 655	1.6	36	4.1	2 474	2.6
Van Buren	312	1.5	12 456	2.6	31 733	3.3	104	2.5	12 069	.7
Washtenaw	496	1.1	22 311	1.4	62 206	1.5	56	3.3	2 229	1.7
Wayne	54	3.7	2 053	3.2	4 142	5.3	38	5.0	887	5.3
Wexford	147	1.4	10 864	1.9	17 302	1.8	6	10.1	15	13.2

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested–Con.			
	Land in orchards			
	Farms		Acres	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Michigan	**2 863**	**.9**	**139 607**	**.8**
Alcona	5	10.1	17	15.0
Alger	4	15.7	9	20.3
Allegan	97	2.6	4 314	2.1
Alpena	19	5.0	95	6.6
Antrim	63	2.4	4 587	1.3
Arenac	4	14.0	31	18.3
Baraga	5	14.0	33	19.7
Barry	17	5.7	43	8.5
Bay	11	6.6	35	7.7
Benzie	47	2.2	3 205	1.9
Berrien	479	1.4	19 768	1.5
Branch	14	8.2	193	15.1
Calhoun	12	8.4	98	13.5
Cass	36	4.2	2 246	2.5
Charlevoix	15	6.6	797	11.3
Cheboygan	3	14.5	(D)	(D)
Chippewa	7	9.6	15	10.4
Clare	7	12.6	21	15.6
Clinton	30	5.2	391	8.2
Crawford	1	–	(D)	(D)
Delta	18	6.1	90	20.3
Dickinson	5	11.7	39	12.8
Eaton	22	5.4	145	6.4
Emmet	11	8.7	47	15.6
Genesee	34	5.1	391	8.2
Gladwin	6	13.2	15	17.4
Gogebic	–	–	–	–
Grand Traverse	154	1.5	8 682	1.5
Gratiot	7	9.6	173	2.1
Hillsdale	13	8.3	260	12.3
Houghton	6	12.3	9	14.0
Huron	7	13.3	36	15.6
Ingham	21	6.0	302	1.7
Ionia	34	4.5	1 518	4.7
Iosco	11	7.6	48	8.9
Iron	8	7.4	21	12.8
Isabella	6	12.2	57	23.2
Jackson	16	8.2	159	13.8
Kalamazoo	34	4.1	1 150	3.9
Kalkaska	–	–	–	–
Kent	184	1.8	15 143	1.3
Keweenaw	–	–	–	–
Lake	6	10.2	30	11.4
Lapeer	35	5.1	658	4.9
Leelanau	232	1.1	16 698	1.1
Lenawee	42	4.0	836	4.5
Livingston	21	6.2	546	2.2
Luce	2	18.6	(D)	(D)
Mackinac	4	14.0	7	17.7
Macomb	33	5.4	816	5.5
Manistee	55	3.1	3 789	2.0
Marquette	10	8.1	45	10.3
Mason	51	3.8	5 004	3.7
Mecosta	13	7.7	177	18.9
Menominee	20	4.9	61	6.4
Midland	12	8.1	24	13.0
Missaukee	7	10.2	15	11.5
Monroe	35	4.9	318	6.4
Montcalm	19	6.3	966	6.2
Montmorency	3	6.5	8	6.3
Muskegon	31	4.8	3 734	2.0
Newaygo	40	3.8	2 297	3.8
Oakland	33	5.1	519	5.3
Oceana	142	2.1	15 159	1.3
Ogemaw	5	16.2	42	23.7
Ontonagon	2	14.4	(D)	(D)
Osceola	16	6.4	48	7.8
Oscoda	2	20.5	(D)	(D)
Otsego	6	9.9	14	10.8
Ottawa	65	2.9	6 170	1.0
Presque Isle	12	8.0	29	9.8
Roscommon	4	15.5	73	20.4
Saginaw	24	5.4	169	9.8
St. Clair	19	7.1	89	12.3
St. Joseph	14	7.5	284	6.2
Sanilac	23	6.6	388	15.7
Schoolcraft	6	9.6	16	10.1
Shiawassee	26	5.0	163	6.9
Tuscola	10	7.7	144	5.6

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested–Con.			
	Land in orchards			
	Farms		Acres	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Van Buren	256	1.9	15 480	1.6
Washtenaw	30	4.9	341	4.7
Wayne	16	8.1	197	9.3
Wexford	8	9.6	39	12.0

[1]Data are based on a sample of farms.

Table G. **Coverage Estimates: 1997**

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

Item	Census total	Coverage total[1]	Adjusted census: Total	Adjusted census: Relative standard error (percent)	Coverage adjustment (percent)
Farms ..... number	46 027	7 481	53 508	2.4	14.0
Land in farms ..... acres	9 872 812	602 242	10 475 054	2.5	5.7
Average size of farm ..... acres	215	81	196	(X)	(X)
Farms by size of farm:					
Less than 10 acres	2 611	903	3 514	7.5	25.7
10 to 49 acres	12 075	3 360	15 435	4.9	21.8
50 to 179 acres	17 439	2 678	20 117	4.2	13.3
180 acres or more	13 902	540	14 442	2.6	3.7
Farms by value of sales:					
Less than $2,500	12 557	4 032	16 589	4.6	24.3
$2,500 to $9,999	10 849	1 288	12 137	4.0	10.6
$10,000 or more	22 621	2 161	24 782	3.4	8.7
Market value of agricultural products sold $1,000	3 567 825	44 736	3 612 561	2.0	1.2
Farms by type of organization:					
Individual or family	40 190	7 300	47 490	2.6	15.4
Partnership, corporation, or other	5 837	181	6 018	4.5	3.0
Farms by tenure of operator:					
Full owners	27 933	6 187	34 120	3.4	18.1
Part owners	15 497	1 205	16 702	2.9	7.2
Tenants	2 597	89	2 686	3.9	3.3
Operators by place of residence:					
On farm operated	37 077	6 814	43 891	2.7	15.5
Not on farm operated	6 043	543	6 586	5.9	8.2
Not reported	2 907	124	3 031	4.7	4.1
Operators by principal occupation:					
Farming	22 043	1 174	23 217	2.6	5.1
Other	23 984	6 307	30 291	3.7	20.8
Operators by sex:					
Male	42 094	6 568	48 662	2.5	13.5
Female	3 933	913	4 846	6.6	18.8
Operators by race:					
White	45 708	7 426	53 134	2.4	14.0
Black and other races	319	55	374	30.5	14.7
Operators by years on present farm:					
4 years or less	4 342	1 609	5 951	7.9	27.0
5 years or more	34 466	4 019	38 485	2.5	10.4
Not reported	7 219	1 853	9 072	7.2	20.4

[1] See text in Appendix C regarding coverage estimates.

Appendix D.
Report Forms and Information Sheets

The report forms and information sheets are shown on the following pages.

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FORM **97-A0203**
(10-30-96)

U.S. DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE

AG CENSUS USA

UNITED STATES CENSUS OF AGRICULTURE

Conducted in cooperation with:
U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

CENSUS USE ONLY	
035	036
037	038

Please return your completed report to:

CENSUS OF AGRICULTURE
1201 East 10th Street
Jeffersonville, IN 47131-1700

- **Use reasonable estimates –** If records are not available.
- **Time extension –** Send request to the above address.
- **Correspondence –** Include 12-character Census File Number (CFN) found on address label.

NOTICE – Response to this inquiry is required by law (Title 7, U.S. Code). By the same law, YOUR REPORT IS CONFIDENTIAL and it will only be used for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

97-A0203

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

- **Duplicate forms –** If you received extra report forms for the same farming or ranching operation, enter the CFN(s) printed in the label of those extra forms in the boxes provided and return them with your completed report.

A						–							
A						–							

SECTION 1

S1

ACREAGE IN 1997 – Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. *Include ALL LAND, REGARDLESS OF LOCATION OR USE – cropland, pastureland, rangeland, woodland, idle land, house lots, etc.*

If the acres you operated in 1997 changed during the year, refer to the INFORMATION SHEET, section 1.

	None	Number of acres
1. All land owned →	☐	043
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. *Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head or animal unit month (AUM) basis under a grazing permit.)* →	☐	044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased →	☐	045
4. Acres in "THIS PLACE" for this census report – *ADD item 1 and item 2, then SUBTRACT item 3.* → *If the entry is zero, please refer to the INFORMATION SHEET, section 1.*		046

	None	Number of landlords
5. How many landlords did you have? →	☐	065

		Number of acres
6. How many of the acres rented or leased TO OTHERS did you own? →	☐	053

7. Mark (X) all grazing permits used on a per-head or AUM basis. → 054 None ☐

1 ☐ Forest Service	2 ☐ Taylor Grazing, Sec. 3 (BLM)	3 ☐ Indian Land	4 ☐ Other – *Specify* ↙ _____

8. LOCATION OF AGRICULTURAL ACTIVITY FOR "THIS PLACE"

a. In what county was the largest value of your agricultural products raised or produced? →

b. If you also had agricultural operations in any other county(ies), enter the county name(s), etc. →

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

PENALTY FOR FAILURE TO REPORT

CONTINUE ON PAGE 2 →

SECTION 2 **Were any of the following CROPS harvested from "THIS PLACE" in 1997?** ***(DO NOT include crops grown on land rented TO OTHERS.)***

S2

	None	Acres harvested	Quantity harvested	Acres irrigated
1. Corn (field) for grain or seed *(Report quantity on a dry shelled-weight basis.)* →	☐	067	068 Bu.	069
2. Corn (field) for silage or green chop →	☐	070	071 Tons, green	072
3. Winter wheat for grain →	☐	572	573 Bu.	574
4. Spring wheat for grain →	☐	728	729 Bu.	730
5. Oats for grain →	☐	076	077 Bu.	078
6. Barley for grain →	☐	079	080 Bu.	081
7. Rye for grain →	☐	686	687 Bu.	688
8. Soybeans for beans →	☐	088	089 Bu.	090
9. Dry edible beans – navy, black, etc. →	☐	554	555 Cwt.	556
10. Sugar beets for sugar →	☐	719	720 Tons	721
11. Mint for oil →	☐	644	645 Lbs. of oil	646
12. Tobacco – all types →	☐	094 /10	095 Lbs.	096 /10
13. Potatoes *(DO NOT include sweetpotatoes.)* →	☐	097 /10	098 Cwt.	099 /10

SECTION 3 **Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from "THIS PLACE" in 1997?** ***Include sorghum-sudan crosses and hay cut from pastures.***

S3 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 4*

When both dry hay (items 1–4) and grass silage, etc. (item 5) were cut or harvested 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 quantity harvested from all cuttings.

	None	Acres harvested	Quantity harvested	Acres irrigated
1. Alfalfa and alfalfa mixtures for dry hay →	☐	103	104 Tons, dry	105
2. Small grain dry hay – oats, wheat, barley, rye, etc. →	☐	106	107 Tons, dry	108
3. Other tame dry hay – clover, lespedeza, timothy, bromegrass, Sudangrass, millet, etc. →	☐	109	110 Tons, dry	111
4. Wild dry hay →	☐	112	113 Tons, dry	114
5. Grass silage, haylage, and green chop →	☐	115	116 Tons, green	117

SECTION 4 **Were any NURSERY and GREENHOUSE CROPS, including MUSHROOMS, SOD, or CHRISTMAS TREES, GROWN FOR SALE on "THIS PLACE" in 1997?** ***Include bulbs, flowers, flower seeds, vegetable seeds and plants, or vegetables under glass or other protection.***

S4 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 5*

	None	Area irrigated: Square feet	Acres	Tenths
1. Nursery and greenhouse crops irrigated in 1997 →	☐	477	478	/10

2. From the list below, enter the crop name and code for each crop grown.
Report herbs, fresh cut, grown under glass or other protection as greenhouse produced vegetables.

Crop name	Code	Square feet under glass or other protection in 1997	Acres in the open in 1997: Whole acres	Tenths	Sales in 1997: Dollars	Cents
			1	/10	2 $	00
			1	/10	2 $	00
			1	/10	2 $	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code	Crop name	Code
Bedding/Garden plants – annuals, herbaceous perennials, and vegetable plants	**479**	**Foliage plants**	**707**	**Potted flowering plants**	**710**
Bulbs, corms, rhizomes, and tubers – dry	**482**	**Greenhouse produced vegetables**	**503**	**Sod harvested**	**497**
Cut Christmas trees harvested	**491**	**Mushrooms – report growing area**	**494**	**Vegetable and flower seeds**	**500**
Cut flowers and cut florist greens	**485**	**Nursery crops – ornamentals, shrubs, fruit and nut trees, and vines**	**488**	**Other nursery and greenhouse –** *Specify*	**506**

FORM 97-A0203 (10-30-96)

SECTION 5

Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from "THIS PLACE" in 1997? ***(DO NOT include those grown for home use.)***

S5 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 6*

1. Land from which vegetables were harvested in 1997 →

Acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
375	/10	376	/10

2. For those crops not listed, enter the crop name and code from the list below for each crop harvested in 1997. →

If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 4.

If more space is needed, use a separate sheet of paper.

Crop name	Code	Acres harvested		Acres irrigated	
		Whole acres	Tenths	Whole acres	Tenths
Snap beans (bush and pole)	**381**		/10	382	/10
Peas, green	**441**		/10	442	/10
Sweet corn	**461**		/10	462	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10

Crop name	Code	Crop name	Code	Crop name	Code	Crop name	Code	Crop name	Code
Asparagus	**379**	**Cauliflower**	**399**	**Lettuce and romaine**	**427**	**Pumpkins**	**449**	**Turnip greens**	**467**
Beets	**383**	**Celery**	**401**	**Lima beans, green**	**429**	**Radishes**	**451**	**Watermelons**	**473**
Broccoli	**385**	**Collards**	**407**	**Mustard greens**	**431**	**Rhubarb**	**453**	**Other vegetables –** *Specify*	**475**
Cabbage, head	**391**	**Cucumbers and pickles**	**411**	**Onions, dry**	**433**	**Spinach**	**457**		
Cantaloups and muskmelons	**395**	**Eggplant**	**415**	**Onions, green**	**435**	**Squash**	**459**		
Carrots	**397**	**Herbs, fresh cut**	**455**	**Peppers, sweet**	**443**	**Tomatoes**	**463**		
		Honeydew melons	**423**	**Peppers, hot**	**445**	**Turnips**	**465**		

SECTION 6

Were any STRAWBERRIES, CRANBERRIES, or OTHER BERRIES harvested FOR SALE from "THIS PLACE" in 1997? ***(DO NOT include those grown for home use.)***

S6 1 ☐ YES – ***Complete this section***

2 ☐ NO – *Go to section 7*

If more space is needed, use a separate sheet of paper.

Crop name	Code	Acres harvested		Quantity harvested		Acres irrigated	
		Whole acres	Tenths			Whole acres	Tenths
Strawberries	**536**		/10	537	Lbs.	538	/10
Blackberries and dewberries	**509**		/10	510	Lbs.	511	/10
Blueberries, tame	**512**		/10	513	Lbs.	514	/10
Cranberries	**521**		/10	522	100-lb. barrels	523	/10
Raspberries	**533**		/10	534	Lbs.	535	/10
Other berries – *Specify*	**539**		/10	540	Lbs.	541	/10

SECTION 7

Were any OTHER CROPS harvested from "THIS PLACE" in 1997 – small grains, field seeds, sorghum, maples tapped, or other crops not previously reported? ***Report FRUIT in section 8. (DO NOT include crops grown on land rented TO OTHERS.)***

S7 1 ☐ YES – ***Complete this section***

2 ☐ NO – *Go to section 8*

For those crops not listed, enter the crop name and code from the list below. *Report quantity harvested in unit specified with crop name.* →

If more space is needed, use a separate sheet of paper.

Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated
Ginseng	**767**	/10	768 Lbs.	769 /10
Canola	**614**		615 Lbs.	616
Red clover seed	**671**		672 Lbs.	673
Sunflower seed	**734**		735 Lbs.	736
Popcorn	**662**		663 Lbs., shelled	664
Sorghum for grain or seed *(DO NOT include sorghum-sudan crosses.)*	**082**		083 Bu.	084
Sorghum for silage or green chop	**085**		086 Tons, green	087
			1	2
			1	2

Crop name	Code	Crop name	Code	Crop name	Code	Crop name	Code
Alfalfa seed (pounds)	**542**	**Emmer and spelt (bushels)**	**599**	**Proso millet (bushels)**	**665**	**Triticale (bushels)**	**749**
Birdsfoot trefoil seed (pounds)	**566**	**Maple trees tapped (number of taps)**	**799**	**Ryegrass seed (pounds)**	**689**	**Wild rice (pounds)**	**764**
Buckwheat (bushels)	**575**	**Dry edible peas (hundredweight)**	**659**	**Sweetclover seed (pounds)**	**737**	**Other crops (pounds) –** *Specify*	**752**
Corn cut for dry fodder, hogged or grazed *(Report acres only.)*	**581**			**Timothy seed (pounds)**	**746**		

FORM 97-A0203 (10-30-96)

CONTINUE ON PAGE 4 →

SECTION 8 **Was there a combined total of 20 or more FRUIT or NUT TREES, including GRAPEVINES, on "THIS PLACE" in 1997?**

S8 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 9*

	Total acres		Acres irrigated	
	Whole acres	Tenths	Whole acres	Tenths
1. TOTAL ACRES in bearing and nonbearing fruit orchards, vineyards, and nut trees on this place. *(DO NOT include abandoned acres.)* →	121	/10	122	/10

2. For those crops not listed, enter the name and code from the list below for other fruit or nut trees on this place in 1997. *Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.*

Crop name	Code	Number of nonbearing age trees or vines	Number of bearing age trees or vines	Acres in trees and vines of all ages		Quantity harvested	Unit of measure *Mark (X) one*			
				Whole acres	Tenths		Lbs.	Tons	Boxes or bins	Lbs. per box/bin
Apples	**123**		124	125	/10	126	127 1☐	2☐	3☐	128
Grapes	**177**		178	179	/10	180	181 1☐	2☐	3☐	182
Sweet cherries	**345**		346	347	/10	348	349 1☐	2☐	3☐	350
Tart cherries	**587**		588	589	/10	590	591 1☐	2☐	3☐	592
Peaches	**225**		226	227	/10	228	229 1☐	2☐	3☐	230
			1	2	/10	3	4 1☐	2☐	3☐	5
			1	2	/10	3	4 1☐	2☐	3☐	5

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Apricots	**129**	**Plums and prunes**	**243**
Nectarines	**201**	**Other fruit and nuts –** *Specify*	**369**
Pears	**231**		

SECTION 9 **GROSS VALUE of CROPS SOLD from "THIS PLACE" in 1997, BEFORE taxes and expenses.** ***Refer to the INFORMATION SHEET, section 9.***

S9

Report your best estimate of the value for each of the following groups of crops sold from this place in 1997. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.

	None	Dollars	Cents
1. Grains, soybeans, and other beans sold in 1997			
a. Corn for grain →	☐	773 $	00
b. Wheat →	☐	774 $	00
c. Soybeans →	☐	775 $	00
d. Sorghum for grain →	☐	776 $	00
e. Barley →	☐	777 $	00
f. Oats →	☐	778 $	00
g. Other – rye, dry edible beans, sunflower seed, buckwheat, canola, etc. →	☐	779 $	00
2. Tobacco →	☐	781 $	00
3. Hay, silage, field seeds, and grass seeds →	☐	782 $	00
4. Vegetables, sweet corn, and melons *(DO NOT include potatoes and sweetpotatoes; report them in item 6 below.)* →	☐	783 $	00
5. Fruits, nuts, and berries – apples, cherries, grapes, peaches, pears, plums, strawberries, blueberries, cranberries, etc. →	☐	784 $	00
6. Other crops – potatoes, mint for oil, sugar beets, ginseng, maple products, etc. *(DO NOT include nursery and greenhouse crops.) – Specify* ↙ _____	☐	785 $	00

FORM 97-A0203 (10-30-96)

SECTION 10 **Report how the ACRES in this place were USED in 1997.**

S10 **Any land used for more than one of the following purposes should be reported only once. Report that land in the first listed item that applies. For example: Land that was both pastured (item 1b) and harvested (item 1a) should be reported only in cropland harvested. *(DO NOT include land rented TO OTHERS.)***

	None	Number of acres
1. Cropland		
a. Cropland harvested – *Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.*	☐	787
b. Cropland used only for pasture or grazing – *Include rotation pasture and grazing land that could have been used for crops without additional improvements.*	☐	788
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	☐	789
d. Cropland on which all crops failed *(Exception: DO NOT report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 1a.)*	☐	790
e. Cropland in cultivated summer fallow	☐	791
f. Cropland idle	☐	793
2. Woodland – *Include all woodlots and timber tracts and cutover and deforested land with young timber growth.* — **a.** Woodland pastured	☐	794
b. Woodland not pastured	☐	795
3. Other pastureland and rangeland – *Include any pastureland other than cropland and woodland pastured.*	☐	796
4. All other land – Land in house lots, ponds, roads, wasteland, etc. – *Include any land not reported in items 1 through 3 above.*	☐	797
5. TOTAL ACRES – ***Add the acres reported in items 1 through 4. (Should be the same as section 1, item 4.)***		798

SECTION 11 **Was any LAND IRRIGATED in this place in 1997?**

Irrigated land is all land watered by sprinklers, flooding, ditches or furrows, drip or trickle irrigation, etc. Include supplemental, partial, or preplant irrigation.

S11 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 12*

	None	Number of acres irrigated
1. Acres of harvested land irrigated – *Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops.*	☐	680
2. Acres of pastureland, rangeland, and other land irrigated	☐	681

SECTION 12 **Were any ACRES in this place in the Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP) in 1997?**

S12 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 13*

	None	Number of acres
1. Acres under the Conservation Reserve Program or Wetlands Reserve Program (CRP or WRP)	☐	683

FORM 97-A0203 (10-30-96)

CONTINUE ON PAGE 6

SECTION 13 **Did you or anyone else have any CATTLE or CALVES, including DAIRY CATTLE, on this place in 1997?**

S13 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 14*

- **DECEMBER 31, 1997 INVENTORY**

	None	INVENTORY – Number on this place Dec. 31, 1997
1. CATTLE and CALVES of all ages (Total of a, b, c, and d below.)	☐	803 Total
a. BEEF COWS – *Include beef heifers that had calved.*	☐	804 Beef cows
b. MILK COWS kept for production of milk – *Include dry milk cows and milk heifers that had calved.*	☐	805 Milk cows
c. HEIFERS and HEIFER CALVES *(DO NOT include heifers that had calved.)*	☐	806 Heifers and heifer calves
d. STEERS, STEER CALVES, BULLS, and BULL CALVES	☐	807 Steers and bulls of all ages

- **CATTLE AND CALVES SOLD FROM THIS PLACE IN 1997 –** *Include those fed on this place on a contract or custom basis. Also report as sold cattle moved from this place to a feedlot for further feeding.*

	None	Number sold in 1997	Gross value of sales Dollars	Cents
2. CALVES weighing less than 500 pounds	☐	808	809 $	00
3. CATTLE, including calves weighing 500 pounds or more	☐	810	811 $	00
a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?	☐	812	813 $	00

- **MILK AND DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1997**

	None	DAIRY PRODUCTS Gross value of sales Dollars	Cents
4. Gross value of MILK and DAIRY PRODUCTS sold from this place in 1997 – *Include cream, butter, etc.*	☐	814 $	00

SECTION 14 **Did you or anyone else have any HOGS or PIGS on this place in 1997?** ***Include those grown for others on a contract basis.***

S14 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 15*

- **DECEMBER 31, 1997 INVENTORY**

	None	INVENTORY — Number on this place Dec. 31, 1997
1. HOGS and PIGS of all ages (Total of a and b below.)	☐	815 Total
a. HOGS and PIGS used or to be used for BREEDING	☐	816 Breeding
b. OTHER HOGS and PIGS	☐	817 Other

- **LITTERS FARROWED**

	None	Number of litters
2. LITTERS FARROWED on this place between –		
a. December 1, 1996 and May 31, 1997	☐	818
b. June 1, 1997 and November 30, 1997	☐	819

- **HOGS AND PIGS SOLD**

	None	Number sold in 1997	Gross value of sales Dollars	Cents
3. HOGS and PIGS SOLD from this place in 1997, including feeder pigs	☐	820	821 $	00
a. FEEDER PIGS sold from this place for further feeding	☐	822	823 $	00

SECTION 15 **Did you or anyone else have any SHEEP or LAMBS on this place in 1997?**

S15 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 16*

	None	INVENTORY — Number on this place Dec. 31, 1997	NUMBER SOLD in 1997
1. SHEEP and LAMBS of all ages	☐	824	825
a. EWES 1 year old or older	☐	826	

	None	Number shorn in 1997	Pounds of wool shorn in 1997
2. SHEEP and LAMBS SHORN	☐	827	828

	None	Gross value of sales Dollars	Cents
3. Gross value of SHEEP, LAMBS, and WOOL sold from this place in 1997	☐	829 $	00

FORM 97-A0203 (10-30-96)

SECTION 16

Did you or anyone else have any POULTRY such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1997? ***Include poultry grown for others on a contract basis.***

S16 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 17*

	None	INVENTORY Number on this place Dec. 31, 1997	Total number sold in 1997
1. LAYERS 20 weeks old and older	☐	892	893
2. PULLETS for laying flock replacement			
a. PULLETS 13 weeks old to 19 weeks old	☐	894	895
b. PULLET CHICKS and PULLETS less than 13 weeks old *(DO NOT include commercial broilers.)*	☐	896	
3. BROILERS, fryers, and other meat-type chickens, including capons and roasters	☐	898	899
4. TURKEYS			
a. Turkeys for slaughter *(DO NOT include breeders.)*	☐	900	901
b. Turkey HENS kept for breeding	☐	902	903
5. OTHER POULTRY raised in captivity – ducks, geese, pigeons or squab, pheasants, quail, etc. *(Enter poultry name and code from the list below.)*			
Poultry name _____ Code _____			1
Poultry name _____ Code _____			1

Name	Code	Name	Code	Name	Code
Ducks	**904**	**Pigeons or squab**	**908**	**Quail**	**912**
Geese	**906**	**Pheasants**	**910**	**All other poultry –** *Specify*	**914**

	None	Number
6. POULTRY HATCHED on this place in 1997 and placed or sold – chickens, turkeys, ducks, etc. – *Specify kind of poultry* _____	☐	916
7. Incubator egg capacity on December 31, 1997	☐	917

	None	Gross value of sales Dollars	Cents
8. Gross value of poultry and poultry products (eggs, etc.) sold from this place in 1997	☐	918 $	00

SECTION 17

Did you or anyone else have any HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, or ANIMAL SPECIALTIES on this place in 1997?

S17 1 ☐ YES – ***Complete this section***

2 ☐ NO – *Go to section 18*

	None	INVENTORY – Number on this place Dec. 31, 1997	Total quantity sold in 1997	Gross value of sales Dollars	Cents
1. Horses and ponies of all ages	☐	830	831 Number	832 $	00
2. Colonies of bees	☐	839	840 Number 841 Pounds honey	842 $	00
3. Milk goats	☐	843	844 Number 845 Gallons milk	846 $	00
4. Angora goats	☐	847	848 Number 849 Pounds mohair	850 $	00
5. Other goats	☐	851	852 Number	853 $	00
6. Mules, burros, and donkeys	☐	833	834 Number	835 $	00
7. Mink and their pelts	☐	836	837 Number	838 $	00
8. Rabbits and their pelts	☐	854	855 Number	856 $	00
9. All other livestock and livestock products – *Specify* _____		857	858 Number	859 $	00

10. Fish and other aquaculture products *(Enter name and code from the list below.)*

Name _____ Code _____

Name	Code	Name	Code
Catfish	**860**	**Other fish –** *Specify*	**866**
Trout	**863**	**Crawfish**	**875**
Hybrid striped bass	**872**	**Other aquaculture products –** *Specify*	**869**

Total quantity sold in 1997	Gross value of sales Dollars	Cents
1 Pounds – OR – Number	2 $	00

If additional space is needed, use a separate sheet of paper.

FORM 97-A0203 (10-30-96)

CONTINUE ON PAGE 8

SECTION 18 **GOVERNMENT CCC LOANS – *Include regular and reserve loans, even if redeemed or forfeited.***

S18

	None	Dollars	Cents
1. Amount received in 1997 from Government CCC loans for –			
a. Corn	☐	886 $	00
b. Wheat	☐	887 $	00
c. Soybeans	☐	888 $	00
d. Sorghum, barley, and oats	☐	889 $	00
e. Cotton	☐	890 $	00
f. Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed	☐	897 $	00
g. Peanuts, rice, and tobacco	☐	891 $	00

SECTION 19 **Payments received for participation in FEDERAL FARM PROGRAMS in 1997 *(DO NOT include CCC loans.) Refer to the INFORMATION SHEET, section 19.***

S19

	None	Dollars	Cents
1. Total amount received for participation in FEDERAL FARM PROGRAMS	☐	684 $	00
a. Of the total amount, how much was received for participation in the Conservation Reserve Program and Wetlands Reserve Program (CRP and WRP)?	☐	685 $	00

SECTION 20 **During 1997 did you grow or raise any crops, livestock, poultry, or their products that were sold DIRECTLY to individual consumers for HUMAN CONSUMPTION – roadside stands, farmers markets, pick your own, door to door, etc.?**

S20 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 21*

	None	Dollars	Cents
1. Gross value of these direct sales	☐	920 $	00

2. Specify what was sold directly – vegetables, eggs, etc. _____

SECTION 21 **Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE and GYPSUM, used on this place in 1997? *(DO NOT include lime.)***

S21 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 22*

	None	Acres fertilized
1. Acres of cropland fertilized in 1997 *(DO NOT include cropland for pastures.)*	☐	932
2. Acres of pastureland and rangeland fertilized in 1997, including cropland pastured	☐	933

SECTION 22 **Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1997? *Include items such as sprays, dusts, granules, fumigants, etc.***

S22 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 23*

The same acres can be reported in more than one item below; however, DO NOT report acres more than once for an individual item, regardless of the number of applications.

	None	Acres on which used
1. Report acres treated to control –		
a. **Insects** on crops, including hay	☐	936
b. **Nematodes** in crops	☐	937
c. **Diseases** in crops and orchards (blights, smuts, rusts, etc.)	☐	938
d. **Weeds, grass,** or **brush** in crops and pasture – *Include both pre-emergence and post emergence.*	☐	939
2. Report acres of crops treated to **control growth, thin fruit,** or **defoliate.**	☐	940

FORM 97-A0203 (10-30-96)

SECTION 23 **Report PRODUCTION EXPENSES paid by you, your landlords, or contractors for this place in 1997.** ***(DO NOT include expenses not related to the farm business or connected with performing customwork for others.)***

S23

	None	Dollars	Cents
1. Livestock and poultry purchased – cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc.	☐	971 $	00
2. Feed purchased for livestock and poultry – grain, hay, silage, mixed feeds, concentrates, etc.	☐	972 $	00
a. Of the total feed purchased, how much was commercially mixed, including supplements and premixes? *(DO NOT include soybean meal, cottonseed meal, etc.)*	☐	973 $	00
3. Seeds, plants, etc., purchased – *Include purchases of seeds for corn, other grains, soybeans, tobacco, cotton, etc., and transplants and trees.*	☐	974 $	00
4. Commercial fertilizer purchased – all forms, including rock phosphate and gypsum. *Include cost of custom applications. (DO NOT include lime.)*	☐	975 $	00
5. Agricultural chemicals purchased – Insecticides, herbicides, fungicides, other pesticides, etc. – *Include cost of custom applications. (DO NOT include lime.)*	☐	976 $	00
6. Gasoline and other petroleum fuel and oil purchased for the farm business –			
a. Gasoline and gasohol	☐	977 $	00
b. Diesel fuel	☐	978 $	00
c. Natural gas	☐	979 $	00
d. LP gas, fuel oil, kerosene, motor oil, grease, etc.	☐	980 $	00
7. Electricity for the farm business *(DO NOT include household expenses.)*	☐	981 $	00
8. Hired farm and ranch labor – Also include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc. *(See the INFORMATION SHEET, section 23.)*	☐	982 $	00
9. Contract labor – *Include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc.*	☐	983 $	00
10. Repair and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment	☐	984 $	00
11. Customwork, machine hire, and rental of machinery and equipment – *Include expenditures for use of equipment and for customwork, such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, etc. (DO NOT include cost of cotton ginning and application of fertilizer and chemicals.)*	☐	985 $	00
12. Interest paid on debts *(See the INFORMATION SHEET, section 23.)*			
a. Secured by real estate	☐	986 $	00
b. Not secured by real estate	☐	987 $	00
13. Cash rent paid for land and buildings in 1997 *(DO NOT include grazing fees.)*	☐	988 $	00
14. Property taxes paid in 1997 – *Include farm real estate, machinery, livestock, etc. for the farm business. (DO NOT include taxes paid by landlords.)*	☐	989 $	00
15. All other production expenses – *Include insurance, water, animal health costs, grazing fees, lime, marketing charges, miscellaneous farm supplies, etc. (DO NOT include depreciation, household expenses, and expenses not associated with the farm business.)*	☐	990 $	00

FORM 97-A0203 (10-30-96)

CONTINUE ON PAGE 10 →

SECTION 24 MACHINERY AND EQUIPMENT on this place on December 31, 1997

S24

	Estimated market value Dollars	Cents
1. Estimated market value of ALL machinery, equipment, and implements on this place December 31, 1997 *Include all machinery, equipment, and implements used for the farm or ranch business in 1996 or 1997 and usually kept on this place. (For examples of items, see INFORMATION SHEET, section 24.)* →	943 $	00

2. For the machinery and equipment items listed below, report the number on this place December 31, 1997 and used in 1996 or 1997.

	None	Total number on this place December 31, 1997	Of the total, the number manufactured in the last 5 years (1993–1997)
a. Motortrucks, including pickups →	☐	944	945
b. Wheel tractors less than 40 horsepower (PTO) *(DO NOT include garden tractors.)* →	☐	946	947
c. Wheel tractors 40 to 99 horsepower (PTO) →	☐	948	949
d. Wheel tractors 100 horsepower (PTO) or more →	☐	962	963
e. Grain and bean combines, all types →	☐	950	951
f. Cotton pickers and strippers →	☐	956	957
g. Mower conditioners →	☐	958	959
h. Pickup balers – *Include rectangular and round balers.* →	☐	960	961

SECTION 25 Report your best ESTIMATE of the CURRENT MARKET VALUE OF LAND and BUILDINGS. Include all land, dwellings, barns, and other buildings for all acres reported in section 1, items 1, 2, and 3, page 1.

S25

	None	Estimated market value of land and buildings Dollars	Cents
1. Estimated market value of –			
a. All land and buildings owned →	☐	996 $	00
b. All land and buildings rented or leased FROM OTHERS →	☐	997 $	00
c. All land and buildings rented or leased TO OTHERS →	☐	998 $	00

SECTION 26 INCOME FROM FARM-RELATED SOURCES IN 1997

Report amount received before taxes and expenses.

S26

	None	Farm-related income Dollars	Cents
1. Customwork and other agricultural services provided for farmers and others – plowing, planting, spraying, harvesting, preparation of products for market, etc. *(DO NOT include if customwork is an entirely separate business from your agricultural operation.)* →	☐	992 $	00
2. Gross cash rent or share payments received from renting out farmland or payments received from lease or sale of allotments – *Include payments for livestock pastured on a per-head basis, per-month basis, AUM basis, per-pound basis, etc.* →	☐	993 $	00
3. Sales of forest products – *Include naval stores, firewood, etc. (DO NOT include sales of Christmas trees or maple products.)* →	☐	994 $	00
4. Patronage dividends and refunds from cooperatives, recreational services, and other income which is CLOSELY RELATED to the agricultural operation on this place – *Specify* ↙ _____	☐	995 $	00

SECTION 27 Were any HIRED WORKERS, including paid family members, doing agricultural labor on this place in 1997? *(DO NOT include contract labor.)*

S27 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 28*

	None	Hired workers
1. Of the hired farm or ranch labor, including paid family members, how many –		
a. Worked less than 150 days? →	☐	941
b. Worked 150 days or more? →	☐	942

FORM 97-A0203 (10-30-96)

SECTION 28 **Were there any INJURIES or DEATHS connected with farm or ranch work on or for this place in 1997?**

Report injuries that required paid medical care, or resulted in lost worktime or were fatal. DO NOT report deaths or injuries of contract workers or customworkers.

S28 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 29*

	None	Operator and family members	Hired workers
1. Number of workers with work-related injuries *(DO NOT include deaths.)* →	☐	952	953
2. Number of work-related deaths →	☐	954	955

SECTION 29 **TYPE OF ORGANIZATION – *Mark (X) the one item which best describes the type of organization for this place in 1997. Refer to the INFORMATION SHEET, section 29.***

S29

921

- FAMILY or INDIVIDUAL operation *(DO NOT include partnership and corporation.)* → 1 ☐
- PARTNERSHIP operation – *Include family partnerships.* → 2 ☐

} *Go to section 31*

- INCORPORATED UNDER STATE LAW → 3 ☐ *Go to section 30*
- OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc. → 4 ☐ *Specify, then go to section 31* _____

SECTION 30 **CORPORATE STRUCTURE (for incorporated operations only)** ***Refer to the INFORMATION SHEET, section 30.***

S30

922

1. Is this a family-held corporation? → 1 ☐ Yes 2 ☐ No

2. Are there more than 10 stockholders? → 3 ☐ Yes 4 ☐ No

SECTION 31 **CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge)** ***Refer to the INFORMATION SHEET, section 31.***

S31

1. RESIDENCE – Does the operator (senior partner or person in charge) live on this place? → 923 1 ☐ Yes 2 ☐ No

2. PRINCIPAL OCCUPATION – At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1997? *For partnerships consider all members of the partnership together.* → 928 1 ☐ Farming or ranching 2 ☐ Other

3. OFF-FARM WORK – How many days did the operator (senior partner or person in charge) work at least 4 hours per day **off** this place in 1997? *Include work at a nonfarm job, business, or on someone else's farm for pay. (DO NOT include exchange farmwork.)* → 929

1 ☐ None
2 ☐ 1–49 days
3 ☐ 50–99 days
4 ☐ 100–149 days
5 ☐ 150–199 days
6 ☐ 200 days or more

4. In what YEAR did the operator (or senior partner) begin to operate any part of this place? → 930 _____Year

5. AGE of operator (senior partner or person in charge) on Dec. 31, 1997 → 925 _____Years of age

6. RACE of operator (senior partner or person in charge) → 924

1 ☐ White
2 ☐ Black, African American, or Negro
3 ☐ American Indian
4 ☐ Asian or Pacific Islander
9 ☐ Other – *Specify* _____

7. SEX of operator (senior partner or person in charge) → 926 1 ☐ Male 2 ☐ Female

8. Is the operator (senior partner or person in charge) of SPANISH, HISPANIC, or LATINO origin or background, such as Mexican, Cuban, or Puerto Rican, regardless of race? → 927 1 ☐ Yes 2 ☐ No

SECTION 32 **PERSON COMPLETING THIS REPORT – *Please print***

Name	999 Date
Telephone →	Area code ___ ___ ___ / Number ___ ___ ___ – ___ ___ ___ ___

RETURN your completed form to: Census of Agriculture, 1201 East 10th St., Jeffersonville, IN 47131-1700

FORM 97-A0203 (10-30-96)

Page 11

INFORMATION SHEET
1997 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

Who Should Report – WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each name and address included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need every report form returned, whether you farm or not.

If You Received More Than One Report Form for the Same Operation – Complete only ONE report form for that operation. Write "Duplicate" near the address label of each extra report form. Also, write the 12-character census file number(s) of the EXTRA report(s) ON THE COMPLETED REPORT in the space provided below and to the right of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

If You No Longer Farm – If you had agricultural operations for any part of 1997, please report all agricultural activity during that portion of the year. Report all land on your census form that you owned or rented. Also, report your 1997 crop and livestock production and 1997 sales.

If You Quit Farming During 1997 – Complete the report form for the portion of the year that you did farm. Explain on the report form in the space to the left of the address label (or on another sheet of paper) when you stopped farming and include, if known, the name and address of the person now using the land and/or buildings.

If You Never Farmed or Have No Association With Agriculture – Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate nonfarm addresses; however, it was not always possible to do so.

If You Have More Than One Agricultural Operation – Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., for which you maintain SEPARATE operating expense and/or production records including livestock and other inventories and crop acreages.

If You Have a Partnership Operation – Complete only ONE report form for the entire partnership's agricultural operation and include all partners' shares on that report. If members of the partnership operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the extra report(s) in the same envelope with the completed partnership report, where possible, or write a note on the extra report(s), such as, *"(Name of partner)* has already completed a report for the partnership *(provide name and CFN of partnership)."*

Landlord's or Contractor's Share – If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you DO NOT know or DO NOT have records available for the landlord's or contractor's share, report your BEST ESTIMATE.

How to Enter Your Response – Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper.

All dollar figures should be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form may contain sections and questions which DO NOT apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

Instructions For Specified Sections

◆ **Section 1 – ACREAGE IN 1997**

Your answers to this section will determine the land **(Acres in "THIS PLACE")** referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1997 whether in production or not. Include all land that you owned or rented during 1997 even if only for part of the year. DO NOT include any unrelated residential or commercial land.

Report all land in section 1 in whole acres.

Item 1 – All Land Owned – Report all land owned in 1997 whether held under deed, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 – All Land Rented or Leased FROM OTHERS – Report all land rented by you or your operation.

INCLUDE in item 2:

- Land for agricultural use that you rented from others for cash
- Land you worked on a share basis (crop or livestock)
- Land owned by someone else that you used rent-free
- Land rented or leased BY THE ACRE from Federal or State governments, Indian reservations, or railroads.

DO NOT INCLUDE in item 2:

- Land used under Government grazing permits or special license on a per-head or animal unit month (AUM) basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land. If you had any of these permits, mark the appropriate boxes in item 7.

Item 3 – All Land Rented or Leased TO OTHERS – Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

- Owned land rented to others for cash or a share of crops or livestock
- Land you rented from someone and then subleased to someone else
- Land worked for you by someone for a share of crops or livestock
- Land which you allowed others to use rent-free

DO NOT INCLUDE in item 3:

- Land placed in the Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP) as acres rented to the Government.
- Unrelated residential, commercial, or other land not included in items 1 and 2.

Item 4 – Acres in "THIS PLACE" – This figure will show the total of all land you operated at any time in 1997.

If item 4, Acres in "THIS PLACE" is "0" and:

- You grew any crops or raised any livestock or poultry on "THIS PLACE" in 1997, complete the report.
- All your land was operated by a renter or sharecropper, complete section 1, item 6 (number of owned acres rented), skip to and complete section 32, and explain briefly, "all land rented out," etc. Mail report form in return envelope.
- You did not have any agricultural activity on owned or rented land in 1997, complete section 32 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return report form in return envelope.

How to Report Crops Harvested

◆ **Sections 2 through 8 – CROPS**

Sections 2 through 8 provide space for reporting crops harvested during the 1997 crop year from the land shown in section 1, item 4 (Acres in "THIS PLACE") of your report. Please report your crops in the appropriate sections. DO NOT include any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1997.

Acres harvested – Enter the acres harvested in 1997. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as for potatoes.

Quantity harvested – If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1997, please report the quantity harvested and the estimated quantity to be harvested.

Acres irrigated – For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means – sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplemental, partial, and/or preplant irrigation. DO NOT report water applied in transplanting tobacco plants, trees, or vegetables as irrigation. Leave "Acres irrigated" blank for crops that are not irrigated.

Double Cropping – If two or more crops were harvested from the same land (double cropping), report the total acres and production of each harvested crop in the appropriate section(s) of the report form.

Example: In 1997, you harvested 1,230 bushels of wheat from 40 acres, then on the same 40 acres planted soybeans, from which you harvested 1,550 bushels. You irrigated the soybeans but not the wheat.

SECTION 2 S2 **Were any of the following CROPS harvested from "THIS PLACE" IN 1997? *DO NOT include crops grown on land rented TO OTHERS.)***

	None	Acres harvested	Quantity harvested	Acres irrigated
1. Cotton →	☐	091	092 Bales	093
2. Soybeans for beans →	☐	088 40	089 1,550 Bu.	090 40
3. Wheat for grain →	☐	545 40	546 1,230 Bu.	547
4. Oats for grain →	☐	076	077 Bu.	078

Interplanted Crops – If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop.

Example: A 60-acre field was planted in cotton and soybeans with two rows of cotton, followed by an area of the same width planted in soybeans. Thirty acres of soybeans and 30 acres of cotton would be reported in the appropriate section(s).

Skip Row Planting – If a crop is planted in an alternating pattern of planted and non-planted rows, such as two rows planted and two rows skipped (2 X 2), report the portion of the field occupied by the crop in the appropriate section for that crop, and report the skipped portion as "Cropland idle" in section 10, item 1f.

◆ **Sections 2 and 3 –** Report only for the listed crops.

◆ **Sections 4 through 8 –** To report: (1) find the crop name and the code number from the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed in sections 4 through 8, use the "Other" code in the appropriate section and specify the crop name.

◆ **Section 4 – NURSERY AND GREENHOUSE CROPS**

Report Christmas trees grown on this place and sold live as nursery crops, code 488. Report Christmas trees grown on this place and sold as cut Christmas trees in code 491. Acres of Christmas trees to be cut in later years should be reported as other nursery and greenhouse, code 506.

◆ **Section 5 – VEGETABLES**

Report acres of vegetables harvested FOR SALE or commercial processing. DO NOT include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

Example: In 1997, you harvested 10 acres of lettuce from a field, then replanted the field in lettuce and harvested the 10 acres again. Both crops of lettuce were irrigated. Enter only 10 acres of land from which vegetables were harvested and 10 acres irrigated in item 1 of section 5, but write in 20 acres of lettuce harvested and 20 acres of lettuce irrigated in item 2 of section 5.

◆ **Section 7 – OTHER CROPS**

Maple Trees Tapped – Report acres of tapped maple trees (sugar bush) on this place in code 799. Report the number of taps from which you gathered sap as the quantity harvested.

◆ **Section 8 – FRUITS AND NUTS**

In counting the combined total of 20 or more trees and vines, include those for home use as well as those maintained for sale of the production. Acres in trees or vines that have been abandoned should not be included; these acres should be included in section 10, item 1f "Cropland idle."

If fruit and nut trees and vines were interplanted with crops other than trees or vines, report the total acres for the orchard crop in section 8, item 1, and the total acres of each interplanted crop in their appropriate section.

◆ **Section 9 – GROSS VALUE OF CROPS SOLD**

Report the value of all crops sold from "THIS PLACE" in 1997, regardless of the year they were harvested or who owned the land. Be sure to report gross values before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1997. Include payments received in 1997 from cooperatives or marketing organizations for crops produced on "THIS PLACE," regardless of the year in which the crops were harvested.

Also include as sales your estimate of the value of any crop removed from "THIS PLACE" in trade for services, such as hay cut in exchange for labor, or other services. If the sale price or market value is not known, give your best estimate of the crop's market value when removed from "THIS PLACE."

DO NOT INCLUDE crops or crop products purchased from others and later sold.

◆ **Section 10 – USE OF ACRES IN "THIS PLACE"**

The sum of the acres entered in various categories should equal total acres in "THIS PLACE," as reported in section 1, item 4. (DO NOT include any acres you rented or leased to others reported in section 1, item 3.)

Land Used for More Than One Purpose – DO NOT report the same acreage in more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1997, report that land only in the first category listed. For example, if you plowed under a cover crop, and planted and harvested a grain crop, report the land in item 1a, "Cropland harvested," but DO NOT report as "Cropland used for cover crops, legumes, etc." (item 1c).

Double Cropping – When more than one crop was harvested from the same land in 1997, report that land only ONCE as "Cropland harvested," in item 1a.

Interplanted Crops – If you interplanted crops, such as alfalfa hay in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in item 1a.

Skip Row Planted Crops – Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," in item 1f. The acres that represent the planted rows should be reported as "Cropland harvested," in item 1a.

Maple Trees Tapped – Report acres of tapped maple trees (sugar bush) as "Woodland not pastured", in item 2b.

◆ **Section 11 – IRRIGATION**

Report in item 1 the acres of irrigated land from which crops were harvested. Include all irrigated orchard land with bearing and nonbearing trees. Include irrigated land from which hay was cut. If crops were double cropped and both were irrigated, report the irrigated acres only once. Acres in item 1 of this section should not exceed acres in section 10, item 1a.

In item 2, report all other irrigated land, such as irrigated pasture, land on which crops failed, land in cover crops, and all other irrigated land not included in item 1.

◆ **Section 12 – ACRES UNDER THE CONSERVATION RESERVE PROGRAM (CRP) OR WETLANDS RESERVE PROGRAM (WRP)**

Include in item 1 all acres in "THIS PLACE" retired from production and placed, by long-term contract, into the Conservation Reserve Program or Wetlands Reserve Program (CRP or WRP). Acres placed in these programs during and prior to 1997 should be included.

◆ **Sections 13 through 17– LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES**

Animals and Poultry to Include in the Report Form – Report all animals, poultry, and animal specialties on "THIS PLACE" (as defined in section 1, item 4) on December 31, 1997. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head, AUM, or lease basis.

Animals in transit on December 31, 1997, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head, AUM, or lease basis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report Form – DO NOT report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. DO NOT include animals quartered in feedlots which are not a part of "THIS PLACE." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold – DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions and are not included in this census.

Number Sold – Report all animals and poultry sold or moved from "THIS PLACE" in 1997, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. DO NOT report number sold for any livestock or poultry kept on another place.

Animals Moved to Another Place – For animals moved from "THIS PLACE" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "THIS PLACE."

Fat Cattle Sold – Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 13, item 3a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

- Cattle and calves sold for further feeding
- Veal calves or any calves weighing less than 500 pounds
- Dairy cows – cull cows fed only the usual dairy ration before being sold

Value of Sales – Report the total gross value of animals and poultry sold or moved from "THIS PLACE" in 1997, without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "THIS PLACE." DO NOT report the value of sales of any livestock and poultry owned by you that were kept and sold from a place you did not operate.

Contract and Custom Feeding Operations – Livestock or poultry kept by you on "THIS PLACE" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" number of animals or poultry on the place on December 31, 1997. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from "THIS PLACE" in 1997. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left "THIS PLACE."

◆ Section 16 – POULTRY

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owns the birds. Report as sold, poultry that were taken or moved from "THIS PLACE" in 1997. Estimate the market value of birds if necessary. Do not report the amount received from a contractor as the market value of birds.

◆ Section 17 – HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Item 2 – If you owned BEES – Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

Items 7 and 8 – Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

Item 9 – Other Livestock and Livestock Products – Include in other livestock and livestock products manure, beeswax, and any other animal products sold from "THIS PLACE" in 1997. Please indicate units used in reporting.

Item 10 – Fish or Other Aquaculture Products – Report number or pounds sold and gross value of sales for each. Enter name and code from list.

◆ Section 18 – AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Report in item 1 the amount received under the regular or reserve program for commodities placed under CCC loans during 1997. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1997.

DO NOT include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

◆ Section 19 – FEDERAL FARM PAYMENTS RECEIVED

Report in item 1 all payments received from Federal farm programs in 1997. Federal payments include receipts from Federal farm programs, such as deficiency payments, support price payments, indemnity programs, disaster payments, paid land diversion, payments for enrollment in the Conservation Reserve Program or Wetlands Reserve Program (CRP or WRP), payments received for approved soil and water conservation projects, etc.

In item 1a, report the amount received for participation in the Conservation Reserve Program and Wetlands Reserve Program (CRP and WRP). DO NOT include payment from CCC loans or crop insurance.

◆ Section 20 – DIRECT SALES

Report the sales of crops, livestock, poultry, or their products sold directly to consumers for their own consumption from roadside stands, farmers markets, pick your own, door to door, etc. Include only those commodities sold directly for human consumption, such as vegetables, fruit, eggs, milk, cattle, chickens, hogs, turkeys, etc. Report only commodities grown or raised on "THIS PLACE."

DO NOT include crops, livestock, poultry, or other products which you bought and resold.

◆ Section 21 – COMMERCIAL FERTILIZER

Report acres on which commercial fertilizer was applied during 1997. If any acreage was fertilized more than once, report acres ONLY ONCE. Report commercial fertilizer expenditures in section 23, item 4.

DO NOT report the use of manure and other material, such as sludge, lime, or other soil conditioners.

◆ Section 22 – INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, OR OTHER CHEMICALS

Report acres on which chemicals were applied during 1997 to control insects, diseases, nematodes, and weeds. Also report acres of crops treated to control growth, thin fruit, or defoliate. Include acres on which custom application of chemicals were made. If multiple applications of chemicals for the same purpose (for example, herbicides) were made on the same acres, report acreage only once. If chemicals were applied for different purposes, report the acres for each purpose that the chemicals were used.

Report agricultural chemical expenditures in section 23, item 5.

◆ Section 23 – PRODUCTION EXPENSES paid by you and others for "THIS PLACE" in 1997

Include farm production expenses paid by you, your landlord, contractors, or anyone else for crops, livestock, or poultry produced on "THIS PLACE." Include expenses incurred in 1997 even if they were not paid for in 1997. Please estimate if exact figures are not known. Refer to the individual expenditure items below for further explanations.

Item 1 – Livestock and Poultry Purchased – Report the cost of cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc., including breeding stock and dairy cows. Contract growers or custom feeders who did not own or purchase the livestock or poultry themselves should estimate the value of the cattle, calves, pigs, chicks, started pullets, etc., at the time they came onto the place.

Item 2 – Feed Purchased for Livestock and Poultry – Report the purchase cost of all grains, silage, hay, commercially mixed and premixed feeds, ingredients, concentrates, etc., fed to livestock and poultry on "THIS PLACE." Contract livestock and poultry growers should estimate the value of feed provided by the contracting company. Custom feedyards should include feed costs for all cattle fed even if the owners of the cattle were billed for the feed. Feed raised on "THIS PLACE" should not be reported as purchased.

Report in item 2a only purchases of commercially mixed feed, including complete feeds, supplements, concentrates, and premixes. DO NOT include ingredients purchased separately, such as soybean meal, urea, etc.

Item 8 – Cost of Hired Farm and Ranch Labor – Include gross salaries and wages, commissions, dismissal pay, vacation pay, and paid bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Include supplemental cost for benefits such as employer's social security contributions, unemployment compensation, workman's compensation insurance, life and medical insurance, pension plans, etc.

Item 9 – Contract Labor – Includes the labor costs of workers furnished on a contract basis by labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. DO NOT include costs for building or repair work done by a construction contractor. Include the cost of customwork or machine hire in item 11.

Item 10 – Repair and Maintenance Expenses for the Upkeep of Buildings, Motor Vehicles, and Farm Equipment – Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. DO NOT include repairs to vehicles not used in the farm business or for equipment used for performing customwork for others. DO NOT include expenditures for the construction of new buildings or the cost of additions to existing buildings.

Item 12 – Interest Expense Paid on Debts – Report all interest expenses paid in 1997 for the farm business. Include interest on loans secured by land and buildings (real estate) in item 12a. Include all loans not secured by real estate, such as for fertilizer, feed, and seed in item 12b and also include interest paid on CCC loans. DO NOT include interest associated with activities not related to production of crops or livestock on "THIS PLACE," such as land or buildings rented to others, packing sheds, or feed mills that provide services to others. DO NOT include interest on owner/operator dwelling where amount is separated from interest on other land and buildings on "THIS PLACE."

Item 13 – Cash Rent Paid for Land and Buildings in 1997 – Report rent paid in cash during 1997 for land and buildings on "THIS PLACE." DO NOT include rent paid for operator dwelling or other nonfarm property. DO NOT include the value of shares of crops or livestock paid to landlords.

Item 14 – Property Taxes Paid in 1997 – Include real estate property taxes you paid on the acres and buildings you operated and used in the farm business.

DO NOT include:

- Property taxes on land or buildings rented to someone else
- Taxes paid by landlords
- Property taxes paid on other property not associated with the farm business
- Income and excise taxes

Item 15 – All Other Production Expenses – Farm production costs not previously listed should be reported here. In addition to items listed on the report form, include bookkeeping charges, tax preparation fees, postage, advertising, commission for sale of cattle, and fees paid for farm-related advice or for farm consultants. DO NOT include depreciation or expenditures for the purchase of land and buildings or new or used machinery.

◆ Section 24 – MACHINERY AND EQUIPMENT

The estimated market value in item 1 refers to ALL machinery and equipment kept primarily on "THIS PLACE" and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Specialized equipment, which is an integral part of a building, should be included as a part of the value of land and buildings.

Include cars, trucks, tractors, planters, combines and heads, plows, disks, harrows, mowers, sprayers, wagons and trailers, loaders and backhoes, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, manure spreaders, livestock feeders, grinding and mixing equipment, etc.

◆ Section 25 – ESTIMATED CURRENT MARKET VALUE OF LAND AND BUILDINGS

The value for each of the three listed categories (owned land, land rented from others, and land rented to others) should be your estimate of the value of the land, houses, barns and other buildings if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land, house, and buildings could reasonably be assumed to be sold at that price. DO NOT deduct real estate marketing charges from your estimate. Report the total value, not the value on a per-acre basis.

◆ Section 26 – INCOME FROM FARM-RELATED SOURCES IN 1997

Items 1 through 4 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on "THIS PLACE" and which you do not consider as entirely separate from your farming activities. Report gross amounts received before taxes and expenses.

Item 1 – Customwork – DO NOT report income for customwork or agricultural services provided to others if operated as an entirely separate business from your agricultural operation.

Item 2 – Rental Income – DO NOT include rental income from nonfarm property.

Item 3 – Forest Products – Include only those forest products cut from "THIS PLACE," not items cut from other nonfarm timber acreage. DO NOT include income from saw mill business or from the sale of Christmas trees, maple syrup, or sap products.

Item 4 – Other Farm-Related Income – Include income from hunting leases, fishing fees, and other recreational services; sales of farm by-products; and other business or income closely related to the agricultural operation on "THIS PLACE." Include patronage dividends or rebates for business done with farmer-owned cooperatives. DO NOT enter previously reported farm sales or income from investments not associated with the farm. DO NOT include retirement pensions or social security benefits received.

◆ Section 27 – HIRED FARM OR RANCH LABOR

Report the number of paid farm or ranch workers doing agricultural labor. Include paid family members. Include workers such as hired bookkeepers, office workers, maintenance workers, etc., if their work is primarily associated with agricultural production on "THIS PLACE."

Remember to include in the "less than 150 day" category any short term or temporary workers who may have worked only a few days. DO NOT include contract labor or custom workers.

◆ Section 28 – INJURIES AND DEATHS

Injuries – Include all injuries resulting in lost worktime or medical care expense that occurred while doing farm or ranch work on or for "THIS PLACE" during 1997. Include injuries of family members, the operator, paid hired workers, and unpaid workers. DO NOT include injuries to contract workers. DO NOT include household injuries not related to the farming operation.

Deaths – Include all deaths that resulted from injuries or accidents related to farm or ranch work on or for "THIS PLACE." Include deaths of family members, the operator, paid hired workers, and unpaid workers. DO NOT include deaths of contract workers. DO NOT include deaths that resulted from natural or nonaccidental causes such as heart attacks, cancer, suicide, etc.

◆ Section 29 – TYPE OF ORGANIZATION

Use the following definitions to determine the type of organization for your operation:

Family or Individual Operation – Defined as farm or business organization controlled and operated by an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement.

Partnership Operation – Defined as two or more persons who have agreed on the amount of their contribution (capital and labor) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife DOES NOT constitute a partnership unless 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 defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition DOES NOT include cooperatives. Information on type of corporation should be reported in section 30.

Other – Such as cooperatives (defined as an incorporated or unincorporated enterprise or an association created and formed jointly by the members), estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, institution run by a government or religious entity, etc.

◆ Section 30 – CORPORATE STRUCTURE

This section is to be answered by corporations only. Answer both items. A family-held corporation has more than 50 percent of its stock owned by persons related by blood or marriage.

◆ Section 31 – CHARACTERISTICS AND OCCUPATION OF OPERATOR

This section collects information about the operator of "THIS PLACE" who is defined as the individual owner, the operator, the senior partner, or person in charge for the type of organization reported in section 29.

Family or Individual Operation – Complete this section for the operator.

Partnership Operations – Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "THIS PLACE," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming" worktime all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

Corporations and Other Operations (Cooperatives, Estates, etc.) – Complete this section for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 4 – Year Began Operation – Report the first year the operator or senior partner began to operate any part of "THIS PLACE" on a continuous basis. If the operator returned to a place previously operated, report the year operation was resumed.

◆ Section 32 – PERSON COMPLETING THIS REPORT

Complete this information and return completed form to: Census of Agriculture, 1201 East 10th St., Jeffersonville, IN 47131-1700.

NATIONAL AGRICULTURAL STATISTICS SERVICE
U.S. Department of Agriculture
Rm 5805, South Building
1400 Independence Avenue, S.W.
Washington, D.C. 20250-2000
202-720-7017

AMERICAN INDIAN RESERVATIONS
1997 CENSUS OF AGRICULTURE

Form Approved
O.M.B. Number 0535-0226
Approval Expires 11/30/99
Project Code 650

Please make corrections to name, address and Zip Code, if necessary.

NUMBER OF AMERICAN INDIAN FARM or RANCH OPERATORS

1. Within the reservation named above, how many American Indians operate a farm/ranch? (*Farms/ranches are defined as any location from which $1,000 or more of agricultural products were produced and sold or normally would have been sold during 1997.* ***Exclude*** *as operators, persons who work only as employees or who conduct no farm/ranch activity but receive a payment as a share of reservation farming/ranching.*) . . . . . **NUMBER** [ ]

2. List the county(s) where your reservation is located and the number of operators in each county.

COUNTY NAME	STATE	NUMBER OF OPERATORS

[*Total should equal item 1 above.*]

3. Does (*item 1 answer*) include the operators from all tribes on this reservation?

☐ **YES** - [*Go to item 4.*] ☐ **NO** - Please list the tribes included in item 1 above.

_____

_____

_____

4. Person completing this report--

NAME	TELEPHONE ( )	DATE

Public reporting burden for this survey is estimated to average 10 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. Federal agencies may not conduct or sponsor, and a person is not required to respond to, information collection unless it displays a currently valid OMB number.

SPECIAL INSTRUCTIONS FOR AMERICAN INDIAN RESERVATIONS
1997 Census of Agriculture

American Indian reservations on which farming or ranching are practiced and operators on them are counted in the census of agriculture.

> To improve the total count of American Indian farmers and ranchers, a short additional form entitled "American Indian Reservations" is included with your regular census of agriculture report form. This form asks the count of American Indian farmers and ranchers operating (having $1,000 or more in agricultural sales) on reservation land. Please complete it and return it in the same postage paid envelope used for your census of agriculture report.

These special instructions apply to **BOTH** enclosed report forms. They supplement the enclosed Information Sheet. Before returning your report forms, please be sure you complete all sections that apply to your operations. Please give your best estimate if the requested information is not available from your records.

For your regular census of agriculture form (The form with the barn and silo logo):

SECTION 1:

- Report all reservation land used by the tribe in common and also by individual members.
  Include Federal and State land leased as land rented from others.
  Exclude any national grasslands administered by the Forest Service used on a permit basis, this should be reported in item 7.

  Item 1: Report all land in the reservation or reporting unit.
  Include reservation land used for grazing on a per-head basis.

  Item 2: Report all land rented or leased from others including land used rent free.
  Include as rented any Section 15 land administered by the Bureau of Land Management.

  Item 3: Report all land rented or leased to non-tribal members.
  Include land worked by non-tribal members on a share basis or rent free. Report land rented or leased for nonagricultural uses. **Exclude** land which non-tribal members use for grazing on a per-head basis.

  Item 7: Mark (X) all permits held by the reservation as permitted.

  Item 8: Report the county or counties in which the land reported in item 4 is located.
  Estimate the acreage for each county if it is not known.

SECTION 2 - 8:

- Report any crops that were harvested from the reservation during 1997.
  Exclude crops harvested on land rented to others.

SECTION 9:

- Report sales of any crops grown on the reservation and sold in 1997.
  Exclude the amount received as share payment from land leased to others.

For your " American Indians Reservations" form (The form with the NASS logo):

If the value of sales of each operator is not known, estimate the number who met the definition listed in Item 1. For this report, your reservation is defined as the acreage reported in Section 1, Item 4 of your regular census of agriculture report form.

For **BOTH** forms:

Please print your name on **BOTH** report forms and give us your phone number before returning the completed report forms.

If you need additional help in completing either report form, please call the Census Division, toll free at 1-888-4AG-STAT or 1-888-424-7828 between 7:00 a.m. and 5:00 p.m. Eastern time and request help for your reservation reports.

Your help in completing the 1997 Census of Agriculture is appreciated. Thank you for your cooperation.

NATIONAL AGRICULTURAL STATISTICS SERVICE
U.S. Department of Agriculture
Rm 5805, South Building
1400 Independence Avenue, S.W.
Washington, D.C. 20250-2000
202-720-7017

Nonresponse Survey
1997 Census of Agriculture

AG CENSUS USA

Form Approved
O.M.B. Number 0535-0276
Approval Expires 11/30/99
Form 97-A46

[**ENUMERATOR ACTION:** *Circle the final result of the case:*]

Complete

Inaccessible / Incomplete

Refusal

Duplicate

Deceased (*before 1997*)

1. [*Please verify name and mailing address of this operation. Make corrections (including the correct operation name) on the label and continue.*]. . . . . ☐ [*Check if name and address are verified.*]
2. [*Enter name and phone number of Respondent.*]

_____ (*Name of Respondent*) _____ (*Area Code and Number*)

3. [*Enter relationship of Respondent to [person/operation named on label]. Circle one.*]

Operator/Manager/Partner Spouse Accountant Other (*Specify*): _____

STEP 1: **These questions are about the ways you may have been involved in agriculture during 1997.**

Please answer these questions for [*person/operation named on label*].

[*If Respondent answers **YES** to **ANY** of the following questions, **Go to Step 2** on **page 2**.*]

1. **At any time during 1997, did you plant, grow, sell or have any crops?**

For example:
- Fruit, nut or citrus trees
- Vegetables, melons or berries
- Hay or haylage
- Grains, oil seeds or field crops
- Dry beans, rice or potatoes
- Tobacco
- Grapevines
- Maple sap
- Other crops

. . . . . YES ☐ NO ☐

DO NOT INCLUDE crops grown for home use.

2. **At any time during 1997, did you plant, grow, sell or have any greenhouse or nursery crops?**

For example:
- Mushrooms or sod
- Christmas trees
- Bulbs, flowers or flower seeds
- Vegetable seeds or plants
- Vegetables under protection
- Other greenhouse or nursery crops

. . . . . YES ☐ NO ☐

3. **At any time during 1997, did you raise, sell or keep any livestock?**

For example:
- Horses, ponies or other equine
- Fish or shellfish in captivity
- Chickens or other poultry
- Mink or rabbits
- Llamas, emus or ostriches
- Bees for honey
- Cattle, hogs, sheep or goats
- Livestock grown for home use or as a hobby
- Other livestock

. . . . . YES ☐ NO ☐

4. **Did you have any pastureland or rangeland in 1997, including cropland or woodland used only for pasture?** . . . . . YES ☐ NO ☐

5. **Did you receive payments in 1997 for participation in Federal farm programs?**

For example:
- Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP) payments
- Disaster payments
- Soil conservation payments
- Indemnity program payments

. . . . . YES ☐ NO ☐

6. [*If **YES** to **ANY** of the above questions, **Go to Step 2** on **page 2**.*
*If **NO** to **ALL** of the above questions, **Go to Step 8**, on **page 4**.*]

STEP 2: **These next questions are about the NUMBER OF ACRES that were owned or used at any time during 1997. Include all land owned, rented or used by you or by the partnership, corporation or organization for which you are reporting.**

The land does not have to be "agricultural" and it does not have to be located in a single place.

INCLUDE:
- Cropland
- Pastureland/rangeland
- Idle land
- Woodland
- Farmstead
- Wasteland, roads or ditches
- Conservation Reserve Program (CRP) land
- Wetlands Reserve Program (WRP) land
- Ponds or wetlands
- Buildings or structures
- Other land

1. **How many acres of land were owned during 1997?** . . . . . + [ ] **acres**

2. **In 1997, how many acres of land were rented or leased FROM OTHERS?**

   INCLUDE:
   - Land worked by you on shares
   - Land used rent free
   - Leased Federal, State or railroad land
   - Land used in exchange for services or payment of taxes

   . . . . . + [ ] **acres**

   DO NOT INCLUDE land used on a per-head or Animal Unit Month (AUM) basis under a grazing permit.

3. **In 1997, how many acres of land were rented or leased TO OTHERS?**

   INCLUDE:
   - Land worked on shares by others
   - Land subleased
   - Land used rent free
   - Land rented in exchange for services or payment of taxes

   . . . . . - [ ] **acres**

4. **Then the number of ACRES IN THIS PLACE was --**
   [*Total 1 + 2 - 3.*] . . . . . = [ ] **ACRES IN THIS PLACE**

STEP 3: **These questions are about some of the ways the ACRES IN THIS PLACE were used in 1997.**

DO NOT INCLUDE land rented to others.

1. **Of the** [*Step 2, Item 4*] **ACRES IN THIS PLACE --**

   a. **how many acres were cropland which was harvested?** . . . . . + [ ] **acres**

   b. **how many acres were cropland on which all crops failed?**

      DO NOT INCLUDE orchards, groves and vineyards on which the crop failed. . . . . + [ ] **acres**

   c. **how many acres were pastureland or rangeland?**

      INCLUDE cropland and woodland used only for pasture. . . . . + [ ] **acres**

   d. **how many acres were any other type of land, such as land in woodland, farmsteads, ponds, wetlands, roads, wasteland, idleland, etc.?** . . . . . + [ ] **acres**

   e. **[ENUMERATOR INSTRUCTION:** *Step 3, Items 1a + 1b + 1c + 1d must equal Step 2, Item 4, ACRES IN THIS PLACE.*] . . . . . = [ ] **ACRES IN THIS PLACE**

2. **Of the** [*Step 2, Item 4*] **ACRES IN THIS PLACE, how many acres were under the Conservation Reserve Program or Wetlands Reserve Program (CRP or WRP)?** . . . . . [ ] **acres**

STEP 4: Now I'm going to ask about CROPS HARVESTED from the ACRES IN THIS PLACE in 1997.

INCLUDE:
- Fruit, nut or citrus
- Vegetables, melons or berries
- Hay or haylage
- Grains, oil seeds or field crops
- Greenhouse or nursery crops
- Dry beans, rice or potatoes
- Peanuts
- Grapes
- Tobacco
- Christmas trees
- Other crops

1. **Were any crops harvested from the** [*Step 2, Item 4*] **ACRES IN THIS PLACE in 1997, including crops grown under contract?**

☐ **YES** - [***Continue.***] ☐ **NO** - [***Go to Step 5.***]

What crops were harvested in 1997?	How many acres of [*crop*] were harvested in 1997?

STEP 5: These questions are about LIVESTOCK and POULTRY on the ACRES IN THIS PLACE on December 31, 1997, or sold in 1997. Please provide information about all livestock and poultry, whether owned by you or by others.

INCLUDE:
- Horses, ponies or other equine
- Fish or shellfish in captivity
- Chickens or other poultry
- Mink or rabbits
- Llamas, emus, ostriches
- Bees for honey
- Cattle, hogs, sheep or goats
- Livestock grown for home use or as a hobby
- Other livestock

1. **Were any livestock or poultry, regardless of ownership, on the** [*Step 2, Item 4*] **ACRES IN THIS PLACE in 1997?**

☐ **YES** - [***Continue.***] ☐ **NO** - [***Go to Step 6.***]

What type of livestock were on THIS PLACE in 1997?	How many [*livestock*] were on THIS PLACE on December 31, 1997?	How many [*livestock*] were sold or removed from THIS PLACE in 1997?

STEP 6: GROSS VALUE OF SALES

1. **What was the total gross value of sales for the** [*Step 2, Item 4*] **ACRES IN THIS PLACE in 1997 -- $1,000 or more, less than $1,000 or none?**

INCLUDE:
- Sales of all crops, livestock, poultry and livestock products (*milk, eggs, etc.*) sold in **1997**
- The value of products removed for all crops, livestock and poultry produced under production contracts in **1997**
- Sales of all miscellaneous agricultural products in **1997**
- The value of government CCC loans received in **1997**
- Landlord's share of crops sold in **1997**

DO NOT INCLUDE payments for participation in Federal farm programs.
DO NOT INCLUDE income received in payment for the use of land.

☐ **$1,000 or more**
☐ **Less than $1,000**
☐ **None**

2. **What was the total amount received in 1997 for participation in Federal farm programs?** . . . . . NONE ☐ $ .00

STEP 7: **These questions ask for information about any other person(s) who may have been involved in THIS PLACE during 1997.**

1. **At any time during 1997, were there any other individuals associated with the operation of the ACRES IN THIS PLACE?**

   INCLUDE:
   - Partners, relatives, managers or other associated persons
   - All individuals whether they lived on or off the **ACRES IN THIS PLACE**

   ☐ **YES** - [***Continue.***] ☐ **NO** - [***Go to Item 2.***]

What were the names of these individuals?	What is the mailing address of [*individual*] (*including City, State, ZIP Code*)?	What is the family relationship of [*individual*] to [*person/operation named on label*]?	What is the business relationship of [*individual*] to [*person/operation named on label*]?

2. **Was any farm or business name, other than the name on the mailing label, used for the ACRES IN THIS PLACE in 1997?**

   ☐ **YES** - [***Continue.***] ☐ **NO** - [***Go to Item 3.***]

Farm or Business Name	Mailing Address, City, State, ZIP Code

3. **To assist in identifying duplication with our list of farm operators, please report the operator's Social Security Number (SSN). If this operation has a Federal Employer Identification Number (EIN), this would also be helpful. Disclosure of the SSN and EIN is voluntary and is collected under the general authority of Title 7, Section 2204, of the U.S. Code.**

Operator's SSN	Federal EIN
___ ___ ___ - ___ ___ - ___ ___ ___ ___	___ ___ - ___ ___ ___ ___ ___ ___ ___

4. [***Go to Step 9, CONCLUSION.***]

STEP 8: [**ENUMERATOR NOTE:** *Complete this step ONLY if Respondent answered NO to ALL questions in Step 1.*]

Please answer these questions for [*person/operation named on label*].

	YES	NO
1. **Was all of your land removed from agricultural production before January 1, 1997?**	☐	☐
2. **During 1997, did you rent out your land for agricultural production?**	☐	☐
3. **During 1997, did you participate as a partner, investor or corporate member of a farm or ranch operated by someone else?**	☐	☐
4. **Did you retire from farming or ranching before January 1, 1997?**	☐	☐
5. **Did you used to be involved in an agricultural operation?**	☐	☐
6. **Was the farm or ranch sold before January 1, 1997?**	☐	☐
7. **During 1997, did you participate in agricultural activities other than agriculture production, such as farm supplier, feed mill operator, provider of custom work, farm market owner, etc.?**	☐	☐
8. **Is there any other reason you were not involved in agriculture during 1997?**	☐	☐

[*If YES ask:*]
What is the reason?

STEP 9: **CONCLUSION:** [*Conclude the interview.*] **Thank you for your help.**

Enumerator Name:	*Date:*

[**ENUMERATOR NOTE:** *Complete disposition code box on top right of page 1.*]

NOTICE: Response to this inquiry is required by law (*Title 7, U.S. Code*). By the same law, **YOUR REPORT IS CONFIDENTIAL** and will only be used for statistical purposes. Your report **CANNOT** be used for purposes of taxation, investigation or regulation. The law also provides that copies retained in your files are immune from legal processes.

OMB No. - 0535-0230

Approval Expires - 11/30/00

Form 97-A90

AG CENSUS USA

EVALUATION OF 1997 CENSUS OF AGRICULTURE

Please return your completed report in the enclosed postage paid envelope to your State Agricultural Statistics Service Office.

Please correct errors in name, address and ZIP Code. ***ENTER*** *street address if not shown.*

THANK YOU FOR YOUR RESPONSE TO THE 1997 CENSUS OF AGRICULTURE.

YOU CAN HELP US AGAIN BY COMPLETING THIS QUESTIONNAIRE.

What is the purpose of this questionnaire?

We are evaluating the 1997 Census of Agriculture. The results of this study will measure the number of farms and ranches that were incorrectly counted -- some may have been counted when they should not have been and others may have been missed. Some farms may have been counted more than once. These errors result from inaccurate or incomplete information, as well as differences in the way the census of agriculture and others define a "farm" or "ranch". Although this questionnaire collects information similar to the census of agriculture report form, your answers will help us identify and measure these errors.

Why am I receiving this questionnaire?

Results from past censuses have shown that contacting some respondents a second time helps identify problems in our census processes. Since this follow-up is expensive, we only contact a small sample of census respondents. The information you provide will represent many others who do not receive this questionnaire.

What if I did not produce agricultural products in 1997 or do not consider myself a farmer or rancher?

Even if you had no agricultural operations, please complete the appropriate sections and return this form. Your information will help to accurately measure the number of operations incorrectly counted in the census.

Is my response required?

Yes, by law (*Title 7, United States Code*).

Will my answers be kept confidential?

Yes, by the same law (*Title 7. U.S. Code*), your response to the census of agriculture is kept confidential. It can only be used to prepare statistical summaries that will not reveal information about you as an individual.

When is the questionnaire due?

We need your response within 10 days. Fill out the enclosed questionnaire and return it in the postage paid envelope provided. Please give the information even if you already answered these questions in the census.

Thank you for taking part in this effort to improve the quality of agricultural statistics.

Sincerely,

Rich Allen

Rich Allen
Chairperson
Agricultural Statistics Board
National Agricultural Statistics Service

Continue On Page 2

STEP 1: **These questions are about the ways you or any member of your household may be involved in agriculture. It is important that you answer these questions because the census of agriculture's definition of a "farm" includes a broad variety of activities, some of which you may not consider agriculture.**

Please answer these questions for the person or operation named on the mailing label.

1. At any time during **1997**, did you plant, grow, sell or have any crops?

   For example:
   - Fruit, nut or citrus trees
   - Vegetables, melons or berries
   - Hay or haylage
   - Grains, oil seeds or field crops
   - Dry beans, rice or potatoes
   - Tobacco
   - Grapevines
   - Maple sap
   - Other crops

   YES ☐ NO ☐

   DO NOT INCLUDE crops grown for home use

2. At any time during **1997**, did you plant, grow, sell or have any greenhouse or nursery crops?

   For example:
   - Mushrooms or sod
   - Christmas trees
   - Bulbs, flowers or flower seeds
   - Vegetable seeds or plants
   - Vegetables under protection
   - Other greenhouse or nursery crops

   YES ☐ NO ☐

3. At any time during **1997**, did you raise, sell or keep any livestock?

   For example:
   - Horses, ponies or other equine
   - Fish or shellfish in captivity
   - Chickens or other poultry
   - Mink or rabbits
   - Llamas, emus or ostriches
   - Bees for honey
   - Cattle, hogs, sheep or goats
   - Livestock grown for home use or as a hobby
   - Other livestock

   YES ☐ NO ☐

4. During **1997**, did you grow or raise crops, livestock, poultry or their products that were sold directly to individual customers?

   For example:
   - Roadside stands
   - Farmers' markets
   - Pick-your-own
   - Sales at your door
   - Door-to-door

   YES ☐ NO ☐

5. Did you have any pastureland or rangeland in **1997**, **including** cropland or woodland used only for pasture?. . . . . YES ☐ NO ☐

6. During **1997**, were you involved in the day-to-day decisions for an agricultural operation? . . . . . YES ☐ NO ☐

7. Did you receive payments in **1997** for participation in Federal farm programs?

   For example:
   - Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP) payments
   - Disaster payments
   - Soil conservation payments
   - Indemnity program payments

   YES ☐ NO ☐

If you answered **YES** to **ANY** of the above questions, ***CONTINUE with STEP 2 on page 3.***
If you answered **NO** to **ALL** of the above questions, ***SKIP to STEP 9, on page 8.***

Continue On Page 3

STEP 2: **This step asks about the NUMBER OF ACRES that were owned or used at any time during 1997 by the person or operation named on the mailing label. Include all land owned, rented or used by you, your spouse or by the partnership, corporation or organization for which you are reporting.**

The land does not have to be **"agricultural"** and it does not have to be located in a single place.

INCLUDE:
- Cropland
- Pastureland/rangeland
- Idle land
- Woodland
- Farmstead
- Conservation Reserve Program (CRP) land
- Wetlands Reserve Program (WRP) land
- Wasteland, roads or ditches
- Ponds or wetlands
- Buildings or structures
- Other land

1. How many acres of land were owned during **1997**? . . . . . NONE ☐ + [ ] **acres**

2. In **1997**, how many acres of land were rented or leased **FROM OTHERS**?

   INCLUDE:
   - Land worked by you on shares
   - Land used rent free
   - Leased Federal, State or railroad land
   - Land used in exchange for services or payment of taxes . . . . . NONE ☐ + [ ] **acres**

   DO NOT INCLUDE land used on a per-head or Animal Unit Month (AUM) basis under a grazing permit

3. In 1997, how many acres of land were rented or leased TO OTHERS?

   INCLUDE:
   - Land worked on shares by others
   - Land subleased
   - Land used rent free
   - Land used in exchange for services or payment of taxes . . . . . NONE ☐ - [ ] **acres**

4. Please add ***question 1*** and ***question 2***, then subtract ***question 3***.

   The resulting **acreage** is your **" CENSUS PLACE",** and should be used for **completing** this **questionnaire** . . . . . NONE ☐ = [ ] **CENSUS PLACE**

STEP 3: **These questions are about some of the ways the acres in your CENSUS PLACE were used in 1997.**

DO NOT INCLUDE land rented to others

1. Of the land in your **CENSUS PLACE** (acres calculated in **Step 2, question 4**):

   a. How many acres were cropland which was harvested? . . . . . [ ] **acres**

   b. How many acres were cropland on which all crops failed?

      DO NOT INCLUDE orchards, groves and vineyards on which the crop failed . . . . . [ ] **acres**

   c. How many acres were pastureland or rangeland?

      INCLUDE cropland and woodland used only for pasture . . . . . [ ] **acres**

   d. How many acres were any other type of land, such as land in woodland, farmsteads, ponds, wetlands, roads, wasteland, idle land, etc.? . . . . . [ ] **acres**

2. How many acres were under the **Conservation Reserve Program** (CRP) or **Wetlands Reserve Program** (WRP)? . . . . . [ ] **acres**

Continue On Page 4

STEP 4: **This step asks about the CROPS that were HARVESTED from your CENSUS PLACE in 1997. Please provide information about all crops, including those grown under contract.**

INCLUDE the landlord's share of harvest

DO NOT INCLUDE crops grown on land rented **TO** others

1. For each of the following crops, report the number of acres and quantity harvested from your **CENSUS PLACE** in **1997**:

	NONE	Number of Acres Harvested in 1997	Quantity Harvested in 1997
a. Alfalfa and alfalfa mixtures for dry hay • **INCLUDE** CRP land hayed • If two or more cuttings were made from the same acres, report acres only once	☐		tons, dry
b. All other dry hay, grass silage, haylage and green chop **INCLUDE** grain hay, tame hay and wild hay	☐		tons, dry
c. Corn for grain or seed	☐		bu.
d. Soybeans for beans	☐		bu.
e. Wheat for grain **INCLUDE** winter, spring, and durum wheat	☐		bu.
f. Cotton	☐		bales
g. Tobacco (*all types*)	☐	.	lbs.
h. Vegetables, sweet corn, melons, etc. for sale **DO NOT INCLUDE** vegetables grown for home use	☐	.	

2. In **1997**, how many acres of land were in bearing or nonbearing fruit orchards, citrus or other groves, vineyards, or nut trees of all ages?

DO NOT INCLUDE abandoned acres ☐ . ____

3. Were any other crops harvested from your **CENSUS PLACE** in **1997**?

For example:
- Oats, barley, sorghum or other grains
- Dry beans, dry peas or rice
- Potatoes
- Peanuts
- Field seeds
- Berries
- Nursery or greenhouse crops
- All other crops

☐ **YES** [*Enter the crop name(s), number of acres, quantity harvested and units below.*]
☐ **NO** [*Go to* ***Step 5, on page 5.***]

Name of Crop	Number of Acres Harvested in 1997	Quantity Harvested in 1997	Units

(*If more space is needed, use a separate sheet of paper.*)

Continue On Page 5

STEP 5: **This step asks about the LIVESTOCK and POULTRY on your CENSUS PLACE. Please include livestock and poultry present on December 31, 1997, no matter who owned them.**

INCLUDE livestock grown for others on a contract basis

1. For each of the following types of livestock, report the number on your **CENSUS PLACE December 31, 1997**, regardless of ownership:

	NONE	Number on your CENSUS PLACE December 31, 1997
a. Beef cows and beef heifers that had calved	☐	
b. Milk cows, dry milk cows and milk heifers that had calved	☐	
c. Other cattle and calves **INCLUDE** heifers, heifer calves, steers, steer calves,bulls and bull calves	☐	
d. Hogs and pigs of all ages	☐	
e. Sheep and lambs of all ages	☐	

2. Were any other livestock or poultry, regardless of ownership, on your **CENSUS PLACE December 31, 1997**?

For example:
- Chickens, turkeys or broilers
- Ducks, geese or other poultry
- Horses or ponies
- Fish in captivity
- Sheep or goats
- Bees
- Mink or rabbits
- All other livestock

☐ **YES** - [*Enter the kind and number of livestock or poultry below.*]
☐ **NO** - [*Go to **Step 6.***]

Kind of Livestock, Poultry or Animal Specialty	Number on your CENSUS PLACE December 31, 1997

(*If more space is needed, use a separate sheet of paper.*)

STEP 6:

1. In what county was the largest value of your agricultural products raised or produced in 1997?

a. If you also had agricultural operations in any other county(ies), enter the county name(s), etc.

	County Name	State	Number of Acres
Principal County			
Other Counties			

2. Please provide names and mailing addresses of the landlords **FROM** whom you rented land, used land rent free or worked land on shares (*acres reported in **Step 2, question 2***). If you had more than three landlords, provide information for the three largest acreages.

Name of Landlord	Mailing Address, City, State, ZIP Code	Number of Acres

3. Provide names and mailing addresses of the persons **TO** whom you rented land (*acres reported in **Step 2, question 3***). If you rented land to more than three persons, provide information for the three largest acreages.

Name of Tenant	Mailing Address, City, State, ZIP Code	Number of Acres

4. How many of the acres rented or leased **TO OTHERS** did you own? NONE ☐ _____ acres

Continue On Page 6

STEP 7: **This step asks for information about any person*(s)* who may have been involved in your CENSUS PLACE during 1997. We know that our mailing list contains outdated addresses as well as duplicates and we need to make sure we count each *"farm"* or *"ranch"* only once.**

1. What is the name of the person making the majority of the management decisions regarding your **CENSUS PLACE**?

   This person will be referred to as the **OPERATOR** of your **CENSUS PLACE**

First Name:	Middle Name:	Last Name:

2. What is the name of the **operator's SPOUSE**?

First Name:	Middle Name:	Last Name:

3. Does the operator live on your **CENSUS PLACE**?

   ☐ **YES**
   ☐ **NO**

4. At which occupation did the operator spend the majority (*50 percent or more*) of his/her worktime in **1997**?

   ☐ **Farming** or **Ranching**
   ☐ **Other**

5. In what year did the operator begin to operate any part of your **CENSUS PLACE**?

   [ ] **Year**

6. What was the operator's age on **December 31,1997**?

   [ ] **Years of age**

7. What is the race of the operator?

   ☐ **White**
   ☐ **Black, African American or Negro**
   ☐ **American Indian**
   ☐ **Asian or Pacific Islander**
   ☐ **Other** - (*Specify*):

8. What is the operator's sex?

   ☐ **Male**
   ☐ **Female**

9. Is the operator of Spanish, Hispanic or Latino origin or background, regardless of race?

   ☐ **YES**
   ☐ **NO**

10. In the past two years, has the operator received mail at any address other than the one shown on the mail label?

    INCLUDE address changes made by the post office

    ☐ **YES** - [*Enter the other address below.*]
    ☐ **NO** - [*Go to **question 11.***]

    Mailing Address, City, State, ZIP Code:

11. Was any farm/ranch or business name, other than the name on the mailing label, used for your **CENSUS PLACE** in **1997**?

    ☐ **YES** - [*Enter the other name and address below.*]
    ☐ **NO** - [*Go to **question 12.***]

Farm or Business Name:	Mailing Address, City, State, ZIP Code:

Continue On Page 7

STEP 7: (*Continued*)

12. Which type of organization best describes your **CENSUS PLACE** in **1997**?

- ☐ **Individual** or **family operation** (*sole proprietorship*) (***Excluding*** *partnerships or corporations*)
- ☐ **Partnership operation** (***Including*** *family partnerships*)
- ☐ **Corporation** - incorporated under State law (***Including*** *family-held corporations*)
- ☐ **Other** - such as estate or trust, prison farm, grazing association, Indian reservation, etc.

(*Specify*): _____

13. At any time during **1997**, were there any other individuals associated with the operation of your **CENSUS PLACE**?

For example:
- Partners, relatives, managers or other associated persons (*but not hired help*)
- All individuals whether they lived on or off your **CENSUS PLACE**

☐ **YES** - [*Enter the information for* ***each person below.***]
☐ **NO** - [*Go to* ***Step 8.***]

Name	Mailing Address, City, State, ZIP Code	Family relationship of this individual to operator of CENSUS PLACE	Business relationship of this individual to operator of CENSUS PLACE

(*If more space is needed, use a separate sheet of paper.*)

STEP 8: **This step asks about the total gross value of sales and government payments for your CENSUS PLACE in 1997.**

1. What was the total gross value of sales for your **CENSUS PLACE** in **1997**?

INCLUDE:
- Sales of all crops, livestock, poultry and livestock products (*milk, eggs, etc.*) sold in **1997**
- The value of products removed for all crops, livestock and poultry produced under production contracts in **1997**
- Sales of all miscellaneous agricultural products in **1997**
- The value of government CCC loans received in **1997**
- Landlord's share of crops sold in **1997**

DO NOT INCLUDE payments for participation in Federal farm programs
DO NOT INCLUDE income received in payment for the use of land

- ☐ None
- ☐ Less than $1,000
- ☐ $ 1,000 to $ 2,499
- ☐ $ 2,500 to $ 4,999
- ☐ $ 5,000 to $ 9,999
- ☐ $ 10,000 to $24,999
- ☐ $ 25,000 to $ 49,999
- ☐ $ 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

2. Please list the crops, livestock, poultry or their products sold or removed from your **CENSUS PLACE** in **1997**:

_____

3. What was the total amount received in **1997** for participation in Federal farm programs? . . . . . **NONE** ☐ **$ .00**

Continue with Step 10, On Page 8

STEP 9: **Complete this step ONLY if you answered "NO" to ALL questions in Step 1.**

Please answer these questions for the person or operation named on the mailing label.

		YES	NO
1.	Was all of your land removed from agricultural production before **January 1, 1997**?	☐	☐
2.	During **1997**, did you rent out your land for agricultural production?	☐	☐
3.	During **1997**, did you participate as a partner, investor or corporate member of a farm or ranch operated by someone else?	☐	☐
4.	Did you retire from farming or ranching before **January 1, 1997**?	☐	☐
5.	Are you no longer involved in an agricultural operation?	☐	☐
6.	Was the farm or ranch sold before **January 1, 1997?**	☐	☐
7.	During **1997**, did you participate in agricultural activities other than agriculture production, such as farm supplier, feed mill operator, provider of custom work, farm market owner, etc.?	☐	☐
8.	Is there any other reason you were not involved in agriculture during **1997**?	☐	☐

If **YES**, please specify:

STEP 10: **Person completing this report - Please Print**

Name:	Date:	Telephone: ( )
		(Area Code) *(Number)*

THANK YOU FOR YOUR HELP.

*Please place this form in the enclosed postage paid envelope and mail to your **State Agricultural Statistics Service.***

AG CENSUS USA

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The time required to complete this information collection is estimated to average 15 minutes per response.

Appendix E.
Conversion From the 1987 Standard Industrial Classification System to the 1997 North American Industry Classification System

In previous agriculture censuses, farms were classified by type of activity or activities according to the Standard Industrial Classification (SIC). For 1997 a new classification system, the North American Industry Classification System (NAICS), replaced the SIC. NAICS was developed jointly by Mexico, Canada, and the United States to make the industrial statistics produced in the three countries comparable.

Table A ''Selected Characteristics of Farms by Standard Industrial Classification: 1997'' is provided as a bridge table and will not be provided in future census publications. Table B ''1997 NAICS U.S. Matched to 1987 U.S. SIC'' provides excerpts from the 1997 NAICS Manual[1] to assist the data user when making comparisons of establishment data between classification systems. The following text describes the classification methodology for the SIC system.

An establishment primarily engaged in crop production (major group 01) or production of livestock and animal specialties (major group 02) is classified in the four-digit industry and three-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural products. If the total value of sales of agricultural products of an establishment is less than 50 percent from a single four-digit industry, but 50 percent or more from the products of two or more four-digit industries within the same three-digit industry group, the establishment is classified in the miscellaneous industry of that industry group. Otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291. Establishments that derive 50 percent or more of the value of sales from horticultural specialties of industry group 018 are classified in industry 0181 or 0182 according to their primary activity.

The SIC groupings, together with the associated products (value of sales representing 50 percent or more of the value of agricultural products sold during the year) on which the classification is based, are as follows:

Cash grains (011). Wheat, rice, corn, soybeans, barley, buckwheat, cowpeas, dry field and seed beans and peas, flaxseed, lentils, mustard seed, oats, popcorn, rye, safflower, sorghum, sunflowers, and other small grains.

Cotton (0131). Cotton and cottonseed.

Tobacco (0132). Tobacco.

Sugarcane, sugar beets, potatoes, hay, peanuts, and other field crops (0133, 0134, 0139). Sugarcane, sugar beets, potatoes, alfalfa, broomcorn, clover, grass seed, hay, hops, mint, peanuts, sweet potatoes, timothy, and yams.

Vegetables and melons (016). Vegetables and melons grown in the open.

Fruits and tree nuts (017). Berries, grapes, tree nuts, citrus fruits, deciduous tree fruits, avocados, bananas, coffee, dates, figs, olives, pineapples, and tropical fruit.

Horticultural specialties (018). Bedding plants, bulbs, florists' greens, flower and vegetable seeds, flowers, foliage, fruit stocks, nursery stock, ornamental plants, shrubbery, sod, mushrooms, and vegetables grown under cover.

General farms, primarily crops (019). Crops, including horticultural specialties, but less than 50 percent of sales from any single three-digit industry group.

Livestock, except dairy, poultry, and animal specialties (021). Cattle, calves, hogs, sheep, goats, goats' milk, mohair, and wool.

Beef cattle, except feedlots (0212). Production or feeding of beef cattle, except feedlots.

Dairy farms (024). Production of cows' milk and other dairy products and raising of dairy heifer replacements.

Poultry and eggs (025). Chickens, chicken eggs, turkeys, ducks, geese, pheasants, pigeons, quail, and squab.

Animal specialties (027). Fur-bearing animals, rabbits, horses, ponies, bees, fish in captivity including fish hatcheries, worms, and laboratory animals.

General farms, primarily livestock and animal specialties (029). Livestock and animal specialties and their products, but less than 50 percent of sales from any three-digit industry group.

[1]North American Industry Classification System, United States, 1997. For sale by the National Technical Information Service (NTIS), U.S. Department of Commerce, Springfield, VA 22161 or contact the NTIS website at http://www.ntis.gov/search htm/.

Table A. **Selected Characteristics of Farms by Standard Industrial Classification: 1997**

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

SIC code	Farms	Land in farms (acres)	Harvested cropland (acres)	Estimated market value of selected capital assets[1], average per farm (dollars): Land and buildings	Estimated market value of selected capital assets[1], average per farm (dollars): Machinery and equipment	Market value of agricultural products sold ($1,000): Total	Market value of agricultural products sold ($1,000): Crops, including nursery and greenhouse crops	Market value of agricultural products sold ($1,000): Livestock, poultry, and their products
Total[2]	**46 027**	**9 872 812**	**6 724 480**	**358 166**	**66 361**	**3 567 825**	**2 199 721**	**1 368 104**
Crops (01)	26 644	6 417 257	4 847 684	409 982	74 997	2 088 048	2 014 404	73 644
Cash grains (011)	13 262	4 498 161	3 739 132	515 603	91 025	969 546	926 378	43 168
Wheat (0111)	531	53 901	27 528	229 217	38 120	4 127	4 044	83
Rice (0112)	–	–	–	–	–	–	–	–
Corn (0115)	4 183	1 326 437	1 051 232	479 507	83 213	267 418	261 318	6 099
Soybeans (0116)	4 346	1 066 093	890 853	399 411	71 519	195 511	193 158	2 352
Cash grains, n.e.c. (0119)	4 202	2 051 730	1 769 519	707 260	125 664	502 491	467 858	34 634
Field crops, except cash grains (013)	5 438	847 040	467 219	235 453	40 983	170 316	165 807	4 509
Cotton (0131)	–	–	–	–	–	–	–	–
Tobacco (0132)	–	–	–	–	–	–	–	–
Sugarcane and sugar beets (0133)	155	55 098	48 267	522 875	117 819	18 175	17 745	430
Irish potatoes (0134)	121	117 441	86 298	1 353 089	369 755	85 107	84 665	442
Field crops, except cash grains, n.e.c. (0139)	5 162	674 501	332 654	202 926	31 683	67 035	63 398	3 637
Vegetables and melons (016)	1 296	221 697	150 001	378 657	90 398	168 555	166 165	2 389
Fruits and tree nuts (017)	2 669	347 005	183 574	360 197	71 303	234 648	233 384	1 264
Berry crops (0171)	681	57 193	22 716	278 082	72 592	55 741	55 685	56
Grapes (0172)	287	20 225	11 130	254 111	43 524	10 627	10 593	34
Tree nuts (0173)	–	–	–	–	–	–	–	–
Citrus fruits (0174)	–	–	–	–	–	–	–	–
Deciduous tree fruits (0175)	1 398	234 654	132 391	448 535	82 631	157 700	156 590	1 110
Fruits and tree nuts, n.e.c. (0179)	303	34 933	17 337	231 730	40 864	10 580	10 516	64
Horticultural specialties (018)	2 228	139 899	55 740	311 092	70 192	443 126	442 975	151
Ornamental floriculture and nursery products (0181)	2 209	139 408	55 681	311 678	68 839	(D)	(D)	149
Food crops grown under cover (0182)	19	491	59	246 832	218 571	(D)	(D)	2
General farms, primarily crop (019)	1 751	363 455	252 018	374 330	61 142	101 856	79 695	22 162
Livestock and animal specialties (02)	18 506	3 350 091	1 830 600	289 768	55 621	1 446 015	151 640	1 294 375
Livestock, except dairy, poultry, and animal specialties (021)	8 390	1 342 887	666 265	251 604	41 990	456 836	61 911	394 925
Beef cattle feedlots (0211)	1 786	325 758	201 732	290 091	49 955	143 578	24 622	118 956
Beef cattle, except feedlots (0212)	4 334	623 230	212 496	204 037	32 816	55 879	7 019	48 860
Hogs (0213)	1 141	252 363	182 177	395 040	72 882	230 546	23 140	207 406
Sheep and goats (0214)	673	48 175	12 222	177 091	20 598	5 564	683	4 880
General livestock, except dairy, poultry, and animal specialties (0219)	456	93 361	57 638	306 938	53 910	21 269	6 447	14 822
Dairy farms (024)	3 212	1 412 512	1 040 741	574 961	141 135	739 173	69 983	669 190
Poultry and eggs (025)	390	38 321	20 083	295 867	75 315	172 472	4 763	167 708
Broiler, fryer, and roaster chickens (0251)	25	1 417	(D)	160 829	30 082	(D)	(D)	(D)
Chicken eggs (0252)	192	20 381	12 773	294 448	85 635	82 482	2 600	79 882
Turkeys and turkey eggs (0253)	64	9 459	5 648	658 182	164 654	86 105	1 828	84 277
Poultry hatcheries (0254)	5	581	(D)	232 375	72 375	(D)	(D)	(D)
Poultry and eggs, n.e.c. (0259)	104	6 483	667	129 374	14 585	1 919	59	1 860
Animal specialties (027)	3 662	171 348	22 677	181 383	25 643	40 465	958	39 507
Fur-bearing animals and rabbits (0271)	32	1 904	291	102 643	22 458	1 488	(D)	(D)
Horses and other equines (0272)	3 159	133 338	18 920	184 337	24 035	16 890	633	16 257
Animal aquaculture (0273)	50	4 903	191	178 140	52 156	3 483	(D)	(D)
Animal specialties, n.e.c. (0279)	421	31 203	3 275	169 074	33 339	18 604	309	18 295
General farms, primarily livestock and animal specialties (029)	2 852	385 023	80 834	209 763	32 695	37 069	14 024	23 044

[1]Data are based on a sample of farms.
[2]Detail may not add to total because some farms classified in the North American Industry Classification System are not farms under the Standard Industrial Classification system.

Table B. **1997 NAICS U.S. Matched to 1987 U.S. SIC**

	1997 NAICS code	1997 NAICS U.S. description	1987 SIC code	1987 U.S. SIC description
	11	Agriculture, Forestry, Fishing and Hunting		
	111	Crop Production		
	1111	Oilseed and Grain Farming		
	11111	Soybean Farming	0116	Soybeans
	11112	Oilseed (except Soybean) Farming	*0119	Cash Grains, NEC (oilseed, except soybean farming)
	11113	Dry Pea and Bean Farming	*0119	Cash Grains, NEC (dry pea and bean farms)
	11114	Wheat Farming	0111	Wheat
	11115	Corn Farming	0115	Corn
			*0119	Cash Grains, NEC (popcorn farming)
	11116	Rice Farming	0112	Rice
	11119	Other Grain Farming		
US	111191	Oilseed and Grain Combination Farming	*0119	Cash Grains, NEC (oilseed and grain combination farms)
US	111199	All Other Grain Farming	*0119	Cash Grains, NEC (except popcorn, soybean, and dry pea and bean, and oilseed and grain combination farms)
	1112	Vegetable and Melon Farming		
	11121	Vegetable and Melon Farming		
CAN	111211	Potato Farming	0134	Irish Potatoes
CAN	111219	Other Vegetable (except Potato) and Melon Farming	0161	Vegetables and Melons
			*0139	Field Crops Except Cash Grains (sweet potatoes and yams)
	1113	Fruit and Tree Nut Farming		
	11131	Orange Groves	*0174	Citrus Fruits (orange groves and farms)
	11132	Citrus (except Orange) Groves	*0174	Citrus Fruits (except, orange groves and farms)
	11133	Noncitrus Fruit and Tree Nut Farming		
US	111331	Apple Orchards	*0175	Deciduous Tree Fruits (apple orchards and farms)
US	111332	Grape Vineyards	0172	Grapes
US	111333	Strawberry Farming	*0171	Berry Crops (strawberry farms)
US	111334	Berry (except Strawberry) Farming	*0171	Berry Crops (except strawberry farms)
US	111335	Tree Nut Farming	0173	Tree Nuts
US	111336	Fruit and Tree Nut Combination Farming	*0179	Fruits and Tree Nuts, NEC (combination farms)
US	111339	Other Noncitrus Fruit Farming	*0175	Deciduous Tree Fruits (except apple orchards and farms)
			*0179	Fruit and Tree Nuts, NEC (except combination farms)
	1114	Greenhouse, Nursery, and Floriculture Production		
	11141	Food Crops Grown Under Cover		
CAN	111411	Mushroom Production	*0182	Food Crops Grown Under Cover (mushrooms, growing of)
CAN	111419	Other Food Crops Grown Under Cover	*0182	Food Crops Grown Under Cover (except mushroom, growing of)
	11142	Nursery and Floriculture Production		
CAN	111421	Nursery and Tree Production	*0181	Ornamental Floriculture and Nursery Products (nursery farming)
			*0811	Timber Tracts (short rotation woody crops)

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USDA, National Agricultural Statistics Service

	1997 NAICS code	1997 NAICS U.S. description	1987 SIC code	1987 U.S. SIC description
CAN	111422	Floriculture Production	*0181	Ornamental Floriculture and Nursery Products (floriculture farming)
	1119	Other Crop Farming		
	11191	Tobacco Farming	0132	Tobacco
	11192	Cotton Farming	0131	Cotton
	11193	Sugarcane Farming	*0133	Sugarcane and Sugar Beets (sugarcane farms)
	11194	Hay Farming	*0139	Field Crops, Except Cash Grains, NEC (hay farms)
	11199	All Other Crop Farming		
US	111991	Sugar Beet Farming	*0133	Sugarcane and Sugar Beets (sugar beet farms)
US	111992	Peanut Farming	*0139	Field Crops, Except Cash Grains, NEC (peanut farms)
US	111998	All Other Miscellaneous Crop Farming	*0139	Field Crops, Except Cash Grains, NEC (except peanut, sweet potato, yam and hay farms)
			0191	General Farms, Primarily Crop
			*0831	Forest Products (maple sap, gathering of)
			*0919	Miscellaneous Marine Products (plant aquaculture)
			*2099	Food Preparations, NEC (reducing maple sap to maple syrup)
	112	Animal Production		
	1121	Cattle Ranching and Farming		
	11211	Beef Cattle Ranching and Farming, including Feedlots		
US	112111	Beef Cattle Ranching and Farming	0212	Beef Cattle, Except Feedlots
			*0241	Dairy Farms (dairy heifer replacement farms)
US	112112	Cattle Feedlots	0211	Beef Cattle Feedlots
	11212	Dairy Cattle and Milk Production	*0241	Dairy Farms
	11213	Dual Purpose Cattle Ranching and Farming		Null Set for U.S.
	1122	Hog and Pig Farming		
	11221	Hog and Pig Farming	0213	Hogs
	1123	Poultry and Egg Production		
	11231	Chicken Egg Production	0252	Chicken Eggs
	11232	Broilers and Other Meat Type Chicken Production	0251	Broiler, Fryers, and Roaster Chickens
	11233	Turkey Production	0253	Turkey and Turkey Eggs
	11234	Poultry Hatcheries	0254	Poultry Hatcheries
	11239	Other Poultry Production	0259	Poultry and Eggs, NEC
	1124	Sheep and Goat Farming		
	11241	Sheep Farming	*0214	Sheep and Goats (sheep farms)
	11242	Goat Farming	*0214	Sheep and Goats (goat farms)
	1125	Animal Aquaculture		
	11251	Animal Aquaculture		
US	112511	Finfish Farming and Fish Hatcheries	*0273	Animal Aquaculture (finfish farms)
			*0921	Fish Hatcheries and Preserves (finfish hatcheries)
US	112512	Shellfish Farming	*0273	Animal Aquaculture (shellfish farms)
			*0921	Fish Hatcheries and Preserves (shellfish hatcheries)
US	112519	Other Animal Aquaculture	*0273	Animal Aquaculture (except finfish and shellfish)
			*0279	Animal Specialties, NEC (alligator and frog production)
	1129	Other Animal Production		
	11291	Apiculture	*0279	Animal Specialties, NEC (apiculture)
	11292	Horse and Other Equine Production	0272	Horse and Other Equine

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1997 NAICS code	1997 NAICS U.S. description	1987 SIC code	1987 U.S. SIC description
11293	Fur-Bearing Animal and Rabbit Production	0271	Fur-Bearing Animals and Rabbits
11299	All Other Animal Production	0219	General Livestock, Except Dairy and Poultry
		*0279	Animal Specialties, NEC (except apiculture)
		0291	General Farms, Primarily Livestock and Animal Specialties

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Appendix F.
Units of Weights, Measures, and Metric Conversion Factors

To convert the U.S. domestic units to metric units, use the following conversion factors:

Standard units
1 acre = 0.4047 hectare
1 square foot (sq. ft.) = 0.093 square meter
1 pound (avoirdupois) = 0.45359 kilograms
1 hundredweight (cwt) = 100 pounds = 45.359 kilograms
1 ton = 2000 pounds = 0.907 metric ton
1 gallon = 3.785 liters

This table contains the units of weights, measures, and conversion factors associated with the commodities shown. There are some variations among commodities in weight per unit of volume resulting from differences in size or variety of commodity.

Commodity	Unit published	Approximate net weight	
		U.S. pounds	Metric kilograms
Barley for grain	Bushel	48	21.772
Buckwheat	Bushel	48	21.772
Corn for grain	Bushel, shelled	56	25.401
Cotton	Bale	480 Lint	217.724
Dry cowpeas and southern peas	Bushel	60	27.216
Emmer and spelt	Bushel	40	18.144
Flaxseed	Bushel	56	25.401
Goat milk	Gallon	8.6	3.895
Oats for grain	Bushel	32	14.515
Proso millet	Bushel	50	22.680
Rye for grain	Bushel	56	25.401
Sorghum for grain	Bushel	56	25.401
Soybeans for beans	Bushel	60	27.216
Sweetpotatoes	Bushel	55	24.948
Triticale	Bushel	56	25.401
Wheat, all types	Bushel	60	27.216

USDA, National Agricultural Statistics Service

Index

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Item	State tables	County tables	Appendix tables
A			
Abnormal farms, selected characteristics	19	–	–
Abnormal farms by North American Industry Classification System (NAICS)	19	–	–
Age of operator	1,16,17,46–52	11,12	CC,CD,CG
Agricultural chemicals purchased	1,3,10,15,45–52	3,12	CC,CD,CF
Agricultural products sold, market value	1,2,10,17–19,45–52	1,2,4,12,35	CA,CB,CC,CD,CE,CF,CG
Agricultural services income	5,46–52	4	CC,CD
Alfalfa hay	41,42,46–52	12,28	CC,CD
Alfalfa seed	42	28	–
Almonds	43,46–52	31	–
American Indian operators	17	37	BA,BB
Angora goats	40	20	–
Animal production specialties	17,18,19,46–52	25	EB
Apples	43,46–52	31	–
Apricots	–	31	–
Aquaculture products	40	23	–
Artichokes	–	29	–
Asian or Pacific Islander operator	17	37	–
Asparagus	42	29	–
Assets, value	1,10–12,18,45–52	1,6,9,12	–
Austrian winter peas	–	28	–
Average size of farm	1,19,45-52	1,12	CC,CD,CE,CG
Avocados	43	31	–
B			
Bahia grass seed	–	28	–
Balers, pickup	13,46–52	9	–
Bananas	43	31	–
Barley for grain	1,41,42,46–52	1,12,13,26	CC,CD,CE,CF
Barley for grain, sales value	2,46–52	2,12	CC,CD
Beans, dry edible	41,42,46–52	1,12,13,27	CC,CD,CE,CF
Beans, dry lima	–	27	–
Beans, green lima	–	29	–
Beans, snap (bush and pole)	42,46–52	29	–
Beans, soybeans	1,41,42,46–52	1,12,13,27	–
Bedding plants	44	33	–
Beef cows	1,24,28,46–52	1,12,14	BB,CC,CD,CE,CF
Bees, colonies	40	22	–
Beets, sugar	41,42,46–52	1,12,13,27	CC,CD,CE,CF
Beets, table	–	29	–

USDA, National Agricultural Statistics Service

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Item	State tables	County tables	Appendix tables
B—Con.			
Bentgrass seed	–	28	–
Bermuda grass seed	–	28	–
Berries	42,46–52	32	–
Birdsfoot trefoil seed	–	28	–
Blackberries	42	32	–
Black operators and other races	16,17,46–52	35–37	CG
Blueberries, tame and wild	42	32	–
Bluegrass seed, Kentucky	42	28	–
Boysenberries	–	32	–
Breeding hogs and pigs	31,34–36,46–52	12,15	–
Broccoli	42	29	–
Broilers	1,20,22,46–52	1,12,16	CC,CD,CE,CF
Bromegrass seed	–	28	–
Brussels sprouts	–	29	–
Buckwheat	–	26	–
Bulbs	44	33	CC,CD,CF
Bulls, bull calves, steers, and steer calves	24,26–29,46–52	12,14	BB
Burros, donkeys, and mules	40	25	–
C			
Cabbage	–	29	–
Canola	42	26	–
Cantaloups	42	29	–
Carrots	42	29	–
Cash rent, expenses	3,10,46–52	3,12	CC,CD,CF
Cash rent or share payments received, farm-related income	5,46–52	–	CC,CD
Catfish sales	–	23	–
Cattle and calves, inventory	1,10,24,26–29,45–52	1,12,14	BB,CA,CB,CC,CD,CE,CF
Cattle and calves, sales value	2,25–30,45–52	1,2,12,14	BB,CC,CD,CE
Cauliflower	42	29	–
Celery	–	29	–
Certificates, government farm programs payments	5	4	–
Chemicals, expenses	1,3,10,15,45–52	3,12	CC,CD,CF
Chemicals used	15,46–52	10	CC,CD
Cherries	43,46–52	31	–
Chickens (see Broilers, Layers, or Pullets)			
Chicory	–	29	–
Chinese cabbage	–	29	–
Chinese or ming peas	–	29	–
Christmas trees, cut	44	33	–
Citrus fruit	43,46–52	31	–
Clover seed	–	28	–
Coffee	43	31	–
Collards	–	29	–
Colonies of bees	40	22	–
Combines, grain and bean, all types	13,46–52	9,12	–
Commercial fertilizer, expenses	1,3,10,15,45–52	3,12	CC,CD,CF
Commercial fertilizer, used	15,46–52	10	CC,CD
Commercially mixed formula feed purchased	3,46–52	3,12	CC,CD

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Item	State tables	County tables	Appendix tables
C—Con.			
Commodity Credit Corporation loans	6,10,17,46–52	4	CC,CD
Conservation Reserve or Wetlands Reserve Programs, income from	5	4,12	–
Conservation Reserve or Wetlands Reserve Programs, land in	7,10,46-52	6	CC,CD
Contract labor expenses	3,10,46–52	3,12	CC,CD,CF
Corn for grain or seed	1,41,42,46–52	1,12,13,26	CA,CB,CC,CD,CE,CF
Corn for grain, sales value	2,46–52	2,12	CC,CD
Corn for silage or green chop	41,42,46–52	1,12,13,28	CC,CD,CE,CF
Corn, sweet	42,46–52	29	–
Corn, sweet, for seed	–	34	–
Corporation, family held	16,17,46–52	11,12	CC,CD
Corporation, nonfamily held	16,17,46–52	11,12	CC,CD
Corporation, type of organization	1,16,46–52	11,12	CC,CD,CG
Cotton, bales	1,41,42,46–52	1,12,13,27	CC,CD,CE,CF
Cotton and cottonseed, sales value	2,45–52	2,12	CC,CD
Cotton pickers and strippers	13,46–52	9	–
Cowpeas for dry peas	–	27	–
Cowpeas, green (green southern peas)	–	29	–
Cows and heifers that had calved	24,26-29,46–52	12,14	–
Cranberries	42	32	–
Crawfish	–	23	–
Crimson clover seed	–	28	–
Cropland for cover crops, legumes, and soil-improvement grasses	7,46–52	6	–
Cropland harvested	1,7–10,16–19,45–52	1,6–8,11,12,26–29,32, 34–36	BB,CA,CB,CC,CD CE,CF,CG
Cropland harvested, irrigated	8–10,46–52	8	BB,CC
Cropland idle	7,46–52	6	–
Cropland in cultivated summer fallow	7,46–52	6	–
Cropland on which all crops failed	7,46–52	6	–
Cropland, other	7,19	6,8	–
Cropland pastured	7,19,45–52	6	BB,CC,CD
Cropland total	1,7,10,19,45–52	1,6,12	BB,CC,CD,CE,CF
Crops, farms reporting, acres, production	1,42-44,46-52	1,12,13,26-34	CC,CD,CE,CF
Crops, including nursery and greenhouse crops, sales value	1,2,10,17-19	1,2,12	BB,CC,CD,CE
Cucumbers	42	29	–
Currants	–	32	–
Customwork, machine hire, and rental of machinery and equipment, expenses	3,10,46–52	3,12	CC,CD,CF
Customwork and other agricultural services, farm-related income	5,46–52	4	CC,CD
Cut Christmas trees harvested	44	33	–
Cut flowers	44	33	–
D			
Daikon	–	29	–
Dairy cows (milk cows), inventory	1,10,24,29,45–52	1,12,14	BB,CC,CD,CE,CF
Dairy products, sales value	2,29,45–52	2,12,14	CC,CD

USDA, National Agricultural Statistics Service

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Item	State tables	County tables	Appendix tables
D—Con.			
Dates	–	31	–
Deaths and injuries	46–52	–	CC,CD
Defoliation, chemical control	15,46–52	10	–
Diesel fuel expenses	14,46–52	3	–
Dill for oil	–	34	–
Direct sales	2,46–52	4	CC,CD
Disease, control in crops and orchards	15,46–52	10	–
Donkeys, burros, and mules	40	25	–
Ducks, geese, and other poultry	20	16,24	–
E			
Eggplant	–	29	–
Electricity expenses	3,10,45–52	3,12	CC,CD,CF
Emmer and spelt	–	26	–
Endive	–	29	–
Equipment and machinery, estimated market value	1,10,12,18,19,45–52	1,9,12	BB,CC,CD,CE,CF
Equipment and machinery, selected items	13,46–52	9	–
Escarole	–	29	–
Estimated market value of land and buildings	1,10,11,18,19,45–52	1,6,12	BB,CA,CB,CC,CD,CE,CF
Ewes 1 year old or older	37–39,46–52	17	BB
Expenses, farm production	1,3,10,19,45–52	1,3,12	BB,CC,CD,CE,CF
F			
Family held corporations	16,17,46–52	11,12	CC,CD
Family or individual, type of organization	1,16,17,46–52	11,12	CC,CD,CG
Farmland, rental income	5,46–52	4	CC,CD
Farm production expenses	1,3,10,19,45–52	1,3,12	CC,CD,CE,CF
Farm-related income	5,10,19,46–52	4	CC,CD
Farms by principal occupation of operator	1,16,17,46–52	11,12	CC,CD,CG
Farms by combined government payments and market value of agricultural products sold	52	–	–
Farms by North American Industry Classification System (NAICS)	17,18,19,46-52	2,12	CC,CD,EB
Farms by size	1,8,17,46–52	1,6,7,12	CC,CD,CE,CF,CG
Farms by specified racial groups	17	37	–
Farms by Standard Industrial Classification (SIC)	–	–	EA
Farms by tenure of operator	16,17,19,46–52	11,12	CC,CD,CG
Farms by type of organization	1,16,17,46–52	11,12	CC,CD,CG
Farms by value of agricultural products sold	1,2,10,17,18,45–52	1,2	CC,CD,CE,CF,CG
Farms with net gains	4,46–51	4,12	CC,CD
Farms with net losses	4,46–51	4,12	CC,CD,CG
Farms, number	1,7–10,17–19,45–52	1,6,7,8	CA,CB,CC,CD,CE,CF,CG
Farms with sales of $10,000 or more	4,5,46–52	12,37,38	CD,CE
Farm-related deaths	46–52	–	CC,CD

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Item	State tables	County tables	Appendix tables
F—Con.			
Farm-related injuries	46–52	–	CC,CD
Fattened cattle sales	28,30,46–52	12,14	–
Feed purchased	1,3,10,45–52	3,12	CC,CD,CF
Feeder pigs sales	32,34–36,46–52	12,15	–
Female operators	16,17,46–52	11	CC,CD,CG
Fertilizer expenses	1,3,10,15,45–52	3,12	CC,CD,CF
Fertilizer used	15,46–52	10	CC,CD
Fescue seed	42	28	–
Field seed crops	42,45–52	28	CC,CD
Figs	–	31	–
Filberts	43	31	–
Fish sales	40	23	–
Flaxseed	42,46–52	26	–
Floriculture crops	44	33	–
Florist greens and flowers, cut	44	33	–
Flower and vegetable seeds	44	33	–
Flowering plants, potted	44	33	–
Flowers and florist greens, cut	44	33	–
Foliage plants	44	33	–
Forest products excluding Christmas trees and maple products sales, farm-related income	5,46–52	4	CC,CD
Foxtail millet seed	–	28	–
Fruit crops	43,46–52	31	–
Fruits, nuts, and berries, sales value	2,45–52	2,12	CC,CD
Fuel oil, kerosene, motor oil, grease, LP gas, etc., expenses	14,46–52	3	–
Full owners	16,17,19,46–52	11,12,36	CC,CD,CG
G			
Gains, farms with	4	4	CC,CD
Garlic	–	29	–
Gas, natural, expenses	14,46–52	3	–
Gasoline and other petroleum fuel and oil expenses	14,46–52	3	–
Geese, ducks, and other poultry	20	16,24	–
Ginger root	–	34	–
Ginseng	–	34	–
Goat milk sales	40	19	–
Goats	40,46–52	25	–
Goats, Angora	40	20	–
Goats, milk	40	19	–
Goats, other	40	25	–
Government farm programs payments	5	4	CC,CD
Government payments received, income	5,10,17,19,46–52	4,12	CC,CD
Grain hay	41,42	28	–
Grain, sales value	2,45–52	2,12	CC,CD
Grains	42,46–52	2,12,26	CC,CD
Grapefruit	43	31	–
Grapes	43,46–52	31	–
Grass silage, haylage, and green chop hay	42,46–52	12,28	–

USDA, National Agricultural Statistics Service

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Item	State tables	County tables	Appendix tables
G—Con.			
Grazing permits	–	39	–
Grease, LP gas, fuel oil, kerosene, motor oil, etc., expenses	14,46–52	3	–
Greenhouse crops	44	2,33	–
Greenhouse vegetables	44	33	–
Guar	–	34	–
Guavas	43	31	–
H			
Harvested cropland	1,7,8,10,16–19,45–52	1,6–8,11,12,26–29,32, 34–36	BB,CA,CB,CC,CD, CE,CF,CG
Hay	1,42,46–52	1,12,13,28	CC,CD,CE,CF
Hay, silage, and field seeds, sales value	2,45–52	2,12	CC,CD
Haylage, grass silage, and green chop hay	41,42,46–52	28	–
Hazelnuts	43	31	–
Heifers and heifer calves	24,26–29,46–52	12,14	–
Hens (see Layers and pullets)			
Herbs	–	29,34	–
Hired farm labor expenses	1,3,10,45–52	3,5,12	CC,CD,CF
Hired labor (workers by days worked)	46–52	5	CC,CD
Hispanic origin, operators of (see Spanish origin)			
Hogs and pigs, inventory	1,10,31,34–36,45–52	1,12,15	CA,CB,CC,CD,CE,CF
Hogs and pigs, sales value	1,2,32,34–36,45–52	1,2,12,15	CC,CD,CE,CF
Hogs and pigs, litters farrowed	33,36,46–52	15	–
Honey sales	40	22	–
Honey tangerines	–	31	–
Honeydew melons	–	29	–
Hops	42	34	–
Horses and ponies	40,46–52	18	BB,CC,CD
Horticultural specialties (see Nursery and greenhouse crops)			
Hybrid striped bass	–	23	–
I			
Income from farm-related sources	5,10,19,46–52	4	CC,CD
Income (see Net cash return)	4,46–52	1,4	CC,CD,CE
Individual or family, type of organization	1,16,17,46–52	11,12	CC,CD,CG
Injuries and deaths	46–52	–	CC,CD
Insects, chemical control	15,46–52	10	–
Interest, debt not secured by real estate	3,46–52	3	CC,CD
Interest, debt secured by real estate	3,46–52	3	CC,CD
Interest expenses	1,3,10,45–52	3,12	CC,CD,CF
Irrigated land	1,8–10,19,41,42,46–52	1,8,12,26–30,32,34	CC,CD,CE,CF

USDA, National Agricultural Statistics Service

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Item	State tables	County tables	Appendix tables
J			
Jojoba	–	34	–
K			
Kale	–	29	–
Kentucky bluegrass seed	42	28	–
Kerosene, motor oil, grease, LP gas, fuel oil, etc., expenses	14,46–52	3	–
Kiwifruit	–	31	–
Kumquats	–	31	–
L			
Labor expenses	1,3,10,45–52	3,12	CC,CD,CF
Ladino clover seed	–	28	–
Land in Conservation Reserve or Wetlands Reserve Programs	7,10,46–52	6,12	CC,CD
Land and buildings, estimated market value	1,10,11,18,19,45–52	1,6,12	BB,CA,CB,CC,CD,CE,CF
Land in farms, acres	1,7,8,10,16–19,45–52	1,6,11,12,35–39	BB,CA,CC,CD,CE,CF,CG
Land in farms, rented or leased	10,17,46–52	–	CC,CD
Land in house lots, ponds, roads, wasteland, etc.	7,19,46–52	6	CC,CD
Land in orchards (see Orchards)	1,41,42,46–52	12,13,30	CC,CD,CE,CF
Landlords	46–52	–	CC,CD
Land owned	10,17,46–52	–	CC,CD
Land rented or leased from others	46–52	–	CC,CD
Land rented or leased to others	46–52	–	CC,CD
Land use	7,10,19,46–52	6	CC,CD
Latino origin, operators of (See Spanish origin)			
Layers 20 weeks old and older	20-22,46-52	12,16	CA,CC,CD,CE,CF
Layers and pullets 13 weeks old and older but less than 20 weeks old	20,21,46-52	16	CC,CD,CE
Lemons	43	31	–
Lentils	42	27	–
Lespedeza seed	–	28	–
Lettuce and romaine	42	29	–
Lima beans, dry	–	27	–
Lima beans, green	42	29	–
Limes	–	31	–
Litters farrowed, hogs and pigs	33,36,46–52	15	–
Livestock and livestock products	40	25	CC,CD
Livestock and poultry, inventory	1	1,12,25	CA,CC,CD,CE,CF
Livestock and poultry purchased	1,3,10,45–52	3,12	CC,CD,CF
Livestock, poultry, and their products, sales value	1,2,10,17–19,45–52	1,2,12	CC,CD,CE
Loans, Commodity Credit Corporation	6,10,17,46–52	4	–
Loganberries	–	32	–
Losses, farms with	4	4	CC,CD
Lotus root	–	34	–
LP gas, fuel oil, kerosene, motor oil, grease, etc., expenses	14,46–52	3	–

USDA, National Agricultural Statistics Service

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Item	State tables	County tables	Appendix tables
M			
Macadamia nuts	43	31	–
Machine hire, rental of machinery and equipment, and customwork expenses	3,10,46–52	3,12	CC,CD,CF
Machinery and equipment, estimated market value	1,10,12,18,19,45–52	1,9,12	BB,CC,CD,CE,CF
Machinery and equipment, selected	13,46–52	9	–
Male operators	16,17,46–52	11	CC,CD,CG
Mangoes	–	31	–
Maple trees tapped	–	34	–
Market value of agricultural products sold	1,2,10,17–19,45–52	1,2,4,12	BB,CA,CB,CC,CD, CE,CF,CG
Median size of farm	–	1	–
Melons	42	29	–
Milk cows (dairy cows)	1,10,24,29,45–52	1,12,14	CC,CD,CE,CF
Milk goats	40	19	–
Millet, proso	42	26	–
Millet seed, foxtail	–	28	–
Mink and their pelts	40	21	–
Mint for oil	42	34	–
Mohair sales	40	20	–
Motor oil, grease, LP gas, fuel oil, kerosene, etc., expenses	14,46–52	3	–
Motortrucks, including pickups	13,46–52	9,12	–
Mower conditioners	13,46–52	9	–
Mules, burros, and donkeys	40	25	–
Mungbeans for beans	–	34	–
Mushrooms	44	33	–
Mustard cabbage	–	29	–
Mustard greens	–	29	–
Mustard seed	–	26	–
N			
Natural gas expenses	14,46–52	3	–
Nectarines	–	31	–
Nematode control in crops	15,46–52	10	–
Net cash return from agricultural sales	4,46–52	1,4,12	CC,CD,CE,CF
Nonfamily held corporations	16,17,46–52	–	–
Nonresponse estimation	–	–	CA,CB
North American Industry Classification System (NAICS)	17–19, 46–52	2,12	CC,CD,EB
Number of farms	1,7–10,17–19,45–52	1,6–8	CA,CB,CC,CD,CE,CF,CG
Nursery and greenhouse crops	10,44,46–52	12,33	CC,CD
Nursery and greenhouse crops, sales value	1,2,10,44–52	2,12,33	CC,CD
Nursery crops–shrubs, trees, etc.	44	33	–
Nuts	2,43,45–52	1,2,12,13,31	CC,CD
O			
Oats, sales value	2,46–52	2,12	CC,CD
Oats for grain	1,41,42,46–52	1,12,13,26	CC,CD,CE,CF
Occupation of operator	1,16,17,46–52	1,11,12	CC,CD,CE,CG
Off-farm work by operator	1,16,17,46–52	1,11,12	CC,CD,CE
Okra	–	29	–

USDA, National Agricultural Statistics Service

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Item	State tables	County tables	Appendix tables
O—Con.			
Olives	–	31	–
Onions, dry and green	42	29	–
Operator characteristics–residence, age, race, occupation, off-farm work, sex, Spanish, Hispanic, or Latino origin, years on present farm	16,17,46–52	1,11,12	CC,CD,CG
Operators by principal occupation	1,16,17,46–52	1,11,12	CC,CD,CE,CG
Oranges	43	31	–
Orchardgrass seed	–	28	–
Orchards, land in	1,41,42,46–52	12,13,30	CC,CD,CE,CF
Organization of farm	1,16,17,46–52	11,12	CC,CD,CG
Other farm production expenses	3,10,46–52	3,12	CC,CD,CF
Other crops, sales value	2,45–52	2,12	CC,CD
Other grains, sales value	2,46–52	2,12	CC,CD
Other livestock and livestock products, sales value	2,40,45–52	2,12,25	CC,CD
Other poultry	20	16,24	–
Owned land	10,17,46–52	11	CC,CD
Owners, full and part	16,17,19,46–52	11,12,36	CC,CD,CG
P			
Papayas	43	31	–
Parsley	–	29	–
Part owners	16,17,19,46–52	11,12,36	CC,CD,CG
Partnership, type of organization	1,16,17,46–52	11,12	CC,CD,CG
Passion fruit	–	31	–
Pastureland and grazing land	7,10,19,45–52	6	CC,CD
Pastureland and other land irrigated	9,10,46–52	8	–
Payroll expenses	1,3,10,45–52	3,5,12	–
Peaches	43,46–52	31	–
Peanuts for nuts	41,42,46–52	1,12,13,27	CC,CD,CE,CF
Pears	43	31	–
Peas, Austrian winter	–	28	–
Peas, Chinese or ming	–	29	–
Peas, dry edible	42	27	–
Peas, green	42,46–52	29	–
Pecans	43,46–52	31	–
Peppers, hot	–	29	–
Peppers, sweet	42	29	–
Persimmons	–	31	–
Petroleum products expenses	1,3,10,14,45–52	3,12	CC,CD,CF
Pheasants	–	24	–
Pickup balers	13,46–52	9	–
Pigeons or squab	–	24	–
Pimientos	–	29	–
Pineapples	1,42,46–52	1,12,13,34	CC,CD,CE,CF
Pistachios	43	31	–
Plants, bedding	44	33	–
Plums	43	31	–
Pomegranates	–	31	–
Ponies and horses	40,46–52	18	–
Popcorn	42	26	–
Potatoes, excluding sweetpotatoes	1,41,42,46–52	1,12,13,27	CC,CD,CE,CF

USDA, National Agricultural Statistics Service

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Item	State tables	County tables	Appendix tables
P—Con.			
Potatoes, sweet	42,46–52	27	CC,CD
Poultry inventory	22,46–52	16,24	CC,CD
Poultry and poultry products, sales value	2,22,45–52	2,12,16,24	CC,CD
Poultry hatched	–	24	CD
Principal occupation of operator	1,16,17,46–52	1,11,12	CC,CE,CG
Production expenses	1,3,10,19,45–52	1,3,12	BB,CC,CD,CE,CF
Property taxes, expenses	3,10,46–52	3,12	CC,CD,CF
Proso millet	42	26	–
Prunes	43	31	–
Pullets	20–22,46–52	16	CC,CD
Pumpkins	–	29	–
Q			
Quail	–	24	–
R			
Rabbits and their pelts	40	25	–
Race of operator	16,17,46–52	37	CG
Radishes	–	29	–
Rangeland	7,19,46–52	6,10	BB,CC,CD
Rapeseed	42	26	–
Raspberries	42	32	–
Red clover seed	42	28	–
Redtop seed	–	28	–
Reliability estimates	–	–	CB,CC,CD,CE,CF
Rent paid in cash, expenses	3,10,46–52	3,12	CC,CD,CF
Rent received, farm-related income	5,46–52	4	CC,CD
Rented land	10,46–52	11	CC,CD
Repair and maintenance expenses	3,10,46–52	3,12	CC,CD,CF
Reservations	19	–	–
Residence of operator	16,17,46–52	11,12	CC,CD,CG
Rhubarb	–	29	–
Rice	1,41,42,46–52	1,12,13,26	CC,CD,CE,CF
Romaine and lettuce	42	29	–
Rye for grain	42	26	–
Ryegrass seed	42	28	–
S			
Safflower	–	26	CB
Sales of agricultural products	1,2,10,17–19,45–52	1,2,12	BB,CA,CC,CD,CE,CF,CG
Salt hay	–	34	–
Sales of forest products, excluding Christmas trees and maple products	5,46–52	4	CC,CD
Seeds, bulbs, plants, and trees purchased	3,10,46–52	3,12	CC,CD,CF
Sex of operator	16,17,46–52	11	CC,CD,CG
Sheep and lambs, inventory	10,37–39,46–52	1,12,17	BB,CC,CD,CE,CF
Sheep and lambs shorn	37–39,46–52	17	BB
Sheep, lambs, and wool, sales value	2,37–39,45–52	2,12,17	BB,CC,CD

USDA, National Agricultural Statistics Service

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Item	State tables	County tables	Appendix tables
S—Con.			
Size of farm, average	1,19,45–52	1,6,7,12	CC,CD,CE,CF,CG
Small grain hay	42	12,28	–
Snap beans (bush and pole)	42,46–52	29	–
Sod	44	33	–
Sole proprietorship, type of organization	1,16,17,46–52	1,11,12	CC,CD,CG
Sorghum for grain or seed	1,41,42,46–52	1,12,13,26	CC,CD,CE,CF
Sorghum for grain or seed, sales value	2,46–52	1,2,12	CC,CD
Southern peas (cowpeas), dry	–	27	–
Southern peas (cowpeas), green	–	29	–
Soybeans for beans	1,41,42,46–52	1,12,13,27	CC,CD,CE,CF
Soybeans for beans, sales value	2,46–52	2,12	CC,CD
Spanish, Hispanic, or Latino origin, operators of	16,17,46–52	38	–
Spelt and emmer	–	26	–
Spinach	–	29	–
Squash	42	29	–
Standard Industrial Classification (SIC) of farms	–	–	EA
Steers, steer calves, bulls, and bull calves	24,26–29,46–52	12,14	BB
Strawberries	42	32	–
Sudangrass seed	–	28	–
Sugar beets for sugar	41,42,46–52	1,12,13,27	CC,CD,CE,CF
Sugarcane for sugar	1,41,42,46–52	1,12,13,27	CC,CD,CE,CF
Sunflower seed	1,42,46–52	1,12,13,26	CC,CD,CE,CF
Sweet clover seed	–	28	–
Sweet corn	42,45–52	29	–
Sweet corn for seed	–	34	–
Sweetpotatoes	42,46–52	27	CC,CD
T			
Tame dry hay	41,42,46–52	12,28	BB,CC,CD,CE,CF
Tangelos	–	31	–
Tangerines	–	31	–
Taro	–	34	–
Taxes, property, expenses	3,10,46–52	3,12	CC,CD,CF
Tenant operated farms	16,17,19,46–52	11,12,36	CC,CD,CG
Tenure of operator	16,17,19,46–52	11,12	CC,CD,CG
Timothy seed	–	28	–
Tobacco	1,41,42,46–52	1,12,13,27	CC,CD,CE,CF
Tobacco sales, value	2,45–52	2,12	CC,CD
Tomatoes	42,46–52	29	–
Tractors, wheel	13,46–52	9,12	–
Triticale	–	26	–
Trout sales	–	23	–
Trucks, including pickups	13,46–52	9,12	–
Turkeys, hens for breedings	20,23,46–52	16	–
Turkeys	20,23,46–52	16	–
Turnip greens	–	29	–
Turnips	–	29	–
Type of farm	17,18,46–52	12	–
Type of organization	1,16,17,46–52	11,12	CC,CD,CG

USDA, National Agricultural Statistics Service

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Item	State tables	County tables	Appendix tables
V			
Value of agricultural products sold	1,2,10,17–19,45–52	1,2,4,12	BB,CA,CB,CC,CD, CE,CF,CG
Value of land and buildings	1,10,11,18,19,45–52	1,6,12	BB,CA,CB,CC,CD,CE,CF
Value of machinery and equipment	1,10,12,18,19,45–52	1,9,12	BB,CC,CD,CE
Value of sales from sheep, lambs, and wool	37–39,45–52	12	CC,CD
Vegetable and flower seeds	44	33	–
Vegetables, greenhouse	44	33	–
Vegetables harvested for sale	1,41,42,46–52	1,12,13,29	CC,CD,CE,CF
Vegetables, sweet corn, and melons, sales value	2,45–52	2,12	CC,CD
Vetch seed	–	28	–
W			
Walnuts, English	43,46–52	31	–
Watercress	–	29	–
Watermelons	42	29	–
Weeds, grass or brush, chemical control	15,46–52	10	–
Wetlands Reserve or Conservation Reserve Programs, acres	7,10,46–52	4,6,12	CC,CD
Wetlands Reserve or Conservation Reserve Programs, amount of government payments	5	4	–
Wheat for grain	1,41,42,46–52	1,12,13,26	BB,CA,CB,CC,CD,CE,CF
Wheat for grain, sales value	2,46–52	2,12	CC,CD
Wheatgrass seed	–	28	–
Wheel tractors	13,46–52	9,12	–
White clover seed	–	28	–
Wild hay	41,42	28	BB,CC,CD,CE,CF
Wild rice	–	26	–
Woodland	7,19,46–52	6	BB,CC,CD
Wool, pounds shorn	37–39,46–52	17	–
Workers by days worked (see hired labor)	46–52	5	CC,CD
Work off-farm by operator	1,16,17,46–52	1,11,12	CC,CD,CE
Y			
Years on present farm	16,17,45–52	11,12	CG

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